

# Beta



**2 0 2 3**

## **Price list**

Valid until 29/02/2024  
prices do not include V.A.T.

BETA MEANS  
AUDACITY. COMMITMENT. HARMONY. TALENT.



**In Beta, there is only one way to do things: doing them well.**

This is Beta's world, this is the principle that guides our daily work around the world, driven by four values:

**AUDACITY** *to invest and constantly relaunch an enterprise created by an Italian craftsman in 1923, which has asserted itself worldwide and continues to grow after four generations.*

**COMMITMENT** *in taking care of the quality of our products, because every retailer knows he can count on an efficient service, and every user knows they can rely on the precision, reliability and resistance of Beta products.*

**HARMONY** *of the lines, for a design of excellence, because when something is well done, it expresses a perfect balance between function and design.*

**TALENT** *it is our most precious resource, the one that distinguishes all our people and every professional who chooses Beta to leave nothing up to chance, in the engaging and passionate fulfilment of their ideas and dreams.*





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**RSC55**

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**Beta**  
C45PRO

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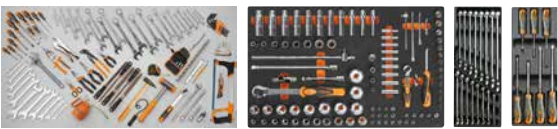
**Beta**  
RSC



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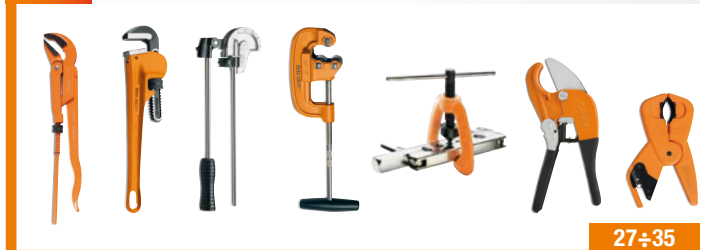
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# KEY READING

**item number** 1048N

slip joint pliers,  
slip-proof PVC coated handles

**tool profile** 

**price**

★ item available on request  
• main size  
○ hexagon drive

size	L mm	A max mm	L1 mm	S mm	€	code number
175	36	31	11	28,00	3	010480910
250	46	38	13	29,50	5	010480915
300	60	44	14,8	44,00	2	010480920

n.° of tools per box

**code number**

**1048N/D3**

set of slip joint pliers  
phosphated heads


n.° of tools per set


type of packaging


set content

1048N/D3	€	code number
-175-250-300 mm	101,50	1 010480923

**new item 2023**

in blister pack 

motorcycle tools 

bicycle tools 

## Most used symbols

### Sets

Symbol	Description	Example
B	= in plastic wallet	42/B9N
BV	= empty wallet	2002/BV9
C	= in case	900/C11
D	= in hanging pack	1293/D6
S	= in box	42/S17
SP	= with display	42/SP25
SPV	= empty display	42/SPV7
SC	= with compact support	96/SC9
SCV	= compact support, empty	96/SCV

### Assortments

Symbol	Description	Example
AS	= with tools in inches	5915VU/AS
E	= Electronics/Electrotechnics	5980ET/A
I	= Plumbing	5980ID
MT	= Earth-moving	5902MT
U	= Universal	5915VU/3
SBK	= Motorcycle Repairs	5940SBK
VG	= Automotive	5904VG/5T
VI	= Industry	5902VI

### Sockets

Symbol	Description	Example
A	= hexagon profile	910A
B	= bi-hex profile	910B
ES	= grooved profile	920ES
FTX	= for TORX® screws	910FTX

## Most used symbols

Symbol	Description	Example
PT	= for 5-star head screws	910PT
X	= reversible ratchet in cases	920A/C12X

### Screwdrivers and bits

Symbol	Description	Example
LP	= for slotted head screws	920LP
PE	= for hexagon screws	920PE
PH	= for cross head PHILLIPS® screws	920PH
PZ	= for cross head POZIDRIV® - SUPADRIV® screws	1299PZ
RTX	= for TAMPER RESISTANT TORX® screws	1298RTX
SP	= for SPANNER screws	861SP
TRW	= for TRI-WING® screws	861TRW
TQS	= for TORQ-SET® screws	861TQS
TX	= for TORX® head screws	920TX
XZN	= for XZN® screws	920XZN

### Miscellaneous

Symbol	Description	Example
AS	= sizes in inches	42AS
BA	= spark-proof tools	42BA
BM	= bi-material handle	1150BM
C	= empty metal container	C25
HS	= tethered tools	42HS
INOX	= tools made of stainless steel	42 INOX
L	= long series	952L
MQ	= 1000V insulated tools	1150MQ
MP	= bright finish	42MP
R	= spare part	338R

The pictures are given by way of example.  
Beta Utensili reserve the right to update and enhance their product range without notice.



**Beta** RECOMMENDS using the tools correctly  
and complying with personal protection standards.





# PIN PUNCHES

Beta's striking tools have been designed to provide optimal performance and ensure the operator's safety.

A special type of steel, which contains chrome, molybdenum and vanadium (65CrMoV2-2) is used for production, resulting in remarkably hard and tough tools. The products are made – if so allowed by their geometry – with drawn bars; otherwise, they are hot-forged in a controlled atmosphere, to avoid slag formation.

- 1** The hexagonal profiles prevent the tool from rolling on the supporting surface.
- 2** the pin punches are fitted with extremely long though perfectly straight shanks, to allow access to small spaces.
- 3** To make sure that the pin punches are correctly sized, every single piece is faced, so that a uniform cylindrical part and a perfectly flat end can be obtained, for increased efficacy.
- 4** All the faces are subjected to induction tempering, to prevent splintering; the deformation of the striking point is a natural consequence, so that the operator's safety can be ensured.



The centre and pin punches are sharpened after being chrome-plated, to provide improved engraving and cutting performance, and remove the galvanic deposit from the tips. Overdeposits need to be removed, to prevent "rounding" of the corners and brittleness as a result of the amount of hydrogen produced during electroplating. The worked areas are protected with a rust-proof layer.



## 30 drift punches

Ø mm	L mm	€	📦	📄
2	125	7,45	10	000300020
3	125	7,45	10	000300030
4	150	9,95	10	000300040
5	150	9,95	10	000300050
6	150	10,40	10	000300060

## 31 pin punches

Ø mm	L mm	L1 mm	€	📦	📄
2	110	22	7,45	10	000310002
3	128	35	7,70	10	000310003
4	146	45	9,45	10	000310004
5	164	55	9,95	10	000310005
6	182	65	12,50	5	000310006
8	200	80	13,20	5	000310008
10	220	95	16,60	5	000310010

Model	€	📦	📄
31/B6N	69,50	1	000310024
2-3-4-5-6-8 mm			
2002/BV6	9,10	1	020020000
31/SP6	74,00	1	000310030
2-3-4-5-6-8 mm			
31/SPV	19,90	1	000310031

## 31BM pin punches with handles

Ø mm	L mm	L1 mm	€	📦	📄
2	168	42	15,30	2	000310402
3	180	52	15,70	2	000310403
4	191	62	17,10	2	000310404
5	200	72	18,00	2	000310405
6	221	82	20,70	2	000310406
8	235	94	21,80	2	000310408

Model	€	📦	📄
31BM/D6	108,50	1	000310420
2-3-4-5-6-8 mm			

### 31L

pin punches, long series



∅ mm	L mm	L1 mm	€	5	10
4	175	80	11,20	5	000310104
5	175	80	12,00	5	000310105
6	175	80	14,20	5	000310106

### 31SE

punches for spring pins



∅ mm	D mm	L mm	L1 mm	€	5	10
4	2,4	175	80	11,20	5	000310204
5	3,0	175	80	12,00	5	000310205
6	3,6	175	80	14,20	5	000310206



31/B6N-LSE	84,00	1	000310324
31L: 4-5-6 mm			
31SE: 4-5-6 mm			
2002/BV6	9,10	1	020020000

### 32

centre punches



∅ mm	L mm	L1 mm	€	10	10
3	100	44	6,90	10	000320100
4	125	52	8,55	10	000320125
5	150	62	10,40	10	000320150

### 32AU

automatic centre punches



∅ mm	L mm	L1 mm	€	2	10
3	150	23	56,00	2	000320160

### 32AUR

spare tip for automatic centre punch



∅ mm	€	5	10
3	10,10	5	000320170

### 34

flat chisels



L mm	A mm	L1 mm	€	5	10
125	14,5	45	10,70	5	000340001
150	17,0	58	14,10	5	000340002
175	21,5	68	20,40	5	000340003

### 35

flat chisels, ribbed type



L mm	A mm	€	5	10
100	14,5	12,60	5	000350001
125	17,0	14,10	5	000350002
150	20,5	17,50	5	000350003
200	23,0	26,50	5	000350004
250	28,5	38,00	2	000350005
300	34,0	52,00	2	000350006

### 35PM

flat chisels, ribbed type with hand guards



L mm	A mm	€	2	10
200	23,0	39,50	2	000350014
250	28,5	51,00	2	000350015
300	34,0	66,00	2	000350016

### 35PMR

spare hand guards



L mm	€	1	10
200	13,20	1	000350024
250	13,20	1	000350025
300	13,90	1	000350026

### 36

cape chisels



L mm	A mm	L1 mm	€	5	10
125	4	44	11,20	5	000360001
150	6	53	13,20	5	000360002

### 37

cape chisels, ribbed type



L mm	A mm	L1 mm	€	5	10
150	6	45	20,20	5	000370001
200	8	55	29,00	3	000370002

### 37PM

cape chisel, ribbed type with hand guard



L mm	A mm	€	2	10
200	8	43,00	2	000370012

### 37PMR

spare hand guard



L mm	€	1	10
200	13,90	1	000370022



38/B6N



38/SP6

38/B6N	70,50	1	000380016
30: 2-3 mm			
32: 4 mm			
34: 125-150 mm			
36: 150 mm			
2002/BV6	9,10	1	020020000
38/SP6	77,50	1	000380009
30: 2-3 mm			
32: 4 mm			
34: 125-150 mm			
36: 150 mm			
38/SPV	20,20	1	000380019



# BETA'S ICONIC WRENCH

Our epoch-making wrench 42 has a new shape.

A stylish, slim shape enhanced by a slender profile, lighter to the touch. The strength, resilience and ergonomic design of the Beta wrench reach even higher values, to provide users with the best possible tool. The manufacturing process is carried out in our factories in Sovico and Sulmona, on the basis of state-of-the-art automation technology and the best trained workers.

## RAPID

A 15 degree angle compared to the axis, to reduce the take-up angle

## RESILIENT

Remarkable strength: in case of improper use, the wrench buckles, without breaking suddenly and dangerously

## HOMOGENEOUS

Pressing is based on a round-section semi-finished product which results in homogeneously distributed fibres, thereby preventing dangerous internal stress formation

## ACCESSIBLE

Reduced thickness for improved accessibility

## PROTECTED

Nickel-chrome plating provides lasting resistance to external agents and meets the stringent requirements of adhesion tests under ISO 2819

## OPTIMIZED

The wrench, which is longer than most competitors', allows high torques to be obtained through reduced effort



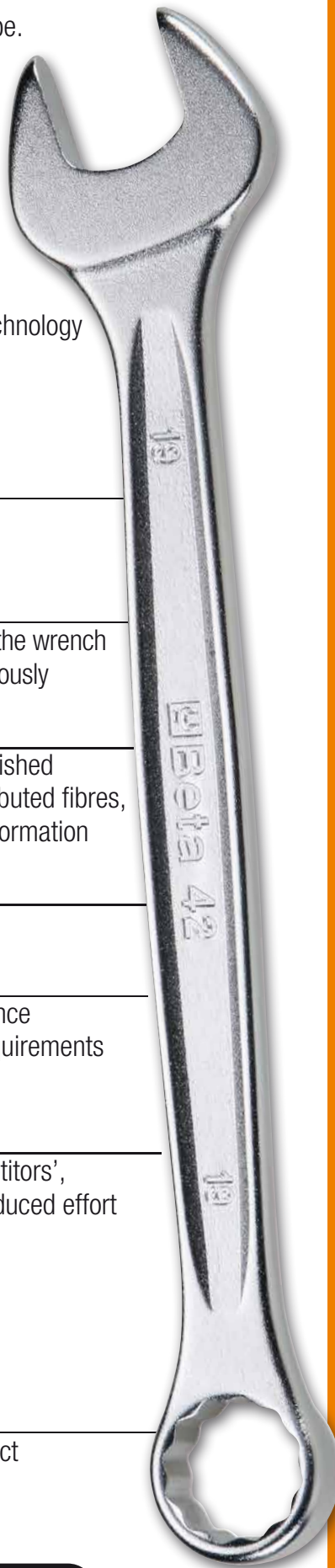
## ERGONOMIC

The offset ring has a 15 degree angle to protect the hand. The shape is obtained from a die; it is not bent later



## CAUTION!

The shape of wrench 42 is perfectly compatible with all the containers and modules of established wrench 42



42

combination wrenches

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm	€	🔧	📦
5,5x5,5	95	3,4	8,05	5	000421005
6x6	95	3,4	8,15	5	000421006
7x7	105	3,6	8,25	5	000421007
8x8	116	3,9	8,45	5	000421008
9x9	127	4,2	8,95	5	000421009
10x10	137	4,5	9,15	5	000421010
11x11	148	4,8	9,80	5	000421011
12x12	158	5,1	10,00	5	000421012
13x13	169	5,6	10,00	5	000421013
14x14	180	5,7	11,50	5	000421014
15x15	190	6,0	12,70	5	000421015
16x16	201	6,3	13,10	5	000421016
17x17	212	6,8	13,80	5	000421017
18x18	222	7,0	14,60	5	000421018
19x19	233	7,5	15,10	5	000421019
20x20	243	7,7	16,90	3	000421020
21x21	254	7,9	18,20	3	000421021
22x22	264	8,3	18,80	3	000421022
23x23	275	8,5	20,30	3	000421023
24x24	285	8,7	21,30	3	000421024
25x25	296	8,7	22,70	2	000421025
26x26	307	8,9	24,40	2	000421026
27x27	317	9,1	26,50	2	000421027
28x28	328	9,3	27,00	2	000421028
29x29	338	9,5	30,00	2	000421029
30x30	349	9,7	31,00	2	000421030
32x32	370	10,1	34,00	2	000421032
34x34	391	10,5	65,00	1	000421034
35x35	412	10,7	70,00	1	000421035
36x36	412	10,7	73,00	1	000421036
38x38	433	11,3	80,50	1	000421038
41x41	465	12,0	89,50	1	000421041



	€	🔧	📦
42/B9N 6-7-8-10-11-13-14-17-19 mm	106,00	1	000421074
2002/BV9	11,60	1	020020030



	€	🔧	📦
42/S14 6-7-8-10-11-12-13-14 -15-16-17-19-22-24 mm	170,00	1	000421067
42/S17 6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm	207,50	1	000421065
42/S15 6-7-8-10-11-12-13-14 17-19-22-24-27-30-32 mm	236,00	1	000421066
42/S17X 6-7-8-10-11-12-13-14- 15-16-17-19-21-22- 24-27-30 mm	246,00	1	000421068
42/S26 6-7-8-9-10-11-12-13-14 15-16-17-18-19-20-21 22-23-24-25-26-27-28 29-30-32 mm	445,00	1	000421070

set of 9 combination wrenches with compact support

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



	€	🔧	📦
<b>42/SC9I</b> 8-10-11-12-13-14-15-17-19 mm	109,00	1	000421087
<b>142/SCV9I</b>	10,50	1	001420103
<b>42/SC9E</b> 8-10-11-12-13-16-17-18-19 mm	112,50	1	000421088
<b>142/SCV9E</b>	10,50	1	001420104



	€	🔧	📦
<b>42/SP25</b> 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm	469,00	1	000421085
<b>42/SPV2</b>	54,00	1	000420090



42/SPV...

	€	🔧	📦
<b>42/SP15</b> 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm	185,50	1	000421078
<b>42/SPV7</b> 42: 8-10-11-13-14-17-19 mm 55: 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	7,45	1	000420097
<b>42/SPV11</b> 42MP: 8-9-10-11-12-13-14-15-16-17-19 mm	10,50	1	000420100
<b>142-142SN:</b> 8-9-10-11-12-13-14-15-16-17-19 mm			
<b>42/SPV15</b> 42: 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm	14,20	1	000420102

## 42AS

combination wrenches, open and offset ring ends



🔧	L mm	€	🔧	📦
1/4x1/4	95	10,10	2	000420106
9/32x9/32	106	10,20	2	000420107
5/16x5/16	116	10,30	2	000420108
3/8x3/8	137	11,40	2	000420110
7/16x7/16	148	12,20	2	000420111
1/2x1/2	169	12,60	2	000420113
9/16x9/16	180	13,70	2	000420114
19/32x19/32	191	15,00	2	000420115
5/8x5/8	201	15,90	2	000420116
11/16x11/16	212	17,00	2	000420117
3/4x3/4	233	18,10	2	000420119
13/16x13/16	254	21,90	2	000420121
7/8x7/8	264	22,60	2	000420122
15/16x15/16	285	26,50	2	000420124
1x1	296	27,00	2	000420125
1.1/16x1.1/16	317	31,00	2	000420127
1.1/8x1.1/8	338	33,50	2	000420129
1.1/4x1.1/4	370	41,00	2	000420132
1.5/16x1.5/16	391	67,00	1	000420133
1.3/8x1.3/8	412	77,00	1	000420135
1.7/16x1.7/16	412	79,50	1	000420136
1.1/2x1.1/2	433	83,50	1	000420138



	€	🔧	📦
<b>42AS/B9N</b> 1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4	133,00	1	000420159
<b>2002/BV9</b>	11,60	1	020020030



	€	🔧	📦
<b>42AS/13</b> 1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1	219,50	1	000420163
<b>42AS/16</b> 1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1-1.1/16-1.1/8-1.1/4	325,00	1	000420166
<b>42AS/17</b> 1/4-9/32-5/16-3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-13/16-7/8-15/16-1-1.1/16-1.1/8	309,00	1	000420168



## 42MP

combination wrenches, open and offset ring ends, bright chrome-plated



DIN 3113 UNI-ISO 7738

🔧	L mm	€	🔧	📦
6x6	95	13,80	5	000420606
7x7	105	13,90	5	000420607
8x8	116	14,00	5	000420608
9x9	127	14,10	5	000420609
10x10	137	14,20	5	000420610
11x11	148	14,50	5	000420611
12x12	158	14,60	5	000420612
13x13	169	14,80	5	000420613
14x14	180	16,00	5	000420614
15x15	190	17,30	5	000420615
16x16	201	18,30	5	000420616
17x17	212	19,10	5	000420617
18x18	222	20,40	5	000420618
19x19	233	21,10	5	000420619
20x20	243	24,10	3	000420620
21x21	254	25,50	3	000420621
22x22	264	26,00	3	000420622
24x24	285	30,00	3	000420624
27x27	317	35,50	3	000420627
30x30	349	44,00	3	000420630
32x32	370	46,00	3	000420632



	€	🔧	📦
<b>42MP/B9N</b> 6-7-8-10-11-13-14-17-19 mm	153,00	1	000420661
<b>2002/BV9</b>	11,60	1	020020030



	€	🔧	📦
<b>42MP/S17</b> 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	302,00	1	000420652
<b>42MP/S21</b> 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	457,00	1	000420653

## 42LMP

combination wrenches, open and offset ring ends, long series, bright chrome-plated



mm	L mm	€	🔧	📄
8x8	148	13,20	2	000420508
9x9	167	13,60	2	000420509
10x10	172	14,10	2	000420510
11x11	186	14,80	2	000420511
12x12	197	15,10	2	000420512
13x13	207	15,40	2	000420513
14x14	223	16,40	2	000420514
15x15	233	18,00	2	000420515
16x16	243	19,40	2	000420516
17x17	261	20,50	2	000420517
18x18	270	22,50	2	000420518
19x19	280	23,00	2	000420519
21x21	301	26,50	2	000420521
22x22	318	27,50	2	000420522
24x24	338	32,00	2	000420524
27x27	376	36,50	2	000420527
30x30	409	46,50	2	000420530
32x32	435	50,50	2	000420532



42LMP/S14 260,00 1 000420551

8-9-10-11-12-13-14  
15-16-17-18-19-21-22 mm

42LMP/S18 425,00 1 000420552

8-9-10-11-12-13-14  
15-16-17-18-19-21-22  
24-27-30-32 mm

## 42SLIM

combination wrenches with thin open ends



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm	€	🔧	📄
8x8	116	3,4	9,30	5	000420408
10x10	137	3,8	10,10	5	000420410
11x11	148	3,8	10,70	5	000420411
12x12	158	4,2	10,90	5	000420412
13x13	169	4,4	11,00	5	000420413
14x14	180	4,6	12,60	5	000420414
15x15	190	4,7	13,70	5	000420415
16x16	201	4,7	14,20	5	000420416
17x17	212	5,1	14,70	5	000420417
18x18	222	5,1	15,80	5	000420418
19x19	233	5,6	16,10	5	000420419



42SLIM/B8NI 111,50 1 000420478

10-11-12-13-14-15-17-19 mm

42SLIM/B8NE 115,00 1 000420479

10-11-12-13-16-17-18-19 mm

2002/BV8 11,60 1 020020020



42SLIM/S11 139,00 1 000420471

8-10-11-12-13-14-15-  
16-17-18-19 mm

## 45

combination wrenches,  
open and offset ring ends, heavy series



DIN 3113 UNI-ISO 7738

mm	L mm	€	🔧	📄
46x46	500	192,00	1	000450046
50x50	540	216,00	1	000450050
55x55	560	309,00	1	000450055
60x60	600	396,00	1	000450060
65x65	675	475,00	1	000450065
70x70	675	520,00	1	000450070
75x75	720	606,00	1	000450075
80x80	720	699,00	1	000450080

## 52

single open end wrenches



UNI 6733 DIN 3114

mm	L mm	€	🔧	📄
10	119	10,10	5	000520010
11	119	10,30	5	000520011
12	119	10,60	5	000520012
13	145	12,00	5	000520013
14	145	12,30	5	000520014
15	145	12,60	5	000520015
16	159	13,60	5	000520016
17	159	13,70	5	000520017
18	159	14,60	5	000520018
19	175	15,90	5	000520019
20	175	17,00	5	000520020
21	175	17,50	5	000520021
22	196	19,70	2	000520022
23	196	20,30	2	000520023
24	196	20,70	2	000520024
25	215	23,30	2	000520025
26	215	23,70	2	000520026
27	215	23,80	2	000520027
28	240	27,50	2	000520028
30	240	28,00	2	000520030
32	270	33,50	2	000520032
34	270	36,50	1	000520034
35	295	42,00	1	000520035
36	295	42,00	1	000520036
38	295	47,00	1	000520038
40	335	57,50	1	000520040
41	335	57,50	1	000520041
42	335	64,00	1	000520042
45	370	73,50	1	000520045
46	370	73,50	1	000520046
48	370	85,00	1	000520048
50	415	99,00	1	000520050
52	415	111,00	1	000520052
55	415	115,00	1	000520055
60	490	146,00	1	000520060
65	490	148,50	1	000520065
70	490	168,00	1	000520070

## 53

single open end wrenches DIN 894



mm	L mm	€	🔧	📄
36	317	31,00	1	000530036
38	320	34,00	1	000530038
41	342	40,00	1	000530041
46	396	48,50	1	000530046
50	412	76,00	1	000530050
55	457	87,00	1	000530055
60	492	107,50	1	000530060
65	528	127,50	1	000530065
70	572	147,50	1	000530070
75	608	185,00	1	000530075
80	645	226,50	1	000530080
85	690	275,00	1	000530085
90	690	326,00	1	000530090
95	847	455,00	1	000530095
100	847	481,00	1	000530100
105	1000	600,00	1	000530105
110	1000	649,00	1	000530110
115	1000	724,00	1	000530115
120	1000	821,00	1	000530120
125	1000	948,00	1	000530125
130	1000	1.016,00	1	000530130
135	1000	1.090,00	1	000530135

## 55

double open end wrenches



UNI-ISO 10102 DIN 3110

mm	L mm	€	🔧	📄
4x5	101	5,95	5	000550003
5x5,5	101	6,75	5	000550006
5,5x7	120	6,75	5	000550009
6x7	120	5,30	5	000550012
7x8	140	6,75	5	000550018
8x9	140	5,40	5	000550021
8x10	140	6,75	5	000550024
10x11	155	5,70	5	000550030
10x12	155	7,75	5	000550033
10x13	170	8,50	5	000550035
12x13	170	6,45	5	000550042
12x14	170	8,70	5	000550045
13x14	185	9,75	5	000550047
13x17	189	10,40	5	000550051
14x15	185	8,10	5	000550054
14x17	189	11,20	5	000550057
16x17	202	9,25	5	000550060
17x19	220	12,50	2	000550063
18x19	220	11,00	2	000550066
19x22	236	14,20	2	000550069
20x22	236	12,50	2	000550075
21x23	245	13,30	2	000550078
22x24	245	15,40	2	000550081
24x26	262	15,80	2	000550087
24x27	262	17,20	2	000550090
25x28	272	18,00	2	000550096
27x29	284	20,40	2	000550099
27x30	284	23,50	2	000550102
27x32	297	25,50	2	000550105
30x32	297	22,60	2	000550108
32x36	325	69,50	1	000550114
34x36	325	69,50	1	000550117
35x38	375	77,00	1	000550120
36x41	375	80,50	1	000550123
41x46	425	92,00	1	000550129
46x50	475	114,00	1	000550132
50x55	500	132,50	1	000550135
55x60	500	140,00	1	000550138





<b>55/B8N</b>	€ 75,50		1	000550160
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm				
<b>2002/BV8</b>	11,60		1	020020020
<b>55/B12N</b>	152,50		1	000550164
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm				
<b>2002/BV12</b>	19,30		1	020020040



<b>55/S8</b>	€ 63,50		1	000550174
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm				
<b>55/S12</b>	133,50		1	000550178
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm				
<b>55/S12X</b>	135,00		1	000550179
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x27 25x28-30x32 mm				
<b>55/S13</b>	154,00		1	000550182
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm				



55/SP7



55/SP13

<b>55/SP7</b>	€ 54,00		1	000550167
6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm				
<b>42/SPV7</b>	7,45		1	000420097
42: 8-10-11-13-14-17-19 mm 55: 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm				
<b>55/SP13</b>	191,00		1	000550186
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm				
<b>55/SPV</b>	37,00		1	000550190

## 55AS double open end wrenches



	L mm	€		
1/4x9/32	120	7,10	2	000550203
1/4x5/16	120	7,10	2	000550206
5/16x11/32	140	7,65	2	000550209
5/16x3/8	140	7,65	2	000550212
3/8x7/16	155	8,25	2	000550215
7/16x1/2	170	9,10	2	000550218
1/2x9/16	170	9,75	2	000550221
9/16x5/8	185	10,70	2	000550224
19/32x11/16	189	13,10	2	000550227
5/8x11/16	202	13,10	2	000550230
5/8x3/4	202	14,70	2	000550233
11/16x13/16	220	15,30	2	000550242
3/4x7/8	236	16,50	2	000550245
25/32x13/16	236	16,50	2	000550244
7/8x15/16	245	17,80	2	000550251
15/16x1	262	22,60	1	000550257
1x1.1/8	272	23,80	1	000550259
1.1/16x1.1/4	284	31,00	1	000550267
1.1/8x1.5/16	297	31,00	1	000550266
1.5/16x1.1/2	325	82,00	1	000550269
1.3/8x1.1/2	375	90,50	1	000550272
1.7/16x1.5/8	375	90,50	1	000550275



<b>55AS/5</b>	€ 55,00		1	000550290
5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8				
<b>55AS/8</b>	88,50		1	000550296
1/4x9/32-5/16x11/32-3/8x7/16- 1/2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-3/4x7/8				
<b>55AS/12</b>	182,00		1	000550298
1/4x9/32-5/16x11/32-3/8x7/16-1 /2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-25/32x13/16-3/4x7/8- 15/16x1-1x1.1/8-1.1/16x1.1/4				

## 55MP double open end wrenches, bright chrome-plated



UNI-ISO 10102 DIN 3110

	L mm	€		
6x7	120	7,05	2	000550603
8x9	140	7,55	2	000550606
10x11	155	8,40	2	000550609
12x13	170	9,15	2	000550612
14x15	185	10,90	2	000550615
16x17	202	12,80	2	000550618
18x19	220	14,80	2	000550621
20x22	236	17,00	2	000550624
21x23	245	18,50	2	000550627
24x26	262	22,10	1	000550630
25x28	272	23,30	1	000550633
27x29	284	27,00	1	000550636
30x32	297	30,50	1	000550639



<b>55MP/S8</b>	€ 87,50		1	000550650
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm				
<b>55MP/S13</b>	209,00		1	000550651
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm				
<b>55MP/S12</b>	182,00		1	000550653
6x7-8x9-10x11-12x13-14x15- 16x17-18x19-20x22-21x23-24x26- 25x28-30x32 mm				

## 58 open end slogging wrenches



DIN 133

	L mm	€		
24	177	32,00	1	000580024
27	180	33,50	1	000580027
30	190	37,00	1	000580030
32	190	38,50	1	000580032
34	200	48,50	1	000580034
36	215	50,00	1	000580036
41	235	59,50	1	000580041
46	255	79,50	1	000580046
50	275	89,00	1	000580050
55	300	107,00	1	000580055
60	320	117,00	1	000580060
65	342	153,50	1	000580065
70	375	198,00	1	000580070
75	375	216,00	1	000580075
80	408	316,00	1	000580080
85	408	354,00	1	000580085
90	445	408,00	1	000580090
95	445	420,00	1	000580095
100	485	581,00	1	000580100
105	485	656,00	1	000580105
110	510	718,00	1	000580110
115	510	818,00	1	000580115
120	545	843,00	1	000580120
125	545	965,00	1	000580125
130	575	1.305,00	1	000580130
135	575	1.370,00	1	000580135
*140	575	1.485,00	1	000580140
*145	640	2.035,00	1	000580145
*150	640	2.115,00	1	000580150
*155	640	2.315,00	1	000580155
*160	640	2.540,00	1	000580160
*165	715	2.720,00	1	000580165
*170	715	3.710,00	1	000580170
*175	715	3.920,00	1	000580175
*180	715	4.250,00	1	000580180
*185	715	4.370,00	1	000580185
*190	800	4.800,00	1	000580190
*195	800	5.040,00	1	000580195
*200	800	5.280,00	1	000580200
*210	800	6.590,00	1	000580210
*220	800	8.500,00	1	000580220
*230	800	10.380,00	1	000580230

## 73

small double open end wrenches



UNI 6737

mm	L mm	€	U	PC
4x4	78	8,90	5	000730040
4,5x4,5	78	8,90	5	000730045
5x5	78	8,90	5	000730050
5,5x5,5	86	9,65	5	000730055
6x6	86	9,65	5	000730060
7x7	86	9,65	5	000730070
8x8	97	10,10	5	000730080
9x9	97	10,10	5	000730090
10x10	108	10,90	5	000730100
11x11	108	10,90	5	000730110
12x12	124	12,60	5	000730120
13x13	124	12,60	5	000730130
14x14	124	12,60	5	000730140



	€	U	PC
<b>73/B13N</b>	147,00	1	000730202
4-4,5-5-5,5-6-7-8-9			
10-11-12-13-14 mm			
<b>2002/BV13</b>	11,60	1	020020050



	€	U	PC
<b>73/S13</b>	135,50	1	000730210
4-4,5-5-5,5-6-7-8-9			
10-11-12-13-14 mm			



## 78

ring slogging wrenches



DIN 7444

mm	L mm	€	U	PC
24	162	32,50	1	000780024
27	180	38,00	1	000780027
30	190	45,00	1	000780030
32	190	48,00	1	000780032
34	200	55,00	1	000780034
36	205	59,50	1	000780036
41	225	77,00	1	000780041
46	235	86,00	1	000780046
50	250	102,00	1	000780050
55	265	116,50	1	000780055
60	275	142,00	1	000780060
65	295	179,50	1	000780065
70	325	180,50	1	000780070
75	325	214,00	1	000780075
80	350	328,00	1	000780080
85	350	359,00	1	000780085
90	390	439,00	1	000780090
95	390	508,00	1	000780095
100	420	562,00	1	000780100
105	420	663,00	1	000780105
110	450	724,00	1	000780110
115	450	824,00	1	000780115
120	490	1.133,00	1	000780120
125	480	1.530,00	1	000780125
130	520	1.765,00	1	000780130
135	520	1.890,00	1	000780135
*140	520	2.150,00	1	000780140
*145	580	2.710,00	1	000780145
*150	580	2.840,00	1	000780150
*155	580	3.270,00	1	000780155
*160	650	3.350,00	1	000780160
*165	650	3.560,00	1	000780165
*170	650	4.270,00	1	000780170
*175	650	4.620,00	1	000780175
*180	650	5.070,00	1	000780180
*185	695	5.230,00	1	000780185
*190	695	5.720,00	1	000780190
*195	695	5.730,00	1	000780195
*200	695	5.810,00	1	000780200
*210	740	6.200,00	1	000780210
*215	740	6.940,00	1	000780215
*220	740	7.650,00	1	000780220
*230	740	9.480,00	1	000780230

## 78AS

ring slogging wrenches



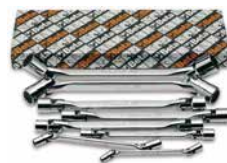
mm	L mm	€	U	PC
*1.1/16	180	46,00	1	000780327
*1.1/8	190	46,00	1	000780329
*1.3/16	190	46,00	1	000780330
*1.1/4	197	50,00	1	000780332
*1.5/16	197	51,50	1	000780333
*1.3/8	223	55,00	1	000780335
*1.7/16	223	66,50	1	000780336
*1.1/2	223	68,50	1	000780338
*1.5/8	223	78,00	1	000780341
*1.11/16	225	81,50	1	000780343
*1.13/16	240	90,00	1	000780346
*1.7/8	250	91,00	1	000780348
*2	250	104,00	1	000780350
*2.1/16	250	107,50	1	000780352
*2.3/16	275	113,50	1	000780355
*2.3/8	270	153,50	1	000780360
*2.9/16	302	170,00	1	000780365
*2.3/4	350	185,00	1	000780370
*2.15/16	350	213,50	1	000780375
*3.1/8	354	353,00	1	000780380

## 80

double swivel end socket wrenches



mm	L mm	€	U	PC
6x7	170	36,00	3	000800006
8x9	176	37,00	3	000800008
8x10	179	37,00	3	000800009
10x11	182	39,00	3	000800010
12x13	228	44,50	3	000800012
14x15	232	45,00	3	000800014
13x17	231	48,00	3	000800015
16x17	234	48,00	2	000800016
18x19	285	59,50	2	000800018
19x22	287	62,50	2	000800019
20x22	289	62,50	2	000800020
21x23	289	63,50	2	000800021
24x27	405	104,00	2	000800024
30x32	413	110,50	2	000800030



	€	U	PC
<b>80/S8</b>	371,00	1	000800051
6x7-8x9-10x11-12x13-14x15			
16x17-18x19-20x22 mm			
<b>80/S11</b>	649,00	1	000800056
6x7-8x9-10x11-12x13			
14x15-16x17-18x19-20x22			
21x23-24x27-30x32 mm			

## 83

half-moon ring wrenches



ISO 3318

mm	L mm	€	U	PC
8x10	126	18,00	3	000830008
10x12	137	18,90	3	000830010
11x13	138	19,40	3	000830011
14x17	183	24,40	3	000830014
15x17	184	27,50	2	000830015
16x18	196	30,00	2	000830016
19x22	231	38,50	2	000830019



	€	U	PC
<b>83/S3</b>	82,50	1	000830081
11x13-14x17-19x22 mm			
<b>83/S5</b>	134,50	1	000830085
10x12-11x13-15x17			
16x18-19x22 mm			

## 83AS

half-moon ring wrenches



mm	L mm	€	U	IT
7/16x1/2	138	23,10	2	000830111
9/16x5/8	183	27,50	2	000830114
3/4x7/8	230	43,50	2	000830119



mm	L mm	€	U	IT
83AS/3		94,00	1	000830181
7/16x1/2-9/16x5/8 3/4x7/8				

## 88

double ended flat ring wrenches, extra-long series



mm	L mm	€	U	IT
8x10	235	20,40	2	000880008
12x14	330	24,10	2	000880012
13x15	330	24,10	2	000880013
16x18	405	33,50	2	000880016
17x19	405	33,50	2	000880017
21x23	435	38,50	2	000880021
22x24	435	38,50	2	000880022



mm	L mm	€	U	IT
88/S7		212,50	1	000880107
8x10-12x14-13x15-16x18- 17x19-21x23-22x24 mm				

## 90

double ended deep offset ring wrenches

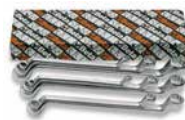


DIN 838 ISO 10104

mm	L mm	€	U	IT
6x7	165	10,10	5	000900006
8x9	180	10,80	5	000900012
8x10	180	12,70	5	000900015
10x11	195	11,90	5	000900018
10x12	195	12,90	5	000900021
11x13	215	14,20	5	000900024
12x13	215	13,00	5	000900027
12x14	215	14,90	5	000900030
14x15	230	14,20	5	000900033
14x17	250	17,60	5	000900036
16x17	250	16,20	5	000900039
17x19	265	20,90	5	000900042
18x19	265	18,90	5	000900045
19x22	285	23,50	3	000900048
20x22	285	21,80	3	000900051
21x23	305	24,60	2	000900057
22x24	305	26,50	2	000900060
24x26	325	27,50	2	000900063
24x27	325	30,50	2	000900067
25x28	340	33,00	2	000900070
27x29	355	35,50	2	000900073
27x30	355	38,50	2	000900076
27x32	375	43,00	2	000900078
30x32	375	40,00	2	000900080
32x36	395	59,50	1	000900088
34x36	415	70,50	1	000900089
35x38	415	71,50	1	000900091
36x41	435	81,50	1	000900094
41x46	460	117,00	1	000900097
46x50	500	154,50	1	000900100



mm	L mm	€	U	IT
90/B8N		128,50	1	000900156
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm				
2002/BV8		11,60	1	020020020



mm	L mm	€	U	IT
90/S8		117,00	1	000900162
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm				
90/S12		242,00	1	000900166
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm				
90/S12X		245,00	1	000900167
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x27 25x28-30x32 mm				
90/S13		277,00	1	000900170
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm				



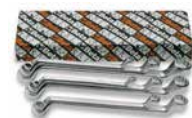
mm	L mm	€	U	IT
90/SP13		314,00	1	000900174
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm				
55/SPV		37,00	1	000550190

## 90AS

double ended deep offset ring wrenches



mm	L mm	€	U	IT
1/4x5/16	165	11,60	2	000900203
5/16x11/32	180	12,50	2	000900206
5/16x3/8	180	12,80	2	000900209
3/8x7/16	195	13,00	2	000900212
7/16x1/2	215	14,60	2	000900215
1/2x9/16	230	16,70	2	000900218
9/16x5/8	230	16,70	2	000900221
19/32x11/16	250	18,20	2	000900222
5/8x11/16	250	18,90	2	000900224
5/8x3/4	265	22,30	2	000900227
11/16x3/4	265	22,30	1	000900230
11/16x13/16	265	22,30	1	000900233
3/4x25/32	265	26,00	1	000900235
3/4x7/8	285	26,00	1	000900237
13/16x7/8	285	26,50	1	000900240
7/8x15/16	305	26,50	1	000900243
15/16x1	325	32,00	1	000900252
1.1/16x1.1/4	375	46,00	1	000900258
1.1/8x1.5/16	375	46,50	1	000900261



mm	L mm	€	U	IT
90AS/8		153,50	1	000900298
1/4x5/16-5/16x11/32 3/8x7/16-1/2x9/16 5/8x11/16-11/16x3/4 13/16x7/8-15/16x1				
90AS/10		246,00	1	000900300
1/4x5/16-5/16x11/32 3/8x7/16-1/2x9/16 5/8x11/16-11/16x3/4 13/16x7/8-15/16x1 1.1/16x1.1/4-1.1/8x1.5/16				

 Beta

 Beta



## 91

heavy duty offset ring wrenches



mm	Ø mm	€		
24	38	58,00	1	000910024
27	41	60,00	1	000910027
30	48	64,50	1	000910030
32	49	69,50	1	000910032
36	54	79,50	1	000910036
41	62	94,50	1	000910041
46	69	110,50	1	000910046
50	76	126,00	1	000910050
55	81	141,00	1	000910055
60	90	176,00	1	000910060
65	98	197,00	1	000910065
70	105	221,50	1	000910070
75	110	254,00	1	000910075
80	125	291,00	1	000910080
85	125	304,00	1	000910085
90	140	544,00	1	000910090
95	140	595,00	1	000910095
100	143	631,00	1	000910100
105	146	705,00	1	000910105

## 92

tubes for item 91



	L mm	91 mm	Ø mm	€		
92/1	460	24÷30	19	35,00	1	000920010
92/2	610	32÷41	22	53,50	1	000920020
92/3	760	46÷55	25	76,00	1	000920030
92/4	860	60÷105	30	101,00	1	000920040

## 93

double-ended offset ring wrench for scaffolding bolts



mm	L mm	€		
21x22	310	41,50	3	000930021

## 93C

ratcheting double-ended offset ring wrenches for scaffolding bolts



mm	L mm	€		
17x19	310	47,00	1	000930117
19x22	310	50,50	1	000930119
19x24	310	62,00	1	000930120
21x22	365	56,50	1	000930121
36x38	445	95,00	1	000930136

## 94

flare nut open ring wrenches



DIN 3118

mm	L mm	€		
8x10	140	17,60	2	000940008
9x11	153	18,30	2	000940009
10x11	153	19,30	2	000940010
11x13	175	19,90	2	000940011
12x14	175	21,10	2	000940012
13x15	175	21,10	2	000940013
14x15	175	24,80	2	000940014
14x17	195	25,50	2	000940015
17x19	212	26,00	2	000940017
19x22	228	27,50	2	000940019
22x24	242	34,00	2	000940022
24x27	260	37,00	2	000940024
30x32	300	48,00	2	000940030
36x41	320	82,00	1	000940036



	€		
94/S6	131,50	1	000940050
8x10-10x11-11x13-12x14 17x19-19x22 mm			
94/S10	269,00	1	000940052
8x10-9x11-10x11-11x13 12x14-17x19-19x22 22x24-24x27-30x32 mm			

## 95

double ended flat ring wrenches



DIN 837 ISO 10103

mm	L mm	€		
6x7	120	11,50	3	000950161
8x9	135	12,40	3	000950162
10x11	150	14,00	3	000950163
12x13	165	15,20	3	000950164
14x15	185	16,00	3	000950165
16x17	210	17,00	3	000950166
17x19	225	19,70	3	000950167
18x19	225	19,70	2	000950168
20x22	240	22,30	2	000950169
21x23	255	23,50	2	000950170
24x26	270	24,80	2	000950171
25x28	285	30,00	2	000950172
27x29	315	30,50	2	000950173
30x32	335	34,50	2	000950174



	€		
95/S8	128,00	1	000950177
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm			
95/S13	271,00	1	000950179
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm			

## 95FTX

double-ended straight wrenches, for Torx® head screws



	L mm	€		
E6xE8	115	11,90	2	000950306
E10xE12	143	12,50	2	000950310
E14xE18	177	14,20	2	000950314
E20xE24	224	19,30	2	000950320



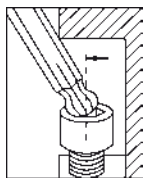
	€		
95FTX/S4	58,00	1	000950325
E6xE8-E10xE12 E14xE18-E20xE24			



**Beta**

# OFFSET HEXAGON KEY WRENCHES

Beta's hexagon key wrenches have been designed for long, accurate operation. The wide range covers all use requirements: the extra-short, short, long, extra-long, ball head and T-wrenches as well as the wrenches with high torque handles are among Beta's flagship products and are unrivalled in the market.



The ball head offset hexagon key wrenches allow operation at an angle of up to 30° to the screw axis.

The keys are packaged in a wallet for quick identification of the required size. When closed, it prevents the wrenches, including the smaller ones, from accidentally coming out.



The Color version combines the outstanding features of the standard wrenches with immediate identification of the required size to speed up daily work.



	€	🔧	📦
<b>96/B8</b> 2-2,5-3-4-5-6-8-10 mm	18,30	5	000960386
<b>96/B10</b> 1,5-2-2,5-3-4-5-6-8-10-12 mm	26,00	5	000960380
<b>96N/BV</b>	1,99	1	000960651



	€	🔧	📦
<b>96/SC9</b> 1,5-2-2,5-3-4-5-6-8-10 mm	21,80	1	000960374
<b>96/SCV</b>	4,45	1	000960985



	€	🔧	📦
<b>96/SC12</b> 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	31,00	1	000960395
<b>96/SCV12</b>	5,30	1	000960975

## 96

offset hexagon key wrenches  
chrome-plated



ISO 2936

mm	L mm	L1 mm	€	🔧	📦
0,9	35	8	1,02	20	000960013
1,3	39	10	1,02	20	000960014
1,5	45	15	1,02	20	000960015
2	50	17	1,08	20	000960020
2,5	57	20	1,08	20	000960025
3	64	22	1,27	20	000960030
3,5	68	25	1,51	20	000960035
4	72	28	1,58	20	000960040
4,5	78	30	1,63	20	000960045
5	83	32	1,69	20	000960050
5,5	88	35	2,13	20	000960055
6	94	37	2,13	20	000960060
7	99	40	2,64	10	000960070
8	105	43	3,10	10	000960080
9	111	46	3,65	10	000960090
10	119	49	4,35	10	000960100
11	126	52	5,45	10	000960110
12	134	56	6,55	10	000960120
13	142	62	8,35	10	000960130
14	151	69	9,80	10	000960140
16	165	75	14,40	5	000960160
17	174	79	15,10	5	000960170
19	196	88	21,10	5	000960190
22	216	100	33,00	3	000960220
24	242	112	43,50	1	000960240
27	271	125	57,50	1	000960270
30	309	140	77,50	1	000960300
32	341	155	102,00	1	000960312
36	385	174	147,00	1	000960316



	€	🔧	📦
<b>96/ST6</b> 2,5-3-4-5-6-8 mm	14,70	3	000960370



	€	🔧	📦
<b>96/BGS7</b> 1,5-2-2,5-3-4-5-6 mm	32,50	1	000960367



	€	🔧	📦
<b>96/BG7</b> 2,5-3-4-5-6-8-10 mm	34,50	1	000960368

## 96N

offset hexagon key wrenches,  
burnished



ISO 2936

mm	L mm	L1 mm	€	🔧	📦
0,9	32	10	0,51	20	000960409
1,3	44	12	0,51	20	000960413
1,5	46	15	0,54	20	000960415
2	51	17	0,57	20	000960420
2,5	57	20	0,59	20	000960425
3	64	22	0,66	20	000960430
3,5	68	25	0,79	20	000960435
4	72	28	0,90	20	000960440
4,5	78	30	0,98	20	000960445
5	83	32	1,03	20	000960450
6	94	37	1,29	20	000960460
7	99	40	1,72	10	000960470
8	105	43	2,04	10	000960480
9	111	46	2,66	10	000960490
10	119	49	3,15	10	000960500
11	126	52	3,90	10	000960510
12	134	56	4,75	10	000960520
13	142	62	6,35	10	000960530
14	151	69	7,15	10	000960540
16	165	72	10,80	5	000960560
17	174	79	11,60	5	000960570
19	194	88	15,70	5	000960590
22	216	99	29,00	1	000960592
24	242	111	38,00	1	000960594



**96N/ST6**  
2,5-3-4-5-6-8 mm

€ 10,30 3 000960640



**96N/G7**  
2,5-3-4-5-6-8-10 mm

€ 27,00 3 000960645

**96N/G7A**  
1,5-2-2,5-3-4-5-6 mm

€ 18,90 3 000960643



**96N/B10**  
1,5-2-2,5-3-4-5-6  
8-10-12 mm

€ 17,50 5 000960650

**96N/BV**  
1,99 1 000960651



**96N/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm

€ 15,20 1 000960644

**96N/SCV**  
4,45 1 000960986



**96N/SC12**  
2-2,5-3-3,5-4-4,5-5  
6-7-8-9-10 mm

€ 21,70 1 000960661

**96N/SCV12**  
5,30 1 000960976

## 96C/AS

offset hexagon key wrenches,  
chrome-plated



"	L mm	L1 mm	g	€	3	1
1/16	46	16	1,01	1,79	20	000961702
3/32	53	19	2,70	2,48	20	000961706
1/8	60	22	5,33	2,61	20	000961710
5/32	67	25	9,33	3,05	20	000961714
3/16	74	28	14,87	3,45	20	000961716
7/32	81	32	22,00	3,90	20	000961718
1/4	89	35	31,40	4,35	20	000961720
5/16	103	40	56,16	4,85	10	000961724
3/8	117	45	91,31	6,00	10	000961728



**96C-AS/SC9**  
1/16-3/32-1/8-5/32-3/16-  
7/32-1/4-5/16-3/8

€ 37,00 1 000961753

## 96AS

offset hexagon key wrenches,  
burnished



"	L mm	L1 mm	€	20	1
1/30 (0,035")	44	14	0,91	20	000960698
1/20 (0,050")	44	15	0,91	20	000960701
1/16	46	16	0,98	20	000960702
5/64	50	18	1,21	20	000960704
3/32	53	19	1,39	20	000960706
7/64	57	21	1,43	20	000960708
1/8	60	22	1,45	20	000960710
9/64	64	24	1,73	20	000960712
5/32	68	25	1,79	20	000960714
3/16	75	29	1,99	20	000960716
7/32	82	32	2,23	20	000960718
1/4	89	35	2,61	20	000960720
5/16	103	40	3,25	10	000960724
3/8	117	44	3,95	10	000960728
7/16	132	49	5,75	10	000960730
1/2	149	54	7,25	10	000960732
9/16	151	69	11,90	2	000960734
5/8	165	72	14,40	1	000960736
3/4	194	88	23,80	1	000960738



**96AS/SC9**  
1/16-3/32-1/8-5/32-3/16  
7/32-1/4-5/16-3/8

€ 24,10 1 000960743

**96AS/SCV**  
4,45 1 000960744



**96AS/T7**  
3/32-1/8-5/32  
3/16-7/32-1/4-5/16

€ 19,50 3 000960740



**96AS/BG7**  
3/32-1/8-5/32-3/16  
1/4-5/16-3/8

€ 34,50 1 000960747



**96AS/B11**  
1/20-1/16-5/64-3/32  
1/8-5/32-3/16-7/32  
1/4-5/16-3/8

€ 23,80 1 000960749

**96N/BV**  
1,99 1 000960651



## 96LC

offset hexagon key wrenches,  
long series, chrome-plated



ISO 2936

mm	L mm	L1 mm	€	20	1
2	101	17	1,94	20	000960320
2,5	113	20	2,07	20	000960321
3	127	22	2,26	20	000960322
3,5	138	25	2,31	20	000960323
4	142	28	2,51	20	000960324
4,5	154	28	2,94	20	000960325
5	163	32	3,20	20	000960326
6	184	37	3,45	20	000960327
7	194	40	3,95	10	000960328
8	205	43	4,85	10	000960329
9	216	46	5,35	10	000960330
10	231	49	6,95	10	000960331
12	259	56	8,60	10	000960332

**Beta**





<b>96LC/SC8</b>	€ 31,50	1	000960334
2-2,5-3-4-5-6-8-10 mm			
<b>96LC/SCV</b>	4,45	1	000960983



<b>96LC/SC12</b>	€ 47,00	1	000960337
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm			
<b>96LC/SCV12</b>	5,30	1	000960977

### 96L

offset hexagon key wrenches,  
long series, burnished



ISO 2936

mm	L mm	L1 mm	€	U	IT
2	99	15	1,37	20	000960820
2,5	110	17	1,42	20	000960825
3	124	19	1,61	20	000960830
3,5	135	21	1,73	20	000960835
4	138	24	1,92	20	000960840
4,5	150	25	2,23	20	000960845
5	158	27	2,35	20	000960850
6	178	31	2,66	20	000960860
7	187	33	3,40	10	000960870
8	197	35	4,30	10	000960880
9	207	37	4,80	10	000960890
10	221	39	6,40	10	000960900
12	247	44	8,25	10	000960920



<b>96L/SC8</b>	€ 26,50	1	000960924
2-2,5-3-4-5-6-8-10 mm			
<b>96L/SCV</b>	4,45	1	000960987



<b>96L/SC12</b>	€ 39,50	1	000960929
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm			
<b>96L/SCV12</b>	5,30	1	000960978

### 96BP-CL

ball head offset hexagon key wrenches,  
chrome-plated,  
coloured



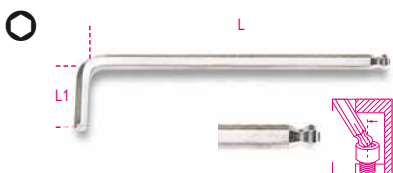
mm	L mm	L1 mm	€	U	IT
1,5	91	16	3,05	5	000961600
2	102	17	3,40	5	000961601
2,5	113	21	3,75	5	000961602
3	128	23	4,20	5	000961603
4	143	28	4,65	5	000961604
5	163	33	5,05	5	000961605
6	185	37	6,45	5	000961606
8	206	43	8,80	2	000961608
10	231	50	11,60	2	000961610



<b>96BP-CL/SC9</b>	€ 55,50	1	000961619
1,5-2-2,5-3-4-5-6-8-10 mm			
<b>96BP-CL/SCV</b>	4,45	1	000961629

### 96BPC

ball head offset hexagon key wrenches  
chrome-plated



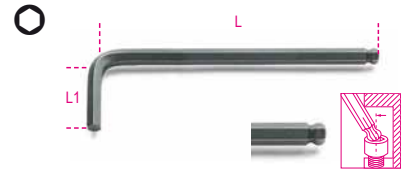
mm	L mm	L1 mm	€	U	IT
1,5	79	13	2,29	10	000960340
2	84	15	2,41	10	000960341
2,5	89	17	2,53	10	000960342
3	99	19	2,71	10	000960343
4	108	24	3,10	10	000960344
5	126	27	3,75	10	000960345
6	148	31	5,35	10	000960346
7	157	33	7,05	5	000960353
8	168	35	7,15	5	000960347
10	187	39	11,60	5	000960348
12	220	55	14,90	5	000960352



<b>96BPC/SC9</b>	€ 45,50	1	000960354
1,5-2-2,5-3-4-5-6-8-10 mm			
<b>96BPC/SCV</b>	4,45	1	000960984

### 96BP

ball head offset hexagon key wrenches  
burnished



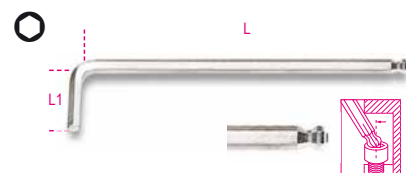
mm	L mm	L1 mm	€	U	IT
1,5	79	13	1,73	10	000960960
2	84	15	1,85	10	000960961
2,5	89	17	1,92	10	000960962
3	99	19	1,99	10	000960963
4	108	24	2,29	10	000960965
5	126	27	3,05	10	000960967
6	148	31	4,35	10	000960968
8	168	35	6,25	5	000960970
10	187	39	10,60	5	000960972
12	220	55	15,80	5	000960973



<b>96BP/SC9</b>	€ 38,50	1	000960974
1,5-2-2,5-3-4-5-6-8-10 mm			
<b>96BP/SCV</b>	4,45	1	000960988

### 96LBP

ball head offset hexagon key wrenches,  
extra-long model



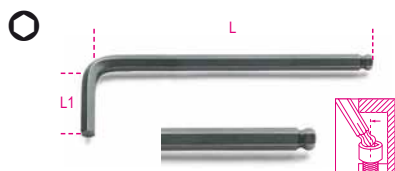
mm	L mm	L1 mm	€	U	IT
1,5	90	15	2,66	5	000961340
2	100	17	2,81	5	000961341
2,5	112	20	2,97	5	000961342
3	127	22	3,10	5	000961343
4	144	27	3,80	5	000961344
5	163	32	4,55	5	000961345
6	184	37	6,30	5	000961346
8	204	44	8,65	2	000961348
10	230	49	13,80	2	000961350



<b>96LBP/SC9</b>	€ 53,00	1	000961354
1,5-2-2,5-3-4-5-6-8-10 mm			
<b>96LBP/SCV</b>	4,45	1	000961984

## 96BP/AS

ball head offset hexagon wrenches  
burnished



"	L mm	L1 mm	€	🔧	🚚
3/32	89	17	2,10	10	000960989
1/8	98	18	2,23	10	000960990
5/32	108	24	2,66	10	000960991
3/16	126	26	3,05	10	000960992
7/32	139	28	4,40	10	000960993
1/4	152	31	4,80	10	000960994
5/16	168	34	6,35	5	000960995
3/8	190	39	10,50	5	000960996



<b>96BP-AS/SC9</b> 1/16-3/32-1/8-5/32-3/16	€ 41,50	🔧 1	🚚 000961000
<b>96BP-AS/SCV</b> 7/32-1/4-5/16-3/8	€ 4,45	🔧 1	🚚 000961001



<b>96BP-AS/8</b> 3/32-1/8-5/32-3/16-7/32 1/4-5/16-3/8	€ 38,00	🔧 1	🚚 000960997
<b>96BP-AS/BV</b>	€ 1,99	🔧 1	🚚 000960998

## 96BPA

ball head offset hexagon key wrenches, 110°,  
extra-short side model



mm	L mm	L1 mm	€	🔧	🚚
1,5	71	9	2,48	5	000961960
2	86	11	2,61	5	000961961
2,5	96	13	2,71	5	000961962
3	104	15	2,97	5	000961963
4	116	17	3,55	5	000961964
5	132	19	4,25	5	000961965
6	155	21	6,15	5	000961966
8	176	24	8,15	2	000961968
10	200	27	12,70	2	000961970



<b>96BPA/SC9</b> 1,5-2-2,5-3-4-5-6-8-10 mm	€ 50,00	🔧 1	🚚 000961974
<b>96BPA/SCV</b>	€ 4,45	🔧 1	🚚 000961988

## 96T

### OFFSET HEXAGON KEY WRENCHES

with high torque handles

*Rapid and easy to handle*

The small-size handle is perfectly balanced to quickly rotate in the palm of the hand. The ergonomic shape allows extremely high torques to be applied.

The hexagon ends have been designed to transmit the maximum possible torque to the screw.

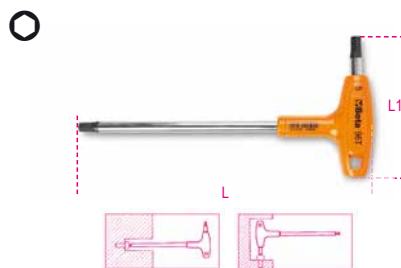
The round blade has a homogenous frame compared to the hexagon blade and provides increased strength.



Blade passes through handle

## 96T

offset hexagon key wrenches,  
with high torque handles



mm	L mm	L1 mm	€	🔧	🚚
2	139	52	11,90	5	000960934
2,5	153	55	11,90	5	000960935
3	153	55	12,50	5	000960936
3,5	179	70	12,90	5	000960937
4	179	70	12,90	5	000960938
4,5	200	84	13,20	5	000960939
5	200	84	13,20	5	000960940
6	221	103	15,10	5	000960941
7	236	106	16,60	3	000960942
8	255	117	19,30	3	000960943
10	285	132	22,20	3	000960945



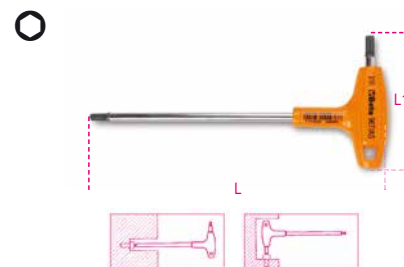
<b>96T/S6</b> 2-2,5-3-4-5-6 mm	€ 77,50	🔧 1	🚚 000960952
<b>96T/S8</b> 2-2,5-3-4-5-6-8-10 mm	€ 119,00	🔧 1	🚚 000960933
<b>96T/S11</b> 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	€ 161,50	🔧 1	🚚 000960951



<b>96T/SP11</b> 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	€ 190,50	🔧 1	🚚 000960957
<b>96T/SPV</b> 96T/S11 97TTX/S11	€ 36,00	🔧 1	🚚 000960958

## 96T/AS

offset hexagon key wrenches,  
with high torque handles



"	L mm	L1 mm	€	🔧	🚚
3/32	153	55	14,80	2	000960669
7/64	153	55	14,80	2	000960670
1/8	179	70	15,00	2	000960671
9/64	179	70	15,70	2	000960672
5/32	200	84	15,70	2	000960673
3/16	200	84	15,70	2	000960674
7/32	221	103	17,50	2	000960675
1/4	236	106	19,50	2	000960676
5/16	255	117	22,20	2	000960678
3/8	285	132	26,50	2	000960680



<b>96T/AS8</b> 3/32-7/64-1/8-5/32-3/16-1/4-5/16-3/8	€ 144,00	🔧 1	🚚 000960682
<b>96T/AS10</b> 3/32-7/64-1/8-9/64-5/32-3/16-7/32-1/4-5/16-3/8	€ 177,50	🔧 1	🚚 000960683

## 96TBP

ball head offset hexagon key wrenches with high torque handles



mm	L mm	L1 mm	€	🔧	📦
2,5	153	55	12,50	3	000960685
3	153	55	13,10	3	000960686
4	179	70	13,80	3	000960687
5	200	84	14,40	3	000960688
6	221	103	15,70	3	000960689
8	255	117	20,80	2	000960690
10	285	132	22,20	2	000960692



96TBP/S6  
2,5-3-4-5-6-8 mm

€ 90,50 1 000960694

## 97TX

offset key wrenches, for Torx® head screws



⊙	L mm	L1 mm	€	🔧	📦
T6	42	16	6,65	5	000970006
T7	48	16	6,65	5	000970007
T8	48	16	6,65	5	000970008
T9	48	16	7,30	5	000970009
T10	51	17	7,45	5	000970010
T15	54	18	7,45	5	000970015
T20	57	19	7,95	5	000970020
T25	60	20	8,15	5	000970025
T27	64	21	8,90	5	000970027
T30	70	24	8,90	5	000970030
T40	76	26	9,95	5	000970040
T45	83	29	11,90	5	000970045
T50	95	32	13,60	5	000970050
T55	108	35	17,30	5	000970055
T60	120	38	22,90	5	000970060



97TX/ST8  
T9-T10-T15-T20-T25  
T27-T30-T40

€ 71,50 1 000970640



97TX/G8  
T9-T10-T15-T20-T25  
T27-T30-T40

€ 56,00 1 000970645



97TX/BG8  
T9-T10-T15-T20-T25-T27-T30-T40

€ 44,50 1 000970368



97TX/SC8  
T9-T10-T15-T20-T25  
T27-T30-T40

€ 70,50 1 000970064

97TX/SCV 4,45 1 000970985



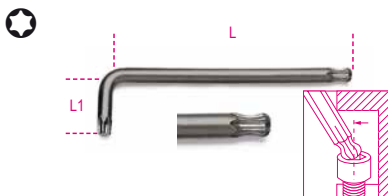
97TX/B13  
T6-T7-T8-T9-T10-T15-T20  
T25-T27-T30-T40-T45-T50

€ 113,50 1 000970650

96N/BV 1,99 1 000960651

## 97BTX

ball head offset key wrenches, for Torx(R) head screws



⊙	L mm	L1 mm	€	🔧	📦
T9	62	16	8,45	5	000970109
T10	71	17	8,45	5	000970110
T15	81	18	8,45	5	000970115
T20	92	19	9,10	5	000970120
T25	94	20	9,70	5	000970125
T27	105	21	10,30	5	000970127
T30	114	24	10,40	5	000970130
T40	129	26	12,00	5	000970140
T45	133	28	14,10	5	000970145
T50	152	32	15,80	3	000970150
T55	164	35	22,60	3	000970155



97BTX/SC8  
T9-T10-T15-T20-T25-T27-T30-T40

€ 81,50 1 000970164

97BTX/SCV 4,45 1 000970983



97BTX/B8  
T9-T10-T15-T20-T25  
T27-T30-T40

€ 79,00 1 000970159

96N/BV 1,99 1 000960651

## 97BTX-C

ball head offset key wrenches, for Torx® head screws, coloured



⊙	L mm	L1 mm	Color	€	🔧	📦
T9	80	16	Yellow	9,35	5	000971609
T10	86	17	Light Green	9,35	5	000971610
T15	90	18	Dark Green	9,35	5	000971615
T20	95	19	Grey	10,20	5	000971620
T25	100	20	Light Purple	10,90	5	000971625
T27	105	21	Dark Purple	11,50	5	000971627
T30	114	24	Orange	11,90	5	000971630
T40	124	26	Blue	13,10	5	000971640



97BTX-C/SC8  
T9-T10-T15-T20-T25-T27-T30-T40

€ 90,00 1 000971658

97BTX-C/SCV 4,45 1 000971659





## 97BTXL

ball head offset key wrenches, long model, for Torx® head screws



	L mm	L1 mm	€	🔧	📄
T9	80	15	8,90	3	000970309
T10	86	17	8,90	3	000970310
T15	100	18	8,90	3	000970315
T20	110	19	10,20	3	000970320
T25	126	20	11,20	3	000970325
T27	140	24	12,60	3	000970327
T30	160	28	13,10	3	000970330
T40	176	32	15,60	3	000970340



<b>97BTXL/SC8</b>	<b>€ 94,00</b>	<b>🔧 1</b>	<b>📄 000970364</b>
T9-T10-T15-T20-T25-T27-T30-T40			
<b>97BTXL/SCV</b>	<b>4,45</b>	<b>🔧 1</b>	<b>📄 000970982</b>

## 97RTX

offset key wrenches for Tamper Resistant Torx® head screws



	L mm	L1 mm	€	🔧	📄
T6	40	15	8,05	5	000970206
T7	45	15	8,05	5	000970207
T8	50	16	8,05	5	000970208
T9	56	16	8,05	5	000970209
T10	62	17	8,05	5	000970210
T15	72	17	8,05	5	000970215
T20	83	18	8,25	5	000970220
T25	90	18	8,50	5	000970225
T27	100	20	9,55	5	000970227
T30	105	24	9,65	5	000970230
T40	112	26	10,60	5	000970240
T45	118	26	12,50	5	000970245
T50	122	28	16,10	3	000970250
T55	128	30	18,50	3	000970255



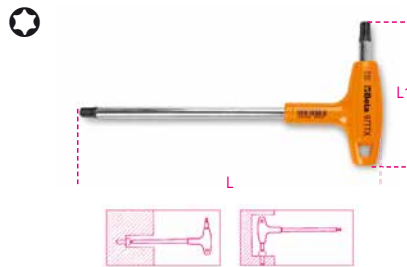
<b>97RTX/SC8</b>	<b>€ 75,00</b>	<b>🔧 1</b>	<b>📄 000970263</b>
T9-T10-T15-T20-T25-T27-T30-T40			
<b>97RTX/SCV</b>	<b>4,45</b>	<b>🔧 1</b>	<b>📄 000970984</b>



<b>97RTX/B8</b>	<b>€ 72,50</b>	<b>🔧 1</b>	<b>📄 000970260</b>
T9-T10-T15-T20-T25-T27-T30-T40			
<b>96N/BV</b>	<b>1,99</b>	<b>🔧 1</b>	<b>📄 000960651</b>

## 97TTX

offset key wrenches with handles for Torx® head screws



	L mm	L1 mm	€	🔧	📄
T6	130	52	12,30	3	000970706
T7	130	52	12,30	3	000970707
T8	139	52	12,40	3	000970708
T9	139	52	12,40	3	000970709
T10	179	70	12,70	3	000970710
T15	179	70	13,70	3	000970715
T20	179	70	14,20	3	000970720
T25	179	70	15,10	3	000970725
T27	200	84	16,60	3	000970727
T30	200	84	17,20	3	000970730
T40	221	103	20,40	3	000970740
T45	236	106	23,90	2	000970745
T50	255	117	30,50	2	000970750



<b>97TTX/S6</b>	<b>€ 93,50</b>	<b>🔧 1</b>	<b>📄 000970791</b>
T10-T15-T20-T25-T30-T40			
<b>97TTX/S8</b>	<b>122,50</b>	<b>🔧 1</b>	<b>📄 000970808</b>
T8-T10-T15-T20-T25-T27-T30-T40			
<b>97TTX/S11</b>	<b>189,00</b>	<b>🔧 1</b>	<b>📄 000970800</b>
T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50			
<b>97TTX/S13</b>	<b>213,50</b>	<b>🔧 1</b>	<b>📄 000970813</b>
T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50			



<b>97TTX/SP11</b>	<b>€ 218,00</b>	<b>🔧 1</b>	<b>📄 000970840</b>
T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50			
<b>96T/SPV</b>	<b>36,00</b>	<b>🔧 1</b>	<b>📄 000960958</b>
96T/S11			
97TTX/S11			

## 98XZN

offset key wrenches with XZN® profile



DIN 65253

	L mm	L1 mm	€	🔧	📄
M5	83	25	5,75	5	000980005
M6	89	30	6,60	5	000980006
M8	97	32	8,35	5	000980008
M10	106	35	11,00	5	000980010
M12	116	37	13,90	5	000980012
M14	118	45	17,60	5	000980014
M16	125	45	26,00	5	000980016



<b>98XZN/B5</b>	<b>€ 47,50</b>	<b>🔧 1</b>	<b>📄 000980650</b>
M5-M6-M8-M10-M12			
<b>96N/BV</b>	<b>1,99</b>	<b>🔧 1</b>	<b>📄 000960651</b>

## 99

hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



UNI 6752

	⌀ mm	A mm	€	🔧	📄
12-14	1,5	1,5	11,10	3	000990012
16-18-20	1,8	1,8	11,10	3	000990016
22-25-28	1,8	1,8	14,80	3	000990022
30-32	2,1	2,1	14,80	3	000990030
34-36-38	2,4	2,4	18,00	3	000990034
40-42	2,4	2,4	18,00	3	000990040
45-50	2,5	2,5	22,30	3	000990045
52-55-58	2,5	2,5	22,30	3	000990052
62-65	3,1	3,1	28,00	3	000990062
68-70-75	3,1	3,1	28,00	3	000990068
80-85-90	3,8	3,8	37,50	2	000990080
92-95	4,3	4,3	37,50	2	000990092
98-100	4,3	4,3	37,50	2	000990098
105-110-115	4,4	4,4	59,50	1	000990105
120-125-130	4,9	4,9	59,50	1	000990120
135-145	6,0	6,0	87,50	1	000990135
155-165	6,0	6,0	87,50	1	000990155

## 99SQ

hook wrenches with square noses for ring nuts



	⌀ mm	B mm	€	🔧	📄
15-35	2,7	2,7	30,00	2	000990215
35-50	3,5	3,5	34,00	2	000990235
50-80	4,7	4,7	44,50	2	000990250
80-120	6,2	6,2	61,00	2	000990280
120-180	7,8	7,8	81,50	2	000990290

## 99ST

hook wrenches with round noses  
for ring nuts



Ø mm	B mm	€	1	2
15-35	3,0	30,50	2	000990315
35-50	4,0	36,00	2	000990335
50-80	5,0	48,00	2	000990350
80-120	6,0	65,50	2	000990380
120-180	8,0	85,00	2	000990390

## 99 VN/...

spare nose for item 99ST

99ST VN/	Ø mm	€	1	2
15	15-35	8,40	1	000990295
35	35-50	9,65	1	000990296
50	50-80	11,90	1	000990297
80	80-120	13,70	1	000990298
120	120-180	18,00	1	000990299

## 100

round pin wrench for ring nuts  
with front holes



Ø mm	L mm	Ø min-max mm	€	1	2
4,9-5,9	250	18÷100	156,50	1	001000001
6,9-7,9					

## 100/KIT

spare pins for item 100



100/KIT	€	1	2
	48,00	1	001000010

## 111E

### ADJUSTABLE WRENCHES WITH SCALES

The new adjustable wrenches with scales, **Beta 111E**, allow differently sized nuts and bolts to be tightened and loosened through the sliding jaws, which can be adjusted through the central rolls.

Head angled at **15°**, allowing hardly accessible spaces to be reached, as is the case with our iconic combination wrenches, "42"



**Wide  
wrench  
opening**

Compact head  
with completely  
open jaw

**Double laser marking  
in mm/inches**



Based on the new ergonomic properties, weight has been reduced by 20%

Made from high-performance alloy steel for increased mechanical torsional strength

Special heat treatment for **excellent wear resistance**

Hole on handle for hanging wrench

## 111E

adjustable wrenches with scales, chrome-plated

- Right-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L" "	A max mm	€	1	2
100	4	15	26,00	3	001110110
150	6	24	27,00	3	001110115
200	8	29	33,00	3	001110120
250	10	34	40,00	3	001110125
300	12	40	53,00	3	001110130
380	15	45	104,00	3	001110138
450	18	54	173,00	2	001110145
600	24	62	239,50	1	001110160

## 111EN

adjustable wrenches with scales, phosphated

- Left-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L" "	A max mm	€	1	2
100	4	15	23,80	3	001110410
150	6	24	24,90	3	001110415
200	8	29	29,00	3	001110420
250	10	34	36,00	3	001110425
300	12	40	48,50	3	001110430
380	15	45	96,00	3	001110438
450	18	54	163,50	2	001110445

## 111ER

reversible jaw adjustable wrenches with scales, chrome-plated

- Reversible jaw
- Right-hand rotation of pin
- Mm/inch scale



L mm	L" "	A max mm	Ø max mm	€	1	2
200	8	29	3/4	34,50	3	001110520
250	10	34	1	42,50	3	001110525
300	12	40	1.1/4	55,50	2	001110530

## 111CM

wide opening adjustable wrenches, chrome-plated, short series

- Wide opening
- Right-hand rotation
- Mm/inch scale

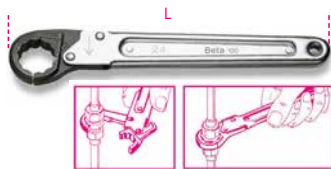


L mm	L" "	A max mm	€	1	2
170	6	32	39,50	2	001110770
220	8	38	48,00	3	001110722
270	10	46	63,50	3	001110727

# Beta

## 120

ratchet opening single ended bi-hex wrenches



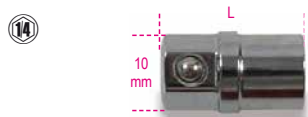
mm	L mm	€		
10	135	49,50	1	001200010
11	135	49,50	1	001200011
12	135	49,50	1	001200012
13	135	49,50	1	001200013
14	135	56,00	1	001200014
17	185	60,50	1	001200017
19	185	64,50	1	001200019
22	230	87,50	1	001200022
24	230	94,00	1	001200024
27	230	119,50	1	001200027
30	320	135,50	1	001200030
32	320	143,50	1	001200032



	€		
120/B6N 10-11-13 17-19-22 mm	373,00	1	001200060
2002/BVL6	11,60	1	020020010

## 123E1/4

bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm	€		
10	20,6	6,50	1	001230010

## 123Q1/4

quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm	€		
10	17,5	9,00	1	001230310

## 123Q3/8

quick release adaptor, 3/8", for 13 mm ratcheting wrenches



mm	L mm	€		
13	22,5	9,10	1	001230313

## 123Q1/2

quick release adaptor, 1/2", for 19 mm ratcheting wrenches



mm	L mm	€		
19	30,5	9,70	1	001230319

## 123/K4

kit with 4 adapters for ratchet wrenches:  
1 bit adapter  
3 quick release adapters



	€		
123/K4	34,50	1	001230504

## 141

ratcheting combination wrenches, straight series



ISO 21982:2020

mm	L mm	€		
8x8	136	16,30	3	001410008
9x9	143	17,00	3	001410009
10x10	160	17,50	3	001410010
11x11	168	17,80	3	001410011
12x12	174	18,50	3	001410012
13x13	180	20,10	3	001410013
14x14	193	21,00	2	001410014
15x15	200	21,90	2	001410015
16x16	216	24,00	2	001410016
17x17	233	24,90	2	001410017
18x18	239	26,00	2	001410018
19x19	250	26,50	2	001410019



	€		
141/B6 8-10-13-14-17-19 mm	135,50	1	001410066
141/B9 8-10-11-12-13-14-15-17-19 mm	195,50	1	001410069



	€		
141/S12 8-9-10-11-12-13- 14-15-16-17-18-19 mm	251,00	1	001410072

## 142

### RATCHETING WRENCHES

The rapid 72-tooth ratchet provides a take-up angle of no more than 5°, thereby resulting in quick, accurate tightening.

1 The fixed mouth makes strong tightening possible, based on the long shank.

2 The built-in reversing lever avoids any risk of accidental reversal.

3 The bi-hex ring end is angled at 15°, to protect the hand and allow easier access.

4 The fixed head is angled at 15° to the axis, thereby resulting in a reduced take-up angle.



## 142

reversible ratcheting combination wrenches



ISO 21982:2020

mm	L mm	€		
6x6	136	17,80	3	001420006
7x7	136	17,80	3	001420007
8x8	136	18,40	3	001420008
9x9	143	19,70	3	001420009
10x10	159	20,20	3	001420010
11x11	168	20,90	3	001420011
12x12	174	21,60	3	001420012
13x13	180	23,30	3	001420013
14x14	190	24,00	2	001420014
15x15	200	25,50	2	001420015
16x16	216	27,50	2	001420016
17x17	233	28,50	2	001420017
18x18	239	30,50	2	001420018
19x19	248	31,00	2	001420019
21x21	285	40,00	1	001420021
22x22	285	41,50	1	001420022
24x24	325	48,00	1	001420024
27x27	355	69,50	1	001420027
30x30	420	81,50	1	001420030
32x32	420	84,50	1	001420032
34x34	482	118,00	1	001420034
36x36	482	119,00	1	001420036
38x38	482	121,50	1	001420038





<b>142/B6</b>	€ 154,50	1	001420066
8-10-13-14-17-19 mm			
<b>142/BV6</b>	€ 9,00	1	001420076
<b>142/B9</b>	€ 224,00	1	001420069
8-10-11-12-13-14-15-17-19 mm			
<b>142/BV9</b>	€ 10,80	1	001420079



<b>142/S15</b>	€ 368,00	1	001420074
6-7-8-9-10-11-12-13-14-15-16-17-18-19-22 mm			
<b>142/S17</b>	€ 506,00	1	001420068
6-7-8-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm			
<b>142/S19</b>	€ 652,00	1	001420075
6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-24-27-30-32 mm			

### 142/SC9I-E

set of 9 reversible ratcheting combination wrenches, with compact support



<b>142/SC9I</b>	€ 222,00	1	001420087
8-10-11-12-13-14-15-17-19 mm			
<b>142/SCV9I</b>	€ 10,50	1	001420103
<b>142/SC9E</b>	€ 230,50	1	001420088
8-10-11-12-13-16-17-18-19 mm			
<b>142/SCV9E</b>	€ 10,50	1	001420104

### 142MC

reversible ratcheting combination wrenches, coloured



ISO 21982:2020

mm	L mm	€	1	001422008
8x8	136	19,40	3	001422008
10x10	159	21,20	3	001422010
11x11	168	21,70	3	001422011
12x12	174	22,70	3	001422012
13x13	180	24,30	3	001422013
14x14	190	25,50	2	001422014
15x15	200	26,50	2	001422015
16x16	216	29,50	2	001422016
17x17	233	30,00	2	001422017
18x18	239	31,50	2	001422018
19x19	248	32,50	2	001422019



<b>142MC/SC9I</b>	€ 232,50	1	001422087
8-10-11-12-13-14-15-17-19 mm			
<b>142MC/SC9E</b>	€ 241,50	1	001422088
8-10-11-12-13-16-17-18-19 mm			

### 142AS

reversible ratcheting combination wrenches



mm	L mm	€	2	001420308
5/16x5/16	136	21,70	2	001420308
3/8x3/8	159	22,20	2	001420310
7/16x7/16	168	23,50	2	001420311
1/2x1/2	180	26,50	2	001420313
9/16x9/16	190	27,00	2	001420314
5/8x5/8	216	30,00	2	001420316
11/16x11/16	233	30,50	2	001420317
3/4x3/4	248	33,50	2	001420319



<b>142AS/8</b>	€ 215,00	1	001420330
5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4			

### 142C

ratcheting combination wrenches, straight short series



ISO 21982:2020

mm	L mm	€	2	001420108
8x8	88	13,30	2	001420108
9x9	96	13,30	2	001420109
10x10	96	13,80	2	001420110
11x11	100	14,70	2	001420111
12x12	104	15,60	2	001420112
13x13	108	16,30	2	001420113
14x14	114	17,00	2	001420114
15x15	118	17,60	2	001420115
16x16	122	18,10	2	001420116
17x17	128	19,70	2	001420117
18x18	132	21,20	2	001420118
19x19	138	21,70	2	001420119



<b>142C/A12</b>	€ 229,00	1	001420175
8-9-10-11-12-13-14-15-16-17-18-19 mm			

### 142SN

swivel end ratcheting combination wrenches



ISO 21982:2020

mm	L mm	€	2	001420207
7x7	136	21,40	2	001420207
8x8	136	22,20	2	001420208
9x9	143	23,20	2	001420209
10x10	160	24,40	2	001420210
11x11	168	25,50	2	001420211
12x12	174	26,50	2	001420212
13x13	180	28,50	2	001420213
14x14	193	29,50	2	001420214
15x15	200	31,00	2	001420215
16x16	216	33,00	2	001420216
17x17	233	33,50	2	001420217
18x18	239	36,00	2	001420218
19x19	250	36,50	2	001420219
22x22	285	43,50	1	001420222
24x24	325	48,50	1	001420224



<b>142SN/S13</b>	€ 371,00	1	001420263
7-8-9-10-11-12-13-14-15-16-17-18-19 mm			



<b>142SN/SC9</b>	€ 266,00	1	001420259
8-10-11-12-13-14-15-17-19 mm			

## 186

self-locking wrench with automatic take-up device  
for hexagons, 8 to 32 mm

Ideal for hexagon, Spline, square and Torx® head screws,  
including damaged screws.



L mm	€	🔧	📄
260	50,50	1	001860008

## 187

swivelling, openable wrenches



Ø mm	L mm	€	🔧	📄
8x9	125	34,50	1	001870008
10x11	155	37,00	1	001870010
12x13	175	38,00	1	001870012
14x15	205	42,00	1	001870014
16x17	235	47,50	1	001870016



187/B5	€	🔧	📄
8x9-10x11-12x13 14x15-16x17 mm	210,00	1	001870050

## 188

ratcheting flat bi-hex ring wrenches  
for free alternator pulleys



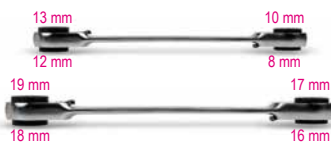
Ø mm	L mm	€	🔧	📄
10	240	22,90	2	001880010
15	322	31,50	2	001880015

## 192

reversible ratcheting double-ended flat bi-hex  
ring wrenches, 4 in 1



Ø mm	L mm	€	🔧	📄
8x10/12x13 16x17/18x19	160 230	29,50 37,50	1	001920008 001920016



192/S2	€	🔧	📄
8x10/12x13 mm 16x17/18x19 mm	67,00	1	001920070

## 194

reversible ratcheting wrench  
for bits



1/4x5/16	L mm	€	🔧	📄
	128	37,50	2	001940006

## 195

ratcheting double-ended flat bi-hex ring  
wrenches



ISO 21982:2020	Ø mm	L mm	€	🔧	📄
	8x10	128	20,50	2	001950010
	12x13	170	23,50	2	001950013
	14x15	190	24,60	2	001950015
	16x18	230	29,00	2	001950018
	17x19	230	30,50	2	001950019



195/B5	€	🔧	📄
8x10-12x13-14x15 16x18-17x19 mm	139,00	1	001950066

195/BV5	€	🔧	📄
	10,80	1	001950070

## 195AS

ratcheting double-ended flat bi-hex ring  
wrenches



Ø mm	L mm	€	🔧	📄
5/16x3/8 7/16x1/2 9/16x5/8 11/16x3/4	128 170 190 230	21,20 23,50 26,50 30,00	2	001950606 001950611 001950614 001950617



195AS/B4	€	🔧	📄
5/16x3/8 - 7/16x1/2 - 9/16x5/8 - 11/16x3/4	112,00	1	001950654

195FTX/BV4	€	🔧	📄
	10,80	1	001950520

## 195P

reversible ratcheting double-ended offset  
bi-hex ring wrenches, bent at 15°



ISO 21982:2020

Ø mm	L mm	€	🔧	📄
8x10	128	31,00	2	001950210
12x13	170	33,00	2	001950213
14x15	190	34,00	2	001950215
16x18	230	38,00	2	001950218
17x19	230	40,00	2	001950219



195P/B5	€	🔧	📄
8x10-12x13-14x15 16x18-17x19 mm	187,00	1	001950266

195/BV5	€	🔧	📄
	10,80	1	001950070

## 310

polywelder for PE, PP, PVC  
and PVDF pipes and fittings

CE



230V-650 Watt  
50 Hz+60Hz  
Schuko (CEE 7/7)

310/1	Ø mm	€	🔧	📄
	16÷50	285,00	1	003100001
310/2	16÷63	398,00	1	003100002

## 310B

forms for polywelder item 310



Ø mm	€	🔧	📄
16	68,00	1	003100016
20	74,50	1	003100020
25	79,50	1	003100025
32	88,00	1	003100032
40	104,00	1	003100040
50	131,50	1	003100050
63	151,50	1	003100063





### 310/C4

polywelder with assortment of 3 forms



€ 571,00 1 003100104  
 310/1+310B: Ø 20-25-32  
 410x260x82 mm - 4,8 kg

### 310/C8

polywelder with assortment of 7 forms



€ 893,00 1 003100108  
 310/2+310B: Ø 16-20-25  
 32-40-50-63  
 440x270x120 mm - 7,7 kg

### 311

heating plates for manual straight and slanted welding of PE pipes



	Ø mm	Watt	€	1	003110001
311/1	120	300	354,00	1	003110001
311/2	190	900	394,00	1	003110002

## FIELD OF USE OF BETA'S PIPE CUTTERS

Beta's pipe cutters cover a wide range of applications. They rely on accurate, smooth rollers and screw or telescopic feed to make accurate, clean cuts possible on all the materials used for pipes.

The table below shows the pipe cutter / cutter wheel combinations for each material.

	STEEL GAS PIPES		
	10 mm	60 mm	115 mm
	1/8"	2"	4"
330/2			
330/4			

	STAINLESS STEEL GAS PIPES		
	10 mm	60 mm	115 mm
	1/8"	2"	4"
330/2+330R/12			
330/4+330R/14			

	COPPER AND LIGHT ALLOY PIPES							
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1 1/8"		1 1/2"	2 5/8"
332								
334								
336								
338								

	THIN-WALLED STAINLESS STEEL PIPES							
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1 1/8"		1 1/2"	2 5/8"
332 + 334R/I								
334 + 334R/I								
336 + 338R/I								
338 + 338R/I								

	PLASTIC PIPES							
	6 mm	8 mm	16 mm	30 mm	38 mm	50 mm	67 mm	127 mm
	1/4"	5/16"	5/8"	1 1/8"	1 1/2"	2"	2 5/8"	5"
336 + 338RP								
338 + 338RP								
339A								

### 330

pipe cutters for steel gas pipes



	Ø mm - "	L mm	€	1	003300002
330/2	10÷60 1/8"÷ 2"	380	169,00	1	003300002
330/4	60÷115 2"÷ 4"	585	384,00	1	003300004

### 330R/A

spare cutters for item 330 wheels for steel pipes



	Ø mm	S mm	€	1	003300012
330R/A2	32	7	16,20	1	003300012
330R/A4	42	9	42,00	1	003300014

### 330R/I

spare cutter wheel for item 330 for stainless steel pipes



	Ø mm	S mm	€	1	003300024
330R/I2	32	7	36,00	1	003300024
330R/I4	32	9	101,50	1	003300034

### 331C

portable C-shaped pipe cutter for copper and light alloy pipes



	Ø mm	L mm	€	1	003310050
15÷22	78		60,00	1	003310050



### 332

mini pipe cutter for copper and light alloy pipes



Ø mm - "	L mm	€		
3÷16 1/8"÷5/8"	59	24,40	2	003320001
3÷28 1/8"÷1"1/8"	63	27,00	2	003320003

### 334

pipe cutter for copper and light alloy pipes



Ø mm - "	L mm	€		
3÷30 1/8"÷1"1/8"	150	33,50	1	003340001

### 334R

spare cutter wheel for items 332 and 334 for copper and light alloy pipes



334R	Ø mm	€		
	18	7,20	1	003340021

### 334R/I

spare cutter wheel for items 332 and 334 for stainless steel pipes



334R/I	Ø mm	€		
	18	20,40	1	003340023

### 336

telescopic pipe cutter for copper and light alloy pipes



Ø mm - "	L mm	€		
6÷38 1/4"÷1"1/2"	160	55,50	1	003360001

### 338

telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes



Ø mm - "	L mm	€		
6÷67 1/4"÷2"5/8"	290	138,00	1	003380001

### 338R

spare cutter wheel for items 331L, 336 and 338 for copper and light alloy pipes



338R	Ø mm	€		
	18,5	7,60	1	003380022

### 338R/I

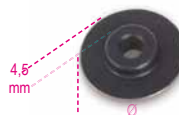
spare cutter wheel for items 336 and 338 for stainless steel pipes



338R/I	Ø mm	€		
	21,8	22,70	1	003380023

### 338RP

spare cutter wheel for items 336 and 338 for plastic pipes



338RP	Ø mm	€		
	21,9	8,25	1	003380025

### 339A

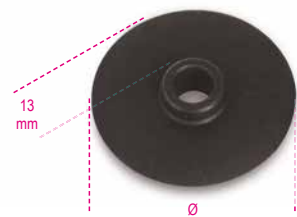
telescopic pipe cutter, fast advance for plastic pipes



Ø mm - "	L mm	€		
50÷127 2"÷5"	345	295,00	1	003390011

### 339A/R

spare cutter wheels for item 339A



339A/R	Ø mm	€		
	42	20,40	1	003390061

### 340

multilayer pipe cutting pliers, max. Ø 26 mm  
PTFE-coated blade  
4 support rollers making it easier to rotate pipe during cutting jobs  
system for cutting corrugated pipes built into handle  
lightweight magnesium body



340	Ø max mm	€		
	26	115,00	1	003400001

### 340RL

spare blade for item 340



340RL	€		
	32,50	1	003400010

### 340C

corrugated pipe cutting pliers

- pliers made of alloy aluminium and magnesium
- compact, pocket-size, lightweight
- additional blade for lengthwise cutting



Ø mm	L mm	€		
14-45	134	54,50	1	003400050

### 340C/KRL

kit of 3 spare blades for 340C



340C/KRL	€		
	32,50	1	003400055

### 341

pipe cutting pliers for plastic pipes



Ø mm	L mm	€		
0÷25	190	41,00	1	003410001

### 341RL

spare blade for item 341



341RL	€		
	18,40	1	003410010

### 341B

ratchet-type shears for plastic pipes



Ø mm	L mm	€		
0÷35	195	75,00	1	003410051

### 341B/RM

spare spring for item 341B

341B/RM	€		
	2,82	1	003410061

### 341B/RL

spare blade for item 341B



341B/RL	€		
	28,00	1	003410060

### 342

Ratchet-type shears for plastic pipes



Ø mm - "	L mm	€		
0÷42 1"5/8	200	55,00	1	003420030

### 342MOL

spare spring for item 342

342MOL	€		
	4,00	1	003420033

### 342RL

spare blade for item 342



342RL	€		
	25,00	1	003420032

### 342A

ratchet-type shears for plastic pipes



Ø mm - "	L mm	€		
0÷50 2"	270	112,50	1	003420101

### 342A/MOL

spare spring for item 342A

342A/MOL	€		
	2,44	1	003420111

### 342A/RL

spare blade for item 342A



342A/RL	€		
	58,50	1	003420110

### 342P

ratchet-type shears for plastic pipes, made from magnesium alloy



Ø mm - "	L mm	€		
0÷50 2"	260	122,00	1	003420121

### 342P/RL

spare blade for item 342P

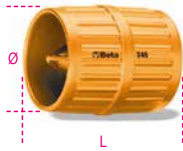


342P/RL	€		
	51,00	1	003420130

# Beta

### 345

pipe reamer metal body



∅ mm - "	L mm	€	🔧	📦
3÷42 1/8"÷1"5/8	58	29,50	5	003450001

### 345U

pipe reamer for stainless steel, steel, copper and light alloys



∅ mm - "	L mm	€	🔧	📦
4÷36 5/32÷1"7/16	60	78,00	1	003450050

### 345U/A

adapter for pipe reamer 345U, 1/4" hexagon drive, for power drivers



L mm	€	🔧	📦
90	19,90	3	003450055

### 345C

multilayer pipe gauge



∅ mm	€	🔧	📦
16-20-26-32	47,00	1	003450032

### 345SB

deburrer with revolving replacement blade



L mm	€	🔧	📦
150	24,40	5	003450010

### 345SB/R

spare blade for item 345SB



345SB/R	€	🔧	📦
	8,60	3	003450015

### 345SB2

deburrer with fixed blade



L mm	€	🔧	📦
140	12,20	5	003450022

### 345SC

4-in-1 brush for inside and outside diameters, 1/2" and 3/4"



L mm	L1 mm	L2 mm	€	🔧	📦
195	28	32	14,30	2	003450060

### 345SI

deburrer for internal use, with revolving replacement blade



L mm	∅ mm	€	🔧	📦
168	16,5	46,50	1	003450040

### 345SI/R

spare blade for item 345SI



345SI/R	€	🔧	📦
	32,00	1	003450045

### 349

tube flaring tool with clutch, for copper and light alloy pipes



∅ mm - "	€	🔧	📦
6-8-10-12-14-15-16-18 (1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4)	293,00	1	003490001

270x200x50 mm - 2,7 kg

### 349/SMM

metric slide for item 349



∅ mm	€	🔧	📦
6-8-10-12-14-15-16-18	86,00	1	003490011

### 349/SMAS

inch slide for item 349

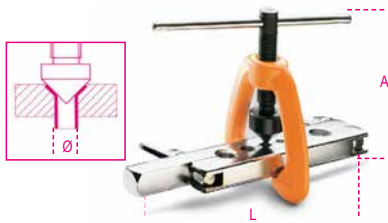


∅ "	€	🔧	📦
1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4	81,00	1	003490012



### 350

tube flaring tool for copper and light alloy pipes



Ø mm	L mm	A mm	€	1	003500001
4-4,75-6-8 10-12-14	175	104	85,00	1	003500001

### 351C

pipe cutter and tube flaring tool



351C	€	1	003510010
	154,00	1	003510010

334	Ø 3+30 mm (1/8"+1"1/8)
350	Ø 4+14 mm
351P	Ø 4-4,75-6-8-10-12-14 mm

225x150x45 mm - 1,6 kg

### 351P

inserts for tube flaring tool item 350



351P	Ø mm	€	3	003510101
4	4	7,05	3	003510101
4,75	4,75	7,05	3	003510102
6	6	7,05	3	003510103
8	8	7,05	3	003510104
10	10	7,05	3	003510105
12	12	7,05	3	003510106
14	14	7,05	3	003510107

### 352U

adjustable tube flaring tool for copper and light alloy pipes



Ø mm - "	A mm	€	1	003520101
5-16 3/16÷5/8	130	101,00	1	003520101

### 352C/U

pipe cutter, deburrer and adjustable tube flaring tool



352C/U	€	1	003520110
	199,00	1	003520110

334 Ø 3+30 mm (1/8"+1"1/8)

345SB

352U Ø 5+16 mm (3/16"+5/8")

335x145x60 mm - 2120 g

### 353N

tube expanding pliers, with interchangeable forms



L mm	€	1	003530201
380	396,00	1	003530201

### 353NM

forms for tube expanding pliers item 353N



Ø mm	A mm	€	1	003530210
10	7	135,00	1	003530210
12	10	135,00	1	003530212
14	10	135,00	1	003530214
16	12	135,00	1	003530216
18	12	135,00	1	003530218
22	13	135,00	1	003530222

### 353N/C6

tube expanding pliers item 353N with forms item 353NM



353N/C6	€	1	003530300
	1.255,00	1	003530300

353N

353NM Ø 10-12-14-16-18-22 mm

420x185x60 mm - 2,2 kg

### 355

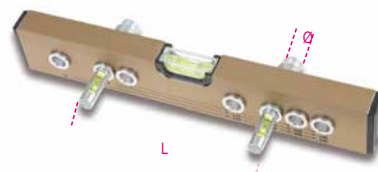
combination spud wrench, five steps



Ø "	L mm	€	2	003550001
3/8"-1/2" 3/4"-1"	90	40,00	2	003550001

### 357F3

three-vial spirit level



Ø "	L mm	€	1	003570100
3/8" / 1/2"	90÷220	127,00	1	003570100

### 357R/F3

spare vial for item 357F3



357R/F3	€	1	003570101
	20,50	1	003570101

**Beta**

### 358

tools for chamfering plastic pipes



	∅ mm	€		
358/1	16÷110	179,00	1	003580001
358/2	40÷250	179,00	1	003580002

### 358RL

spare blade for items 358/1 and 358/2



	€		
358RL	33,00	1	003580011

### 359

universal drain wrench



∅"	L mm	A mm	€		
1"÷1"1/4	160	140	88,00	1	003590001

### 359CH

drain adaptor, cross-shape for item 359



∅"	L mm	€		
1"1/2	74	50,00	1	003590005

### 360

pipe wrenches, Stillson pattern



L mm	∅ max"	∅ max mm	€		
250	1" gas	34	36,50	1	003600025
350	1"1/2 gas	49	48,50	1	003600035
450	2" gas	60	68,00	1	003600045
600	2"1/2 gas	76	104,00	1	003600060
900	3"1/2 gas	102	288,00	1	003600090

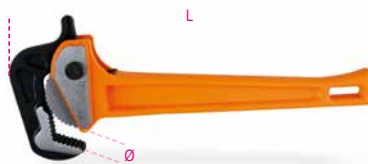
### 360R/...

spare parts kit for item 360  
with moving jaw and ring nut.

	€		
360R250	13,70	1	003600225
360R350	18,80	1	003600235
360R450	27,00	1	003600245
360R600	40,00	1	003600260
360R900	72,00	1	003600290

### 361N

adjustable lever pipe wrench



L mm	∅ max"	∅ max mm	€		
350	1" 1/2	49	75,50	1	003610014

### 362

heavy duty pipe wrenches



L mm	∅ max"	∅ max mm	€		
200	1" gas	34	32,00	1	003620020
250	1"1/2 gas	49	40,50	1	003620025
300	2" gas	60	48,50	1	003620030
350	2" gas	60	58,00	1	003620035
450	2"1/2 gas	76	83,50	1	003620045
600	3" gas	90	126,50	1	003620060
900	5" gas	140	155,50	1	003620090

### 362R/...

spare parts kit for item 362  
with: fixed jaw, moving jaw; ring nut; lockpin.

	€		
362R 200	6,75	1	003620220
362R 250	9,60	1	003620225
362R 300	11,90	1	003620230
362R 350	13,70	1	003620235
362R 450	18,70	1	003620245
362R 600	25,00	1	003620260
362R 900	62,50	1	003620290

### 363

heavy duty pipe wrenches  
made from light alloy



L mm	∅ max"	∅ max mm	€		
350	2" gas	60	70,00	1	003630035
450	2"1/2 gas	76	94,00	1	003630045
600	3" gas	90	159,00	1	003630060
900	5" gas	140	298,00	1	003630090
1200	6" gas	165	316,00	1	003630120

### 363R/...

spare parts kit for item 363  
with: fixed jaw; moving jaw; ring nut; lockpin.

	€		
363R 350	15,00	1	003630235
363R 450	20,00	1	003630245
363R 600	27,50	1	003630260
363R 900	54,50	1	003630290
363R 1200	84,00	1	003630320

### 365

heavy duty pipe wrenches,  
offset pattern made from light alloy



L mm	∅ max"	∅ max mm	€		
350	2" gas	60	87,00	1	003650035
450	2"1/2 gas	76	120,00	1	003650045

### 365R/...

spare parts kit for item 365  
with: fixed jaw; moving jaw; ring nut; lockpin.

	€		
365R 350	65,50	1	003650235
365R 450	97,50	1	003650245

### 366

pipe wrenches, light pattern



L mm	∅ max"	∅ max mm	€		
175	1" gas	34	33,00	1	003660017
225	1"1/2 gas	49	39,00	1	003660022
275	2" gas	60	47,50	1	003660027
300	2"1/2 gas	76	51,50	1	003660030
350	3" gas	90	58,00	1	003660035

### 374

pipe wrenches,  
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max " gas	∅ max mm	€	🔧	📄
240	1/2" gas	21	38,00	1	003740024
320	1" gas	34	51,50	1	003740032
410	1 1/2" gas	49	67,50	1	003740041
550	2" gas	60	105,00	1	003740055
630	3" gas	90	187,50	1	003740063

### 375

pipe wrench, Swedish pattern,  
45° flat jaws



DIN 5234

L mm	∅ max " gas	∅ max mm	€	🔧	📄
320	1" gas	34	51,50	1	003750032
410	1 1/2" gas	49	67,50	1	003750041
550	2" gas	60	105,00	1	003750055

### 376

pipe wrenches,  
Swedish pattern, 90° flat jaws



DIN 5234

L mm	∅ max " gas	∅ max mm	€	🔧	📄
320	1" gas	34	51,50	1	003760032
410	1 1/2" gas	49	67,50	1	003760041
550	2" gas	60	105,00	1	003760055
630	3" gas	90	190,50	1	003760063

### 378

pipe wrenches,  
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max " gas	∅ max mm	€	🔧	📄
250	1/2" gas	21	40,50	1	003780025
320	1" gas	34	54,00	1	003780032
410	1 1/2" gas	49	70,00	1	003780041
550	2" gas	60	115,50	1	003780055
650	3" gas	90	194,00	1	003780065

### 374R/...

complete spare parts kit for items 374 - 375 -  
376 - 378  
with ring nut and ring nut stop

Item	€	🔧	📄
374R 240 x 374/240-378/250	2,28	1	003740724
374R 320 x 374/320-376/320-378/320	2,52	1	003740732
374R 410 x 374/410-375/410-376/410-378/410	3,10	1	003740741
374R 550 x 374/550-376/550-378/550	3,70	1	003740755
374R 630 x 374/630-378/630	5,65	1	003740763

### 383

reversible strip pipe wrenches



Item	∅ max " gas	∅ max mm	L mm	€	🔧	📄
383/1	3" gas	90	300	55,00	1	003830001
383/2	8" gas	220	300	58,00	1	003830002

### 383R

spare strips for item 383



Item	S mm	€	🔧	📄
383R/1	27	22,40	1	003830010
383R/2	27	23,60	1	003830015

### 384

reversible chain pipe wrench



Item	∅ max " gas	∅ max mm	L mm	€	🔧	📄
384	4" gas	115	300	74,50	1	003840032

### 384RC

spare chain for item 384



Item	€	🔧	📄
384RC	46,00	1	003840033

### 386A/RC

spare chains for item 386A



Item	€	🔧	📄
386A3/RC	78,50	1	003860013
386A4/RC	112,00	1	003860014
386A5/RC	148,50	1	003860015
386A6/RC	261,00	1	003860016

### 387

pipe bender for copper and nonferrous metal  
pipes,  
with interchangeable forms  
3/16"-1/4"-5/16"-3/8"



L mm	∅ mm	€	🔧	📄
255	3/16"-1/4"-5/16"-3/8"	50,00	1	003870001

### 387R

spare forms for item 387



∅ "	€	🔧	📄
3/16"-1/4"	12,70	1	003870010
5/16"-3/8"	13,40	1	003870015

### 388

pipe benders for thin walled copper,  
light alloy and mild steel pipes



∅ mm	L mm	R mm	€	🔧	📄
6	305	18,0	63,00	1	003880006
8	315	23,5	68,00	1	003880008
10	350	31,0	78,00	1	003880010
12	360	31,0	83,00	1	003880012
14	455	46,5	108,00	1	003880014
15	465	46,5	115,00	1	003880015
16	465	46,5	123,50	1	003880016

### 388A

pipe bending pliers for thin walled  
copper and light alloy pipes



Item	∅ mm	L mm	€	🔧	📄
388A/1	6-8-10 mm	220	68,50	1	003880051
388A/2	1/4"-5/16"-3/8"	220	68,50	1	003880055

### 388C/C8

pipe bender with 7 forms  
for thin walled copper and light alloy pipes



Item	∅ mm	€	🔧	📄
388C/C8	10-12-14-16 18-20-22	498,00	1	003880200

📦 400x330x110 mm - 📖 3,6 kg



### 389/K4

kit of pipe bending springs for copper pipes for external use



∅	L	€	🔧	📄
1/4-3/8-1/2-5/8	mm 290	21,10	1	003890001

### 386A

heavy duty reversible chain pipe wrenches



	∅	L	€	🔧	📄
386A/3	max 4" gas 115 mm	900	252,00	1	003860003
386A/4	6" gas 168 mm	900	467,00	1	003860004
386A/5	8" gas 220 mm	1100	602,00	1	003860005
386A/6	12" gas 324 mm	1300	1.044,00	1	003860006

### 392C

adjustable drain tap pliers



∅	L	€	🔧	📄
mm 25÷65	mm 260	47,00	1	003920100

### 392RG/C

spare jaw protectors for item 392C, pair



392RG/C	€ 6,45	🔧 1	📄 003920101
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### 393

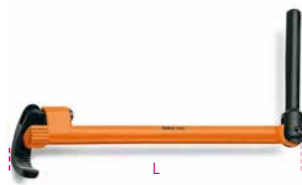
water tap wrench



L mm 270	€ 68,50	🔧 1	📄 003930001
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### 395

hinged water tap wrench



15÷32 mm 5/8"±1"1/4	L mm 240	€ 45,00	🔧 1	📄 003950001
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### 395T

telescopic hinged water tap wrench



10÷32 mm 3/8"±1"1/4	L mm 250÷430	€ 60,50	🔧 1	📄 003950100
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### 398

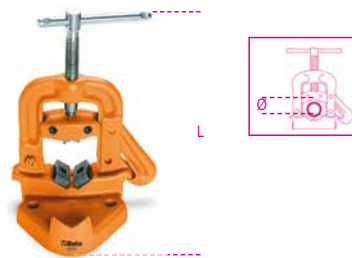
workbench chain vices



∅ 1/2÷8"	L mm 250	€ 311,00	🔧 1	📄 003980008
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### 399

pivoting clamp vices



∅	L min	€	🔧	📄
10÷60 mm	mm 220	191,00	1	003990005
1/8÷2"				
10÷89 mm	290	343,00	1	003990010
1/8÷3"				

### 399R/...

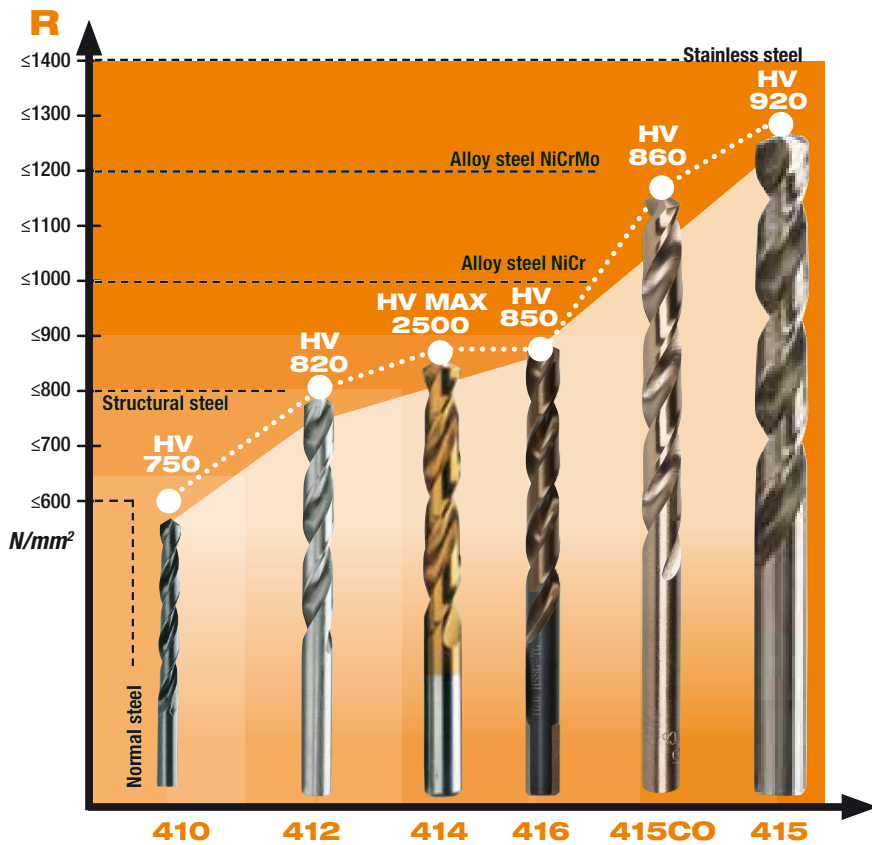
spare kit for item 399 composed of two lower jaws and one upper jaw



399RG1/8-2"	€ 24,70	🔧 1	📄 003990105
399RG1/8-3"	39,50	🔧 1	📄 003990110

# Beta

# CHART FOR METAL TWIST DRILLS



R N/mm<sup>2</sup> – Mechanical resistance of the material to drill.

HV – Twist drill hardness according to the Vickers scale: the higher the value, the higher the hardness of the material.

## GUIDE TO TWIST DRILLS WITH CYLINDRICAL SHANKS

**Rolled twist drills** – Twist drills obtained from a hot-rolling manufacturing process. Good-quality twist drills, for use for light-duty jobs, e.g. drilling of iron, mild steel, light alloys and nonferrous metals in general.

**Ground twist drills** – Twist drills obtained entirely from grinding from a heat-treated steel bar. High-performance twist drills, for drilling steel and light alloys: constant efficiency, excellent chip removal and drilling precision.

**HSS** – High-speed steel, extremely hard, and resistant to high temperatures; the best material for cutting, tapping and threading tools.

**Cobalt (Co)** – A base alloy element, providing steel with improved heat resistance, and decreasing twist drill wear, e.g. at high temperatures. The higher the cobalt content, the better the performance of the tool. The most commonly used alloys have a 5% or 8% cobalt content.

**HSS-Co** – High-speed steel with a 5% or 8% cobalt content.

**TiN** – Ultrathin titanium nitride coating; based on its high hardness and low friction factor, it provides increased resistance to wear and oxidation and improved drilling chip removal.

**Chrome steel** – Tools made from chrome steel are suitable for manual use for threading of iron, light alloys, untreated steel and steel heat-treated at low hardness. They are widely used for cleaning and repairing damaged threads in all professional jobs in general, and in the automotive sector in particular.

**Hard metal** – Material with high wear resistance, used for plates in masonry drill bits.

**118° sharpening** – Standard sharpening angle of twist drills for metal, allowing quick drilling into metals, for easier centring and excellent heat dissipation.

**130° sharpening** – Wide sharpening angle, providing more precision in early drilling operations and requiring less drilling force.

**Double 115°/135° sharpening** – Combined benefits of the two angles, plus chip breaking function; the best choice for long chip materials.

**SDS-Plus** – Quick, safe tang for hammer drills.

### 410

twist drills with cylindrical shanks, short series HSS, rolled

R ≤ 650 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	€	U	IP
0,50	22	6	1,64	10	004100030
1,00	34	12	0,91	10	004100040
1,25	38	16	0,75	10	004100043
1,50	40	18	0,70	10	004100046
1,75	46	22	0,70	10	004100049
2,00	49	24	0,64	10	004100052
2,25	53	27	0,75	10	004100055
2,50	57	30	0,70	10	004100058
2,75	61	33	0,75	10	004100061
3,00	61	33	0,70	10	004100064
3,20	65	36	0,95	10	004100066
3,25	65	36	0,95	10	004100067
3,50	70	39	0,89	10	004100070
3,75	70	39	1,07	10	004100073
4,00	75	43	0,98	10	004100076
4,20	75	43	1,23	10	004100078
4,25	75	43	1,23	10	004100079
4,50	80	47	1,10	10	004100082
4,75	80	47	1,27	10	004100085
5,00	86	52	1,21	10	004100088
5,25	86	52	1,72	10	004100091
5,50	93	57	1,61	10	004100094
5,75	93	57	1,76	10	004100097
6,00	93	57	1,61	10	004100100
6,25	101	63	2,10	10	004100103
6,50	101	63	1,98	10	004100106
6,75	109	69	2,52	10	004100109
7,00	109	69	2,34	10	004100112
7,50	109	69	2,46	10	004100118
8,00	117	75	2,91	10	004100124
8,50	117	75	3,05	10	004100130
9,00	125	81	3,70	5	004100136
9,50	125	81	4,10	5	004100142
10,00	133	87	4,50	5	004100148
10,50	133	87	5,40	5	004100172
11,00	142	94	6,40	5	004100184
11,50	142	94	6,65	5	004100196
12,00	151	101	7,35	5	004100210
12,50	151	101	8,05	5	004100222
13,00	151	101	8,50	5	004100234
14,00	160	108	11,30	5	004100242
15,00	169	114	13,20	5	004100250
16,00	178	120	16,40	5	004100258
17,00	184	125	18,10	3	004100262
18,00	191	130	21,50	3	004100266
19,00	198	135	24,40	3	004100270
20,00	205	140	29,00	3	004100274



	€	U	IP
410/SP19 Ø 1÷10 x 0,5 mm	47,00	1	004100419
410/SPVP1	26,00	1	004100421
410/SP25 Ø 1÷13 x 0,5 mm	99,00	1	004100425
410/SPVP2	36,00	1	004100427



**410/SEL19** € 36,50 1 004100418  
 Ø 1=10 x 0,5 mm

### 410MIX/SEL19

set of 13 twist drills, item 410,  
 and 6 twist drills with hard metal insets



**410MIX/SEL19** € 36,50 1 004100417



Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4  
 4,5 - 5 - 5,5 - 6 - 8 - 10 mm

Ø 4 - 5 - 6 - 8 - 9 - 10 mm

### 410A

twist drills with cylindrical shanks,  
 short series, HSS, rolled,  
 with small tang

R ≤ 650 N/mm<sup>2</sup>  
 HV ~ 750+820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	€	🔧	📦
13,50	160	108	13,30	5	004100281
14,00	160	108	13,30	5	004100283
14,50	169	114	15,40	5	004100285
15,00	169	114	15,40	5	004100287
15,50	178	120	19,10	5	004100289
16,00	178	120	19,10	5	004100291
16,50	184	125	20,10	3	004100292
17,00	184	125	20,10	3	004100293
17,50	191	130	23,90	3	004100294
18,00	191	130	23,90	3	004100295
18,50	198	135	26,50	3	004100296
19,00	198	135	26,50	3	004100297
19,50	205	140	31,00	3	004100298
20,00	205	140	31,00	3	004100299

### 410AS

twist drills with cylindrical shanks,  
 short series, HSS,  
 rolled,  
 in inches

R ≤ 650 N/mm<sup>2</sup>  
 HV ~ 750+820



ANSI B94

Ø"	L mm	L1 mm	€	🔧	📦
1/16	48	22	0,64	10	004100371
5/64	51	25	0,70	10	004100372
3/32	57	32	0,79	10	004100373
7/64	67	38	0,89	10	004100374
1/8	70	41	0,97	10	004100375
9/64	73	44	1,05	10	004100376
5/32	79	51	1,12	10	004100377
11/64	83	54	1,27	10	004100378
3/16	89	59	1,46	10	004100379
13/64	92	62	1,51	10	004100380
7/32	95	64	1,64	10	004100381
15/64	98	67	1,93	10	004100382
1/4	102	70	2,17	10	004100383
17/64	105	73	2,54	10	004100384
9/32	108	75	2,81	10	004100385
19/64	111	78	3,10	10	004100386
5/16	114	81	3,95	10	004100387
21/64	117	84	4,10	10	004100388
11/32	121	87	4,75	5	004100389
23/64	124	89	4,85	5	004100390
3/8	127	92	5,10	5	004100391



**410AS/SP21** € 71,00 1 004100429

Ø 1/16-5/64-3/32-7/64  
 1/8-9/64-5/32-11/64-3/16  
 13/64-7/32-15/64-1/4  
 17/64-9/32-19/64-5/16  
 21/64-11/32-23/64-3/8

**410AS/SPV1** € 26,50 1 004100430



**410AS/SEL21** € 56,50 1 004100433

Ø 1/16-5/64-3/32-7/64  
 1/8-9/64-5/32-11/64-3/16  
 13/64-7/32-15/64-1/4  
 17/64-9/32-19/64-5/16  
 21/64-11/32-23/64-3/8

### 412

twist drills with cylindrical shanks,  
 short series HSS entirely ground glossy  
 finishing

R ≤ 800 N/mm<sup>2</sup>  
 HV ~ 750+820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	€	🔧	📦
0,50	22	6	2,85	10	004120030
1,00	34	12	1,83	10	004120040
1,25	38	16	1,96	10	004120043
1,50	40	18	1,64	10	004120046
1,75	46	22	1,64	10	004120049
2,00	49	24	1,39	10	004120052
2,25	53	27	1,76	10	004120055
2,50	57	30	1,51	10	004120058
2,75	61	33	1,76	10	004120061
3,00	61	33	1,59	10	004120064
3,25	65	36	2,08	10	004120067
3,50	70	39	1,91	10	004120070
3,75	70	39	2,28	10	004120073
4,00	75	43	2,08	10	004120076
4,25	75	43	2,66	10	004120079
4,50	80	47	2,39	10	004120082
4,75	80	47	2,85	10	004120085
5,00	86	52	2,66	10	004120088
5,25	86	52	3,75	10	004120091
5,50	93	57	3,45	10	004120094
5,75	93	57	4,20	10	004120097
6,00	93	57	3,60	10	004120100
6,25	101	63	5,25	10	004120103
6,50	101	63	4,60	10	004120106
6,75	109	69	5,90	10	004120109
7,00	109	69	5,40	10	004120112
7,25	109	69	6,60	5	004120115
7,50	109	69	5,60	5	004120118
7,75	117	75	7,50	5	004120121
8,00	117	75	6,90	5	004120124
8,25	117	75	8,35	5	004120127
8,50	117	75	8,45	5	004120130
8,75	125	81	9,30	5	004120133
9,00	125	81	8,80	5	004120136
9,25	125	81	10,20	5	004120139
9,50	125	81	9,20	5	004120142
9,75	133	87	11,40	5	004120145
10,00	133	87	10,20	5	004120148
10,25	133	87	15,50	5	004120149
10,50	133	87	13,70	5	004120150
10,75	142	94	18,60	5	004120151
11,00	142	94	16,30	5	004120152
11,25	142	94	19,80	5	004120153
11,50	142	94	17,20	5	004120154
11,75	142	94	21,50	5	004120155
12,00	151	101	18,90	5	004120156
12,25	151	101	23,40	5	004120157
12,50	151	101	20,20	5	004120158
12,75	151	101	26,50	5	004120159
13,00	151	101	21,40	5	004120160



**412/SP19** € 93,50 1 004120419

Ø 1=10 x 0,5 mm

**410/SPVP1** € 26,00 1 004100421

**412/SP25** € 194,00 1 004120425

Ø 1=13 x 0,5 mm

**410/SPVP2** € 36,00 1 004100427

**412/SP49** € 465,00 1 004120449

Ø 1=13 x 0,25 mm

**412/SPV4** € 110,50 1 004120451





## 412/C150



412/C150 € 564,00 1 004120450

412	Ø 3 mm	n.
	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10 mm	5

365x230x47 mm - 3,3 kg



412/SP91 € 604,00 1 004120452

Ø 1=10 x 0,10 mm

## 412A

twist drills with cylindrical shanks, short series, HSS, entirely ground, burnished, with small tang

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	€	U	IT
13,50	160	108	34,50	3	004120202
14,00	160	108	35,50	3	004120204
14,50	169	114	38,00	3	004120206
15,00	169	114	40,00	3	004120208
15,50	178	120	46,00	3	004120210
16,00	178	120	47,50	3	004120212
16,50	184	125	49,00	1	004120213
17,00	184	125	52,50	1	004120214
17,50	191	130	56,00	1	004120215
18,00	191	130	59,50	1	004120216
18,50	198	135	64,00	1	004120217
19,00	198	135	66,00	1	004120218
19,50	205	140	74,00	1	004120219
20,00	205	140	75,00	1	004120220

## 412C

twist drills with cylindrical shanks, extra-short series, HSS, entirely ground, burnished

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 1897 ISO 235

Ø mm	L mm	L1 mm	€	U	IT
3,00	46	16	1,59	10	004120288
3,25	49	18	1,76	10	004120289
3,50	52	20	1,76	10	004120290
4,00	55	22	1,96	10	004120292
4,50	58	24	2,22	10	004120294
5,00	62	26	2,28	10	004120296
5,50	66	28	3,05	10	004120298
6,00	66	28	3,40	10	004120300
6,5	70	31	4,00	10	004120301
7,00	74	34	4,75	10	004120302
7,5	74	34	5,10	5	004120303
8,00	79	37	6,25	5	004120304

## 412L

twist drills with cylindrical shanks, long series, HSS entirely ground burnished

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 340

Ø mm	L mm	L1 mm	€	U	IT
2,00	85	56	3,75	10	004120232
2,50	95	62	4,00	10	004120234
3,00	100	66	4,20	10	004120236
3,50	112	73	4,80	10	004120238
4,00	119	78	5,25	10	004120240
4,50	126	82	6,35	10	004120242
5,00	132	87	6,60	10	004120244
5,50	139	91	8,35	10	004120246
6,00	139	91	8,95	10	004120248
6,50	148	97	10,70	5	004120250
7,00	156	102	12,50	5	004120252
8,00	165	109	16,60	5	004120256
9,00	175	115	19,60	5	004120260
10,00	184	121	21,50	5	004120264

## 412XL

twist drills with cylindrical shanks, extra-long series, HSS, entirely ground

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 1869/1

Ø mm	L mm	L1 mm	€	U	IT
3,00	150	100	14,50	1	004120520
3,50	165	115	15,90	1	004120522
4,00	175	120	15,90	1	004120524
4,50	185	125	16,40	1	004120526
5,00	195	135	16,40	1	004120528
5,50	205	140	20,20	1	004120530
6,00	205	140	20,20	1	004120532

Ø mm	L mm	L1 mm	€	U	IT
6,50	215	150	23,90	1	004120534
7,00	225	155	27,50	1	004120536
7,50	225	155	32,00	1	004120538
8,00	240	165	34,00	1	004120540
8,50	240	165	35,50	1	004120542
9,00	250	175	45,50	1	004120544
9,50	250	175	49,00	1	004120546
10,00	265	185	49,00	1	004120548
10,50	265	185	49,00	1	004120550
11,00	280	195	49,00	1	004120552
12,00	295	205	62,50	1	004120556
13,00	295	205	65,00	1	004120560

## 414

twist drills with cylindrical shanks, short series, HSS-TiN entirely ground

R ≤ 900 N/mm<sup>2</sup>  
HV 0,05 ~ 2500



DIN 338 ISO 235

Ø mm	L mm	L1 mm	€	U	IT
1,00	34	12	2,49	10	004140040
1,25	38	16	2,85	10	004140042
1,50	40	18	2,22	10	004140046
1,75	46	22	2,85	10	004140048
2,00	49	24	2,34	10	004140052
2,25	53	27	2,91	10	004140054
2,50	57	30	2,46	10	004140058
2,75	61	33	3,35	10	004140060
3,00	61	33	2,76	10	004140064
3,25	65	36	3,55	10	004140066
3,50	70	39	3,35	10	004140070
3,75	70	39	3,70	10	004140072
4,00	75	43	3,35	10	004140076
4,25	75	43	4,10	10	004140078
4,50	80	47	3,70	10	004140082
4,75	80	47	4,65	10	004140084
5,00	86	52	4,35	10	004140088
5,25	86	52	6,05	10	004140090
5,50	93	57	5,20	10	004140094
5,75	93	57	6,35	10	004140096
6,00	93	57	5,80	10	004140100
6,25	101	63	7,35	10	004140102
6,50	101	63	6,45	10	004140106
6,75	109	69	8,80	10	004140108
7,00	109	69	7,10	10	004140112
7,25	109	69	9,75	5	004140114
7,50	109	69	8,70	5	004140118
7,75	117	75	11,40	5	004140120
8,00	117	75	10,20	5	004140124
8,25	117	75	11,90	5	004140125
8,50	117	75	10,60	5	004140130
8,75	125	81	14,80	5	004140132
9,00	125	81	13,20	5	004140136
9,25	125	81	16,80	5	004140138
9,50	125	81	14,80	5	004140142
9,75	133	87	17,60	5	004140144
10,00	133	87	15,60	5	004140148
10,50	133	87	18,30	5	004140150
11,00	142	94	19,80	5	004140152
11,50	142	94	21,50	5	004140154
12,00	151	101	23,00	5	004140156
12,50	151	101	26,50	5	004140158
13,00	151	101	27,50	5	004140160





Model	Price (€)	Quantity	Code
414/SP19 Ø 1÷10 x 0,5 mm	137,00	1	004140419
410/SPVP1	26,00	1	004100421
414/SP25 Ø 1÷13 x 0,5 mm	277,00	1	004140425
410/SPVP2	36,00	1	004100427
414/SP49 Ø 1÷13 x 0,25 mm	610,00	1	004140429
414/SPV4	110,50	1	004140430

## 414/C116



Model	Price (€)	Quantity	Code
414/C116	556,00	1	004140450

414	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 Kg

## 415

twist drills with cylindrical shanks, short series, HSS-CO 8% entirely ground

R ≤ 1400 N/mm<sup>2</sup>  
HV ~ 850+920



DIN 338 ISO 235

Ø mm	L mm	L1 mm	Price (€)	Quantity	Code
0,50	22	6	7,00	10	004150029
1,00	34	12	3,45	10	004150040
1,25	38	16	3,80	10	004150043
1,50	40	18	3,45	10	004150046
1,75	46	22	3,60	10	004150049
2,00	49	24	3,35	10	004150052
2,25	53	27	4,10	10	004150055
2,50	57	30	3,70	10	004150058
2,75	61	33	4,10	10	004150061
3,00	61	33	3,75	10	004150064
3,25	65	36	5,20	10	004150067
3,50	70	39	4,75	10	004150070
3,75	70	39	5,80	10	004150073
4,00	75	43	5,20	10	004150076
4,25	75	43	6,50	10	004150079
4,50	80	47	5,90	10	004150082
4,75	80	47	6,80	10	004150085
5,00	86	52	6,35	10	004150088

Ø mm	L mm	L1 mm	Price (€)	Quantity	Code
5,25	86	52	9,20	10	004150091
5,50	93	57	8,35	10	004150094
5,75	93	57	9,65	10	004150097
6,00	93	57	8,80	10	004150100
6,25	101	63	12,50	10	004150103
6,50	101	63	10,90	10	004150106
6,75	109	69	14,40	10	004150109
7,00	109	69	12,90	10	004150112
7,25	109	69	15,50	5	004150115
7,50	109	69	14,00	5	004150118
7,75	117	75	18,20	5	004150121
8,00	117	75	16,40	5	004150124
8,25	117	75	19,80	5	004150127
8,50	117	75	18,60	5	004150130
8,75	125	81	24,60	5	004150133
9,00	125	81	21,70	5	004150136
9,25	125	81	25,50	5	004150139
9,50	125	81	23,50	5	004150142
9,75	133	87	27,50	5	004150145
10,00	133	87	25,50	5	004150148
10,25	133	87	33,00	5	004150149
10,50	133	87	28,00	5	004150150
10,75	142	94	36,50	5	004150151
11,00	142	94	33,00	5	004150152
11,25	142	94	41,00	5	004150153
11,50	142	94	36,00	5	004150154
11,75	142	94	42,00	5	004150155
12,00	151	101	39,00	5	004150156
12,25	151	101	50,00	5	004150157
12,50	151	101	42,00	5	004150158
12,75	151	101	55,00	5	004150159
13,00	151	101	45,00	5	004150160
14,00	160	108	79,00	3	004150164
15,00	169	114	93,50	3	004150168
16,00	178	120	115,00	3	004150172
17,00	186	125	130,50	1	004150174
18,00	194	130	145,00	1	004150176
19,00	202	135	167,00	1	004150178
20,00	210	140	187,50	1	004150180



Co8%

Model	Price (€)	Quantity	Code
415/SP19 Ø 1÷10 x 0,5 mm	192,50	1	004150419
410/SPVP1	26,00	1	004100421
415/SP25 Ø 1÷13 x 0,5 mm	399,00	1	004150425
410/SPVP2	36,00	1	004100427
415/SP49 Ø 1÷13 x 0,25 mm	991,00	1	004150431
415/SPV4	110,50	1	004150432

## 415/C116



Model	Price (€)	Quantity	Code
415/C116	839,00	1	004150450

415	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 kg



Model	Price (€)	Quantity	Code
415/SP91 Ø 1÷10 x 0,10 mm	1.155,00	1	004150460

## 415CO

twist drills with cylindrical shanks, short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800+860



DIN 338 ISO 235

Ø mm	L mm	L1 mm	Price (€)	Quantity	Code
1,00	34	12	1,76	10	004150310
1,50	40	18	1,76	10	004150312
2,00	49	24	1,76	10	004150314
2,50	57	30	1,83	10	004150316
3,00	61	33	1,83	10	004150320
3,50	70	39	2,28	10	004150322
4,00	75	43	2,66	10	004150324
4,50	80	47	3,05	10	004150326
5,00	86	52	3,15	10	004150328
5,50	93	57	4,00	10	004150330
6,00	93	57	4,45	10	004150332
6,50	101	63	5,30	10	004150334
7,00	109	69	6,55	10	004150336
7,50	109	69	7,15	5	004150338
8,00	117	75	8,45	5	004150340
8,50	117	75	8,80	5	004150342
9,00	125	81	10,80	5	004150344
9,50	125	81	11,40	5	004150346
10,00	133	87	13,20	5	004150348
10,50	133	87	15,90	5	004150350
11,00	142	94	17,60	5	004150352
11,50	142	94	19,40	5	004150354
12,00	151	101	21,20	5	004150356
12,50	151	101	23,10	5	004150358
13,00	151	101	25,00	5	004150360

## 415CO-A

twist drills with cylindrical shanks, short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800+860



DIN 338

Ø mm	L mm	L1 mm	Price (€)	Quantity	Code
14,00	160	108	49,00	3	004150364
15,00	169	114	56,50	3	004150366
16,00	178	120	68,50	3	004150368
17,00	184	125	70,00	1	004150370
18,00	191	130	89,50	1	004150372
19,00	198	135	103,50	1	004150374
20,00	205	140	119,50	1	004150376



Co5%

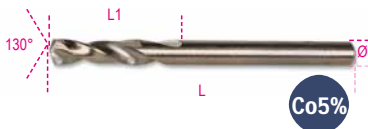
DIN 338

415CO/SP19	€ 101,00	1	004150421
Ø 1÷10 x 0,5 mm			
410/SPVP1	€ 26,00	1	004100421

### 415C

twist drills with cylindrical shanks, extra-short series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800÷860



Co5%

DIN 1897 ISO 235

Ø mm	L mm	L1 mm	€	1	004150288
3,00	46	16	2,46	10	004150288
3,25	49	18	3,15	10	004150289
3,50	52	20	3,15	10	004150290
4,00	55	22	3,45	10	004150292
4,50	58	24	3,95	10	004150294
5,00	62	26	4,25	10	004150296
5,50	66	28	5,60	10	004150298
6,00	66	28	6,00	10	004150300
6,50	70	31	6,25	10	004150301
7,00	74	34	7,45	10	004150302
7,50	74	34	8,60	5	004150303
8,00	79	37	10,60	5	004150304

### 415L

twist drills with cylindrical shanks, long series, HSS-CO 5%, entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800÷860



Co5%

DIN 340

Ø mm	L mm	L1 mm	€	1	004150236
3,00	100	66	4,80	10	004150236
3,50	112	73	5,30	10	004150238
4,00	119	78	6,55	10	004150240
4,50	126	82	8,00	10	004150242
5,00	132	87	8,35	10	004150244
5,50	139	91	10,40	10	004150246
6,00	139	91	11,40	10	004150248
6,50	148	97	13,40	5	004150250
7,00	156	102	15,90	5	004150252
8,00	165	109	20,20	5	004150256
9,00	175	115	25,00	5	004150260
10,00	184	121	32,50	5	004150264

### 416

drill with cylindrical shank, HSS-G, specially ground, with two cutter pairs

R ≤ 900 N/mm<sup>2</sup>  
HV ~ 820÷850

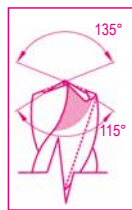


HIGHER CUTTING CAPACITY



DIN 338

Ø mm	L mm	L1 mm	€	1	004160010
1,00	34	12	2,71	10	004160010
1,50	40	18	2,71	10	004160015
2,00	49	24	2,71	10	004160020
2,50	57	30	2,85	10	004160025
3,00	61	33	3,05	10	004160030
3,50	70	39	3,40	10	004160035
4,00	75	43	3,75	10	004160040
4,50	80	47	4,20	10	004160045
5,00	86	52	4,75	10	004160050
5,50	93	57	6,15	10	004160055
6,00	93	57	6,55	10	004160060
6,50	101	63	7,75	10	004160065
7,00	109	69	8,95	10	004160070
7,50	109	69	9,65	5	004160075
8,00	117	75	11,50	5	004160080
8,50	117	75	12,50	5	004160085
9,00	125	81	14,60	5	004160090
9,50	125	81	15,60	5	004160095
10,00	133	87	18,00	5	004160100



416/SP19	€ 136,00	1	004160419
Ø 1÷10 x 0,5 mm			
410/SPVP1	€ 26,00	1	004100421

### 417

helical cylindrical masonry drill bits, short series, made from milled steel with hard metal plates



DIN 8039

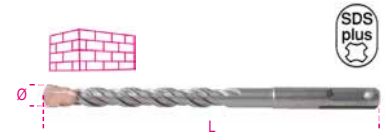
Ø mm	L mm	€	1	004170003
3	70	3,60	10	004170003
4	75	3,60	10	004170004
5	85	3,80	10	004170005
5L	150	8,60	5	004170105
6	100	3,95	10	004170007
6L	150	8,60	5	004170106
7	120	4,45	10	004170009
8	120	4,90	10	004170010
8L	200	9,30	5	004170113
9	120	5,55	10	004170011
10	120	6,50	10	004170012
10L	200	11,20	5	004170120
12	150	8,45	10	004170014
12L	200	12,20	5	004170125
14	150	11,80	5	004170016
16	150	14,60	5	004170018



417/SP8	€ 55,00	1	004170100
Ø 3-4-5-6-8-9-10-12 mm			

### 419

hammer drill bits with milled shanks and hard metal plates  
HVA~ 1650



SDS plus

DIN 8039

Ø mm	L mm	€	1	004190002
4	110	7,45	10	004190002
5	110	7,45	10	004190004
5	160	8,20	10	004190006
6	110	7,30	10	004190012
6	160	8,00	10	004190014
6	210	10,70	10	004190016
7	160	8,80	10	004190028
8	110	7,85	10	004190030
8	160	8,45	10	004190032
8	210	10,20	10	004190034
8	260	13,90	10	004190036
8	310	17,00	10	004190038
8	460	31,00	10	004190042
9	160	10,40	5	004190044
10	160	10,70	5	004190050
10	210	12,40	5	004190052
10	260	15,40	5	004190054
10	310	21,70	5	004190056
10	460	34,00	5	004190060
12	160	11,90	5	004190064
12	210	16,10	5	004190066
12	260	17,30	5	004190068
12	460	35,50	5	004190074
14	160	16,40	3	004190086
14	260	19,80	3	004190090
14	310	28,00	3	004190092
14	460	36,50	3	004190096
16	210	24,30	3	004190112
16	250	25,50	3	004190114
16	300	31,00	3	004190116
16	450	41,00	3	004190120
18	250	33,00	1	004190124
20	310	33,00	1	004190128

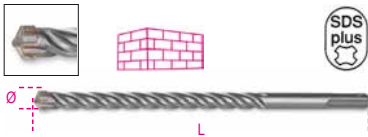




### 419T

hammer drill bits  
with milled shanks, 4 spirals and 4 cutters

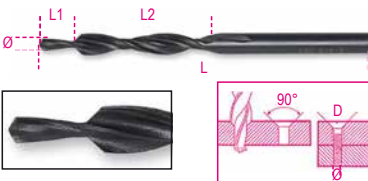
HVA~ 1650



Ø mm	L mm	€		
5	110	5,05	5	004190604
5	160	5,65	5	004190606
6	110	5,30	5	004190612
6	160	6,25	5	004190614
6	210	8,45	5	004190616
7	160	6,35	5	004190628
8	110	5,80	5	004190630
8	160	6,55	5	004190632
8	210	8,70	5	004190634
8	260	9,95	5	004190636
8	310	12,20	5	004190638
9	160	6,95	3	004190644
10	160	7,00	3	004190650
10	210	9,30	3	004190652
10	260	10,10	3	004190654
10	310	14,50	3	004190656
10	460	19,60	3	004190660
12	160	7,80	3	004190664
12	210	10,20	3	004190666
12	260	10,80	3	004190668
12	460	20,20	3	004190674
14	160	10,60	2	004190686
14	260	12,40	2	004190690
14	310	17,50	2	004190692
14	460	19,60	2	004190696
16	210	14,10	2	004190712
16	260	18,60	2	004190714
16	310	20,10	2	004190716
16	460	20,80	2	004190720
18	260	22,80	1	004190724
20	310	27,50	1	004190728

### 420A

subland twist drills with independent spirals,  
for screw holes, 90°,  
HSS,  
for through holes

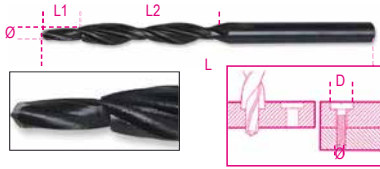


DIN 8374

M	Ø mm	D mm	L1 mm	L2 mm	L mm	€		
3	3,2	6	9,00	57,00	93,00	53,00	1	004200003
4	4,3	8	11,00	75,00	117,00	61,50	1	004200004
5	5,3	10	13,00	87,00	133,00	77,00	1	004200005
6	6,4	11,5	15,00	94,00	142,00	88,50	1	004200006
8	8,4	15	19,00	114,00	169,00	150,00	1	004200008
10	10,5	19	23,00	135,00	198,00	232,50	1	004200010

### 420B

subland twist drills with independent spirals for  
screw holes, 180°,  
HSS,  
for through holes

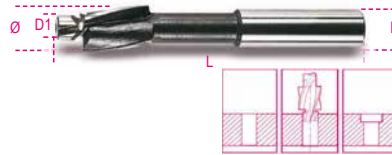


DIN 8376

M	Ø mm	D mm	L1 mm	L2 mm	L mm	€		
3	3,4	6	9,00	57,00	93,00	46,50	1	004200053
4	4,5	8	11,00	75,00	117,00	52,50	1	004200054
5	5,5	10	13,00	87,00	133,00	64,50	1	004200055
6	6,6	11	15,00	94,00	142,00	75,00	1	004200056
8	9	15	19,00	114,00	169,00	94,50	1	004200058
10	11	18	23,00	130,00	191,00	141,00	1	004200060

### 421

countersinks with guide pins,  
fine grade,  
made of HSS



DIN 373

M	L mm	Ø mm	D1 mm	D mm	€		
3	71	6	3,2	5	27,00	1	004210003
4	71	8	4,3	5	27,00	1	004210004
5	80	10	5,3	8	27,00	1	004210005
6	80	11	6,4	8	27,50	1	004210006
8	100	15	8,4	12,5	45,00	1	004210008
10	100	18	10,5	12,5	53,50	1	004210010
12	100	20	13,0	12,5	58,00	1	004210012



421/SP6	€ 221,00	1	004210019
M 3-4-5-6-8-10			
421/SPV	€ 16,40	1	004210020

### 422

ground centre drill bits,  
60° countersink angle,  
made of HSS

• For quick, safe centre holes



DIN 333/A

Ø mm	D mm	L mm	€		
1,60	4,0	35,5	8,60	1	004220116
2,50	6,3	45,0	9,85	1	004220125
3,15	8,0	50,0	11,10	1	004220131

### 423

special end mills for welding  
HSS ground



Ø mm	L mm	€		
6	66	17,00	5	004230006
7	74	20,80	5	004230007
8	79	22,80	5	004230008
10	89	26,50	5	004230010

### 423A

special mills for spot welding,  
HSS ground



DIN 1412/E

Ø mm	L mm	€		
6,5	40	24,70	1	004230015
8,0	40	27,00	1	004230020

### 424

conical drill bits, HSS



	L mm	Ø mm	D mm	€		
424/1	58	3÷14	6	31,00	2	004240001
424/2	63	6÷20	8	52,00	2	004240002
424/3	60	16÷30	10	89,50	2	004240003
424/4	80	3÷22	8	109,50	1	004240004
424/5	102	3÷31	10	147,50	1	004240005
424/6	86	26÷40	13	187,50	1	004240006
424/7	89	36÷50	13	281,00	1	004240007
424/8	90	40÷61	13	465,00	1	004240008



424/SP3	€ 179,00	1	004240019
424/1+424/2+424/3			
Ø 3÷30 mm			
424/SPV	€ 24,70	1	004240020

## 425

stepped drills, HSS



L	Ø	S	D	€		
mm	mm	mm	mm			
425/1	70	4+12	1 6	52,50	2	004250010
425/2	55	4+12	2 6	55,50	2	004250012
425/3	85	4+20	2 10	81,00	2	004250015
425/4	85	12+20	1 10	123,50	1	004250016
425/5	97	20+30	1 10	242,50	1	004250017
425/6	75	4+30	2 10	169,00	1	004250020
425/7	97	30+40	1 13	337,00	1	004250025
425/8	100	40+50	1 13	469,00	1	004250029



425/SP3	€		
425/1+425/3+425/6	308,00	1	004250030
Ø 4+30 mm			
425/SPV	24,70	1	004250035

## 426

countersinking cutters with three cutters, HSS



DIN 335-C

GR	Ø	L	Ø1	€		
	mm	mm	mm			
1	4,3	44	4	17,60	3	004260001
2	5,3	44	4	17,60	3	004260002
3	6,3	44	5	18,30	3	004260003
4	7,3	44	6	21,50	3	004260004
5	8,3	50	6	21,50	3	004260005
6	9,4	50	6	23,90	3	004260006
7	10,4	54	6	27,00	3	004260007
8	12,4	54	8	29,00	3	004260008
9	15,0	56	10	32,50	3	004260009
10	16,5	60	10	34,50	3	004260010
11	20,5	63	10	47,50	3	004260011
12	25,0	66	10	75,00	3	004260012
13	28,0	71	12	101,00	3	004260013
14	31,0	71	12	107,00	3	004260014



DIN 335-C

426/SP6	€		
GR 3-5-7-8-10-11	188,00	1	004260030
Ø 6,3+20,5 mm			
426/SPV	24,70	1	004260035

## 426T

countersinking cutters with three cutters, HSS + TiN



DIN 335-C

GR	Ø	L	Ø1	€		
	mm	mm	mm			
1	4,3	44	4	22,80	3	004260061
2	5,3	44	4	22,80	3	004260062
3	6,3	44	5	23,40	3	004260063
4	7,3	44	6	26,50	3	004260064
5	8,3	50	6	26,50	3	004260065
6	9,4	50	6	28,00	3	004260066
7	10,4	54	6	32,50	3	004260067
8	12,4	54	8	34,00	3	004260068
9	15,0	56	10	38,00	3	004260069
10	16,5	60	10	43,00	3	004260070
11	20,5	63	10	55,50	3	004260071
12	25,0	66	10	84,50	3	004260072
13	28,0	71	12	105,50	3	004260073
14	31,0	71	12	113,00	3	004260074



DIN 335-C

426T/SP6	€		
GR 3-5-7-8-10-11	214,50	1	004260080
Ø 6,3+20,5 mm			
426/SPV	24,70	1	004260035

## 426SB

countersinking cutters, HSS



426/SB1	GR	Ø	D	L	€		
		mm	mm	mm			
426/SB1	1	2+5	6	45	23,70	1	004260101
426/SB2	2	5+10	8	48	29,50	1	004260102
426/SB3	3	10+15	10	65	52,50	1	004260103
426/SB4	4	15+20	12	85	101,50	1	004260104
426/SB5	5	20+25	15	102	170,50	1	004260105
426/SB6	6	25+30	15	115	289,00	1	004260106



426SB/SP4	€		
426/SB1-426/SB2	235,50	1	004260130
426/SB3-426/SB4			
Ø 2+20 mm			
426SB/SPV1	24,70	1	004260135

## 426MD-3/CP3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø	€		
mm	mm			
38,1	3	13,00	1	004260332

## 426MD-3/CT3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø	€		
mm	mm			
37,8	3	13,00	1	004260333

## 426MD-3/F3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø	€		
mm	mm			
38,3	3	13,00	1	004260334

## 426MD-3/FA3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø	€		
mm	mm			
38,2	3	13,00	1	004260339

## 426MD-3/OG3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L	Ø	€		
mm	mm			
38,1	3	13,00	1	004260337

## 426MD-3/OV3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm	€	📄	📦
38,2	3	13,00	1	004260331

## 426MD-3/S3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm	€	📄	📦
38,0	3	13,00	1	004260338

## 426MD-3/T3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm	€	📄	📦
38,3	3	13,00	1	004260336

## 426MD-3/TA3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm	Ø mm	€	📄	📦
38,3	3	13,00	1	004260335



€	📄	📦
117,00	1	004260349

426MD-3/A9  
426MD-3/OV3 - 426MD-3/CP3  
426MD-3/CT3 - 426MD-3/F3  
426MD-3/TA3 - 426MD-3/T3  
426MD-3/OG3 - 426MD-3/S3  
426MD-3/FA3

## 426MD/CP

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260532
63	8	40,00	1	004260512
63	9,5	45,00	1	004260542
69	12	63,50	1	004260522
69	16	90,50	1	004260552

## 426MD/CT

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260533
63	8	40,00	1	004260513
63	9,5	45,00	1	004260543
69	12	63,50	1	004260523
69	16	88,00	1	004260553

## 426MD/F

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260534
63	8	40,00	1	004260514
63	9,5	45,00	1	004260544
69	12	63,50	1	004260524
69	16	71,50	1	004260554

## 426MD/FA

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260539
63	8	40,00	1	004260519
63	9,5	45,00	1	004260549
69	12	63,50	1	004260529
69	16	81,50	1	004260559

## 426MD/OG

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260537
63	8	40,00	1	004260517
70	10	45,00	1	004260547
76	12	63,50	1	004260527
81	16	90,50	1	004260557

## 426MD/OV

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260531
61	9,5	45,00	1	004260541
67	12	63,50	1	004260521
69	16	81,50	1	004260551

## 426MD/S

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260538
51	8	40,00	1	004260518
53	9,5	45,00	1	004260548
56	12	63,50	1	004260528
59	16	71,50	1	004260558

## 426MD/T

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260536
63	8	40,00	1	004260516
63	9,5	45,00	1	004260546
69	12	63,50	1	004260526
70	16	71,50	1	004260556

## 426MD/TA

rotary files, made from hard metal

cross cut HM6



L mm	Ø mm	€	📄	📦
50	6	36,00	1	004260535
67	8	40,00	1	004260515
72	9,5	45,00	1	004260545
73	12	63,50	1	004260525
78	16	90,50	1	004260555



€	📄	📦
467,00	1	004260510

426MD/SP10  
426MD/CP-426MD/CT-426MD/F  
426MD/T-426MD/S  
Ø 8-12 mm



## 427

morse taper extractors



DIN 317

GR	L mm	A mm	€	📦	🚚
0	92	13	12,60	3	004270000
1-2	140	19	17,80	3	004270002
3	190	25	21,40	3	004270003
4	225	30	36,00	3	004270004
5-6	260	35	66,00	3	004270006

## 428FP

machine taps for clearance holes,  
coarse pitch threads, HSS



ISO 529

M	mm	L mm	L1 mm	€	📦	🚚
3x0,5	2,7	56	11	17,40	10	004280003
4x0,7	3,4	63	13	17,40	10	004280004
5x0,8	4,9	70	16	17,40	10	004280005
6x1	4,9	80	19	18,30	10	004280006
8x1,25	6,2	90	22	22,20	10	004280008
10x1,5	8,0	100	24	26,00	10	004280010
12x1,75	7,0	110	29	34,00	5	004280012
14x2	9,0	110	30	41,50	5	004280014
16x2	9,0	110	30	50,00	5	004280016
18x2,5	11,0	125	34	64,50	3	004280018
20x2,5	12,0	140	34	72,50	3	004280020
22x2,5	14,5	140	34	87,00	3	004280022
24x3	14,5	160	38	94,50	3	004280024

## 428FC

machine taps for blind holes,  
coarse pitch threads, HSS



ISO 529

M	mm	L mm	L1 mm	€	📦	🚚
3x0,5	2,7	56	11	21,10	10	004280103
4x0,7	3,4	63	13	21,10	10	004280104
5x0,8	4,9	70	16	21,10	10	004280105
6x1	4,9	80	19	21,70	10	004280106
8x1,25	6,2	90	22	23,60	10	004280108
10x1,5	8,0	100	24	27,50	10	004280110
12x1,75	7,0	110	29	35,50	5	004280112
14x2	9,0	110	30	47,50	5	004280114
16x2	9,0	110	30	56,00	5	004280116
18x2,5	11,0	125	34	75,00	3	004280118
20x2,5	12,0	140	34	80,50	3	004280120
22x2,5	14,5	140	34	98,00	3	004280122
24x3	14,5	160	38	104,00	3	004280124

## 428/C14

assortment of 14 machine taps  
items 428FP + 428FC



428/C14	€	📦	🚚
428FP M3÷12	379,00	1	004280201
428FC M3÷12	22,20	1	004280202

## 429FP

machine taps for clearance holes,  
coarse pitch threads HSS-CO 5%



ISO 529

M	mm	L mm	L1 mm	€	📦	🚚
3x0,5	2,7	56	11	22,80	5	004290003
4x0,7	3,4	63	13	22,80	5	004290004
5x0,8	4,9	70	16	22,80	5	004290005
6x1	4,9	80	19	24,70	5	004290006
8x1,25	6,2	90	22	27,00	5	004290008
10x1,5	8,0	100	24	32,00	5	004290010
12x1,75	7,0	110	29	40,00	5	004290012
14x2	9,0	110	30	53,50	5	004290014

## 429FC

machine taps for blind holes,  
coarse pitch threads HSS-CO 5%



ISO 529

M	mm	L mm	L1 mm	€	📦	🚚
3x0,5	2,7	56	11	27,50	5	004290103
4x0,7	3,4	63	13	27,50	5	004290104
5x0,8	4,9	70	16	27,50	5	004290105
6x1	4,9	80	19	29,00	5	004290106
8x1,25	6,2	90	22	32,50	5	004290108
10x1,5	8,0	100	24	39,00	5	004290110
12x1,75	7,0	110	29	47,50	5	004290112
14x2	9,0	110	30	62,50	5	004290114

## 429/C14

assortment of 14 machine taps  
items 429FP + 429FC



429/C14	€	📦	🚚
429FP M3÷12	465,00	1	004290201
429FC M3÷12	22,20	1	004280202

## 430

hand taps, **coarse pitch**, metric thread  
made from chrome-steel



DIN 352 UNI 4535

M	mm	L mm	L1 mm	€	📦	🚚
2x0,4	2,5	36	11	15,10	5	004300002
3x0,5	2,5	40	12	10,70	5	004300003
4x0,7	3,0	45	14	10,70	5	004300004
5x0,8	4,0	48	16	11,10	5	004300005
6x1	5,0	50	18	11,20	5	004300006
7x1	4,5	50	18	14,40	5	004300007
8x1,25	5,0	56	22	14,50	3	004300008
9x1,25	5,5	63	22	19,60	3	004300009
10x1,5	6,0	70	25	18,60	3	004300010
11x1,5	7,0	70	25	23,90	3	004300011
12x1,75	7,0	75	30	23,90	3	004300012
14x2	8,0	80	32	30,00	3	004300014
16x2	10,0	80	32	35,50	3	004300016
18x2,5	11,0	95	40	47,50	1	004300018
20x2,5	12,0	95	40	57,00	1	004300020
22x2,5	14,5	100	40	69,50	1	004300022
24x3	14,5	110	50	82,00	1	004300024



430/SP21	€	📦	🚚
M 3-4-5-6-8-10-12	128,00	1	004300201
430/SPV	26,50	1	004300202

### 430ASW

hand taps, Whitworth thread  
made from chrome-steel



DIN 352

BSW	mm	L	L1	€	5	10
1/8x40	2,7	40	12	10,50	5	004300031
5/32x32	3,4	45	14	10,50	5	004300032
3/16x24	4,3	48	18	10,50	5	004300033
1/4x20	4,9	50	22	12,30	5	004300034
5/16x18	4,9	56	25	14,90	3	004300035
3/8x16	5,5	70	28	19,60	3	004300036
7/16x14	6,2	70	30	22,20	3	004300037
1/2x12	7,0	75	32	24,80	3	004300038
9/16x12	9,0	80	32	30,00	1	004300039
5/8x11	9,0	80	38	36,00	1	004300040
3/4x10	11,0	95	40	52,50	1	004300041
7/8x9	14,5	100	40	66,00	1	004300042
1"x8	16,0	110	50	85,00	1	004300043

### 430ASC

hand taps, UNC thread  
made from chrome-steel



ANSI B1.1

UNC	mm	L	L1	€	5	10
1/4x20	4,9	70	30	15,60	5	004300051
5/16x18	4,9	70	30	20,20	5	004300052
3/8x16	5,5	75	35	22,80	3	004300053
7/16x14	6,2	80	40	29,50	3	004300054
1/2x13	7,0	85	45	37,00	3	004300055
9/16x12	9,0	90	45	45,50	3	004300056
5/8x11	9,0	100	47	52,50	3	004300057
3/4x10	11,0	110	50	71,00	3	004300058
7/8x9	14,5	120	60	81,50	1	004300059
1"x8	16,0	130	60	92,00	1	004300060

### 431

hand taps, coarse pitch,  
metric thread HSS



DIN 352 UNI 4535

M	mm	L	L1	€	5	10
3x0,5	2,5	40	12	20,20	5	004310003
4x0,7	3,0	45	14	20,20	5	004310004
5x0,8	4,0	48	16	20,80	5	004310005
6x1	5,0	50	18	20,80	5	004310006

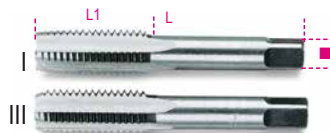
M	mm	L	L1	€	5	10
7x1	5,0	50	18	27,50	5	004310007
8x1,25	5,0	56	22	25,00	3	004310008
10x1,5	6,0	70	25	31,00	3	004310010
12x1,75	7,0	75	30	47,00	3	004310012
14x2	9,0	80	32	66,00	1	004310014
16x2	9,0	80	32	74,50	1	004310016
18x2,5	11,0	95	40	111,50	1	004310018
20x2,5	12,0	95	40	119,50	1	004310020
22x2,5	12,0	100	40	171,00	1	004310022
24x3	14,5	110	50	192,50	1	004310024



431/SP21	€	5	10
M 3-4-5-6-8-10-12	233,50	1	004310201
431/SPV	26,50	1	004310202

### 433

hand taps, fine pitch, metric thread  
made from chrome-steel



DIN 2181 UNI 4535

M	mm	L	L1	€	5	10
6x0,75	4,5	48	16	9,30	5	004330201
7x0,75	4,5	56	18	11,60	5	004330202
8x0,75	5,0	50	16	11,60	5	004330203
8x1	5,0	56	16	11,60	5	004330204
9x0,75	6,0	63	22	15,10	5	004330205
9x1	6,0	63	22	15,10	5	004330206
10x0,75	6,5	63	18	15,10	5	004330207
10x1	6,5	63	18	15,10	5	004330208
10x1,25	6,5	63	18	15,10	5	004330209
11x0,75	7,0	70	25	20,40	3	004330210
11x1	7,0	70	25	20,40	3	004330211
11x1,25	7,0	70	25	20,40	3	004330212
12x0,75	7,0	70	20	19,80	3	004330213
12x1	7,0	70	20	19,80	3	004330214
12x1,25	7,0	70	20	19,80	3	004330215
12x1,5	7,0	70	20	19,80	3	004330216
14x1	8,0	80	32	26,00	1	004330217
14x1,25	8,0	80	32	26,00	1	004330218
14x1,5	8,0	80	32	26,00	1	004330219
16x1	10,0	80	32	30,50	1	004330220
16x1,5	10,0	80	32	30,50	1	004330221
18x1,5	11,0	95	40	36,00	1	004330222
18x2	11,0	80	25	47,00	1	004330223
20x1,5	14,5	80	22	53,50	1	004330224
22x1,5	14,5	80	22	64,00	1	004330225
24x1,5	14,5	80	22	74,50	1	004330226
24x2	14,5	80	22	74,00	1	004330227



### 433ASF

hand taps, fine pitch, UNF thread  
made from chrome-steel



ANSI B1.1

UNF	mm	L	L1	€	5	10
1/4x28	4,9	70	30	11,80	5	004330301
5/16x24	4,9	70	30	14,10	5	004330302
3/8x24	5,5	75	35	15,90	3	004330303
7/16x20	6,2	80	40	20,20	3	004330304
1/2x20	7,0	85	45	25,50	3	004330305
9/16x18	9,0	90	45	32,00	3	004330306
5/8x18	9,0	100	47	36,00	3	004330307
3/4x16	11,0	110	50	49,00	3	004330308
7/8x14	14,5	120	60	63,50	1	004330309
1"x12	16,0	130	60	86,50	1	004330310

### 433ASG

hand taps, cylindrical GAS (BSP) thread  
made from chrome-steel

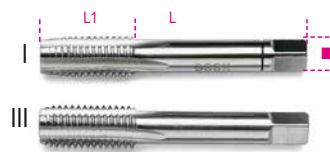


DIN 5157

GAS	mm	L	L1	€	5	10
1/8x28	5,5	65	18	16,80	1	004330401
1/4x19	9,0	70	24	21,50	1	004330402
3/8x19	9,0	75	25	26,00	1	004330403
1/2x14	12,0	80	31	36,50	1	004330405
3/4x14	16,0	90	33	60,50	1	004330408
1"x11	20,0	100	39	98,00	1	004330410

### 434

hand taps, fine pitch, metric thread HSS



DIN 2181 UNI 4535

M	mm	L	L1	€	5	10
6x0,75	4,5	48	16	26,50	5	004340001
8x0,75	5,0	56	16	31,00	5	004340003
8x1	5,0	56	16	31,00	5	004340004
10x0,75	6,5	63	18	39,00	5	004340007
10x1	6,5	63	18	39,00	5	004340008
10x1,25	6,5	63	18	39,00	5	004340009
12x1	7,0	70	20	42,00	3	004340014
12x1,25	7,0	70	20	42,00	3	004340015
12x1,5	7,0	70	20	42,00	3	004340016
13x1,5	9,0	70	20	88,00	1	004340017
14x1	9,0	70	20	52,50	1	004340018
14x1,25	9,0	70	20	52,50	1	004340019
14x1,5	9,0	70	20	45,00	1	004340020
15x1,5	9,0	70	20	88,00	1	004340021
16x1	9,0	70	20	56,50	1	004340022
16x1,5	9,0	70	20	48,50	1	004340023
18x1,5	11,0	80	22	63,00	1	004340024
18x2	11,0	90	25	76,00	1	004340025
20x1,25	12,0	80	22	108,00	1	004340026
20x1,5	12,0	80	22	67,00	1	004340027
20x2	12,0	90	25	82,50	1	004340028
22x1,5	14,5	80	22	96,00	1	004340029
24x1	14,5	80	22	128,00	1	004340030
24x1,5	14,5	80	22	108,00	1	004340031
24x2	14,5	80	22	113,00	1	004340032

### 435

adjustable tap wrenches, steel body



DIN 1814

	□ mm	L mm	€	🔧	📦
435/0	2÷5 M1÷M8	170	18,10	3	004350007
435/1	2÷6 M1÷M10	200	21,80	2	004350009
435/1,5	2,5÷6 M1÷M12	200	23,10	2	004350011
435/2	3÷7 M4÷M12	260	32,50	2	004350013
435/3	4÷12 M5÷M20	345	54,50	1	004350020
435/4	5,5÷16 M9÷M27	430	84,50	1	004350027
435/5	7÷18 M13÷M32	770	191,50	1	004350032

### 435G

adjustable tap wrenches, light alloy body

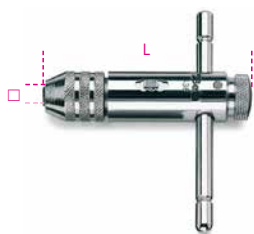


DIN 1814

	□ mm	L mm	€	🔧	📦
435G/0	2÷5 M1÷M8	130	12,90	5	004350108
435G/1	2÷6 M1÷M10	190	15,70	5	004350110
435G/1,5	2÷7 M2÷M12	175	16,40	5	004350112
435G/2	3,4÷7 M4÷M12	280	27,00	5	004350114
435G/3	4,9÷12 M5÷M20	380	43,50	2	004350121
435G/4	7÷16 M11÷M27	500	69,50	2	004350127
435G/5	7÷18 M13÷M32	700	109,50	1	004350132
435G/6	11÷24 M18÷M42	800	180,50	1	004350142

### 436

reversible ratcheting tap wrenches



	□ mm	L mm	€	🔧	📦
436/1	2÷5 M3÷M8	85	30,00	5	004360002
436/2	4,6÷8 M5÷M12	110	38,00	5	004360004

### 436L

reversible ratcheting tap wrenches, long series



	□ mm	L mm	€	🔧	📦
436L/1	2÷5 M3÷M8	245	47,50	2	004360012
436L/2	4,6÷8 M5÷M12	295	55,50	2	004360014

### 436R

spare clamps for items 436 and 436L

	€	🔧	📦
436R/1	5,60	1	004360022
436R/2	6,35	1	004360024

### 437P

thread dresser, for repairing internal and external, right-hand and left-hand threads

P 0.80±3.00 mm



L mm	€	🔧	📦
230	49,00	1	004370003

### 437C

set for repairing damaged spark plug threads, M14x1.25 mm

• Helicoids height: 8.40 - 12.40 - 16.40 mm (5 pcs/size)



437C	€	🔧	📦
	127,00	1	004370100

### 437C/...

stainless steel helicoids for item 437C



H mm	€	🔧	📦
8.4	32,50	1	004370108
12.4	32,50	1	004370112
16.4	32,50	1	004370116

The prices shown are for 10 pieces

### 437C/RM14

male thread for spark plugs M14x1.25



437C/RM14	€	🔧	📦
	105,50	1	004370124

### 437K/8

tool assortment for repairing axle shaft threads

- Allows original thread to be rectified and dressed.
- Kit contents:
  - Metric sizes: 20x1.25 - 20x1.5 - 22x1.00 - 22x1.5 - 24x1.5 - 24x2.00
  - Inch sizes: 3/4x20 - 13/16x20



○ 32 mm

437K/8	€	🔧	📦
	83,50	1	004370020

≡ 200x110x30 mm

### 437K/9

tool assortment for repairing male and female threads, wheel fixing screws

allows original thread to be rectified and dressed

- Kit contents:
  - Taps: M12x1.25 - M12x1.5 - M12x1.75 - M14x1.5
  - Dies: M12x1.25 - M12x1.5 - M14x1.5



○ 12 - 24 mm

437K/9	€	🔧	📦
	88,00	1	004370029

≡ 161x123x50 mm



### 437K/10

assortment for repairing damaged threads on oxygen sensors M18x1.5

Kit contents:

- 1 pilot reamer M18
- 1 tap M18x1.5
- 1 tap M20x1.5
- 5 threaded bushes M18x1.5
- 1 bushing tool



○ 13 - 27 mm

437K/10	€ 133,00	1	004370030
≡ 190x105x40 mm			

### 437K/12

tool assortment for repairing axle shaft threads

allows original thread to be rectified and dressed

Kit contents:

- Metric sizes: M16x1.0 - M16x1.5 - M20x1.0 - M20x1.5 - M22x1.5 - M24x1.5 - M24x2.0 - M27x2.0
- Inch sizes: 3/4x16 - 3/4x20 - 13/16x20 - 27/32x20



○ 32 - 35 mm

437K/12	€ 105,50	1	004370032
≡ 220x118x52 mm			

### 437K/16

tool assortment for repairing damaged threads on brake caliper brackets M9x1.25



437K/16	€ 118,00	1	004370016
≡ 210x150x50 mm			

### 437K/33

tool assortment for repairing damaged spark plug threads

Bushes:

M8x1.0 - M10x1.0 - M10x1.25 - M12x1.25

Taps:

M8x1.0 - M10x1.0 - M10x1.25 - M12x1.0 - M12x1.25 - M14x1.25



437K/33	€ 294,00	1	004370133
≡ 210x150x50 mm			

### 437U/09

assortment for repairing damaged threads M5-M6-M8-M10-M12



25 x M5, M6, M8, M10  
10 x M12

437U/09	€ 356,00	1	004370550
M5X0,8			
M6X1,0			
M8X1,25			
M10X1,5			
M12X1,75			
≡ 370x230x55 mm - 2 Kg			

### 437U/E-M...

stainless steel helicoids



	H mm	€	1	004370555
M5	7.5	19,00	1	004370555
M6	9	19,00	1	004370556
M8	12	26,00	1	004370558
M10	15	34,50	1	004370560
M12	18	21,70	1	004370562

Prices refer to 25 pieces (10 for size M12)

### 437U/PM

bits and taps for item 437U/09

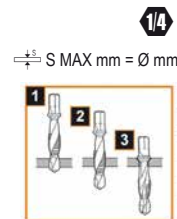


	€	1	004370565
M5	35,50	1	004370565
M6	37,00	1	004370566
M8	50,00	1	004370568
M10	66,00	1	004370570
M12	82,00	1	004370572

### 438A

set of bits for drilling, threading and countersinking; HSS

- M3 - M4 - M5 - M6 - M8 - M10
- With magnetic bit holder



438A	€ 120,00	1	004380010
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### 438...

bits for drilling, threading and countersinking

HSS, 1/4" drive

1/4"

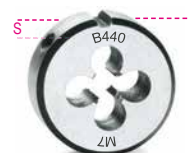


	S max mm	€	1	004380103
M3	3	23,10	2	004380103
M4	4	23,10	2	004380104
M5	5	23,10	2	004380105
M6	6	23,10	2	004380106
M8	8	26,00	2	004380108
M10	10	26,00	2	004380110

### 440

round dies, coarse pitch, metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



UNI 4535  
DIN 223

M	Ø x S mm	€	1	004400002
2x0,4	25,4 x 9	18,20	5	004400002
3x0,5	25,4 x 9	13,40	5	004400003
4x0,7	25,4 x 9	13,40	5	004400004
5x0,8	25,4 x 9	11,50	5	004400005
6x1	25,4 x 9	11,50	5	004400006
7x1	25,4 x 9	11,50	5	004400007
8x1,25	25,4 x 9	11,50	5	004400008
9x1,25	25,4 x 9	11,50	5	004400009
10x1,5	25,4 x 9	11,50	5	004400010
12x1,75	25,4 x 9	11,50	5	004400012

## 440A

round dies, **coarse pitch**,  
metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



UNI 4535  
DIN 223

M	Ø x S mm	€	🔧	📄
10x1,5	38,1 x 14	16,40	3	004400110
11x1,5	38,1 x 14	16,40	3	004400111
12x1,75	38,1 x 14	16,40	3	004400112
14x2	38,1 x 14	16,40	3	004400114
16x2	38,1 x 14	16,40	3	004400116
18x2,5	38,1 x 14	19,10	3	004400118
20x2,5	38,1 x 14	21,10	3	004400120

## 440B

round dies, **coarse pitch**,  
metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



UNI 4535  
DIN 223

M	Ø x S mm	€	🔧	📄
18x2,5	50,8 x 16	29,00	3	004400122
20x2,5	50,8 x 16	30,50	3	004400124
22x2,5	50,8 x 16	33,00	3	004400126
24x3	50,8 x 16	33,50	3	004400128

## 440ASW

round dies, **Whitworth** thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>



UNI EN 22568  
DIN 223

BSW	Ø x S mm	€	🔧	📄
1/8x40	25,4 x 9	15,50	5	004400201
5/32x32	25,4 x 9	15,50	5	004400202
3/16x24	25,4 x 9	13,90	5	004400203
1/4x20	25,4 x 9	13,90	5	004400204
5/16x18	25,4 x 9	13,90	5	004400205
3/8x16	38,1 x 14	19,80	3	004400206
7/16x14	38,1 x 14	19,80	3	004400207
1/2x12	38,1 x 14	20,40	3	004400208
9/16x12	38,1 x 14	20,40	3	004400209
5/8x11	50,8 x 16	35,50	3	004400210
3/4x10	50,8 x 16	35,50	3	004400211
7/8x9	50,8 x 16	41,00	3	004400212
1"x8	50,8 x 16	41,00	3	004400213

## 440ASC

round dies, **coarse pitch**,  
UNC thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>



UNI EN 22568  
DIN 223

UNC	Ø x S mm	€	🔧	📄
1/4x20	25,4 x 9	13,80	5	004400221
5/16x18	25,4 x 9	13,80	5	004400222
3/8x16	38,1 x 14	19,10	3	004400223
7/16x14	38,1 x 14	19,10	3	004400224
1/2x13	38,1 x 14	19,10	3	004400225
9/16x12	38,1 x 14	19,10	3	004400226
5/8x11	50,8 x 16	40,00	3	004400227
3/4x10	50,8 x 16	40,00	3	004400228
7/8x9	50,8 x 16	40,00	3	004400229
1"x8	50,8 x 16	40,00	3	004400230

## 440ASF

round dies, **fine pitch**,  
UNF thread made from chrome-steel



UNI EN 22568  
DIN 223

UNF	Ø x S mm	€	🔧	📄
1/4x28	25,4 x 9	14,60	5	004400241
5/16x24	25,4 x 9	14,60	5	004400242
3/8x24	38,1 x 14	20,80	3	004400243
7/16x20	38,1 x 14	20,80	3	004400244
1/2x20	38,1 x 14	20,80	3	004400245
9/16x18	38,1 x 14	20,80	3	004400246
5/8x18	50,8 x 16	42,00	3	004400247
3/4x16	50,8 x 16	42,00	3	004400248
7/8x14	50,8 x 16	42,00	3	004400249
1"x12	50,8 x 16	42,00	3	004400250

## 440ASG

round dies, cylindrical **GAS** (BSP) thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>



UNI EN 24231  
DIN 223

GAS	Ø x S mm	€	🔧	📄
1/8x28	38,1 x 14	16,40	3	004400255
1/4x19	38,1 x 14	16,40	3	004400256
3/8x19	38,1 x 14	16,40	3	004400257
1/2x14	50,8 x 16	33,50	3	004400259
3/4x14	50,8 x 16	33,50	3	004400260
1"x11	63,5 x 19	66,00	3	004400261

## 441

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



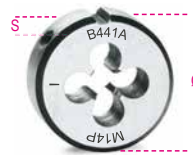
UNI 4535  
DIN 223

M	Ø x S mm	€	🔧	📄
6x0,75	25,4 x 9	13,90	5	004410004
7x0,75	25,4 x 9	13,90	5	004410005
8x0,75	25,4 x 9	13,90	5	004410006
8x1	25,4 x 9	13,90	5	004410007
9x0,75	25,4 x 9	13,90	5	004410008
9x1	25,4 x 9	13,90	5	004410009

## 441A

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



UNI 4535  
DIN 223

M	Ø x S mm	€	🔧	📄
10x0,75	38,1 x 14	20,80	3	004410100
10x1	38,1 x 14	20,80	3	004410101
10x1,25	38,1 x 14	20,80	3	004410102
11x0,75	38,1 x 14	20,80	3	004410103
11x1	38,1 x 14	20,80	3	004410104
11x1,25	38,1 x 14	20,80	3	004410105
12x0,75	38,1 x 14	20,80	3	004410106
12x1	38,1 x 14	20,80	3	004410107
12x1,25	38,1 x 14	20,80	3	004410108
12x1,5	38,1 x 14	20,80	3	004410109
14x1	38,1 x 14	20,80	3	004410110
14x1,25	38,1 x 14	20,80	3	004410111
14x1,5	38,1 x 14	20,80	3	004410112
16x1	38,1 x 14	20,80	3	004410113
16x1,5	38,1 x 14	20,80	3	004410114
18x1,5	38,1 x 14	20,80	3	004410115



## 441B

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC ~ 60+61



UNI 4535  
DIN 223

M	Ø x S mm	€		
18x1,5	50,8 x 16	38,50	3	004410117
18x2	50,8 x 16	38,50	3	004410118
20x1,5	50,8 x 16	39,00	3	004410119
22x1,5	50,8 x 16	41,00	3	004410120
24x1,5	50,8 x 16	41,50	3	004410121
24x2	50,8 x 16	41,50	3	004410122

## 442

round dies, **coarse pitch**, metric thread HSS

HRC ~ 62+63  
AISI M2



UNI EN 22568  
DIN 223

M	Ø x S mm	€		
3x0,5	20x5	16,10	3	004420003
4x0,7	20x5	16,10	3	004420004
5x0,8	20x7	16,40	3	004420005
6x1	20x7	16,40	3	004420006
7x1	25x9	18,30	3	004420007
8x1,25	25x9	18,30	3	004420008
10x1,5	30x11	20,80	3	004420010
12x1,75	38x14	35,00	3	004420012
14x2	38x14	45,00	1	004420014
16x2	45x18	57,00	1	004420016
18x2,5	45x18	60,50	1	004420018
20x2,5	45x18	60,50	1	004420020

## 443

round dies, **fine pitch**, metric thread HSS

HRC ~ 62+63  
AISI M2



UNI EN 22568  
DIN 223

M	Ø x S mm	€		
6x0,75	20x7	27,50	1	004430107
8x0,75	25x9	30,50	1	004430110
8x1	25x9	29,00	1	004430111
10x0,75	30x11	37,50	1	004430113
10x1	30x11	33,50	1	004430114
10x1,25	30x11	33,50	1	004430115
12x1	38x10	55,00	1	004430116
12x1,25	38x10	55,00	1	004430117
12x1,5	38x10	55,00	1	004430118
13x1,5	38x10	65,50	1	004430119
14x1	38x10	55,00	1	004430120

M	Ø x S mm	€		
14x1,25	38x10	55,00	1	004430121
14x1,5	38x10	55,00	1	004430122
15x1,5	38x10	73,50	1	004430123
16x1	45x14	81,00	1	004430124
16x1,5	45x14	81,00	1	004430125
18x1,5	45x14	81,00	1	004430127
20x1,25	45x14	83,50	1	004430129
20x1,5	45x14	83,50	1	004430130
20x2	45x14	83,50	1	004430131
22x1,5	55x16	101,00	1	004430132
24x1	55x16	104,50	1	004430133
24x1,5	55x16	104,50	1	004430135
24x2	55x16	110,50	1	004430136

## 444

die stocks, steel body



EN 22568  
DIN 225

	Ø mm	L mm	€		
444	20x5	190	21,90	5	004440005
444/0	20x7	190	21,90	5	004440007
444/1	25,4x9,5	210	22,90	5	004440025
444/1B	30x11	250	27,00	5	004440030
444/C	38x10	310	34,50	3	004440033
444/1C	38x14	310	34,50	3	004440035
444/2	38,1x12,7	300	35,50	3	004440038
444/1D	45x14	445	48,50	1	004440045
444/2D	45x18	445	48,50	1	004440046
444/3	50,8x15,9	520	70,00	1	004440050
444/4	55x16	495	70,00	1	004440055
444/5A	63,5x19	520	120,50	1	004440057

## 444G

die stocks, light alloy body



UNI EN 22568  
DIN 225

	Ø mm	L mm	€		
444G/A	16x5	160	10,30	5	004440103
444G	20x5	185	11,90	5	004440105
444G/0	20x7	185	11,90	5	004440107
444G/1	25,4x9,5	215	14,50	5	004440125
444G/1A	25x9	215	14,50	5	004440127
444G/1B	30x11	265	18,60	5	004440130
444G/C	38x10	315	27,00	3	004440133
444G/1C	38x14	315	27,00	3	004440135
444G/2	38,1x12,6	310	27,00	3	004440138
444G/1D	45x14	450	35,50	1	004440145
444G/2D	45x18	450	36,50	1	004440146
444G/3	50,8x16	485	38,00	1	004440150
444G/4	55x16	560	46,00	1	004440155
444G/5A	63,5x19	630	81,00	1	004440163
444G/6	65x18	630	86,00	1	004440165

## 446/C30

assortment of chrome-steel taps  
and dies, metric thread,  
and accessories in wooden case



446/C30 € 334,00 1 004460055

325x220x35 mm - 3,2 Kg

430 M mm	440 M mm		
3x0,5	3x0,5	435/1,5	444/1
4x0,7	4x0,7		
5x0,8	5x0,8		
6x1	6x1		
8x1,25	8x1,25		
10x1,5	10x1,5		
12x1,75	12x1,75		

## 446/C48

assortment of chrome-steel taps  
and dies, metric thread,  
and accessories in wooden case



446/C48 € 633,00 1 004460057

580x300x50 mm - 5 Kg

430 M mm	440 M mm	440A M mm		
3x0,5	3x0,5	10x1,5	435/1	444/1
4x0,7	4x0,7	12x1,75	435/3	444/2
5x0,8	5x0,8	14x2		
6x1	6x1	16x2		
8x1,25	8x1,25	18x2,5		
10x1,5		20x2,5		
12x1,75				
14x2				
16x2				
18x2,5				
20x2,5				





## 446/C110

assortment of chrome-steel taps and dies, metric thread, and accessories for car repair jobs in wooden case



446/C110 € 915,00 1 004460060

500x337x60 mm - 8,1 Kg

430 M mm	433 M mm	440/440A M mm	441/441A M mm
2x0,4	6x0,75	2x0,4	6x0,75
3x0,5	7x0,75	3x0,5	7x0,75
4x0,7	8x0,75	4x0,7	8x0,75
5x0,8	8x1	5x0,8	8x1
6x1	9x0,75	6x1	9x0,75
7x1	9x1	7x1	9x1
8x1,25	10x0,75	8x1,25	10x0,75
9x1,25	10x1	9x1,25	10x1
10x1,5	10x1,25	10x1,5	10x1,25
11x1,5	11x0,75	11x1,5	11x0,75
12x1,75	11x1	12x1,75	11x1
14x2	11x1,25	14x2	11x1,25
16x2	12x0,75	16x2	12x0,75
	12x1		12x1
	12x1,25		12x1,25
	12x1,5		12x1,5
	14x1		14x1
	14x1,25		14x1,25
	14x1,5		14x1,5
	16x1		16x1
	16x1,5		16x1,5
	18x1,5		18x1,5



## 446ASF/C29

assortment of chrome-steel taps and dies, UNF thread, and accessories in wooden case



446ASF/C29 € 725,00 1 004460070

660x410x50 mm - 6 Kg

433ASF	440ASF		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

## 446ASC/C37

assortment of chrome-steel taps and dies, UNC thread, and accessories in wooden case



446ASC/C37 € 776,00 1 004460080

660x410x50 mm - 6,7 Kg

430ASC	440ASC		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

## 446ASW/C36

assortment of chrome-steel taps and dies, Whitworth thread, and accessories in wooden case



446ASW/C36 € 536,00 1 004460075

525x310x50 mm - 3,4 Kg

430ASW	440ASW		
1/8	1/8	435/1,5	444/1
5/32	5/32	435/2	444/2
3/16	3/16		
1/4	1/4		
5/16	5/16		
3/8	3/8		
7/16	7/16		
1/2	1/2		

## 446ASG/C23

assortment of chrome-steel taps and dies, cylindrical GAS thread, and accessories in wooden case



446ASG/C23 € 1.130,00 1 004460085

700x430x70 mm - 9,8 Kg

433ASG	440ASG		
1/8	1/8	435/3	444/2
1/4	1/4	435/5	444/3
3/8	3/8		444/5A
1/2	1/2		
3/4	3/4		
1"	1"		

# Beta

### 447/C37

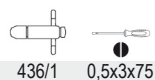
assortment of HSS taps and dies, metric thread, and accessories in metal case



447/C37 € 681,00 1 004470055

380x185x35 mm - 3,9 Kg

431 M mm	442 M mm		
3x0,5	3x0,5	435/0	444
4x0,7	4x0,7	435/2	444/0
5x0,8	5x0,8		444/1A
6x1	6x1		444/1B
8x1,25	8x1,25		444/1C
10x1,5	10x1,5		
12x1,75	12x1,75		



### 447/C53

assortment of HSS taps and dies, metric thread, and accessories in metal case



447/C53 € 1.405,00 1 004470060

500x235x50 mm - 9 Kg

431 M mm	442 M mm			
3x0,5	3x0,5	435/1,5	444	436/1
4x0,7	4x0,7	435/3	444/0	436/2
5x0,8	5x0,8		444/1A	
6x1	6x1		444/1B	
8x1,25	8x1,25		444/1C	
10x1,5	10x1,5		444/2D	
12x1,75	12x1,75			
14x2	14x2			
16x2	16x2			
18x2,5	18x2,5			
20x2,5	20x2,5			

### 447/C70

assortment of HSS taps and dies, metric thread, and accessories for car repair jobs industrial maintenance in wooden case



447/C70 € 1.765,00 1 004470065

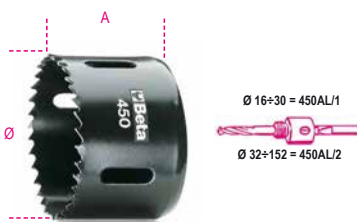
510x340x70 mm - 7,5 Kg

431 M mm	434 M mm	442 M mm	443 M mm
3x0,5	8x1	3x0,5	8x1
4x0,7	10x1,25	4x0,7	10x1,25
5x0,8	12x1,25	5x0,8	12x1,25
6x1	12x1,5	6x1	12x1,5
7x1	14x1,25	7x1	14x1,25
8x1,25	14x1,5	8x1,25	14x1,5
10x1,5	16x1,5	10x1,5	16x1,5
12x1,75		12x1,75	
14x2		14x2	
16x2		16x2	

435/0	444	436/1
435/3	444/0	
	444/1A	
	444/1B	
	444/C	
	444/1C	
	444/1D	
	444/2D	

### 450

holesaws HSS, Bimetal



HSS-Co 8%

Ø mm	Ø	A mm	€		
16	(5/8)	57	17,60	1	004500016
17	(11/16)	57	17,60	1	004500017
19	(3/4)	51	17,60	1	004500019
20	-	51	17,60	1	004500020
21	(13/16)	51	17,60	1	004500021
22	(7/8)	51	17,60	1	004500022
24	(15/16)	51	17,60	1	004500024
25	(1")	51	19,30	1	004500025
27	(1 1/16)	51	20,00	1	004500027
29	(1 1/8)	51	20,00	1	004500029
30	(1 3/16)	51	20,00	1	004500030
32	(1 1/4)	51	20,00	1	004500032
33	(1 5/16)	51	20,50	1	004500033
35	(1 3/8)	51	23,10	1	004500035

Ø mm	Ø	A mm	€		
37	(1 1/4)	51	23,10	1	004500037
38	(1 1/2)	44	23,70	1	004500038
40	(1 9/16)	44	24,40	1	004500040
41	(1 5/8)	44	25,00	1	004500041
43	(1 11/16)	44	25,00	1	004500043
44	(1 3/4)	44	26,00	1	004500044
46	(1 13/16)	44	26,00	1	004500046
48	(1 7/8)	44	26,50	1	004500048
51	(2")	44	27,50	1	004500051
52	(2 1/16)	44	30,50	1	004500052
54	(2 1/8)	44	30,50	1	004500054
57	(2 1/4)	44	30,50	1	004500057
59	(2 5/16)	44	32,00	1	004500059
60	(2 3/8)	44	32,00	1	004500060
64	(2 1/2)	44	33,50	1	004500064
65	(2 9/16)	44	33,50	1	004500065
67	(2 5/8)	44	33,50	1	004500067
68	-	44	33,50	1	004500068
70	(2 3/4)	44	34,50	1	004500070
73	(2 7/8)	44	34,50	1	004500073
76	(3")	44	35,50	1	004500076
79	(3 1/8)	44	37,50	1	004500079
83	(3 1/4)	44	39,00	1	004500083
86	(3 3/8)	44	39,00	1	004500086
89	(3 1/2)	44	41,00	1	004500089
92	(3 5/8)	44	43,50	1	004500092
95	(3 3/4)	44	45,50	1	004500095
98	(3 7/8)	44	46,50	1	004500098
102	(4")	44	48,50	1	004500102
105	(4 1/8)	44	52,50	1	004500105
108	(4 1/4)	44	65,50	1	004500108
111	(4 3/8)	44	74,50	1	004500111
114	(4 1/2)	44	88,00	1	004500114
121	(4 3/4)	44	98,00	1	004500121
127	(5")	44	107,50	1	004500127
140	(5 1/2)	44	130,50	1	004500140
152	(6")	44	151,50	1	004500152

### 450AL

arbors for holesaws



	Ø mm	L mm	€		
450AL/1	16÷30	54	21,50	1	004500210
450AL/2	32÷152	70	50,00	1	004500215

### 450AD

adaptors for arbors item 450AL/1



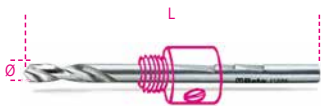
	Ø mm	€		
450AD	32÷51	8,45	1	004500230





## 450PA/1

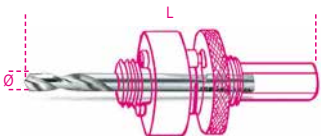
pilot drills for arbors item 450AL/1, HSS



ØxL mm	€		
6,35x105	13,30	1	004500252

## 450PA/2

pilot drills for arbors item 450AL/2, HSS



ØxL mm	€		
6,35x80	13,30	1	004500253

## 450PR

extension for holesaws



L mm	€		
305	36,00	1	004500255

## 450/C9

assortment of holesaws and accessories for electricians



HSS-Co 8%

450/C9	€		
	255,00	1	004500305

450 Ø 22 - 29 - 35 - 44 - 51 - 64 mm

450AL /1 - /2

450AD

220x160x60 mm - 1,6 Kg

## 450/C13

assortment of holesaws and accessories for installers



HSS-Co 8%

450/C13	€		
	319,00	1	004500310

450 Ø 19 - 22 - 29 - 35 - 38

44 - 51 - 57 - 64 mm

450AL /1 - /2

450PA/1

450AD

215x180x65 mm - 1,8 Kg

## 450/C15

assortment of holesaws and accessories for electricians



450/C15	€		
	418,00	1	004500313

450 Ø 16 - 20 - 25 - 32 - 40

51 - 60 - 65 - 70 mm

450AL /1 - /2

450PA /1 - /2

450PR

450AD

420x185x60 mm - 3,2 Kg

## 450/C21

assortment of holesaws and accessories for industrial use



HSS-Co 8%

450/C21	€		
	730,00	1	004500315

450 Ø 19 - 22 - 29 - 35 - 38

44 - 51 - 57 - 64 - 76

83 - 92 - 95 - 105 - 114 mm

450AL /1 - /2

450PA /1 - /2

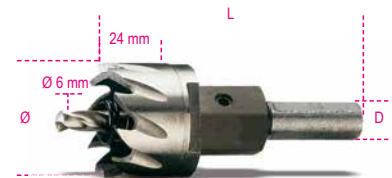
450PR

450AD

420x280x60 mm - 7 Kg

## 451

hole cutters HSS, entirely ground



Ø mm	L mm	D mm	€		
12	85	8	26,50	1	004510012
13	85	8	26,50	1	004510013
14	85	8	27,00	1	004510014
15	85	10	27,00	1	004510015
16	85	10	27,00	1	004510016
17	85	10	27,00	1	004510017
18	85	10	27,00	1	004510018
19	85	10	27,50	1	004510019
20	85	10	29,00	1	004510020
21	85	10	31,00	1	004510021
22	85	10	32,50	1	004510022
23	85	10	34,00	1	004510023
24	85	10	35,00	1	004510024
25	85	10	36,00	1	004510025
26	90	10	38,00	1	004510026
27	90	10	39,00	1	004510027
28	90	10	40,00	1	004510028
29	90	10	41,50	1	004510029
30	90	10	42,00	1	004510030
31	90	10	44,50	1	004510031
32	90	10	45,50	1	004510032
33	90	10	47,00	1	004510033
34	90	10	48,50	1	004510034
35	90	10	50,00	1	004510035
36	85	10	51,50	1	004510036
37	85	10	52,50	1	004510037
38	85	10	53,50	1	004510038
39	85	10	55,00	1	004510039
40	85	10	56,00	1	004510040
41	85	10	57,50	1	004510041
42	85	10	60,50	1	004510042
43	85	10	62,50	1	004510043
44	85	10	63,50	1	004510044
45	85	10	65,00	1	004510045
46	85	10	65,00	1	004510046
47	85	10	67,00	1	004510047
48	85	10	70,00	1	004510048
49	85	10	72,00	1	004510049
50	85	10	72,00	1	004510050



## 451GA

arbors for hole cutters item 451



M	∅ mm	L mm	D mm	€		
10x1,25	12÷14	57	8	15,00	1	004510101
12x1,25	15÷34	57	10	15,00	1	004510102
14x1,5	35÷50	57	10	18,30	1	004510105

## 451PA

pilot drill for hole cutters item 451  
HSS



∅ mm	L mm	€		
6	53	8,45	1	004510103

## 451PR

extension for hole cutters item 451



M	∅ mm	L mm	∅1 mm	€		
12x1,25	15÷34	400	13	65,50	1	004510104
14x1,5	35÷50	400	13	65,50	1	004510108

## 452

hole cutters with hard metal insets



∅ mm	∅1 mm	€		
15	10	108,00	1	004520015
16	10	108,00	1	004520016
17	10	108,00	1	004520017
18	10	108,00	1	004520018
19	10	108,00	1	004520019
20	10	108,00	1	004520020
21	10	108,00	1	004520021
22	10	108,00	1	004520022
23	10	108,00	1	004520023
24	10	108,00	1	004520024
25	10	108,00	1	004520025
26	10	121,50	1	004520026
27	10	121,50	1	004520027
28	10	121,50	1	004520028
29	10	121,50	1	004520029
30	10	121,50	1	004520030
31	10	146,50	1	004520031
32	10	146,50	1	004520032
33	10	146,50	1	004520033
34	10	146,50	1	004520034
35	10	146,50	1	004520035
36	10	170,00	1	004520036
37	10	170,00	1	004520037
38	10	170,00	1	004520038
39	13	170,00	1	004520039
40	13	170,00	1	004520040
41	13	191,50	1	004520041
42	13	191,50	1	004520042
43	13	191,50	1	004520043
44	13	191,50	1	004520044
45	13	191,50	1	004520045
46	13	215,50	1	004520046
47	13	215,50	1	004520047
48	13	215,50	1	004520048
49	13	215,50	1	004520049
50	13	215,50	1	004520050
55	13	244,50	1	004520055
60	13	325,00	1	004520060
65	13	325,00	1	004520065
70	13	379,00	1	004520070
75	13	413,00	1	004520075
80	13	448,00	1	004520080
85	13	505,00	1	004520085
90	13	536,00	1	004520090

## 452GA

arbors for hole cutters item 452

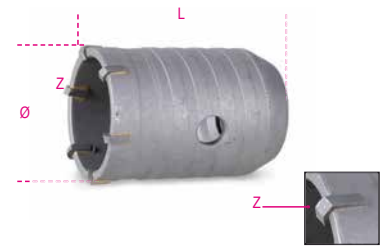


	∅ mm	€		
452GA/1	15÷21	13,40	1	004520125
452GA/2	22÷38	15,60	1	004520126
452GA/3	39÷100	18,60	1	004520127

## 460

hole cutters for building materials

- For concrete, cement, natural and artificial stones
- Maximum drilling depth: 60 mm



∅ mm	L mm	Z	€		
50	75	6	55,00	1	004600050
60	75	6	65,50	1	004600060
65	75	6	68,50	1	004600065
80	75	6	101,50	1	004600080
90	75	6	107,50	1	004600090
100	75	8	131,50	1	004600100
112	75	8	150,50	1	004600112
125	80	10	187,50	1	004600125
150	80	12	253,00	1	004600150

## 460PP

pilot drill for hole cutters for building materials  
460



∅ mm	L mm	€		
8	120	6,25	1	004600201

## 460G

shanks for hole cutters 460



L mm	€		
220	34,00	1	004600222
370	47,50	1	004600237
460	75,00	1	004600246

# Beta

# Beta

# TORQUE MULTIPLIERS

Torque multipliers are essential tools for tightening nuts and screws, as they allow a higher torque than the operator would normally apply to be generated, in small or hardly accessible spaces. They do not require bulky extensions, thereby ensuring total safety.

**Beta's range of torque multipliers** provides a variety of solutions and capacities **up to 9500 Nm**, and torque multiplication ratios up to 135:1. Many models – especially the most powerful ones – are fitted with a two-way anti-wind up system, to prevent dangerous tension returns onto the operator. Each of Beta's torque multipliers comes with a **certificate** proving that the tool was tested at the maximum value under optimal operating conditions.

## Operating instructions

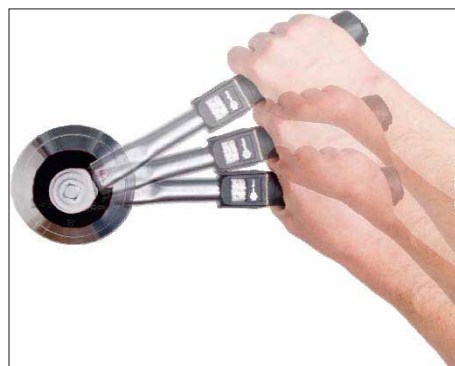
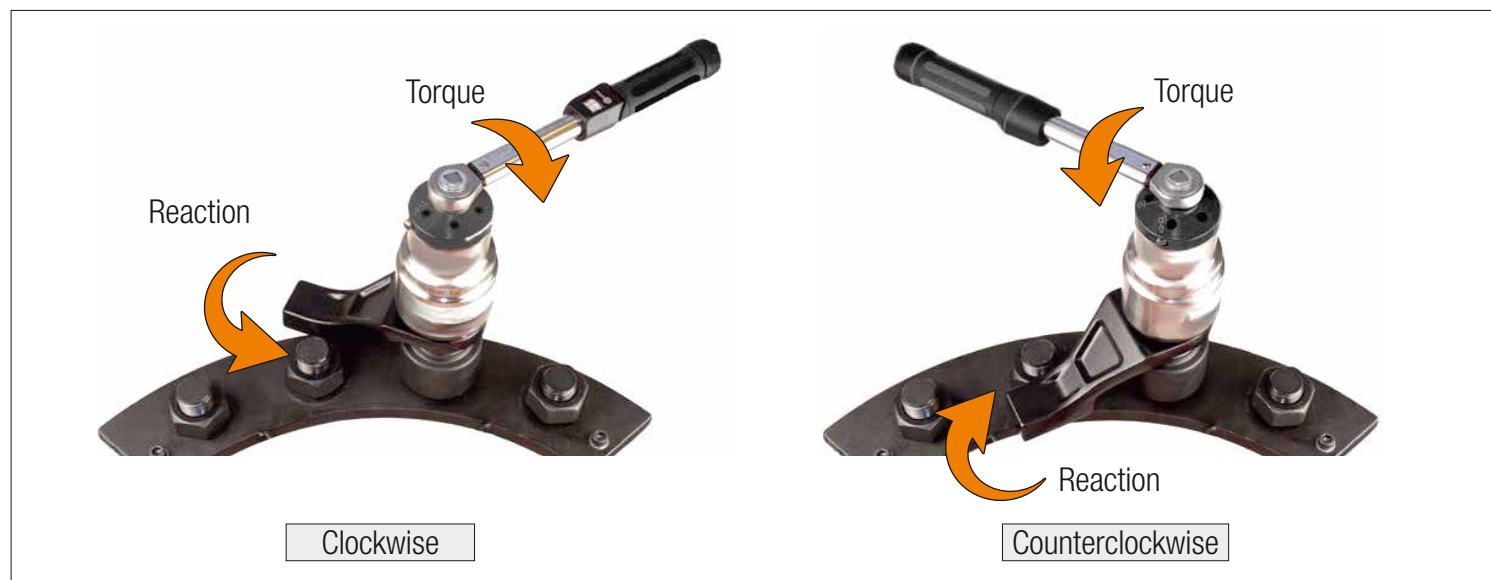
The torque multiplier **must be used with a torque wrench** to ensure control of the output torque; in addition, it must always be used with **impact sockets**.

The ratios of each torque multiplier determine the **multiplication factor** between the input torque and the output torque. Example: torque multiplier with 5:1 ratio. Applying an input torque of 100 Nm, as set on the torque wrench, will result in an output torque of 500 Nm as transmitted to the nut or screw.

However, make sure that all the parts involved in tightening are properly aligned.

Avoid using **extensions**, as these would twist, thereby producing a spring effect which would modify the applied torque values.

Always check that the **reaction arm** of the torque multiplier has been fixed to, or rests on, a sturdy structure, capable of withstanding the reaction force. As a rule, adequately rigid walls or screws near to the one that must be worked on are used. The reaction arm always rotates in the **opposite** direction to the tightening direction.



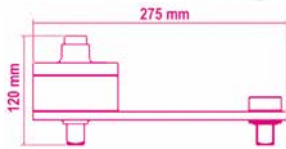
Operate smoothly and uninterruptedly.

Tightening tension must be released by rotating the torque multiplier in the other direction, before disengaging it; if the torque multiplier is fitted with an anti-wind up system, tightening tension must be released through the reversal lever.

The above instructions also apply to **unscrewing** operations.

## 560/C3

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system



Nm	kgfm	lbf.ft	□	■	kg
1500	150	1110	1/2"	3/4"	3,9

		€	📦	📄
<b>560/C3</b>		910,00	1	005600030
☰ 400x260x110 mm				

## 560/C3PLUS

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system

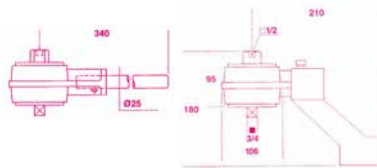


Nm	kgfm	lbf.ft	□	■	kg
2700	270	1991	3/4"	1"	7,5

		€	📦	📄
<b>560/C3PLUS</b>		1.060,00	1	005600038
☰ 470x240x160 mm				

## 560/C2

torque multiplier for right-/left-hand tightening and accessories ratio 5:1 in plastic case for intensive use

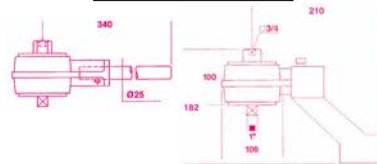


Nm	Kgfm	lbf.ft	□	■	kg
1300	130	960	1/2"	3/4"	3,8

		€	📦	📄
<b>560/C2</b>		1.850,00	1	005600020
<b>560/2</b>		1.375,00	1	005600002
<b>560/18</b>		43,50	1	005600018
<b>560/19</b>		92,00	1	005600019
<b>560/22</b>		319,00	1	005600022
☰ 310x275x120 mm				

## 560/C4+

torque multiplier for right/left-hand and accessories ratio 5:1 with reaction foot for intensive use



Nm	Kgfm	lbf.ft	□	■	kg
2700	270	2000	3/4"	1"	5

		€	📦	📄
<b>560/C4PLUS</b>		1.815,00	1	005600042
<b>560/4</b>		1.435,00	1	005600004
<b>560/18</b>		43,50	1	005600018
<b>560/22</b>		319,00	1	005600022
☰ 310x275x120 mm				

## 560/C6

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 6.5:1



Nm	kgfm	lbf.ft	□	■	kg
1500	150	1106	1/2"	3/4"	6

		€	📦	📄
<b>560/C6</b>		947,00	1	005600160
☰ 400x260x110 mm				

## 560/C12

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 12:1

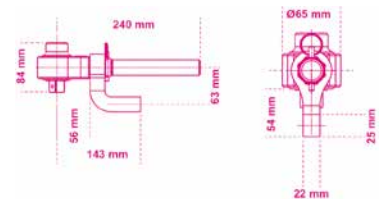


Nm	kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

		€	📦	📄
<b>560/C12</b>		1.360,00	1	005600210
☰ 400x260x110 mm				

## 561/1

torque multiplier for right-hand and left-hand tightening, ratio 5:1, with two reaction feet



Nm	kgfm	lbf.ft	□	■	kg
1000	100	740	1/2"	3/4"	2,7

		€	📦	📄
<b>561/1</b>		1.325,00	1	005610010
☰ 270x210x70 mm				



## 562-1/VA - 562-2/VA

torque multipliers for right-hand and left-hand tightening  
ratio 5,2:1

in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	3/4	1"	mm	mm	mm	mm	kg
					108	95	85	220	8,8

562-1/VA € 2.940,00 1 005620601

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	3/4	1"	mm	mm	mm	mm	kg
					119	115	85	265	10,5

562-2/VA € 3.560,00 1 005620602

## 564-3R/V - 564-4R/V

torque multipliers for right-/left-hand tightening

ratio 25:1  
with anti-wind up system,  
in case



Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
4000	400	3000	1/2	1"	mm	mm	mm	kg
					92	185	205	7,6

564-3R/V € 5.730,00 1 005640613

≡ 390x310x145 mm

Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
7000	700	5000	1/2	1 1/2"	mm	mm	mm	kg
					120	200	210	13,2

564-4R/V € 6.770,00 1 005640614

≡ 500x435x170 mm

## 565-1R/VA - 565-2R/VA - 565-3R/VA

torque multipliers for right-hand and left-hand tightening  
ratio 27:1

with anti-wind up system,  
in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	1/2	1"	mm	mm	mm	mm	kg
					108	125	80	215	11,2

565-1R/VA € 4.760,00 1 005650611

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2	1"	mm	mm	mm	mm	kg
					119	145	85	265	13,6

565-2R/VA € 6.210,00 1 005650612

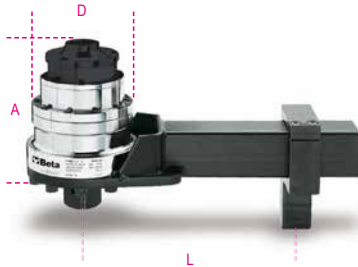
Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2	1 1/2"	mm	mm	mm	mm	kg
					119	145	85	265	14,2

565-3R/VA € 6.560,00 1 005650613

## 565-4R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 27:1

with anti-wind up system,  
in case 565VV-B



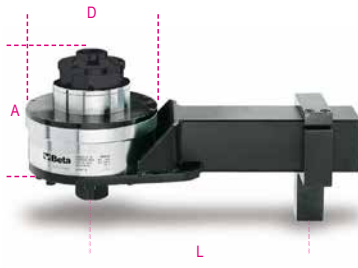
Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
6000	600	4500	1/2	1 1/2"	mm	mm	mm	mm	kg
					144	180	125	335	22,4

565-4R/VB € 7.410,00 1 005650614

## 565-5R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 27:1

with anti-wind up system,  
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
9500	950	7000	3/4	1 1/2"	mm	mm	mm	mm	kg
					184	180	155	355	30,4

565-5R/VB € 12.610,00 1 005650615

## 567-4R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 135:1

with anti-wind up system,  
in case 565VV-B



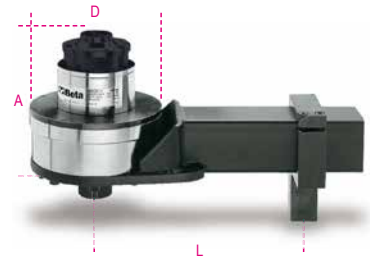
Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
6000	600	4500	1/2	1 1/2"	mm	mm	mm	mm	kg
					144	210	125	335	24,4

567-4R/VB € 8.230,00 1 005670614

## 567-5R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 135:1

with anti-wind up system,  
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
9500	950	7000	1/2	1 1/2"	mm	mm	mm	mm	kg
					184	210	155	350	32,4

567-5R/VB € 14.130,00 1 005670615

## 562VV-A

multiplier case,  
made of hard-wearing polypropylene with  
sponge lining  
Interior dimensions: 380x270x180 mm



562VV-A € 252,00 1 005620501

562/1-562/2-564/3R  
564/4R-565/1R-565/2R  
565/3R

≡ 410x340x205 mm - 3,5 kg

## 565VV-B

multiplier case,  
made of hard-wearing polypropylene with  
sponge lining  
Interior dimensions: 480x370x205 mm



565VV-B € 340,00 1 005650502

565/4R-565/5R  
567/4R-567/5R

≡ 520x435x230 mm - 5,4 kg

# GUIDE TO TORQUE WRENCHES



Torque wrenches must always be held in the middle of the handle, in order not to change the lever ratio. They must be operated smoothly and uninterruptedly, avoiding jerks.



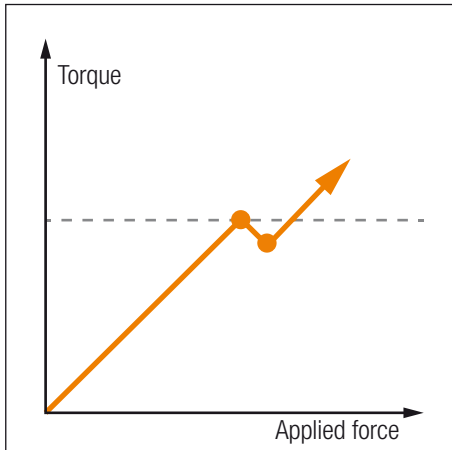
The adjustment scale must be reset to zero after use, in order not to affect tightening precision.



Beta provides a wide range of wrenches, with **four different types of operation**.

## DIRECT READING MODELS

The applied tightening torque is transmitted directly to the reading index through compression of a coil spring. The applied torque can be read in real time through a pointer. A second pointer can be positioned on the target torque value. When the target torque value is reached, the second pointer will be hooked by the main pointer and record the peak value. Direct reading torque wrenches ensure remarkable accuracy and durability over time.

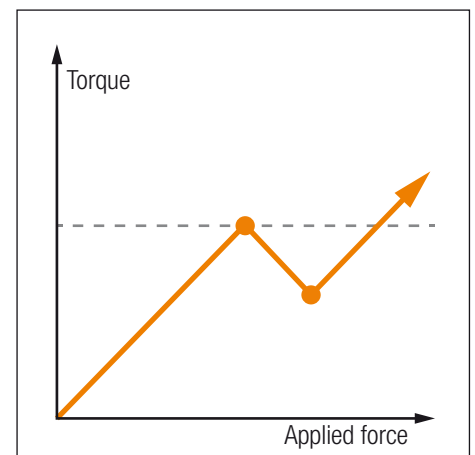
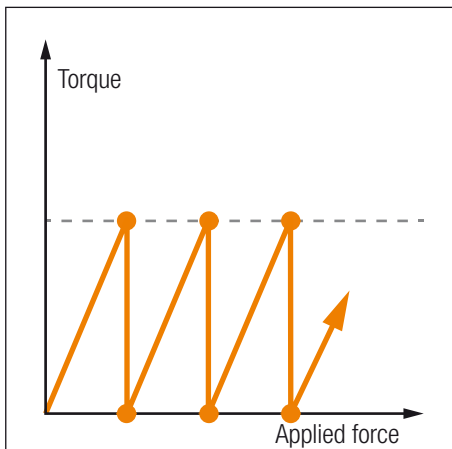


## CLICK-TYPE MODELS

Click-type torque wrenches are the most popular models, as they are easy to use. They enable quick torque preselection by spring loading. The torque value increases as the applied force increases. When the required torque value is reached, a sudden release will occur, and the wrench will not apply any tightening force for approximately 3-5°. If the operator does not interrupt movement, the torque will keep increasing, thereby exceeding the required values.

## BREAK-BACK MODELS

Break-back torque wrenches operate like click-type models, but when the required torque value is reached, a sudden release of the lever arm will occur (approximately 20°). Therefore, it is easier for the operator to stop applying force. They are normally used for high torque values with extremely long lever arms.



## SLIPPING MODELS

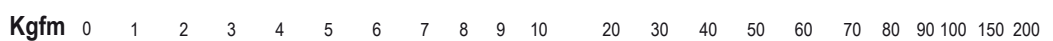
When the pre-set torque value is reached, the slipping mechanism will stop the torque from being applied, thereby causing the tool to idle. This will prevent tightening with high torque values compared to the required ones. Keeping applying force will cause the same cycle to be repeated. They are ideal for operations in sequence with low torque values (electronic and micromechanical industries), where avoiding breaking delicate or small-sized parts is a priority.

# FIELDS OF USE FOR TORQUE WRENCHES

1 Nm = 0,10197 Kgfm = 0,7375 lbf.ft



Size	Model	Min (Nm)	Max (Nm)
1/4"	590	0,3	4
	590/1	0,5	13,5
	603/5	1	5
	603/10	2	10
	605E/5	1	5
	605E/10	2	10
	666N/2	5	25
3/8"	592/3	1	27
	592/4	3	40
	599DGT/6	12	60
	665/6	10	60
	665/10	20	100
	665LB/6	7 LBF.FT	45 LBF.FT
	665LB/10	15 LBF.FT	75 LBF.FT
	666N/2X	5	25
	666N/5	10	50
	666N/10	20	100
	666N LBF.IN/5	90 LBF.IN	440 LBF.IN
	666N LBF.IN/10	200 LBF.IN	800 LBF.IN
	668RGC/6	12	60
	668RGC/10	20	100
	1/2"	594/8	6
594/21		20	215
599DGT/10X		20	100
599DGT/20		40	200
599DGT/30		68	340
599DGT-AN/10		20	100
599DGT-AN/20		40	200
606MQ/50		5	50
610/5		90	130
610L/5		90	130
610L/5L		120	200
665/10X		20	100
665/20		40	200
665/30		60	330
665LB/10X		15 LBF.FT	75 LBF.FT
665LB/20		30 LBF.FT	150 LBF.FT
665LB/30		45 LBF.FT	240 LBF.FT
666N/10X		20	100
666N/20		40	200
666N/30		60	300
666N LBF.IN/10X		200 LBF.IN	800 LBF.IN
666N LBF.IN/20		400 LBF.IN	1800 LBF.IN
666N LBF.IN/30		500 LBF.IN	3000 LBF.IN
667N/20		40	200
667N/30		60	300
668RGC/10X		20	100
668RGC/20		40	200







# Beta

## 581

slip-torque screwdriver, ungraduated for right-hand tightening torque accuracy:  $\pm 6\%$  (to be used with items 588 - 682)



UNI EN ISO 6789

Nm	gfm	lbf.ft	kg
1,2÷6	120÷600	1/4"	275

581	€ 297,00	1	005810001
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## 583

slip-torque screwdriver, graduated for right-hand tightening torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	gfm	lbf.ft	kg
0,3÷1,5	30÷150	1/4"	240

583/1,5	€ 334,00	1	005830015
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Nm	gfm	lbf.ft	kg
0,6÷3	60÷300	1/4"	240

583/3	€ 334,00	1	005830030
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Nm	gfm	lbf.ft	kg
1,2÷6	120÷600	1/4"	350

583/6	€ 334,00	1	005830060
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## 583/C31

1 torque screwdriver, 8 hexagon hand sockets, 20 bits and 2 accessories



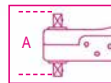
583/C31	€ 465,00	1	005830931
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583/6	1.2 - 6 Nm
900	4-5-5,5-6-7-8-9-10 mm
860LP	0,6x4,5 - 1x5,5 - 1,2x6,5 mm
860PH	PH1 - PH2 (x2) - PH3
860PE	2-2,5-3-4-5 mm
860TX	T9-T10-T15-T20-T25-T27-T30-T40
882P/80	80 mm
892/0	1/4" 1/4"

270x120x45 mm - 1,2 kg

## 590-592

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	mm	A mm	L mm	kg
0,3÷4	0,03÷0,4	3÷35	1/4"	60	253	0,52

590	€ 788,00	1	005900001
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Nm	Kgfm	lbf.in	mm	A mm	L mm	kg
0,5÷13,5	0,05÷1,35	4÷120	1/4"	60	253	0,52

590/1	€ 788,00	1	005900003
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Nm	Kgfm	lbf.in	mm	A mm	L mm	kg
1÷27	0,1÷2,7	10÷240	3/8"	70	253	0,52

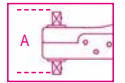
592/3	€ 783,00	1	005920005
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Nm	Kgfm	lbf.in	mm	A mm	L mm	kg
3÷40	0,3÷4	20÷360	3/8"	70	253	0,52

592/4	€ 783,00	1	005920007
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## 594

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	A mm	L mm	kg
6÷80	0,6÷8	5÷60	1/2"	85	455	1,35

594/8	€ 1.186,00	1	005940011
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Nm	Kgfm	lbf.ft	mm	A mm	L mm	kg
20÷215	2÷21,5	15÷160	1/2"	85	530	1,40

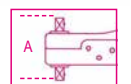
594/21	€ 1.186,00	1	005940015
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Torque calibration service at end of price list

## 596-598

direct reading torque wrenches for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$

A signal light and an intermittent sound mean the pre-set torque load is achieved.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	A mm	L mm	kg
80÷400	8÷40	60÷300	3/4"	111	710	3,2

596/40SL	€ 1.960,00	1	005960010
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Nm	Kgfm	lbf.ft	mm	A mm	L mm	kg
160÷800	16÷80	120÷600	3/4"	115	1025	4,85

596/80SL	€ 2.465,00	1	005960020
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Nm	Kgfm	lbf.ft	mm	A mm	L mm	kg
200÷2000	20÷200	150÷1500	1"	135	1930	16,70

598/200SL	€ 5.140,00	1	005980022
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# Beta

Quality Tools



### 599DGT

electronic torque wrench  
with reversible ratchet,  
right-hand (accuracy:  $\pm 2\%$ ) and left-hand  
(accuracy:  $\pm 3\%$ ) tightening

- Dual measurement mode: peak hold and track
- Light indicators and an intermittent sound inform user that preset torque has been reached
- Power supply: 2 1.5V batteries (included)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	■
12÷60	1,2÷6	8÷44	3/8	30	33	413	0,9

<b>599DGT/6</b>	<b>€ 417,00</b>	<b>1</b>	<b>005990003</b>
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Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷80	1/2	30	37	413	0,9

<b>599DGT/10X</b>	<b>€ 429,00</b>	<b>1</b>	<b>005990010</b>
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Nm	Kgfm	lbf.ft	■	D	A	L	■
40÷200	4÷20	30÷150	1/2	40	43	520	2

<b>599DGT/20</b>	<b>€ 446,00</b>	<b>1</b>	<b>005990020</b>
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Nm	Kgfm	lbf.ft	■	D	A	L	■
68÷340	6,8÷34	58÷280	1/2	40	43	640	2,35

<b>599DGT/30</b>	<b>€ 481,00</b>	<b>1</b>	<b>005990030</b>
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### 599DGT-AN

electronic torque wrench, torque and angle  
readout,  
with reversible ratchet,  
right-hand (accuracy:  $\pm 2\%$ )  
and left-hand (accuracy:  $\pm 3\%$ ) tightening

- tightening types: torque, angle, torque + angle
- dual measurement mode: peak hold and track
- light indicators and an intermittent sound inform user that preset torque or angle has been reached
- tightening data storage (up to 250 values)
- up to 9 torque/angle values can be preset
- key safety lockout
- wrench can be associated with 16 users through user ID
- tightening data traceability. Software allows date and time, tool serial number, set tightening value and reached value to be stored and associated with user ID
- nonslip bi-material handle
- included: 2 AA - 1.5V batteries, USB cable and software



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	■
20÷100	2÷10	15÷80	1/2	30	33	413	0,9

<b>599DGT-AN/10</b>	<b>€ 783,00</b>	<b>1</b>	<b>005990610</b>
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Nm	Kgfm	lbf.ft	■	D	A	L	■
40÷200	4÷20	30÷150	1/2	40	43	520	1,3

<b>599DGT-AN/20</b>	<b>€ 826,00</b>	<b>1</b>	<b>005990620</b>
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**Torque calibration  
service  
at end of price list**



### 600

torque angle indicators



	□	■	€	■	■
<b>600/1</b>	1/2	1/2	167,00	1	006000001
<b>600/2</b>	3/4	3/4	189,00	1	006000002

### 601C

digital tangle indicator

Light signals and an intermittent sound inform user  
that preset angle has been reached



<b>601C</b>	<b>€ 224,50</b>	<b>1</b>	<b>006010100</b>
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85x80x87 mm - 70 g

### 601CA

digital torque and angle indicator

light indicators and an intermittent sound  
inform user that preset torque or angle  
has been reached



	□	■	Nm	€	■	■
<b>601CA</b>	1/2"	1/2"	10÷200	397,00	1	006010120

120x90x120 mm - 240 g



### 603

calibrated slipping torque wrenches  
for right-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A	L	g
1÷5	0,1÷0,5	10÷45	1/4	mm 35	mm 195	235

603/5 € 676,00 1 006030005

Nm	Kgfm	lbf.in	■	A	L	g
2÷10	0,2÷1,0	18÷90	1/4	mm 35	mm 195	235

603/10 € 692,00 1 006030010

### 604B

break-back torque bars  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	kgfm	lbf.in	∅	L	g
1÷5	0,1÷0,5	10÷45	mm 8	mm 220	290

604B/5 € 439,00 1 006040015

Nm	Kgfm	lbf.in	∅	L	g
2÷10	0,2÷1,0	18÷90	mm 8	mm 220	300

604B/10 € 439,00 1 006040020

### 605E

click-type torque wrenches  
with reversible ratchets  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A	L	g
1÷5	0,1÷0,5	10÷45	1/4	mm 20	mm 190	180

605E/5 € 225,50 1 006050105

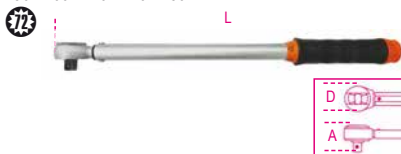
Nm	Kgfm	lbf.in	■	A	L	g
2÷10	0,2÷1,0	18÷90	1/4	mm 20	mm 190	180

605E/10 € 235,50 1 006050110

### 610/5

click-type torque wrenches  
with reversible ratchets,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

Nm	■	D	A	L	g
90÷130	1/2	mm 42	mm 39	mm 490	1330

610/5 € 188,00 1 006100025

### 610L/5

click-type torque wrenches  
with L-shaped levers,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

Nm	■	L	L1	g
90÷130	1/2	mm 470	mm 80	1350

610L/5 € 167,00 1 006100125

### 610L/5L

click-type torque wrench  
with L-shaped lever,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
120 - 140 - 160 - 180 - 200 Nm



UNI EN ISO 6789

Nm	■	L	L1	g
120÷200	1/2	mm 470	mm 80	1400

610L/5L € 172,00 1 006100150

### 611

reversible ratchets  
for torque bars items 604B/5 and 604B/10  
8 mm drive



1/4 L mm 42,5 € 158,00 1 006110001

**Torque calibration  
service  
at end of price list**

### 612 ÷ 614

reversible ratchets for torque bars



**Items 612 and 612X should not be used  
with tightening torques exceeding 100 Nm**

	■	L	LA	€	g
612	3/8	mm 66	mm 32	71,00	2 006120000
612X	1/2	mm 66	mm 32	75,00	2 006120010
614	1/2	mm 71	mm 32	82,00	2 006140000
614X	3/4	mm 71	mm 32	89,50	2 006140004

### 614/50

push-through ratchet for torque bars



614/50 L mm 71 LA mm 32 € 75,00 2 006140002

**Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8**

## 615

reversible ratchets  
for torque bars, rectangular drive



mm	mm	L mm	LA mm	€		
9x12	3/8	53	28,8	60,00	1	006150010
9x12	1/2	53	28,8	60,00	1	006150020
14x18	1/2	70	39,8	60,00	1	006150120

## 616 - 617 - 619

fixed heads for torque bars



mm	mm	L mm	LA mm	€		
616	1/4	61	32	56,00	1	006160000
617	3/8	61	32	56,00	1	006170000
619	1/2	63	32	56,00	1	006190000

## 621

bit holder accessories  
for torque bars, rectangular drive



P	mm	mm	L mm	LA mm	€		
P 1/4	9x12	1/4	43	28,8	71,50	1	006210000
* P 5/16	14x18	5/16	52,5	32,5	109,50	1	006210110

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 622

reversible ratchets  
for torque bars,  
round drive, Ø 22 mm



mm	mm	L mm	LA mm	€		
622 3/4	3/4	110	56	199,50	1	006220019
622 1	1	110	56	242,50	1	006220024

## 641

open jaw wrenches  
for torque bars 604B/5 and 604B/10  
8 mm drive



mm	L mm	€		
4	37	85,00	1	006410003
5	37	85,00	1	006410004
5,5	37	85,00	1	006410005
6	37	85,00	1	006410006
7	37	85,00	1	006410007
8	42	85,00	1	006410008
9	42	85,00	1	006410009
10	42	85,00	1	006410010

## 642

open jaw wrenches for torque bars

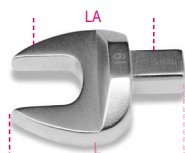


mm	L mm	LA mm	A mm	€		
8	54	32	22	60,50	1	006420008
10	57	32	26	60,50	1	006420010
12	58	32	30	60,50	1	006420012
13	58	32	30	60,50	1	006420013
14	59	32	32	60,50	1	006420014
15	59	32	35	60,50	1	006420015
16	59	32	38	60,50	1	006420016
17	60	32	39	60,50	1	006420017
18	61	32	42	60,50	1	006420018
19	61	32	43	60,50	1	006420019
20	61	32	50	94,00	1	006420020
21	62	32	53	94,00	1	006420021
22	62	32	53	103,00	1	006420022
23	65	32	53	103,00	1	006420023
24	63	32	53	103,00	1	006420024
26	64	32	59	126,00	1	006420026
27	65	32	59	126,00	1	006420027
28	66	32	64	126,00	1	006420028
30	66	32	66	126,00	1	006420030
32	67	32	66	126,00	1	006420032
* 36	76	42	80	172,50	1	006420036
* 40	77	52	95	172,50	1	006420040
* 41	78	52	95	172,50	1	006420041
* 46	90	52	95	208,00	1	006420046

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 643

open jaw wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm	€		
7	9X12	37	28,8	53,00	1	006430007
8	9x12	37	28,8	53,00	1	006430008
10	9x12	39	28,8	53,00	1	006430010
12	9x12	39	28,8	53,00	1	006430012
13	9x12	39	28,8	53,00	1	006430013
14	9x12	43	28,8	53,50	1	006430014
15	9x12	43	28,8	53,50	1	006430015

\*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm	€		
16	9x12	43	28,8	53,50	1	006430016
17	9x12	43	28,8	53,50	1	006430017
* 18	9x12	47	36,3	53,50	1	006430018
* 19	9x12	51	36,3	53,50	1	006430019
* 21	9X12	52	36,3	83,00	1	006430021
* 22	9x12	52	36,3	83,00	1	006430022

\*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm	€		
13	14x18	60	39,8	55,50	1	006430113
14	14x18	58	39,8	55,50	1	006430114
15	14x18	60	39,8	55,50	1	006430115
16	14x18	60	39,8	56,00	1	006430116
17	14x18	60	39,8	56,00	1	006430117
18	14x18	61	39,8	56,00	1	006430118
19	14x18	61	39,8	56,00	1	006430119
21	14x18	61	39,8	87,50	1	006430121
22	14x18	62	39,8	87,50	1	006430122
24	14x18	64	39,8	87,50	1	006430124
* 27	14x18	68	44,8	99,00	1	006430127
* 30	14x18	77	49,8	99,50	1	006430130
* 32	14x18	77	49,8	99,50	1	006430132
* 34	14x18	80	54,8	158,00	1	006430134
* 36	14x18	83	54,8	158,00	1	006430136
* 38	14X18	83	54,8	158,00	1	006430138
* 41	14x18	91	64,8	158,00	1	006430141

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 644

open jaw wrenches  
for torque bars,  
round drive, Ø 22 mm



mm	L mm	LA mm	A mm	€		
22	91	56	52	103,00	1	006440022
24	91	56	52	103,00	1	006440024
27	94	56	64	126,00	1	006440027
30	94	56	64	126,00	1	006440030
32	97	56	75,5	126,00	1	006440032
34	97	56	75,5	126,00	1	006440034
36	97	56	75,5	172,50	1	006440036
41	103,5	56	94	172,50	1	006440041
46	115,5	56	94	208,00	1	006440046

## 650A

adjustable wrenches  
for torque bars,  
rectangular drive



A min-max mm	mm	L mm	LA mm	€		
* 5-27	9X12	93	74,3	97,00	1	006500027
* 5-30	9X12	106	85,3	97,00	1	006500030
* 5-30	14X18	115	89	99,00	1	006500130
* 10-41	14X18	127	100	102,00	1	006500141

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 650H

hook wrenches  
for torque bars,  
rectangular drive



mm	mm	L mm	LA mm	€		
* 28-36	14x18	122	92	51,50	1	006500928
* 40-45	14x18	129	92	51,50	1	006500940
* 50-55	14x18	129	92	51,50	1	006500950
* 58-62	14x18	135	92	54,50	1	006500958
* 68-75	14x18	139	92	59,50	1	006500968
* 80-90	14x18	145	92	59,50	1	006500980

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 652

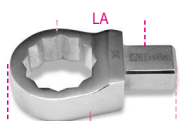
ring wrenches for torque bars



mm	L mm	LA mm	€		
8	58	32	65,50	1	006520008
10	58	32	65,50	1	006520010
12	58	32	65,50	1	006520012
13	58	32	65,50	1	006520013
14	58	32	65,50	1	006520014
15	62	32	65,50	1	006520015
16	63	32	65,50	1	006520016
17	64	32	65,50	1	006520017
18	65	32	65,50	1	006520018
19	65	32	65,50	1	006520019
21	67	32	98,50	1	006520021
22	68	32	104,00	1	006520022
24	69	32	124,50	1	006520024
26	71	32	140,00	1	006520026
27	71	32	140,00	1	006520027
30	73	32	140,00	1	006520030
32	74	32	140,00	1	006520032

## 653

ring wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm	€		
7	9x12	40	28,8	56,50	1	006530007
8	9x12	40	28,8	56,50	1	006530008
10	9x12	43	28,8	56,50	1	006530010
12	9x12	44	28,8	56,50	1	006530012
13	9x12	44	28,8	56,50	1	006530013
14	9x12	45	28,8	56,50	1	006530014
15	9x12	46	28,8	56,50	1	006530015
16	9x12	47	28,8	57,00	1	006530016
17	9x12	47	28,8	57,00	1	006530017
18	9x12	48	28,8	57,00	1	006530018
19	9x12	49	28,8	57,00	1	006530019
21	9x12	51	28,8	59,50	1	006530021
22	9x12	51	28,8	59,50	1	006530022

mm	mm	L mm	LA mm	€		
13	14x18	61	39,8	62,50	1	006530113
14	14x18	61	39,8	62,50	1	006530114
15	14x18	62	39,8	62,50	1	006530115
16	14x18	63	39,8	63,00	1	006530116

\*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm	€		
17	14x18	64	39,8	63,00	1	006530117
18	14x18	64	39,8	63,00	1	006530118
19	14x18	66	39,8	63,00	1	006530119
21	14x18	66	39,8	91,00	1	006530121
22	14x18	67	39,8	91,00	1	006530122
24	14x18	69	39,8	113,50	1	006530124
* 27	14x18	76	44,8	113,50	1	006530127
* 30	14x18	77	44,8	113,50	1	006530130
* 32	14x18	79	44,8	113,50	1	006530132
* 34	14x18	80	44,8	161,00	1	006530134
* 36	14x18	80	44,8	161,00	1	006530136
* 38	14x18	90	49,8	164,50	1	006530138
* 41	14x18	90	49,8	164,50	1	006530141

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 654

ring wrenches  
for torque bars,  
round drive, Ø 22 mm



mm	L mm	LA mm	A mm	€		
22	98,5	56	38	104,00	1	006540022
24	98,5	56	38	124,50	1	006540024
27	102,8	56	46,5	140,00	1	006540027
30	102,8	56	46,5	140,00	1	006540030
32	106,5	56	55	140,00	1	006540032
34	106,5	56	55	140,00	1	006540034
36	106,5	56	55	182,00	1	006540036
41	115,5	56	72	182,00	1	006540041
46	115,5	56	72	197,50	1	006540046

## 659/15

adaptor with rectangular female (14x18 mm)  
and male (9x12 mm) drives



mm	mm	mm	LA mm	€		
* 56	14x18	9x12	39	82,50	1	006590815

\*Caution! Recalculate torque value to set as shown in table at end of price list



Always apply torque loads evenly  
and progressively to avoid breakage  
and any possible injury.

## 659/16

adaptor with rectangular female (9x12 mm)  
and male (14x18 mm) drives



mm	mm	mm	LA mm	€		
* 52	9x12	14x18	31	70,00	1	006590816

\*Caution! Recalculate torque value to set as shown in table at end of price list

# Beta



## 665 MECHANICAL TORQUE WRENCH WITH DIGITAL READOUT

Torque wrench 665 matches the sturdiness and reliability of Beta's tried-and-test mechanism and established ratchet with quick readings and an accurate digital system.



### RELIABILITY

Beta's sturdy ratchet results in smooth movements and a take-up angle of no more than 5°.

### ACCURACY

±3% improved accuracy compared to standard requirements.

### SMOOTHNESS

The click mechanism translates into lighter movements and improved accuracy.

### DIGITAL READING

The torque value is easier to set and read.

**LONG OPERATING LIFE**

### CALIBRATION

Multi-point calibration, to correct nonlinear spring behaviour, obtained with Beta's torque meters 682, without taking the wrench apart.

### RAPIDITY

Quick, efficient torque adjustment.

**QUICK, ACCURATE DIGITAL TORQUE ADJUSTMENT**

## 665

mechanical torque wrench with digital setting and reversible ratchet, for right-hand tightening, torque accuracy ± 3%

- Auto power off after 10" when torque is set under minimum torque threshold
- Display will remain on with set torque value
- Torque setting to decimal digit
- Power supply: battery 1.3V (included)



UNI EN ISO 6789

Nm	■	D mm	A mm	L mm	g		
10÷60	3/8	30	33	335	655		
					€	1	006650006
					€	1	006650010
20÷100	3/8	30	33	375	725		
					€	1	006650011
20÷100	1/2	30	37	375	725		
					€	1	006650011
40÷200	1/2	40	43	470	995		
					€	1	006650020
60÷330	1/2	40	43	590	1260		
					€	1	006650030



## 665LB

mechanical torque wrench, digital readout, with reversible ratchet, for right-hand tightening, torque accuracy:  $\pm 3\%$

- Unit of measurement: lbf.ft
- Torque is easy to set and read through value shown on display
- Display remains on with set torque value
- Torque reading to 0.1 mm
- Automatic switch-off after 30 sec. with torque setting under minimum threshold
- Power supply: 1 3V battery (included)



UNI EN ISO 6789

lbf.ft	mm	D mm	A mm	L mm	g
7÷45	3/8	30	33	335	655

665LB/6 € 250,00 1 006650106

lbf.ft	mm	D mm	A mm	L mm	g
15÷75	3/8	30	33	375	725

665LB/10 € 252,00 1 006650110

lbf.ft	mm	D mm	A mm	L mm	g
15÷75	1/2	30	37	375	725

665LB/10X € 257,00 1 006650111

lbf.ft	mm	D mm	A mm	L mm	g
30÷150	1/2	40	43	470	995

665LB/20 € 274,00 1 006650120

lbf.ft	mm	D mm	A mm	L mm	g
45÷240	1/2	40	43	590	1260

665LB/30 € 311,00 1 006650130

## 665SW

calibration device

- Device allows calibration of wrenches item 665 with help of torque meters 680 and 682, without having to dismantle wrench.
- Calibration is performed on several points, to compensate for nonlinear behaviour of spring.
- Fitted with a micro USB port, for firmware updates.



665SW € 25,00 1 006650100

## 666N CLICK-TYPE TORQUE WRENCHES



17 meshing teeth allow excellent effort distribution



Scale increased for improved visibility and setting accuracy



Handle and lens materials resistant to all chemical substances used in automotive sector, industry and aviation



Extremely high torque adjustment speed  
Red colour of o-ring indicates that wrench is unlocked and torque can be adjusted

## 666N

click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	1/4	25	29	220	300

666N/2 € 338,00 1 006660002

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	3/8	25	29	220	300

666N/2X € 344,00 1 006660003

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
10÷50	1÷5	7÷37	3/8	30	33	325	660

666N/5 € 250,00 1 006660005

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	367	730

666N/10 € 252,00 1 006660010

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	1/2	30	37	367	800

666N/10X € 257,00 1 006660011

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

666N/20 € 274,00 1 006660020

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

666N/30 € 311,00 1 006660030



## 666N LBF.IN

click-type torque wrenches with reversible ratchets, for right-hand tightening torque accuracy:  $\pm 3\%$   
• Scale in pounds force per inch



UNI EN ISO 6789

lbf.in	□	D mm	A mm	L mm	g
90÷440	3/8	30	33	325	660
<b>€</b> 250,00 1 006660055					

lbf.in	□	D mm	A mm	L mm	g
200÷900	3/8	30	33	367	730
<b>€</b> 252,00 1 006660070					

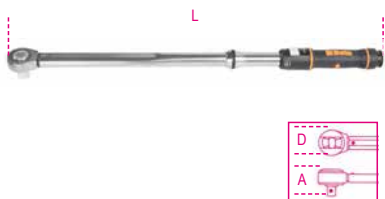
lbf.in	□	D mm	A mm	L mm	g
200÷900	1/2	30	37	367	800
<b>€</b> 257,00 1 006660071					

lbf.in	□	D mm	A mm	L mm	g
400÷1800	1/2	40	43	465	1010
<b>€</b> 274,00 1 006660072					

lbf.in	□	D mm	A mm	L mm	g
500÷3000	1/2	40	43	581	1380
<b>€</b> 311,00 1 006660073					

## 667N

click-type torque wrenches with push-through ratchets, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	□	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010
<b>€</b> 269,00 1 006670020							

Nm	Kgfm	lbf.ft	□	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380
<b>€</b> 300,00 1 006670030							

Nm	Kgfm	lbf.ft	□	D mm	A mm	L mm	g
80÷400	8÷40	60÷295	3/4	50	50	687	2090
<b>€</b> 721,00 1 006670040							

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8

## 668N

click-type torque bars, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	∅ mm	L mm	LB mm	LS mm	g
5÷25	0,5÷2,5	4÷18	16	220	148	32	300
<b>€</b> 252,00 1 006680002							

Nm	Kgfm	lbf.ft	∅ mm	L mm	LB mm	LS mm	g
10÷50	1÷5	7÷37	16	307	229	32	590
<b>€</b> 246,50 1 006680005							

Nm	Kgfm	lbf.ft	∅ mm	L mm	LB mm	LS mm	g
20÷100	2÷10	15÷75	16	376	269	32	670
<b>€</b> 252,00 1 006680010							

Nm	Kgfm	lbf.ft	∅ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	16	450	352,6	32	795
<b>€</b> 274,00 1 006680020							

Nm	Kgfm	lbf.ft	∅ mm	L mm	LB mm	LS mm	g
60÷300	6÷30	50÷220	16	588	475,9	32	1230
<b>€</b> 311,00 1 006680030							

## 668RG

click-type torque bar, ungraduated for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$   
(to be used with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	∅ mm	L mm	g
8÷60	0,8÷6	6÷44	16	288	550
<b>€</b> 203,00 1 006680206					

Nm	Kgfm	lbf.ft	∅ mm	L mm	g
20÷100	2÷10	15÷80	16	315	600
<b>€</b> 209,00 1 006680210					

Nm	Kgfm	lbf.ft	∅ mm	L mm	g
40÷200	4÷20	30÷150	16	405	780
<b>€</b> 222,50 1 006680220					

Nm	Kgfm	lbf.ft	∅ mm	L mm	g
60÷300	6÷30	50÷220	16	645	1130
<b>€</b> 248,00 1 006680230					

## 668RGC

click-type torque wrench, ungraduated, for right-hand tightening, torque accuracy:  $\pm 4\%$   
(for use with items 680/40 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.in	□	D mm	A mm	L mm	g
12÷60	1,2÷6	5÷45	3/8	30	33	295	600
<b>€</b> 185,00 1 006680406							

Nm	Kgfm	lbf.in	□	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	335	700
<b>€</b> 193,50 1 006680410							

Nm	Kgfm	lbf.in	□	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	1/2	40	43	342	700
<b>€</b> 193,50 1 006680411							

Nm	Kgfm	lbf.in	□	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	425	1000
<b>€</b> 197,50 1 006680420							





## 669N

click-type torque bars,  
rectangular drive,  
for right-hand and left-hand tightening,  
torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
5÷25	0,5÷2,5	4÷18	9x12	215	140	28,8	300

669N/2 € 359,00 1 006690202

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
10÷50	1÷5	7÷37	9x12	307	226,8	28,8	590

669N/5 € 276,00 1 006690205

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
20÷100	2÷10	15÷75	9x12	376	266,8	28,8	670

669N/10 € 297,00 1 006690210

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	9x12	450	345,6	28,8	795

669N/20 € 356,00 1 006690220

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	14x18	450	351	39,8	795

669N/20X € 376,00 1 006690221

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
60÷300	6÷30	50÷220	14x18	588	468,5	39,8	1230

669N/30 € 397,00 1 006690230

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
80÷400	8÷40	60÷295	14x18	664	563	39,8	2100

669N/40 € 457,00 1 006690240

## 671B/C5

torque bar item 604B/5 and accessories

14" ø8



671B/C5 € 1.004,00 1 006710001

604B/5	1÷5 Nm
611	1/4
641	5-6-7-8 mm
900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,3 kg

## 671B/C10

torque bar item 604B/10 and accessories

14" ø8



671B/C10 € 1.004,00 1 006710002

604B/10	2÷10 Nm
611	1/4
641	6-7-8-10 mm
900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,4 kg

## 671N/C10

torque bar 668N/10  
and accessories

3/8" ø16



671N/C10 € 1.133,00 1 006710110

668N/10	100 Nm
612	3/8
617	3/8
642	10-13-14-17-19 mm
652	10-13-14-17-19 mm
910A	3/8 8-10-11-13-14-17-19 mm
910/21	125 mm
910/22	250 mm

400x180x45 mm - 4,3 kg

## 671N/C20

torque bar 668N/20  
and accessories

12" ø16



671N/C20 € 1.198,00 1 006710120

668N/20	200 Nm
614	1/2
619	1/2
642	10-13-14-17-19 mm
652	10-13-14-17-19 mm
920A	1/2 10-11-13-14-17-19-22 mm
920/20	75 mm
920/21	125 mm
920/22	255 mm

510x180x45 mm - 5,5 kg

## 671N/C30

torque bar 668N/30  
and accessories

12" ø16



671N/C30 € 1.129,00 1 006710130

668N/30	300 Nm
614	1/2
619	1/2
642	13-14-17-19 mm
652	13-14-17-19 mm
920A	1/2 13-14-17-19-22-24-27 mm
920/20	75 mm
920/21	125 mm
920/22	255 mm

620x180x45 mm - 5,8 kg

### 674/C

click-type torque bars,  
round drive Ø 22 mm,  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%,  
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
100÷500	10÷50	80÷400	22	786	725	56	3,4

<b>674/C50</b>	<b>832,00</b>	1	006740005
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Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
160÷800	16÷80	120÷600	22	997	915	56	4,5

<b>674/C80</b>	<b>882,00</b>	1	006740008
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Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	kg
200÷1000	20÷100	150÷750	22	997	915	56	4,5

<b>674/C100</b>	<b>894,00</b>	1	006740010
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### 677

break-back torque wrenches  
with push-through ratchets  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
120÷600	12÷60	100÷450	69	55	1059	6,0

<b>677/600</b>	<b>932,00</b>	1	006770006
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
200÷800	20÷80	150÷600	69	55	1319	6,7

<b>677/800</b>	<b>975,00</b>	1	006770008
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	69	55	1554	7,4

<b>677/1000</b>	<b>1.045,00</b>	1	006770010
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### 677/C

break-back torque wrenches  
with push-through ratchets,  
for right-hand and left-hand tightening,  
torque accuracy: ±4%  
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
120÷600	12÷60	100÷450	69	55	1059	6,0

<b>677/C600</b>	<b>1.101,00</b>	1	006770607
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
200÷800	20÷80	150÷600	69	55	1319	6,7

<b>677/C800</b>	<b>1.144,00</b>	1	006770612
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	69	55	1554	7,4

<b>677/C1000</b>	<b>1.215,00</b>	1	006770616
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
700÷1500	70÷150	500÷1000	69	55	1869	9,6

<b>677/C1500</b>	<b>1.555,00</b>	1	006770621
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### 677/CP2000

break-back torque wrenches  
with push-through ratchets,  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%  
in case



UNI EN ISO 6789

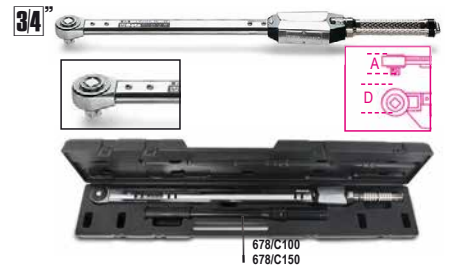
Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
900÷2000	90÷200	700÷1500	69	63	1940	12,75

<b>677/CP2000</b>	<b>2.850,00</b>	1	006770721
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### 678/C

click-type torque wrenches  
with push-through ratchets  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%  
in case

• Models 678/C100 and 678/C150 supplied complete with extensions.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
130÷650	13÷65	100÷480	63	55	885	3,9

<b>678/C65</b>	<b>1.720,00</b>	1	006780607
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	220÷750	75	60	1250	6,0

<b>678/C100</b>	<b>2.280,00</b>	1	006780611
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Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
500÷1500	50÷150	370÷1100	75	60	1570	8,5

<b>678/C150</b>	<b>2.485,00</b>	1	006780615
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### 677/CV - 678/CV

empty cases for torque wrenches  
items 677 and 678



<b>677/CVN1</b>	<b>169,50</b>	1	006770455
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<b>677/CVN2</b>	<b>222,50</b>	1	006770460
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<b>678/CV1</b>	<b>160,00</b>	1	006780455
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<b>678/CV2</b>	<b>180,00</b>	1	006780500
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<b>678/CV3</b>	<b>297,00</b>	1	006780415
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## 680

electronic digital torque meter  
Dynatester 680  
for testing calibration,  
clockwise/anticlockwise operation

- Accuracy:  $\pm 1\%$  of read value
- Colour LCD display, 4 digits
- 3 units of measurement: Nm - lbf.ft. - lbf.in

CE



	Nm	kg	€		
680/3	0,1÷3	1,4	2.920,00	1	006800000
680/30	1,5÷30	1,4	2.880,00	1	006800003
680/350	10÷350	2,6	2.890,00	1	006800035
680/2100	200÷2100	3,5	4.300,00	1	006800210

## 682

electronic digital torque meter  
with transducer Dynatester 682  
to be used either clockwise  
or anticlockwise  
Remarkable reading accuracy  
**Supplied with serial output RS 232  
for printers**

CE



### TECHNICAL FEATURES

**Reading accuracy**  
 $\pm 1\%$  of the read value

**Available measuring units**  
Nm-dNm-cNm-Lbf.ft-Lbf.in-Ozf.in-Kgf.m-Kgf.cm-gf.cm

**Supply range**  
90 to 264 V AC at 50/60 Hz

**Dimensions** 235x185x185 mm

**Tolerance test according to norm ISO 6789**  
Acceptability range  
for each torque wrench tested

**Display**  
Menu available in 11 languages

**Provided with all certificates required**  
Calibration certificate with UKAS traceability

	Nm	kg	€		
682/60	1,2÷60	5,9	5.970,00	1	006820006
682/400	8÷400	6,1	6.060,00	1	006820040
682/1500	30÷1500	6,4	6.250,00	1	006820150

## IMPACT SOCKETS



Impact sockets are oversized compared to hand sockets, so that they can absorb high torque as developed by impact wrenches and torque multipliers.

The new **bi-hex profile** allows for quick nut fit. They must be used with pins and grommets to prevent disengagement from the drive.

As well as the classic models in standard, long and long, slim series, the **new XZN® profile** is also available; furthermore, the range of accessories for impact sockets has been expanded.



## 710

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm	€		
7	12,5	28	19	8,75	3	007100007
8	13,8	28	19	8,75	3	007100008
9	15,0	28	19	8,75	3	007100009
10	16,3	28	19	8,75	3	007100010
11	17,5	30	19	8,75	3	007100011
12	19,0	30	19	8,75	3	007100012
13	20,0	30	22	9,20	3	007100013
14	21,3	30	22	9,20	3	007100014
16	23,8	30	22	9,35	3	007100016
17	25,0	30	22	9,35	3	007100017
18	26,3	30	22	9,60	3	007100018
19	27,5	30	22	9,60	3	007100019
21	30,0	32	22	10,60	3	007100021
22	32,0	32	22	11,80	3	007100022

## 710/C10

10 impact sockets



	€		
710/C10 7-8-10-11-12-13 14-17-19-22 mm	124,00	1	007100910

130x55x40 mm - 800 g

## 710/16

impact adaptor, 3/8" female  
and 1/2" male drives



L mm	Ø mm	□	■	€		
32	22	3/8	1/2	23,70	3	007100810

## 710/20

3/8" drive impact extension bar



L mm	Ø mm	€		
75	22	24,20	2	007100821



## 710/21

3/8" drive impact extension bar



L mm	Ø mm	€	Hand	Computer
125	22	26,50	2	007100823

## 710/22

impact extension bar, 3/8" male and female square drives



L mm	Ø mm	€	Hand	Computer
150	22	31,00	2	007100825

## 710/25

3/8" drive impact universal joint



L mm	Ø mm	€	Hand	Computer
58	24	49,00	2	007100830

## 710/OR... - 710/SP...

rubber O-rings and locking pins for impact sockets



	710 mm	710/16 L mm	€	Hand	Computer
710/OR1	7+12		0,73	10	007100921
710/OR2	13+22	32	0,73	10	007100922
710/SP1	7+12		1,34	10	007100911
710/SP2	13+22	32	1,34	10	007100912

## 720

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø mm	Ø mm	L mm	Ø1 mm	€	Hand	Computer
8	15,0	38	25	10,50	5	007200008
9	16,0	38	25	10,50	5	007200009
10	17,0	38	25	10,70	5	007200010
11	18,5	38	25	10,70	5	007200011
12	20,0	38	25	10,70	5	007200012
13	21,0	38	25	10,70	5	007200013
14	22,5	38	25	10,70	5	007200014
15	23,0	38	30	12,00	5	007200015
16	25,0	38	30	12,00	5	007200016
17	26,0	38	30	12,00	5	007200017
18	27,5	38	30	12,00	5	007200018
19	28,5	38	30	12,00	5	007200019
20	30	38	30	13,20	5	007200020
21	31,0	38	30	13,20	5	007200021
22	32,5	38	30	13,40	5	007200022
23	34,0	38	30	14,60	5	007200023
24	35,0	38	30	14,60	5	007200024
27	38,5	45	30	17,00	3	007200027
29	41	47	30	18,60	3	007200029
30	42,0	50	30	18,60	3	007200030
32	44,0	50	30	21,30	3	007200032
36	50,0	50	30	30,50	3	007200036

## 720/C6

6 impact sockets



720/C6	€	Hand	Computer
13-14-17-19-22-24 mm	98,50	1	007200910

195x80x55 mm - 1100 g

## 720/C12

12 impact sockets



720/C12	€	Hand	Computer
10-11-12-13-14-17-19-22-24-27-30-32 mm	187,50	1	007200912

195x80x55 mm - 2000 g

## 720/C24

24 impact sockets



720/C24	€	Hand	Computer
	422,00	1	007200904

720	10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
720L	13 - 17 - 19 - 21 - 22 - 24 mm
720LC	17 - 19 - 21 mm

420x185x60 mm - 6,2 kg

## 720MC

impact sockets, standard series, coloured



Ø mm	Ø mm	L mm	€	Hand	Computer
10	17,0	38	11,10	3	007202010
11	18,5	38	11,10	3	007202011
12	20,0	38	11,10	3	007202012
13	21,0	38	11,10	3	007202013
14	22,5	38	11,10	3	007202014
15	23,0	38	12,50	3	007202015
16	25,0	38	12,50	3	007202016
17	26,0	38	12,50	3	007202017
18	27,5	38	12,50	3	007202018
19	28,5	38	12,50	3	007202019
21	31,0	38	13,90	2	007202021
22	32,5	38	13,90	2	007202022
24	35,0	38	15,20	2	007202024

## 720MC/C13

13 impact sockets, coloured



720MC/C13	€	Hand	Computer
10-11-12-13-14-15-16-17-18-19-21-22 mm	201,00	1	007202913

335x145x60 mm - 2,4 kg

## 720B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm	€	1	100
10	17	38	25	10,70	5	007201010
11	18	38	25	10,70	5	007201011
12	19	38	25	10,70	5	007201012
13	20	38	25	10,70	5	007201013
14	22	38	25	10,70	5	007201014
15	23	38	30	12,00	5	007201015
16	24	38	30	12,00	5	007201016
17	26	38	30	12,00	5	007201017
18	27	38	30	12,00	5	007201018
19	28	38	30	12,00	5	007201019
21	30	38	30	13,20	5	007201021
22	31,8	38	30	13,40	5	007201022
23	31,8	38	30	14,60	5	007201023
24	33,8	40	30	14,60	5	007201024
27	37,8	43	30	17,00	3	007201027
30	41,8	43	30	18,60	3	007201030
32	43,8	43	30	21,30	3	007201032
36	49,8	50	30	30,50	3	007201036

## 720AS

impact sockets, standard series



mm	Ø mm	L mm	Ø1 mm	€	1	100
3/8	17,0	38	25	17,30	2	007200210
7/16	18,2	38	25	17,30	2	007200211
1/2	20,7	38	25	17,30	2	007200213
9/16	22,0	38	25	17,30	2	007200214
5/8	24,5	38	30	18,60	2	007200216
11/16	25,7	38	30	18,60	2	007200217
3/4	28,2	38	30	18,60	2	007200219
13/16	30,7	38	30	19,70	2	007200221
7/8	32,0	38	30	19,70	2	007200222
15/16	34,5	38	30	21,00	2	007200224
1	35,7	38	30	22,60	2	007200225
1.1/16	38,2	40	30	25,00	1	007200227
1.1/8	40,7	42	30	28,00	1	007200229
1.1/4	44,5	42	30	31,00	1	007200232

## 720S

impact sockets, compact series



mm	Ø mm	L mm	Ø1 mm	€	1	100
13	20,0	28,0	23,8	6,70	3	007200113
15	23,0	28,0	23,8	6,70	3	007200115
17	25,8	28,0	25,8	7,30	3	007200117
19	27,8	28,0	27,8	7,95	3	007200119
22	31,8	28,0	30,0	8,65	3	007200122
24	33,8	28,0	30,0	9,45	3	007200124



mm	Ø mm	L mm	Ø1 mm	€	1	100
13-15-17-19-22-24				57,00	1	007200906

## 720L

impact sockets, long series



UNI/ISO 2725

mm	Ø mm	L mm	Ø1 mm	€	1	100
10	17,0	80	25	18,30	2	007200310
11	18,5	80	25	18,30	2	007200311
12	20,0	80	25	18,30	2	007200312
13	21,0	80	25	18,30	2	007200313
14	22,5	80	25	18,30	2	007200314
15	23,0	80	30	20,80	2	007200315
16	25,0	80	30	20,80	2	007200316
17	26,0	80	30	20,80	2	007200317
18	27,5	80	30	22,00	2	007200318
19	28,5	80	30	22,00	2	007200319
21	31,0	80	30	23,30	2	007200321
22	32,5	80	30	23,30	2	007200322
24	35,0	80	30	24,40	2	007200324
27	38,5	80	30	30,50	2	007200327
30	42,0	80	30	37,00	2	007200330
32	44,0	80	30	37,00	2	007200332
36	50,0	80	30	47,50	2	007200336

## 720L/S3

set of 3 impact sockets item 720L



mm	Ø mm	L mm	Ø1 mm	€	1	100
17-19-21				66,00	1	007200355

## 720LS

impact sockets, long, slim series



mm	Ø mm	L mm	Ø1 mm	€	1	100
10	15,5	78	24	19,70	2	007200360
11	16,7	78	24	19,70	2	007200361
12	18,0	78	24	19,70	2	007200362
13	19,2	78	24	19,70	2	007200363
14	20,5	78	24	19,70	2	007200364
15	21,7	78	24	20,30	2	007200365
16	23,0	78	24	20,30	2	007200366
17	24,2	78	29	22,60	2	007200367
18	25,5	78	29	24,40	2	007200368
19	26,7	78	29	24,40	2	007200369
21	29,2	78	29	25,50	2	007200371
22	30,5	78	29	25,50	2	007200372
24	33,0	78	29	26,00	2	007200374
27	36,7	78	29	32,00	2	007200377
30	40,5	78	29	40,50	2	007200380
32	43,0	78	29	42,00	2	007200382
36	48,0	78	29	63,00	2	007200386

## 720LC

wheel nut impact sockets, with coloured polymeric inserts



mm	Ø mm	€	1	100
17	26,5	13,20	2	007200637
19	28,5	13,20	2	007200639
21	30,3	13,70	2	007200641
22	32,4	14,30	2	007200642
24	34,6	15,50	2	007200644



mm	Ø mm	L mm	Ø1 mm	€	1	100
17-19-21				40,00	1	007200653

148x132x44 mm - 860 g



mm	Ø mm	L mm	Ø1 mm	€	1	100
17-19-21-22-24				70,00	1	007200645



mm	Ø mm	L mm	Ø1 mm	€	1	100
17-19-21-22-24				115,00	1	007200646

## PM 1/2-Q5

magnetic socket rail



mm	€	1	100
PM 1/2-Q5	45,00	1	088880233

## 720IC

spare coloured polymeric inserts for impact sockets 720LC-720LCL



mm	€	1	007200687
720IC 17	5,30	1	007200687
720IC 19	5,30	1	007200689
720IC 21	5,30	1	007200691
720IC 22	5,30	1	007200692
720IC 24	5,30	1	007200694

**Beta**  
Quality Tools

## 720LCL

wheel nut impact sockets with coloured polymeric inserts, long series



mm	Ø mm	€	1	007200737
17	26,5	21,80	1	007200737
19	28,5	21,80	1	007200739
21	30,3	21,80	1	007200741



**720LCL/C3** 83,50 1 007200753

210x50x150 mm - 1,65 kg

## 720MRC

impact socket with polymeric insert for Mercedes wheel screw



mm	Ø mm	L mm	€	1	007200631
17	27	85	21,10	1	007200631

## 720FRD

impact socket for Ford wheel nuts with aluminium damaged caps

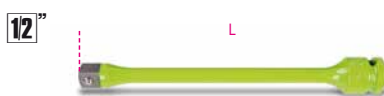
required when nut caps are damaged by impact wrenches



mm	L mm	€	1	007200633
18,5±19,5	63	20,00	1	007200633

## 720TC

impact torsion bars, coloured, for motor vehicle wheel nuts, with 1/2" male and female square drives



Nm	L mm	€	1	007200769
90	200	22,80	1	007200769
100	200	22,80	1	007200770
110	200	22,80	1	007200771
120	200	22,80	1	007200772
135	200	22,80	1	007200773



**720TC/S5** 114,00 1 007200779

260x50x175 mm - 1,35 kg

## 720FTX

impact sockets, for Torx® head screws



Ø mm	L mm	Ø1 mm	€	2	007200410
E10	14,0	38	25	17,10	2 007200410
E12	15,9	38	25	17,10	2 007200412
E14	17,7	38	25	17,10	2 007200414
E16	20,0	38	25	17,10	2 007200416
E18	22,0	38	25	17,10	2 007200418
E20	25,0	40	25	18,20	2 007200420
E24	30,0	40	30	18,20	2 007200424



**720FTX/SB6** 114,00 1 007200450

E10-E12-E14  
E16-E18-E20

## 720TX

impact socket drivers for Torx® head screws



Ø mm	L mm	L1 mm	€	3	007200460
T30	25	78	54	15,00	3 007200460
T40	25	78	54	15,00	3 007200470
T45	25	78	54	15,30	3 007200472
T50	25	78	54	15,30	3 007200474
T55	25	78	54	17,30	3 007200476
T60	25	78	54	18,60	3 007200478

## 720TX/C6

6 impact socket drivers for Torx® head screws



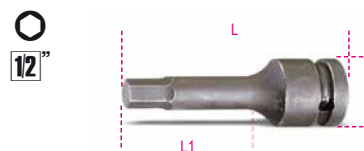
**720TX/C6** 126,50 1 007200483

T30-T40-T45  
T50-T55-T60

275x120x65 mm - 5700 g

## 720ME

impact socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	€	3	007200505
5	25	78	54	14,40	3	007200505
6	25	78	54	14,40	3	007200506
8	25	78	54	14,40	3	007200508
10	25	78	54	14,40	3	007200510
12	25	78	54	14,40	3	007200512
14	25	78	54	16,10	3	007200514
17	25	78	54	16,10	3	007200517
19	25	78	54	16,10	3	007200519

## 720ME/C8

8 impact socket drivers for hexagon screws



**720ME/C8** 155,00 1 007200525

5-6-8-10-12  
14-17-19 mm

270x120x45 mm - 1710 g

**9899 720ME/C8** 13,20 1 098990130

Thermoformed tray, empty



## 720XZN

impact socket drivers for  
for XZN® head screws



Ø	Ø mm	L mm	L1 mm	€	3	007201504
M4	25	77	53	16,30	3	007201504
M5	25	77	53	16,30	3	007201505
M6	25	77	53	16,30	3	007201506
M8	25	77	53	16,30	3	007201508
M10	25	77	53	16,70	3	007201510
M12	25	77	53	17,10	3	007201512
M14	25	77	53	17,10	3	007201514
M16	25	77	53	17,50	3	007201516
M18	25	77	53	18,40	3	007201518

## 720/15

impact adaptor, 1/2" female  
and 3/8" male drives



L mm	Ø mm	1/2"	3/8"	€	3	007200810
37,5	25	1/2	3/8	12,00	3	007200810



Always apply torque loads evenly  
and progressively to avoid breakage  
and any possible injury.

## 720/16

impact adaptor, 1/2" female  
and 3/4" male drives



L mm	Ø mm	1/2"	3/4"	€	3	007200814
44	30	1/2	3/4	20,70	3	007200814

## 720/20

1/2" drive impact extension bar



L mm	Ø mm	€	3	007200818
75	25	21,30	3	007200818

## 720/21

1/2" drive impact extension bar



L mm	Ø mm	€	3	007200822
125	25	23,10	3	007200822

## 720/22

impact extension bar, 1/2" male and female  
drives



L mm	Ø mm	€	3	007200824
250	25	27,00	3	007200824

## 720/25

1/2" drive impact universal joint



L mm	Ø mm	€	2	007200831
64	28	39,50	2	007200831

## 720/OR... - 720/SP...

rubber O-rings and locking pins  
for impact sockets



	720	720TX	€	10	007200923
720/OR1	10÷14	T30÷T60	1,37	10	007200923
720/OR2	15÷36		1,37	10	007200924
720/SP1	10÷14	T30÷T60	2,02	10	007200913
720/SP2	15÷36		2,02	10	007200914

## 727PI/16 1/2

impact bit holder  
for items 727/ES16, 727/ES16TX and 727/  
ES16XZN



Ø mm	L mm	Ø mm	1/2"	€	2	007270015
28	42	16	1/2	35,50	2	007270015

## 727PI/16

impact bit holder for item 727/ES16 and 727/  
ES16TX



Ø mm	L mm	Ø mm	3/4"	€	2	007270016
44	52	16	3/4	46,50	2	007270016

## 727/ES16

impact hexagon bits, 16 mm drive



mm	Ø mm	L mm	€	2	007270110
10	16	40	15,70	2	007270110
12	16	40	15,70	2	007270112
13	16	40	15,70	2	007270113
14	16	40	15,70	2	007270114
16	16	40	16,90	2	007270116
17	16	40	16,90	2	007270117
18	16	40	17,60	2	007270118
19	16	40	17,60	2	007270119
22	16	40	20,30	2	007270122

## 727/ES16TX

impact bits for Torx® head screws,  
16 mm drive

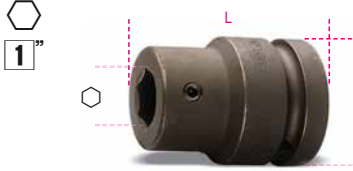


Ø mm	Ø mm	L mm	€	2	007270355
T55	16	50	23,70	2	007270355
T60	16	50	23,70	2	007270360
T70	16	50	23,70	2	007270370



## 727PI/22

impact bit holder for item 727/ES22 and 727/ES22TX



Ø mm	L mm	Ø mm	€	🔧	📦
54	70	22	72,00	2	007270022

## 727/ES22

impact hexagon bits, 22 mm drive



mm	Ø mm	L mm	€	🔧	📦
19	22	50	20,30	2	007270219
22	22	50	20,30	2	007270222
24	22	50	22,40	2	007270224
27	22	50	25,00	2	007270227
30	22	50	30,00	2	007270230
32	22	50	32,50	2	007270232

## 727/ES22TX

impact bits for Torx® head screws, 22 mm drive



Ø	mm	L mm	€	🔧	📦
T80	22	60	33,00	2	007270480
T90	22	60	33,00	2	007270490
T100	22	60	33,00	2	007270500

## 727/C16

12 impact bits and 4 accessories



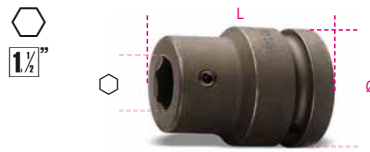
727/C16	€	🔧	📦
	452,00	1	007270900

- 727PI/16
- 727/ES16 14-17-19 mm
- 727/ES16TX T55-T60-T70
- 727PI/22
- 727/ES22 22-24-27 mm
- 727/ES22TX T80-T90-T100
- 96BPC 3-4 mm

335x145x60 mm - 3,6 kg

## 727PI/32

impact bit holder for item 727/ES32



Ø mm	L mm	Ø mm	€	🔧	📦
86	66	32	179,00	1	007270032

## 727/ES32

impact hexagon bit, 32 mm drive



mm	Ø mm	L mm	€	🔧	📦
19	32	44	46,00	2	007270519
22	32	44	46,00	2	007270522
24	32	44	46,00	2	007270524
27	32	44	46,00	2	007270527
30	32	44	46,00	2	007270530
32	32	44	46,00	2	007270532
36	32	44	51,50	2	007270536

## 728

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📦
17	30,0	51	44	26,50	2	007280017
18	31,0	51	44	26,50	2	007280018
19	32,5	51	44	26,50	2	007280019
21	35,0	51	44	26,50	2	007280021
22	36,0	51	44	26,50	2	007280022
23	37,5	51	44	27,00	2	007280023
24	38,5	51	44	27,00	2	007280024
27	42,5	53	44	27,00	2	007280027
28	44,0	53	44	27,50	2	007280028
30	46,0	53	44	28,50	2	007280030
32	48,5	57	44	30,00	2	007280032
33	50,0	57	44	32,00	2	007280033
34	51,0	57	44	32,00	2	007280034
35	52,5	57	44	33,00	2	007280035
36	53,5	57	44	34,00	2	007280036
38	56,0	57	44	38,00	1	007280038
40	58,5	58	44	40,50	1	007280040
41	60,0	58	44	41,00	1	007280041
44	64,0	62	44	44,50	1	007280044
45	65,0	62	44	48,00	1	007280045
46	66,0	62	44	48,50	1	007280046
50	71,0	68	54	57,00	1	007280050
55	77,5	71	54	63,50	1	007280055
60	83,0	73	54	72,50	1	007280060
65	88,0	78	54	80,50	1	007280065

## 728/C10

10 impact sockets



728/C10	€	🔧	📦
17-19-22-24-27-30 32-36-41-46 mm	346,00	1	007280910

275x120x65 mm - 5,7 kg

## 728B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📦
17	28,5	50	38	26,50	2	007280117
19	30	52	38	26,50	2	007280119
21	32	52	38	26,50	2	007280121
22	34	52	38	26,50	2	007280122
23	35	52	38	27,00	2	007280123
24	36	52	38	27,00	2	007280124
27	40	52	40	27,00	2	007280127
29	42	52	42	28,00	2	007280129
30	44	52	44	28,50	2	007280130
32	48	52	44	30,00	2	007280132
33	50	56	44	32,00	2	007280133
34	51	56	44	32,00	2	007280134
35	52	56	44	33,00	2	007280135
36	53,5	56	44	34,00	2	007280136
38	56	56	44	38,00	1	007280138
41	60	58	44	41,00	1	007280141
46	67	63	44	48,50	1	007280146

## 728AS

impact sockets, standard series



Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📦
3/4	32,0	51	41	26,50	1	007280219
13/16	35,0	51	41	27,00	1	007280221
7/8	36,0	51	41	27,00	1	007280222
15/16	38,5	51	41	27,00	1	007280224
1	40,0	53	41	27,50	1	007280225
1.1/16	42,5	53	44	29,50	1	007280227
1.1/8	44,0	53	44	30,00	1	007280230
1.1/4	48,5	57	44	30,50	1	007280232
1.5/16	50,0	57	44	32,00	1	007280233
1.7/16	53,5	57	44	34,00	1	007280236
1.1/2	56,0	57	44	37,50	1	007280238
1.5/8	60,0	58	44	41,00	1	007280241

**Beta**  
Quality Tools

## 728FTX

impact sockets, for Torx® head screws



	Ø	L	Ø1	€		
	mm	mm	mm			
E20	28,5	50	44	35,50	2	007280420
E22	30,0	50	44	35,50	2	007280422
E24	32,5	50	44	35,50	2	007280424

## 728ME

impact socket drivers for hexagon screws



	Ø	L	L1	€		
	mm	mm	mm			
12	44	100	67	31,00	3	007280712
14	44	100	67	34,50	3	007280714
17	44	100	67	34,50	3	007280717
19	44	100	67	34,50	3	007280719
22	44	100	67	40,50	3	007280722
24	44	100	67	40,50	3	007280724

## 728L

impact sockets, long series



	Ø	L	Ø1	€		
	mm	mm	mm			
17	30	90	44	42,00	2	007280317
19	32,5	90	44	42,00	2	007280319
21	35,0	90	44	42,00	2	007280321
22	36,0	90	44	42,00	2	007280322
24	38,5	90	44	42,00	2	007280324
26	41,0	90	44	42,00	2	007280326
27	42,5	90	44	42,00	2	007280327
30	46,0	90	44	43,50	2	007280330
32	48,5	90	44	46,00	2	007280332
33	50,0	90	44	49,00	1	007280333
34	51,0	90	44	52,00	1	007280334
36	53,5	90	44	54,00	1	007280336
38	56,0	90	44	63,00	1	007280338
41	60,0	90	44	64,50	1	007280341
44	64,0	90	44	74,00	1	007280344
46	66,0	90	44	74,00	1	007280346
50	71,0	90	44	88,50	1	007280350
55	77,5	100	54	116,50	1	007280355



	€		
728L/S3	143,50	1	007280393
Ø 30-32-36 mm			

## 728LS

impact sockets, long slim series



	Ø	L	Ø1	€		
	mm	mm	mm			
17	28,0	100	43	47,50	2	007280517
19	30,5	100	43	47,50	2	007280519
22	34,3	100	43	48,50	2	007280522
24	36,8	100	43	48,50	2	007280524
27	40,5	100	43	48,50	2	007280527
30	44,3	100	43	48,50	2	007280530
32	46,8	100	43	52,00	2	007280532
33	48,0	100	43	53,50	2	007280533
36	51,8	100	43	62,50	1	007280536

## 728LQ

impact sockets, long series

(for ISUZU wheel nuts)



	L	Ø	Ø1	€		
	mm	mm	mm			
19	90	35	43,5	42,50	1	007280619
21	90	42	43,5	42,50	1	007280621

## 728/15

impact adaptor, 3/4" female and 1/2" male drives



	L	Ø		€		
	mm	mm	3/4" 1/2"			
58	38			33,00	2	007280810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 728/16

impact adaptor, 3/4" female and 1" male drives



	L	Ø		€		
	mm	mm	3/4" 1"			
62	44			40,00	2	007280813

## 728/21

3/4" drive impact extension bar



	L	Ø	€		
	mm	mm			
175	44		49,00	2	007280815

## 728/22

3/4" drive impact extension bar



	L	Ø	€		
	mm	mm			
250	44		56,50	2	007280825

## 728/22L

3/4" drive impact extension bar



	L	Ø	€		
	mm	mm			
330	44		72,50	1	007280826

## 728/25

3/4" drive impact universal joint



	L	Ø	€		
	mm	mm			
107,5	44		95,50	1	007280830

## 728/OR - 728/SP

rubber O-rings and locking pins for impact sockets



	728	728FTX	€		
	728/15	E20+E24			
728/OR			2,01	5	007280925
728/OR	17+46	E20+E24	2,14	10	007280926
728/SP	17+46	E20+E24	2,81	10	007280916

## 729

impact sockets, standard series



UNI/ISO 2725 DIN 3129

	Ø	L	Ø1	€		
	mm	mm	mm			
24	41,5	58	54	42,50	1	007290024
27	45,0	60	54	42,50	1	007290027
30	49,0	62	54	42,50	1	007290030
32	51,5	63	54	43,50	1	007290032
33	52,5	63	54	43,50	1	007290033
34	54,0	63	54	43,50	1	007290034
36	56,5	66	54	43,50	1	007290036
38	59,0	66	54	52,50	1	007290038
41	62,5	68	54	53,50	1	007290041
46	69,0	72	54	60,00	1	007290046
50	74,0	76	54	74,00	1	007290050
55	80,0	84	54	79,00	1	007290055
60	86,5	88	54	95,50	1	007290060
65	92,5	92	54	109,50	1	007290065
70	99,0	96	54	140,50	1	007290070
75	105,0	102	63	164,00	1	007290075
80	111,5	102	63	176,50	1	007290080



## 729L

impact sockets, long series



Ø mm	Ø mm	L mm	Ø1 mm	€	1	1007290324
24	41,5	108	54	75,50	1	1007290324
27	45,0	108	54	75,50	1	1007290327
30	49,0	108	54	75,50	1	1007290330
32	51,5	108	54	75,50	1	1007290332
33	52,2	108	54	76,50	1	1007290333
34	54,0	108	54	76,50	1	1007290334
36	56,5	108	54	76,50	1	1007290336
41	62,5	108	54	91,00	1	1007290341
46	69,0	108	54	105,50	1	1007290346
50	74,0	108	54	118,00	1	1007290350
55	80,0	108	54	141,50	1	1007290355
60	86,5	108	54	153,00	1	1007290360
65	92,5	108	54	184,50	1	1007290365
70	99,0	108	54	210,00	1	1007290370
75	105,0	108	63	237,00	1	1007290375
80	111,5	108	63	249,00	1	1007290380

## 729LS

impact sockets, long slim series



Ø mm	Ø mm	L mm	Ø1 mm	€	1	1007290522
22	36,0	108	53	75,50	1	1007290522
24	38,5	108	53	75,50	1	1007290524
27	46,0	108	53	75,50	1	1007290527
30	50,0	108	53	80,00	1	1007290530
32	50,0	108	53	80,00	1	1007290532
33	52,0	108	53	80,00	1	1007290533
36	56,0	108	53	80,00	1	1007290536

## 729T

impact torsion bars for wheel nuts



Ø mm	Nm	L mm	€	1	1007290724
24	350	300	145,00	1	1007290724
27	450	300	145,00	1	1007290757
30	500	300	146,50	1	1007290730
32	450	300	149,00	1	1007290732
32	600	300	149,00	1	1007290762
33	600	300	156,00	1	1007290763
36	600	300	165,50	1	1007290736

## 729/15

impact adaptor, 1" female and 3/4" male drives



L mm	Ø mm	1	3/4	€	1	1007290810
66,5	54	1	3/4	50,50	1	1007290810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 729/16

impact adaptor, 1" female and 1.1/2" male drives



L mm	Ø mm	1	1.1/2	€	1	1007290813
88	54,0	1	1.1/2	83,00	1	1007290813

## 729/21

1" drive impact extension bar



L mm	Ø mm	€	1	1007290815
175	54	77,50	1	1007290815

## 729/21L

impact extension bar, 1" male and female square drives



L mm	Ø mm	€	1	1007290826
250	54	94,50	1	1007290826

## 729/22

1" drive impact extension bar



L mm	Ø mm	€	1	1007290825
330	54	111,00	1	1007290825

## 729/25

1" drive impact universal joint



L mm	Ø mm	€	1	1007290830
130	54	160,50	1	1007290830

## 729/OR... - 729/SP...

rubber O-rings and locking pins for impact sockets



729/OR1	728 mm	729-730 mm	€	5	1007290927
729/OR1	50+60	24+70	2,19	5	1007290927
729/OR2		75+125	3,40	5	1007290928
729/SP1	50+60	24+70	2,06	5	1007290917
729/SP2		75+125	3,40	5	1007290918

## 730

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø mm	Ø mm	L mm	Ø1 mm	€	1	1007300050
50	81	87	84	221,00	1	1007300050
55	88	90	86	226,50	1	1007300055
60	94	95	86	250,00	1	1007300060
65	100	100	86	274,00	1	1007300065
70	106	105	86	324,00	1	1007300070
75	113	110	86	376,00	1	1007300075
80	119	115	86	430,00	1	1007300080
85	125	120	86	476,00	1	1007300085
90	132	125	86	542,00	1	1007300090
95	138	125	96	631,00	1	1007300095
100	144	130	96	733,00	1	1007300100
105	150	135	96	817,00	1	1007300105
110	157	140	96	888,00	1	1007300110
115	163	140	96	955,00	1	1007300115
120	169	145	96	1.068,00	1	1007300120
125	175	145	96	1.115,00	1	1007300125

## 730L

hexagon impact sockets, long series



Ø mm	Ø mm	L mm	Ø1 mm	€	1	1007300350
50	81	135	86	353,00	1	1007300350
55	87	140	86	362,00	1	1007300355
60	93	150	86	401,00	1	1007300360
65	97	150	86	439,00	1	1007300365
70	105	160	86	519,00	1	1007300370
75	110	170	86	602,00	1	1007300375
80	116	170	86	689,00	1	1007300380
85	125	170	86	762,00	1	1007300385
90	130	170	86	867,00	1	1007300390
95	137	180	95	1.010,00	1	1007300395
100	144	190	95	1.173,00	1	1007300400
105	150	190	95	1.305,00	1	1007300405
110	156	200	95	1.420,00	1	1007300410
115	160	200	95	1.530,00	1	1007300415
120	168	210	95	1.710,00	1	1007300420

### 730/15 adaptor



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

### 730/21 impact extension bar, 1.1/2" male and female square drives



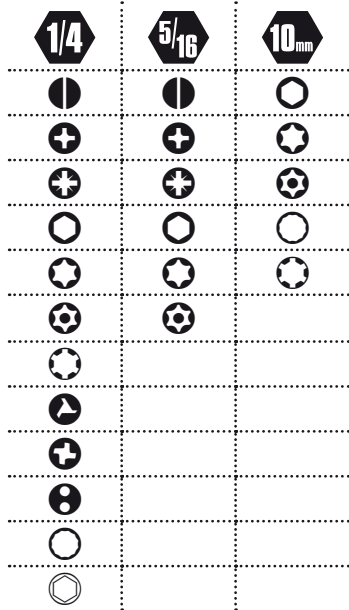
### 730/25 drive impact universal joint, 1.1/2" male and female square drives



### 733/15 adaptor



## BITS



### ISO 1173-C 6,3



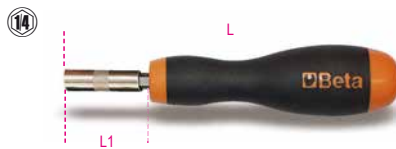
retainer spring seat

### ISO 1173-E 6,3



retainer ball slot

### 851 magnetic bit holder with handle



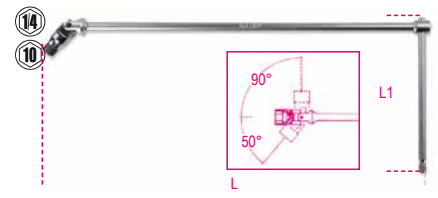
L1 mm	L mm	€	U	Code
45	165	16,70	2	008510165
125	245	19,40	2	008510245

### 851SR quick release bit holder with handle



L mm	L1 mm	€	U	Code
230	110	23,10	2	008510001

### 852 bit holder with articulated T handle



Bit	L mm	L1 mm	€	U	Code
1/4"	400	160	48,50	2	008520006
10 mm	400	160	48,50	2	008520010

### 855P reversible ratchet bit holder with articulated handle, and 7 built-in bits



L mm	L1 mm	€	U	Code
240	100	76,00	1	008550010

- 860PH PH1 - PH2
- 860PZ PZ1 - PZ2
- 860LP LP 0,8X5,5 mm
- 860PE 4 - 5 mm

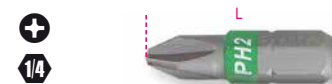
### 860LP bits for slotted head screws, coloured



ISO 2351-1  
ISO 1173 C 6,3

SxA mm	L mm	€	U	Code
0,5x3	25	1,99	5	008600005
0,6x4,5	25	1,99	5	008600010
0,8x5,5	25	1,99	5	008600015
1x5,5	25	1,99	5	008600020
1,2x6,5	25	1,99	5	008600025

### 860PH bits for cross head Phillips® screws, coloured



ISO 2351-2  
ISO 1173 C 6,3

PH	L mm	€	U	Code
0	25	1,99	5	008600220
1	25	1,99	5	008600225
2	25	1,99	5	008600230
3	25	1,99	5	008600245
4	25	2,88	5	008600250

## 860PZ

bits for cross head Pozidriv® - Supadriv® screws, coloured



ISO 2351-2  
ISO 1173 C 6,3

PZ	L mm	€	Hand	Case
1	25	1,99	5	008600320
2	25	1,99	5	008600325
3	25	1,99	5	008600330
4	25	2,88	5	008600335

## 860PE

hexagon bits for power drivers, coloured



ISO 2351-3  
ISO 1173 C 6,3

mm	L mm	€	Hand	Case
2	25	2,12	5	008600101
2,5	25	2,12	5	008600102
3	25	2,12	5	008600103
4	25	2,12	5	008600104
5	25	2,12	5	008600105
6	25	2,12	5	008600106
8	25	2,66	5	008600108
10	25	2,66	5	008600110

## 860TX

bits for Torx® head screws, coloured



ISO 1173 C 6,3

Symbol	L mm	€	Hand	Case
T6	25	2,66	5	008600704
T7	25	2,66	5	008600705
T8	25	2,66	5	008600710
T9	25	2,66	5	008600715
T10	25	2,12	5	008600720
T15	25	2,12	5	008600725
T20	25	2,12	5	008600730
T25	25	2,12	5	008600735
T27	25	2,12	5	008600740
T30	25	2,12	5	008600745
T40	25	2,12	5	008600750

## 860RTX

bits for Tamper Resistant Torx® head screws, coloured



ISO 1173 C 6,3

Symbol	L mm	€	Hand	Case
T9	25	2,88	5	008600550
T10	25	2,88	5	008600555
T15	25	2,88	5	008600560
T20	25	2,88	5	008600565
T25	25	2,88	5	008600570
T27	25	2,88	5	008600575
T30	25	2,88	5	008600580
T40	25	2,88	5	008600585

## 860/55

reversible bit ratchet

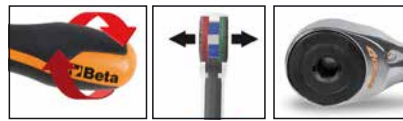


L mm	Symbol	€	Hand	Case
100	1/4	34,00	3	008600870

## 860/58

bit ratchet with rotating handle

- Bit can be fitted onto both sides, for screwing or unscrewing
- Bi-material handle



L mm	Symbol	Ø mm	A mm	€	Hand	Case	
860/58	126	1/4"	27	15	78,00	1	008600884

## 860/C27

25 bits, 1 connector and 1 reversible ratchet in plastic case



860/C27	€	Hand	Case
	92,50	1	008600880

860/55	100 mm
860LP	0,5x3-1,0x5,5-1,2x6,5 mm
860PH	PH1-PH2(x2)-PH3
860PZ	PZ1-PZ2(x2)-PZ3
860PE	2-2,5-3-4-5-6 mm
860TX	T6-T8-T10-T15-T20-T25-T30-T40
892/0	● 1/4 ■ 1/4

## 860PHZ/A10

set of 10 bits with magnetic bit holder in plastic case



860PHZ/A10	€	Hand	Case
	38,00	1	008600910

860PH	PH1	1
	PH2	3
	PH3	1
860PZ	PZ1	1
	PZ2	3
	PZ3	1
882M1	○ 1/4 ● 1/4	

## 860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10	€	Hand	Case
	40,00	1	008600920

860PE	2-2,5 mm	n.
	3-4-5-6 mm	1
882M1	○ 1/4 ● 1/4	2

## 860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10	€	Hand	Case
	41,00	1	008600970

860TX	T7 - T8 - T9 - T10 - T15 - T20	n.
	T25 - T27 - T30 - T40	1
882M1	○ 1/4 ● 1/4	

## 860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10	€	Hand	Case
	38,00	1	008600900

860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm	n.
860PH	PH1	1
	PH2	2
	PH3	1
860PZ	PZ1 - PZ2 - PZ3	1
882M1	○ 1/4 ● 1/4	





## 860MIX/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860MIX/A31 € 90,50 1 008600902

- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5  
1,0x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6  
8 - 10 mm
- 860PH PH0 - PH1 - PH2 - PH3 - PH4
- 860PZ PZ1 - PZ2 - PZ3 - PZ4
- 860RTX T9 - T10 - T15 - T20  
T25 - T27 - T30 - T40
- 862MSR 50 ○ 1/4 ● 1/4

## 860/C38P

1 reversible ratchet bit holder with articulated handle, 27 bits, 8 hexagon sockets and 2 accessories



860/C38P € 201,00 1 008600878

- 860LP 0,6x4,5-0,8x5,5-1,0x5,5-  
1,2x6,5 mm
  - 860PE 2-2,5-3-4(x2)-5(x2) mm
  - 860PH PH1(x2)-PH2(x2)-PH3
  - 860PZ PZ1(x2)-PZ2(x2)-PZ3
  - 860TX T10-T15-T20-T25-T30-T40
  - 900 5-5,5-6-7-8-9-10-13 mm
  - 892/0 ● 1/4 ■ 1/4
  - 892/3 ● 1/4 ■ 1/4
  - 855P 240 mm
- 270x120x45 mm

## 861LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm	€	📦	🚚
0,5x3	25	1,29	10	008610005
0,6x4	25	1,29	10	008610007
0,6x4,5	25	1,29	10	008610010
0,8x5,5	25	1,29	10	008610015
1x5,5	25	1,29	10	008610020
1,2x6,5	25	1,29	10	008610025
1,2x8	25	2,46	10	008610028
1,6x8	25	2,46	10	008610030

## 861PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm	€	📦	🚚
0	25	1,27	10	008610200
1	25	1,27	10	008610205
2	25	1,27	10	008610210
2L	50	2,46	10	008610213
3	25	1,27	10	008610215
4	25	3,40	10	008610220

## 861PH/C

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm	€	📦	🚚
0	25	0,97	200	008610250
1	25	0,97	200	008610255
2	25	0,97	200	008610260
2L	50	1,86	100	008610263
3	25	0,97	200	008610265
4	25	2,50	100	008610270

## 861PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm	€	📦	🚚
1	25	1,27	10	008610300
2	25	1,27	10	008610305
2L	50	2,44	10	008610308
3	25	1,27	10	008610310
4	25	3,40	10	008610315

## 861PZ/C

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm	€	📦	🚚
1	25	0,97	200	008610350
2	25	0,97	200	008610355
2L	50	1,86	100	008610358
3	25	0,97	200	008610360
4	25	2,46	100	008610365

## 861PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 6,3

mm	L mm	€	📦	🚚
2	25	1,36	10	008610100
2,5	25	1,36	10	008610105
3	25	1,36	10	008610110
4	25	1,36	10	008610115
5	25	1,36	10	008610120
6	25	1,36	10	008610125
8	25	2,05	10	008610130
10	25	2,71	10	008610135

## 861TX

bits for Torx® head screws



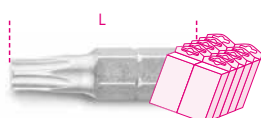
ISO 1173 C 6,3

⊖	L mm	€	📦	🚚
T5	25	1,80	10	008610399
T6	25	1,80	10	008610400
T7	25	1,80	10	008610405
T8	25	1,80	10	008610410
T9	25	1,80	10	008610415
T10	25	1,42	10	008610420
T15	25	1,42	10	008610425
T20	25	1,42	10	008610430
T25	25	1,42	10	008610435
T27	25	1,42	10	008610440
T30	25	1,42	10	008610445
T40	25	1,42	10	008610450



## 861TX/C

bits for Torx® head screws



ISO 1173 C 6,3

	L mm	€		
T10	25	1,09	200	008610470
T15	25	1,09	200	008610475
T20	25	1,09	200	008610480
T25	25	1,09	200	008610485
T27	25	1,09	200	008610490
T30	25	1,09	200	008610495
T40	25	1,09	200	008610499

## 861RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 6,3

	L mm	€		
T6	25	2,66	10	008610537
T7	25	2,66	10	008610538
T8	25	2,66	10	008610540
T9	25	2,66	10	008610500
T10	25	2,66	10	008610505
T15	25	2,66	10	008610510
T20	25	2,66	10	008610515
T25	25	2,66	10	008610520
T27	25	2,66	10	008610525
T30	25	2,66	10	008610530
T40	25	2,66	10	008610535
T45	25	5,15	10	008610539

## 861RIBE

bits for RIBE® screws



ISO 1173 C 6,3

	L mm	€		
M5	25	1,16	10	008610705
M6	25	1,16	10	008610706
M7	25	1,42	10	008610707
M8	25	1,42	10	008610708
M9	25	2,05	10	008610709

## 861TRW

bits for Tri-Wing® head screws



ISO 1173 C 6,3

GR	L mm	€		
1	25	2,26	10	008610601
2	25	2,26	10	008610602
3	25	2,26	10	008610603
4	25	2,26	10	008610604
5	25	2,26	10	008610605
6	25	3,30	10	008610606

## 861TQS

bits for Torq-Set® head screws



ISO 1173 C 6,3

GR	L mm	€		
0	25	2,26	10	008610620
1	25	2,26	10	008610621
2	25	2,26	10	008610622
3	25	2,26	10	008610623
4	25	2,26	10	008610624
5	25	2,26	10	008610625
6	25	2,26	10	008610626
8	25	2,26	10	008610628
10	25	2,26	10	008610630

## 861SP

bits for Spanner screws



ISO 1173 C 6,3

SP	D mm	L mm	€		
4	1,5	25	1,86	10	008610650
6	2,4	25	1,86	10	008610653
8	2,8	25	1,86	10	008610656
10	3,3	25	1,86	10	008610658
12	3,9	25	1,86	10	008610660

## 1483KV-PT/S7



1483KV PT/S7

188

## 861XZN

bits for XZN® screws



ISO 1173 C 6,3

	L mm	€		
M5	25	1,16	10	008610725
M6	25	1,16	10	008610726
M8	25	1,49	10	008610728

## 861/C61P

61 bits and 1 magnetic quick release bit holder



861/C61P 173,50 € 1 008610978

	861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5 1,2x6,5 - 1,2x8 - 1,6x8 mm
	861PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
	861PH	PH0 - PH1 - PH2 - PH3
	861PZ	PZ1 - PZ2 - PZ3
	861TX	T6 - T7 - T8 - T9 - T10 - T15 T20 - T25 - T27 - T30 - T40
	861RTX	T9 - T10 - T15 - T20 - T25 T27 - T30 - T40
	861TRW	1 - 2 - 3 - 4 - 5 - 6
	861TQS	0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10
	861SP	4 - 6 - 8 - 10 - 12
	851SR	1/4"

270x120x45 mm - 975 g

## 862LP

bits for slotted head screws



ISO 2351-1

ISO 1173 E 6,3

SxA mm	L mm	€		
0,5x3	50	3,70	5	008620005
0,6x4,5	50	3,70	5	008620010
0,8x5,5	50	3,70	5	008620015
1x5,5	50	3,70	5	008620020
1,2x6,5	50	3,70	5	008620025
1,2x8	50	4,60	5	008620030
1,6x8	50	4,60	5	008620035

## 862PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 E 6,3

PH	L mm	€		
1	50	3,70	5	008620200
2	50	3,70	5	008620205
3	50	3,70	5	008620210



## 862PH/L

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 E 6,3

PH	L mm	€	5	10
1	70	6,80	5	008620230
2	70	6,80	5	008620232
3	70	6,80	5	008620234

## 862PH-XL

bits for cross head Phillips® screws



ISO 2351-2/ISO 1173 E 6,3

PH	L mm	€	5	10
1	100	7,00	5	008620250
2	100	7,00	5	008620252
3	100	7,00	5	008620254

## 862PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 E 6,3

PZ	L mm	€	5	10
1	50	3,80	5	008620300
2	50	3,80	5	008620305
3	50	3,80	5	008620310

## 862PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 E 6,3

mm	L mm	€	5	10
3	50	3,80	5	008620103
4	50	3,80	5	008620104
5	50	3,80	5	008620105
6	50	3,80	5	008620106
8	50	5,15	5	008620108

## 862TX

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	€	5	10
T6	50	5,10	5	008620506
T7	50	5,10	5	008620507
T8	50	5,10	5	008620508
T9	50	5,10	5	008620509
T10	50	5,10	5	008620510
T15	50	5,10	5	008620515
T20	50	5,10	5	008620520
T25	50	5,10	5	008620525
T27	50	5,10	5	008620527
T30	50	5,10	5	008620530
T40	50	5,10	5	008620540

## 862TX/L

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	€	5	10
T6	70	5,50	5	008620556
T7	70	5,50	5	008620557
T8	70	5,50	5	008620558
T9	70	5,50	5	008620559
T10	70	5,50	5	008620560
T15	70	5,50	5	008620565
T20	70	5,50	5	008620570
T25	70	5,50	5	008620575
T27	70	5,50	5	008620577
T30	70	5,50	5	008620580
T40	70	5,50	5	008620590

## 862TX-XL

bits for Torx® head screws



ISO 1173 E 6,3

	L mm	€	5	10
T9	100	6,05	5	008620659
T10	100	6,05	5	008620660
T15	100	6,05	5	008620665
T20	100	6,05	5	008620670
T25	100	6,05	5	008620675
T27	100	6,05	5	008620677
T30	100	6,05	5	008620680
T40	100	6,05	5	008620690

## 862F

magnetic bits, hexagon sockets



ISO 1173 E 6,3

mm	L mm	∅ mm	€	5	10
5,5	65	11	6,95	5	008620405
6	65	11	6,95	5	008620406
7	65	11	6,95	5	008620407
8	65	13	6,95	5	008620408
10	65	15	7,55	5	008620410
12	65	18	8,35	5	008620412
13	65	18	8,80	5	008620413

## 862F/A7

7 magnetic bits, hexagon sockets, in plastic case



862F/A7 € 52,50 1 008620950

862F 5,5-6-7-8-10-12-13 mm

## 866LP

bits for slotted head screws



ISO 2351-1  
ISO 1173 C 8

SxA mm	L mm	€	5	10
1x5,5	41	3,80	10	008660005
1,2x6,5	41	3,80	10	008660010
1,6x8	41	3,80	10	008660015
1,6x10	41	5,15	10	008660020
2x12	41	6,45	10	008660025

## 866PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 8

PH	L mm	€	5	10
1	32	3,10	10	008660200
2	32	3,10	10	008660205
3	32	3,10	10	008660210
4	38	4,65	10	008660215

## 866PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 8

PZ	L mm	€	5	10
1	32	3,25	10	008660300
2	32	3,25	10	008660305
3	32	3,25	10	008660310
4	38	4,85	10	008660315



## 866PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 8

mm	L mm	€	🔧	📦
3	30	2,66	10	008660100
4	30	2,66	10	008660105
5	30	2,66	10	008660110
6	30	2,66	10	008660115
7	30	2,66	10	008660117
8	30	2,66	10	008660120
10	30	3,70	10	008660125
12	30	5,15	10	008660132
14	30	6,65	10	008660134

## 866TX

bits for Torx® head screws



ISO 1173 C 8

⊕	L mm	€	🔧	📦
T20	30	3,35	10	008660400
T25	30	3,35	10	008660405
T27	30	3,35	10	008660410
T30	30	3,35	10	008660415
T40	30	3,35	10	008660420
T45	30	3,35	10	008660425
T50	30	3,35	10	008660430
T55	30	4,80	10	008660435
T60	30	6,45	10	008660440
T70	30	7,15	10	008660445

## 866RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 8

⊕	L mm	€	🔧	📦
T40	30	3,80	10	008660520
T45	30	3,80	10	008660525
T50	30	3,80	10	008660530
T55	30	5,35	10	008660535
T60	30	6,95	10	008660540
T70	30	8,60	10	008660545

## 867PE

hexagon bits



mm	L mm	€	🔧	📦
4	30	1,74	5	008670104
5	30	1,74	5	008670105
6	30	1,74	5	008670106
7	30	1,74	5	008670107
8	30	1,74	5	008670108
10	30	1,74	5	008670110
12	30	2,59	5	008670112

## 867PE/L

hexagon bits



mm	L mm	€	🔧	📦
4	75	3,25	5	008670154
5	75	3,25	5	008670155
6	75	3,25	5	008670156
7	75	3,25	5	008670157
8	75	3,25	5	008670158
10	75	3,25	5	008670160
12	75	4,55	5	008670162

## 867XZN

bits with XZN® profile



⊕	L mm	€	🔧	📦
M4	30	2,18	5	008670204
M5	30	2,18	5	008670205
M6	30	2,18	5	008670206
M8	30	2,18	5	008670208
M10	30	2,18	5	008670210
M12	30	3,25	5	008670212

## 867XZN/L

bits with XZN® profile



⊕	L mm	€	🔧	📦
M5	75	3,55	5	008670255
M6	75	3,55	5	008670256
M8	75	3,55	5	008670258
M10	75	3,55	5	008670260
M12	75	4,85	5	008670262

## 867TX

bits for Torx® head screws



⊕	L mm	€	🔧	📦
T20	30	1,74	5	008670400
T25	30	1,74	5	008670405
T30	30	1,74	5	008670410
T40	30	1,74	5	008670415
T45	30	1,74	5	008670420
T50	30	1,74	5	008670425
T55	30	1,74	5	008670430

## 867TX/L

bits for Torx® head screws



⊕	L mm	€	🔧	📦
T20	75	2,85	5	008670450
T25	75	2,85	5	008670455
T30	75	2,85	5	008670460
T40	75	2,85	5	008670465
T45	75	2,85	5	008670470
T50	75	2,85	5	008670475
T55	75	2,85	5	008670480

## 867RTX

bits for Tamper Resistant Torx® head screws



⊕	L mm	€	🔧	📦
T20	30	1,94	5	008670500
T25	30	1,94	5	008670505
T30	30	1,94	5	008670510
T40	30	1,94	5	008670515
T45	30	1,94	5	008670520
T50	30	1,94	5	008670525
T55	30	1,94	5	008670530

## 867RTX/L

bits for Tamper Resistant Torx® head screws



⊕	L mm	€	🔧	📦
T20	75	3,25	5	008670550
T25	75	3,25	5	008670555
T30	75	3,25	5	008670560
T40	75	3,25	5	008670565
T45	75	3,25	5	008670570
T50	75	3,25	5	008670575
T55	75	3,25	5	008670580

## 867RIBE

bits for RIBE® screws



⊕	L mm	€	🔧	📦
M5	30	1,99	5	008670705
M6	30	1,99	5	008670706
M7	30	1,99	5	008670707
M8	30	1,99	5	008670708
M9	30	1,99	5	008670709
M10	30	1,99	5	008670710
M11	30	2,91	5	008670711
M12	30	2,91	5	008670712
M13	30	2,91	5	008670713

## 867RIBE/L

bits for RIBE® screws



mm	L mm	€	5	008670755
M5	75	3,25	5	008670755
M6	75	3,25	5	008670756
M7	75	3,25	5	008670757
M8	75	3,25	5	008670758
M9	75	3,25	5	008670759
M10	75	3,25	5	008670760
M11	75	4,40	5	008670761
M12	75	4,40	5	008670762
M13	75	4,40	5	008670763

## 867/...

bit holder sockets for item 867



mm	mm	L mm	Ø mm	€	5	008670600
867/1	10	3/8"	38	17	6,25	5 008670600
867/2	10	1/2"	38	22	7,05	5 008670601

## 867/C20

18 bits for RIBE® screws, with 10 mm hexagon drive and 2 accessories



867/C20	€	5	008670920
	124,50	5	008670920

	867RIBE	5-6-7-8-9-10-11-12-13 mm
	867RIBE/L	5-6-7-8-9-10-11-12-13 mm
	867/1	
	867/2	

335x145x60 mm - 1,7 kg

## 867/C38

38 hexagon bits, 10 mm, 1 bit holder with articulated T handle



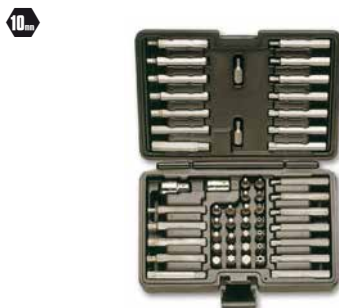
867/C38	€	5	008670938
	229,00	5	008670938

	852	10 mm
	867PE	4-5-6-7-8-10-12mm
	867PE/L	4-5-6-7-8-10-12mm
	867XZN	M5-M6-M8-M10-M12
	867XZN/L	M5-M6-M8-M10-M12
	867TX	T20-T25-T30-T40-T45-T50-T55
	867TX/L	T20-T25-T30-T40-T45-T50-T55
	882	

420x185x60 mm - 3 kg

## 867/C52

52 hexagon bits, 10 mm and 2 accessories



867/C52	€	5	008670901
	141,00	5	008670901

	867PE	4-5-6-7-8-10-12 mm
	867PE/L	4-5-6-7-8-10-12 mm
	867XZN	M5-M6-M8-M10-M12
	867XZN/L	M5-M6-M8-M10-M12
	867TX	T20-T25-T30-T40-T45-T50-T55
	867TX/L	T20-T25-T30-T40-T45-T50-T55
	867RTX	T20-T25-T30-T40-T45-T50-T55
	867RTX/L	T20-T25-T30-T40-T45-T50-T55
	867/1	○ 10 mm - □ 3/8"
	867/2	○ 10 mm - □ 1/2"

250x170x70 mm - 2,1 kg

## 852



852	78,116
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## 882

bit holder with retaining ring for drivers



ISO 1173 E 6,3

L mm	○	●	Ø mm	€	5	008820001
57	1/4	1/4	11	17,30	5	008820001

## 882AN

bevel gearbox, 1/4" hexagon drive

- For electric drills with 10 mm and 13 mm spindles and 1/4" impact wrenches
- Max. speed: 3600 rpm
- Max. torque: 30 Nm
- With quick change bit holder
- Gear ratio: 1:1
- Connection to tool through 1/4" hexagon D6.3



ISO 1173 E 6,3  
ISO 1173 C 6,3

L mm	○	●	€	5	008820090
137	1/4	1/4	75,00	5	008820090

## 882M1

magnetic bit holder



ISO 1173 E 6,3

L mm	○	●	Ø mm	€	5	008820006
50	1/4	1/4	11	18,30	5	008820006

## 882M

magnetic bit holder



ISO 1173 E 6,3

L mm	○	●	Ø mm	€	5	008820005
75	1/4	1/4	11	22,20	5	008820005

# Beta

## 882MSR

magnetic quick release bit holder for drivers



ISO 1173 E 6,3

L mm	○ mm	● mm	∅ mm	€	🔧	📄
50	1/4	1/4	11	19,80	5	008820205
75	1/4	1/4	11	23,10	5	008820207

## 882P

magnetic bit holder extension bar



L mm	● mm	○ mm	∅ mm	€	🔧	📄
80	1/4	1/4	10	16,20	5	008820080

## 892

adaptors for drivers



	■ mm	● mm	○ mm	L mm	€	🔧	📄
892/0	1/4	1/4	25		5,65	5	008920000
* 892/1	1/4	5,5	50		10,80	5	008920001
* 892/2	3/8	5,5	50		16,10	5	008920002
° 892/3	1/4	1/4	50		10,80	5	008920003
° 892/4	3/8	1/4	50		16,10	5	008920004
892/5	1/4	5/16	75		14,90	5	008920005
892/6	3/8	5/16	75		21,90	5	008920006
892/7	1/2	1/4	75		22,70	5	008920007

\* ISO 1173 A 5,5  
° ISO 1173 C 6,3



## 895

socket holder for bits  
item 861 - 862 - 866



DIN 7427

	○ mm	□ mm	L mm	∅ mm	€	🔧	📄
895/1	1/4	1/4	25,4	12	13,00	5	008950000
895/3	1/4	3/8	29	16,8	15,50	5	008950001
895/4	5/16	3/8	29	16,8	15,50	5	008950002
895/5	1/4	1/2	38	22	15,50	5	008950005
895/6	5/16	1/2	38	22	15,50	5	008950003

## 897

flexible bit holder with handle



L mm	L1 mm	€	🔧	📄
280	154	29,50	2	008970010

## 897L

flexible bit holder with handle, long model



L mm	L1 mm	€	🔧	📄
500	380	34,00	2	008970015

## RATCHETS 9XX/55

Compact head



Operates in small spaces, at an angle of no more than 5°, thanks to the 72-tooth ring gear



Prevents slipping or releasing under tension

- Pressing of hand on ratchet head does not cause reversal and always allows free lever return
- One-handed reversal
- Outstanding mechanical characteristics



Reduced work load, 17 teeth in contact with gear at all times



## 900

hexagon hand sockets



UNI/ISO 2725 DIN 3124

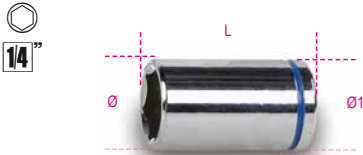
mm	Ø	L	Ø1	€	1/4"	10	11
3,2	6,6	25	11,8	4,10	10	009000032	
4	6,8	25	11,8	4,10	10	009000040	
4,5	7,4	25	11,8	4,10	10	009000045	
5	8,0	25	11,8	4,10	10	009000050	
5,5	8,7	25	11,8	4,10	10	009000055	
6	9,3	25	11,8	4,10	10	009000060	
7	10,4	25	11,8	4,10	10	009000070	
8	11,8	25	12,7	4,10	10	009000080	
9	12,7	25	11,8	4,10	10	009000090	
10	14,2	25	12,0	4,10	10	009000100	
11	15,8	25	12,5	4,10	10	009000110	
12	17,2	25	13,5	4,10	10	009000120	
13	18,0	25	13,5	4,15	10	009000130	
14	20,0	25	15,0	4,20	10	009000140	



900/SB13 71,50 1 009000150  
4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm

## 900MC

hexagon hand sockets, coloured



mm	L	Ø	Ø1	€	5
4	24,8	6,7	11,8	4,40	5 009002040
5	24,8	8,0	11,8	4,40	5 009002050
6	24,8	9,2	11,8	4,40	5 009002060
7	24,8	10,7	11,8	4,40	5 009002070
8	24,8	11,8	11,8	4,40	5 009002080
9	24,8	12,8	12,8	4,40	5 009002090
10	24,8	14,8	14,8	4,40	5 009002100
11	24,8	15,8	15,8	4,40	5 009002110
12	24,8	16,8	16,8	4,40	5 009002120
13	24,8	17,8	17,8	4,50	5 009002130
14	24,8	19,5	19,5	4,55	5 009002140

## 900MB

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€	5	11
4	6,7	22	11,2	7,95	5 009000160	
5	7,7	25	11,2	7,95	5 009000161	
5,5	8,3	25	11,2	7,95	5 009000162	
6	9,0	25	11,2	7,95	5 009000163	
7	10,2	25	11,2	7,95	5 009000164	
8	11,3	25	12,0	7,95	5 009000165	
9	13,0	25	12,0	7,95	5 009000166	
10	14,3	25	12,9	7,95	5 009000167	
11	16,0	25	14,3	7,95	5 009000168	
12	17,4	25	16,0	7,95	5 009000169	
13	18,0	25	16,4	8,80	5 009000170	
14	19,3	25	17,9	9,30	5 009000171	



900MB/SB12 114,50 1 009000179  
4-5-5,5-6-7-8-9-10  
11-12-13-14 mm

## 900L

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€	5	11
4	6,5	50	12,0	9,55	5 009000181	
4,5	7,0	50	12,0	9,55	5 009000182	
5	7,5	50	12,0	9,55	5 009000183	
5,5	8,5	50	12,0	9,55	5 009000184	
6	9,5	50	12,0	9,55	5 009000185	
7	10,5	50	12,0	9,55	5 009000186	
8	12,0	50	12,0	9,55	5 009000187	
9	13,0	50	13,0	9,55	5 009000188	
10	14,0	50	14,0	9,95	5 009000189	
11	16,0	50	16,0	9,95	5 009000190	
12	17,5	50	17,5	9,95	5 009000191	
13	17,5	50	17,5	9,95	5 009000192	
14	20,0	50	20,0	9,95	5 009000193	



900L/SB13 144,00 1 009000203  
4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

## 900MB/L

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€	3	11
5	8,0	50	12,0	14,70	3 009000211	
6	9,3	50	12,0	14,70	3 009000212	
7	10,9	50	12,0	14,70	3 009000213	
8	11,6	50	12,0	14,70	3 009000214	
9	13,0	50	12,0	14,70	3 009000215	
10	14,3	50	12,8	15,60	3 009000216	
11	16,0	50	14,2	15,60	3 009000217	
12	17,4	50	15,5	15,60	3 009000218	
13	18,0	50	16,2	15,80	3 009000219	
14	19,0	50	17,1	16,10	3 009000220	

## 900AS

hexagon hand sockets



mm	Ø	L	Ø1	€	5	11
5/32	8,8	25	11,9	4,50	5 009000349	
3/16	7,7	25	11,9	4,50	5 009000340	
7/32	8,8	25	11,9	4,50	5 009000345	
1/4	9,6	25	11,9	4,50	5 009000350	
9/32	10,2	25	11,9	4,50	5 009000355	
5/16	11,3	25	11,9	4,50	5 009000360	
11/32	12,7	25	11,6	4,50	5 009000365	
3/8	14,0	25	12,9	4,50	5 009000370	
7/16	15,3	25	14,5	4,50	5 009000375	
1/2	17,5	25	16,4	4,55	5 009000380	
9/16	19,0	25	17,9	4,60	5 009000385	



900AS/SB11 65,50 1 009000389  
3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-  
7/16-1/2-9/16

## 900AS/MB

bi-hex hand sockets



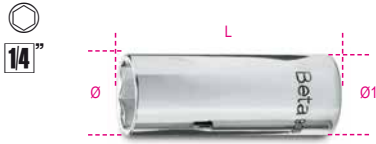
SAE AS 954E

"	Ø	L	Ø1	€	2	11
3/16	7,7	22	10,9	8,10	2 009000390	
7/32	8,5	22	10,9	8,10	2 009000391	
1/4	9,4	22	10,9	8,10	2 009000392	
9/32	10,2	22	10,9	8,10	2 009000393	
5/16	11,3	22	11,7	8,10	2 009000394	
11/32	12,5	22	12,0	8,10	2 009000395	
3/8	13,7	22	12,9	8,65	2 009000396	
7/16	15,6	22	14,3	8,65	2 009000397	
1/2	17,2	22	16,4	9,60	2 009000398	
9/16	18,8	24	17,9	9,70	2 009000399	



## 900AS/L

hexagon hand sockets, long series



SAE AS 954E

"	Ø mm	L mm	Ø1 mm	€	🔧	📄
3/16	7,0	50	12,0	10,00	2	009000301
7/32	8,5	50	12,0	10,00	2	009000303
1/4	9,8	50	12,0	10,00	2	009000305
9/32	10,5	50	12,0	10,00	2	009000307
5/16	12,0	50	12,0	10,00	2	009000309
11/32	13,0	50	13,0	10,00	2	009000311
3/8	14,0	50	14,0	10,00	2	009000313
7/16	16,0	50	16,0	10,00	2	009000315
1/2	17,5	50	17,5	10,00	2	009000317
9/16	20,0	50	20,0	10,70	2	009000319

## 900AS/MBL

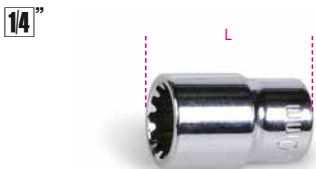
bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm	€	🔧	📄
5/32	6,8	50	12,0	15,50	2	009000325
3/16	8,0	50	12,0	15,50	2	009000326
7/32	8,5	50	12,0	15,50	2	009000327
1/4	9,8	50	12,0	15,50	2	009000328
9/32	10,9	50	12,0	15,50	2	009000329
5/16	11,6	50	12,0	15,50	2	009000330
11/32	13,0	50	12,0	15,50	2	009000331
3/8	14,3	50	12,8	16,60	2	009000332
7/16	16,0	50	14,2	16,60	2	009000333
1/2	18,0	50	16,2	16,60	2	009000334
9/16	19,0	50	17,1	16,60	2	009000335

## 900U

gear lock hand sockets



mm	"	🔧	📄	€	🔧	📄
4	5/32	E5	M5	4,30	5	009001702
4,5	3/16	E6		4,30	5	009001703
5	13/64		M6	4,30	5	009001704
5,5	7/32	E7		4,30	5	009001705
6	1/4	E8	M8	4,30	5	009001706
7	9/32			4,30	5	009001707
8	5/16	E10	M10	4,30	5	009001708
9	11/32			4,30	5	009001709
10	3/8	E12	M12	4,30	5	009001710
11	7/16	E14	M14	4,30	5	009001711
12	15/32	E16		4,30	5	009001712
13	1/2		M16	4,35	5	009001713
14	9/16	E18	M18	4,40	5	009001714

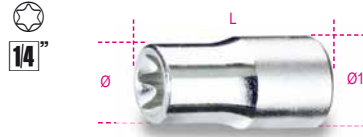
14"



900U/SB13	€	🔧	📄
4-4,5-5-5,5-6-7-8-9 10-11-12-13-14 mm	74,00	1	009001750

## 900FTX

hand sockets for Torx® head screws



🔧	Ø mm	L mm	Ø1 mm	€	🔧	📄
E4	5,4	22	11,2	7,60	5	009000404
E5	6,7	22	11,2	7,60	5	009000405
E6	7,7	22	11,2	7,60	5	009000406
E7	8,3	22	11,2	7,60	5	009000407
E8	9,6	22	11,2	7,60	5	009000408
E10	11,3	22	12,0	7,60	5	009000410
E11	12,1	22	12,5	10,40	5	009000411
E12	12,9	23	12,9	10,40	5	009000412
E14	14,0	25	14,0	10,40	5	009000414

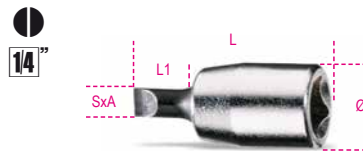
14"



900FTX/SB9	€	🔧	📄
E4-E5-E6-E7-E8 E10-E11-E12-E14	90,50	1	009000419

## 900LP

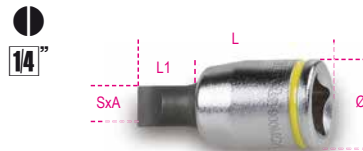
socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm	€	🔧	📄
0,8x4	12	28	9	9,20	5	009000605
1x5,5	12	28	9	9,20	5	009000610
1,2x6,5	12	28	9	9,20	5	009000615
1,2x8	13	28	8	9,20	5	009000620
1,6x10	14	28	8	9,20	5	009000625

## 900MC/LP

socket drivers for slotted head screws, coloured



SxA mm	Ø mm	L mm	L1 mm	€	🔧	📄
0,8x4	12	28	9	14,40	3	009002605
1,2x6,5	12	28	9	14,40	3	009002615
1,2x8	13	28	8	14,40	3	009002620

## 900PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm	€	🔧	📄
1	12	28	12	10,00	5	009000701
2	12	28	12	10,00	5	009000702
3	12	28	12	10,00	5	009000703
4	13	28	11	10,00	5	009000704

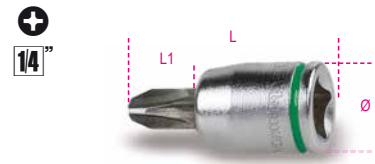
14"



900PH/SB4	€	🔧	📄
PH1-PH2-PH3-PH4	48,00	1	009000708

## 900MC/PH

socket drivers for cross head Phillips® screws, coloured



PH	Ø mm	L mm	L1 mm	€	🔧	📄
1	12	28	12	15,00	3	009002701
2	12	28	12	15,00	3	009002702
3	12	28	12	15,00	3	009002703

## 900PZ

socket drivers for cross head Pozidriv®-Supadriv® screws



PZ	Ø mm	L mm	€	🔧	📄
1	12	28	10,50	3	009000711
2	12	28	10,50	3	009000712
3	12	28	10,50	3	009000713

## 900ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	€	🔧	📄
2,5	12	25	4,5	8,65	5	009000502
3	12	25	5,0	8,65	5	009000503
4	12	25	5,6	8,65	5	009000504
5	12	25	6,3	8,65	5	009000505
6	12	25	7,6	8,65	5	009000506
7	13	25	7,2	8,65	5	009000507
8	13	25	8,0	8,65	5	009000508
10	13	25	8,7	10,70	5	009000510



900ME/SB8 € 83,50 1 009000518  
2,5-3-4-5-6-7-8-10 mm

## 900PE/AS

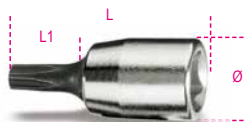
socket drivers for hexagon screws



"	Ø mm	L mm	€	🔧	📄
1/8	11,9	25	19,70	5	009000521
5/32	11,9	25	19,70	5	009000522
3/16	11,9	25	19,70	5	009000523
7/32	11,9	25	19,70	5	009000524
1/4	11,9	25	19,70	5	009000525
9/32	13,1	25	19,70	5	009000526
5/16	13,1	25	19,70	5	009000527

## 900PT

socket drivers for 5-star head screws



PT	Ø mm	L mm	L1 mm	€	🔧	📄
PT10	12	28	12	18,40	5	009000750
PT15	12	28	12	18,40	5	009000755
PT20	12	28	12	18,40	5	009000760
PT25	12	28	12	18,40	5	009000765
PT27	12	28	12	18,40	5	009000767
PT30	12	28	12	18,40	5	009000770

## 900TX

socket drivers for Torx® head screws



T	Ø mm	L mm	L1 mm	€	🔧	📄
T6	12	28	12	13,40	5	009000717
T7	12	28	12	13,40	5	009000718
T8	12	28	12	13,50	5	009000719
T9	12	28	12	13,50	5	009000720
T10	12	28	12	13,50	5	009000721
T15	12	28	12	13,50	5	009000722
T20	12	28	12	13,50	5	009000723
T25	12	28	12	13,50	5	009000724
T27	12	28	12	13,50	5	009000725
T30	12	28	12	13,50	5	009000726
T40	12	28	12	13,50	5	009000727



900TX/SB8 € 120,50 1 009000730  
T9-T10-T15-T20  
T25-T27-T30-T40

## 900MC/TX

socket drivers for Torx® head screws, coloured



T	Ø mm	L mm	L1 mm	€	🔧	📄
T10	12	28	12	15,50	3	009002721
T15	12	28	12	15,50	3	009002722
T20	12	28	12	15,50	3	009002723
T25	12	28	12	15,50	3	009002724
T27	12	28	12	15,50	3	009002725
T30	12	28	12	15,50	3	009002726
T40	12	28	12	15,50	3	009002727

## 900/16

adaptor, 1/4" female and 3/8" male drives

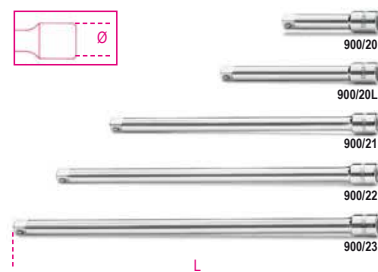


UNI/ISO 3316 DIN 3123

L mm	Ø mm	€	🔧	📄
28	13,0	7,05	5	009000814

## 900/...

1/4" female and male drive extension bars

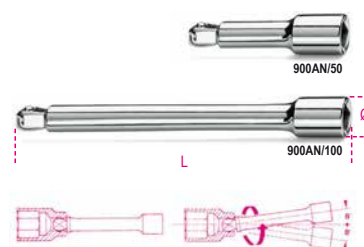


UNI/ISO 3316 DIN 3123

900/...	L mm	Ø mm	€	🔧	📄
900/20	50	11,5	8,95	5	009000818
900/20L	100	11,5	9,20	5	009000819
900/21	150	11,5	9,60	5	009000822
900/22	250	11,5	14,10	5	009000823
900/23	350	11,5	16,90	5	009000824

## 900AN

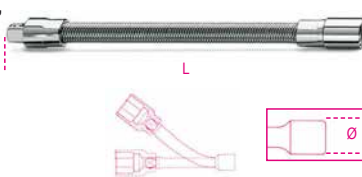
1/4" wobble extension bars



900AN/...	L mm	Ø mm	€	🔧	📄
900AN/50	50	11,5	9,70	3	009000825
900AN/100	100	11,5	10,70	3	009000826

## 900FL

1/4" flexible universal extension bar



L mm	Ø mm	€	🔧	📄
150	12	14,30	3	009000828

## 900/25

1/4" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm	€	🔧	📄
41	12,5	17,40	5	009000830



## 900BG/30C

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1	€	⚙️	📄
mm 128	mm 20	8,55	5	009000833

## 900BG/30

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1	€	⚙️	📄
mm 176	mm 68	8,95	5	009000834

## 900/32

1/4" drive flexible handle



L	L1	€	⚙️	📄
mm 280	mm 154	20,60	2	009000839

## 900/35A

1/4" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1	€	⚙️	📄
mm 148	mm 84	29,50	5	009000840

## 900M/35

1/4" swivel drive with metal handle



UNI/ISO 3315  
DIN 3122

L	€	⚙️	📄
mm 130	37,50	3	009000845



## 900/40

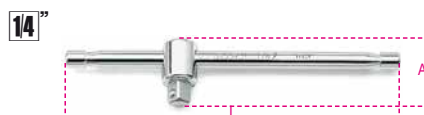
1/4" drive swivel T-handle



L	L1	€	⚙️	📄
mm 390	mm 145	39,50	3	009000843

## 900/42

1/4" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L	A	€	⚙️	📄
mm 115	mm 22	9,80	5	009000854

## 900T/44

1/4" male drive, bent,  
with high torque handle



L	L1	€	⚙️	📄
mm 238	mm 105	14,80	2	009000860

## 900/55

1/4" drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	⚙️	📄
mm 125	mm 25	mm 29	47,00	5	009000870

## 900/55Z

72



Ratchet 900/55Z was developed by Beta's Technical Department with a new 72-tooth mechanism, 15 teeth being in contact with the gear at all times.

Therefore, the work load is distributed over a large number of teeth, thereby resulting in reduced wear of the individual parts and in an extremely long work life.



In addition, the 72 teeth ensure a take-up angle of no more than 5° and an extremely compact head, thereby providing quick access to smaller spaces as well.

Beta's ergonomic bi-material handle allows both quick use of the ratchet and the application of increased force.

## 900/55Z

1/4" drive reversible ratchet, 72 tooth mechanism



L	Ø	A	€	⚙️	📄
mm 126	mm 25	mm 23	47,00	3	009000882

## 900M/55

1/4" drive reversible ratchet with metal handle



UNI/ISO 3315 DIN 3122					
L	Ø	A	€		
mm	mm	mm	60,50	3	009000905
110	22	18			

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8

## 900/58

1/4" drive reversible ratchet with rotating handle, 52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	€		
mm	mm	mm	71,50	2	009000884
126	28	28,5			

## 900/C39N

11 hexagon sockets, 21 bits and 7 accessories



900/C39N	210,50	1	009000947
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861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
861PH	PH1-PH2-PH3
861PZ	PZ1-PZ2-PZ3
861PE	2,5-3-4-5-6 mm
861RTX	T10-T15-T20-T25-T27-T30-T40
900	5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/20L	100 mm
900/25	
900BG/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

## 900/C39U

11 gear lock sockets, 21 bits and 7 accessories



900/C39U	213,00	1	009001947
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861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
861PH	PH1-PH2-PH3
861PZ	PZ1-PZ2-PZ3
861PE	2,5-3-4-5-6 mm
861RTX	T10-T15-T20-T25-T27-T30-T40
900U	Ø 5-5,5-6-7-8-9-10-11-12-13-14 mm * 3/16-13/64-7/32-1/4-9/32-5/16-11/32-3/8-7/16-15/32-1/2-9/16 ⊙ E6-E7-E8-E10-E12-E14-E16-E18 ⊙ M6-M8-M10-M12-M14-M16-M18
900/20	50 mm
900/20L	100 mm
900/25	
900BG/30C	128 mm
892/0	
895/1	
900/55Z	126 mm

## 900/C11

11 hexagon sockets, 20 bits and 8 accessories



900/C11	229,50	1	009000971
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861LP	0,5x3 - 0,8x5,5 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	176 mm
900/42	
900/55	

270x120x45 mm - 1,2 kg

9899 900C11	13,20	1	098990132
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Thermoformed tray, empty

## 900/C11Z

11 hexagon sockets, 20 bits and 8 accessories



900/C11Z	229,50	1	009000984
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861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
861PE	3 - 4 - 5 - 6 - 8 mm
861PH	0 - 1 - 2 - 3
861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
895/1	
900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	176 mm
900/42	
900/55Z	

350x150x50 mm - 1,2 kg

9899 900C11	13,20	1	098990132
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Thermoformed tray, empty

## 900/C12MR

12 hexagon sockets, 20 bits and 7 accessories in foam tray, in metal case



900/C12MR	257,00	1	009000962
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900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900/42	115 mm
900BG/30	128 mm
900/58	
895/1	
861TX	T8-T10-T15-T20-T25-T30-T40
861PH	PH0-PH1-PH2-PH3
861LP	0,5-0,8-1-1,2 mm
861PE	3-4-5-6-8 mm

350x150x50 mm 1,3 kg

### 900/C12MZ

12 hexagon sockets, 20 bits and 7 accessories in foam tray

1/4"

1/4"



900/C12MZ € 232,00 1 009000983

- 900 4-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900/42 115 mm
- 900BG/30 176 mm
- 900/55Z
- 895/1
- 861TX T8-T10-T15-T20-T25-T30-T40
- 861PH PH0-PH1-PH2-PH3
- 861LP 0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 861PE 3-4-5-6-8 mm

≡ 350x150x50 mm - 1,2 kg

### 900/C13-5

13 hexagon sockets and 5 accessories

1/4"



900/C13-5 € 186,00 1 009000953

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

≡ 270x120x45 mm - 1 kg

9899 900/C13-5 € 13,20 1 098990131  
Thermoformed tray, empty

### 900/C13-8

13 hexagon sockets and 8 accessories

1/4"



900/C13-8 € 226,00 1 009000954

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/16 □ 1/4 - ■ 3/8
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/35A
- 900/42
- 900/55

≡ 270x120x45 mm - 1,1 kg

### 900MB/C19

11 bi-hex sockets and 8 accessories

1/4"



900MB/C19 € 262,00 1 009000977

- 900MB 5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900/16 □ 1/4 - ■ 3/8
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/35A
- 900/42
- 900/55

≡ 270x120x45 mm - 1,1 kg

### 900/C24

13 hexagon sockets, 11 socket drivers and 6 accessories

1/4"



900/C24 € 290,00 1 009000956

- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900LP 0,8x4 - 1,2x6,5 - 1,2x8 mm
- 900PH PH1 - PH2 - PH3
- 900ME 3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

≡ 270x120x45 mm - 1,1 kg

### 900MB/C28

11 bi-hex sockets, 11 socket drivers and 6 accessories

1/4"



900MB/C28 € 327,00 1 009000979

- 900MB 5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900LP 0,8x4 - 1,2x6,5 - 1,2x8 mm
- 900PH PH1 - PH2 - PH3
- 900ME 3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- 900/55

≡ 270x120x45 mm - 1,1 kg





## 900MC/C24

11 hexagon sockets,  
13 coloured socket drivers and 6 accessories

1/4"



900MC/C24 € 382,00 1 009002960

	900MC	4 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900MC/PH	PH1 - PH2 - PH3
	900MC/TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
	900MC/LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	

270x120x45 mm - 1 kg

## 900MC/C32

11 coloured sockets, 20 coloured bits and 7 accessories

1/4"



900MC/C32 € 240,00 1 009002963

	900MC	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
	860LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	860PH	0 - 1 - 2 - 3
	860PE	3 - 4 - 5 - 6 - 8 mm
	860TX	T8 - T10 - T15 - T20 - T25 - T30 - T40
	895/1	
	900/20	
	900/21	
	900/25	
	900BG/30	
	900/42	
	900/55	

270x120x45 mm - 1,2 kg

## 900U/C12M

12 gear lock hand sockets,  
20 bits and 7 accessories,  
in soft foam tray

1/4"

1/4"



900U/C12M € 234,50 1 009001792

	900U	○ 4-5-5-6-7-8-9-10-11-12-13-14 mm * 5/32-3/16-13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 ○ E5-E6-E7-E8-E10-E12-E14-E16-E18 ○ M5-M6-M8-M10-M12-M14-M16-M18
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	176 mm
	900/55	125 mm
	895/1	○ 1/4 - □ 1/4
	861LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	861PE	3-4-5-6-8 mm
	861PH	PH0-PH1-PH2-PH3
	861TX	T8-T10-T15-T20-T25-T30-T40

350x150x50 mm - 1,2 kg

## 900AS/C10 - /MB-C17

10 sockets and 7 accessories

1/4"



900AS/C10 € 211,00 1 009000961

	900AS	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	

270x120x45 mm - 1,1 kg

900AS/MB-C17 € 251,00 1 009000981

	900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	

270x120x45 mm - 1,1 kg

## 900AS/C17-MBM

10 bi-hex sockets  
and 7 accessories  
for aeronautical maintenance

1/4"



900AS/C17-MBM € 272,00 1 009000982

	900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900M/35	
	900/42	
	900M/55	

270x120x45 mm - 1,2 kg



## 900/C11HR

11 hexagon sockets,  
20 bits and 7 accessories  
in hard foam tray,  
in metal case

• ratchet with rotating handle

1/4"

14"



900/C11HR € 254,00 1 009000980

	861LP	0,5x3-0,8x5,5-1x5,5-1,2x6,5 mm
	861PH	PH0-PH1-PH2-PH3
	861PE	3-4-5-6-8 mm
	861TX	T8-T10-T15-T20-T25-T30-T40
	895/1	
	900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	
	900BG/30	
	900/58	

≡ 350x150x50 mm - 1,3 kg

## 902R/C6

6 adaptors for socket drivers



902R/C6 € 95,50 1 009020814

	900/16	□ 1/4 - ■ 3/8
	910/15	□ 3/8 - ■ 1/4
	910/16	□ 3/8 - ■ 1/2
	920/15	□ 1/2 - ■ 3/8
	920/16	□ 1/2 - ■ 3/4
	928/15	□ 3/4 - ■ 1/2

≡ 170x100x35 mm - 600 g

## 902A/C22

22 hexagon sockets and 6 accessories in metal case

14"

12"



902A/C22 € 366,00 1 009020807

	900	5-5,5-6-7-8-9-10-11-12-13 mm
	900/20	50 mm
	900/25	
	900/55	
	920A	10-13-14-15-17-18-19-22-24-27-30-32 mm
	920/21	125 mm
	920/25	
	920/55	

≡ 420x185x60 mm - 3,5 kg

9899 902A/C22 € 13,20 1 098990133  
Thermoformed tray, empty

## 910A

hexagon hand sockets

3/8"

38"



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€		
6	9,5	28	16,7	6,40	5	009100006
7	10,7	28	16,7	6,40	5	009100007
8	12,1	28	16,7	6,40	5	009100008
9	13,2	28	16,7	6,40	5	009100009
10	14,6	29	16,7	6,40	5	009100010
11	15,8	29	16,7	6,40	5	009100011
12	17,2	30	17,7	6,65	5	009100012
13	18,4	31	17,0	6,65	5	009100013
14	19,7	32	17,5	6,65	5	009100014
15	20,9	32	18,0	6,65	5	009100015
16	22,2	33	18,5	7,45	5	009100016
17	23,2	33	19,0	7,45	5	009100017
18	24,7	34	20,0	7,45	5	009100018
19	25,8	35	21,0	7,45	5	009100019
20	27,2	35	22,0	7,95	5	009100020
21	28,2	36	23,0	7,95	5	009100021
22	29,7	37	24,0	8,20	5	009100022

3/8"

38"



910A/SB17 € 142,00 1 009100030  
6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21-22 mm

## 910B

bi-hex hand sockets

3/8"

38"



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€		
6	9,5	28	16,7	6,40	5	009100106
7	10,7	28	16,7	6,40	5	009100107
8	12,1	28	16,7	6,40	5	009100108
9	13,2	28	16,7	6,40	5	009100109
10	14,6	29	16,7	6,40	5	009100110
11	15,8	29	16,7	6,40	5	009100111
12	17,2	30	17,7	6,65	5	009100112
13	18,4	31	17,0	6,65	5	009100113
14	19,7	32	17,5	6,65	5	009100114
15	20,9	32	18,0	6,65	5	009100115
16	22,2	33	18,5	7,45	5	009100116
17	23,2	33	19,0	7,45	5	009100117
18	24,7	34	20,0	7,45	5	009100118
19	25,8	35	21,0	7,45	5	009100119
20	27,2	35	22,0	7,95	5	009100120
21	28,2	36	23,0	7,95	5	009100121
22	29,7	37	24,0	8,20	5	009100122

3/8"

38"



910B/SB17 € 142,00 1 009100130  
6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21-22 mm

## 910AL

hexagon hand sockets,  
long series

3/8"

38"



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	€		
8	12,0	55	17	13,70	3	009100158
9	13,0	55	17	13,70	3	009100159
10	14,5	55	17	13,70	3	009100160
11	16,0	55	17	13,70	3	009100161
12	17,0	55	17	13,70	3	009100162
13	18,0	55	17	15,00	3	009100163
14	20,0	55	18	15,00	3	009100164
15	21,0	55	20	15,00	3	009100165
16	22,0	55	20	15,00	3	009100166
17	23,5	55	22	15,00	3	009100167
18	24,5	55	23	16,40	2	009100168
19	25,0	55	24	16,40	2	009100169
21	27,0	65	26	17,60	2	009100171
22	29,0	65	28	17,60	2	009100172

910AL/SB14 € 231,00 1 009100174  
8-9-10-11-12-13-14  
15-16-17-18-19-21-22 mm

## 910BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	€	U	PC
8	12,0	55	17	13,70	3	009100308
9	13,0	55	17	13,70	3	009100309
10	14,5	55	17	13,70	3	009100310
11	16,0	55	17	13,70	3	009100311
12	17,0	55	17	13,70	3	009100312
13	18,0	55	17	15,00	3	009100313
14	20,0	55	18	15,00	3	009100314
15	21,0	55	20	15,00	3	009100315
16	22,0	55	20	15,00	3	009100316
17	23,5	55	22	15,00	3	009100317
18	24,5	55	23	16,40	2	009100318
19	25,0	55	24	16,40	2	009100319
21	27,0	65	26	17,60	2	009100321
22	29,0	65	28	17,60	2	009100322



910BL/SB14 € 231,00 U 1 009100340  
8-9-10-11-12-13  
14-15-16-17-18  
19-21-22 mm

## 910B/SN

swivel end bi-hex hand sockets



mm	Ø mm	L mm	Ø1 mm	€	U	PC
10	14,5	48,5	19	35,50	2	009100230
11	15,8	49,5	19	35,50	2	009100231
12	17,0	50,0	19	35,50	2	009100232
13	18,3	51,0	19	35,50	2	009100233
14	19,5	51,0	19	39,50	2	009100234
15	20,8	53,5	19	39,50	2	009100235
16	22,0	53,5	19	39,50	2	009100236
17	23,3	54,5	19	39,50	2	009100237
18	24,5	54,5	19	39,50	2	009100238
19	25,8	56,5	19	39,50	2	009100239

## 910A/AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm	€	U	PC
1/4	10,3	26	17,3	7,65	5	009100276
5/16	11,9	26	17,3	7,65	5	009100278
11/32	13,3	26	17,3	7,65	5	009100279

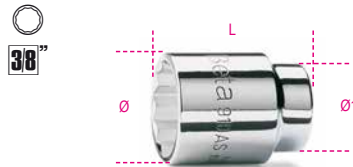
"	Ø mm	L mm	Ø1 mm	€	U	PC
3/8	13,9	26	17,3	7,65	5	009100280
7/16	15,8	26	17,3	7,65	5	009100281
1/2	17,9	26	17,3	7,85	5	009100283
9/16	19,5	27	18,5	7,85	5	009100284
19/32	20,6	27	19,5	7,85	5	009100285
5/8	21,9	28	20,0	8,45	5	009100286
11/16	24,6	30	22,5	8,45	5	009100287
3/4	25,9	30	23,5	8,45	5	009100289
13/16	27,9	32	26,0	9,60	5	009100291
7/8	29,6	32	26,5	9,90	5	009100292



910A-AS/SB13 € 125,50 U 1 009100295  
1/4-5/16-11/32-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8

## 910AS

bi-hex hand sockets



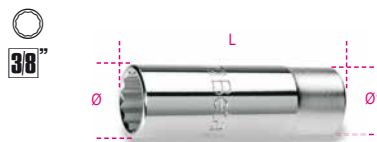
"	Ø mm	L mm	Ø1 mm	€	U	PC
1/4	9,5	28	16,7	7,65	5	009100201
5/16	12,1	28	16,7	7,65	5	009100202
11/32	13,2	28	16,7	7,65	5	009100203
3/8	14,6	29	16,7	7,65	5	009100204
7/16	15,8	29	16,7	7,65	5	009100205
1/2	18,4	31	17,0	7,85	5	009100206
9/16	19,7	32	17,5	7,85	5	009100207
19/32	20,9	32	18,0	7,85	5	009100208
5/8	22,2	33	18,5	8,45	5	009100209
11/16	24,7	34	20,0	8,45	5	009100210
3/4	25,8	35	21,0	8,45	5	009100211
13/16	28,2	36	23,0	9,60	5	009100212
7/8	29,7	37	24,0	9,90	5	009100213



910AS/SB13 € 125,50 U 1 009100215  
1/4-5/16-11/32-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8

## 910AS/L

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm	€	U	PC
1/4	10	55	17	17,30	3	009100350
5/16	12	55	17	17,30	3	009100351
3/8	14	55	17	17,30	3	009100352
7/16	16	55	17	17,30	3	009100353
1/2	18	55	17	19,20	3	009100354
9/16	20	55	18	19,20	3	009100355

"	Ø mm	L mm	Ø1 mm	€	U	PC
19/32	21	55	20	19,70	3	009100356
5/8	22	55	20	19,70	3	009100357
11/16	23	55	22	19,70	3	009100359
3/4	25	55	24	21,00	3	009100360
13/16	27	65	26	24,40	3	009100362
7/8	29	65	28	24,40	3	009100363



910ASL/SB12 € 254,00 U 1 009100365  
1/4-5/16-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8

## 910AS/SN

swivel end bi-hex hand sockets

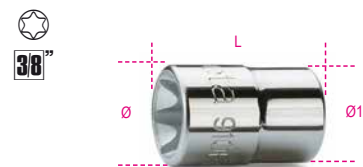


\* SAE AS 954E

"	Ø mm	L mm	Ø1 mm	€	U	PC
* 3/8	14,0	48,0	19	39,00	2	009100260
* 7/16	15,8	51,0	19	39,00	2	009100261
* 1/2	18,3	51,0	19	39,00	2	009100262
* 9/16	19,5	51,0	19	39,50	2	009100263
* 5/8	22,0	53,5	19	39,50	2	009100264
11/16	24,5	54,5	19	42,00	2	009100265
3/4	25,8	56,5	19	42,00	2	009100266

## 910FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm	€	U	PC
E4	6,2	26	17,3	9,20	5	009100404
E5	7,0	26	17,3	9,20	5	009100405
E6	8,3	26	17,3	9,20	5	009100406
E7	8,9	26	17,3	9,20	5	009100407
E8	9,9	26	17,3	9,20	5	009100408
E10	12,0	26	17,3	9,20	5	009100410
E11	13,3	26	17,3	9,20	5	009100411
E12	14,5	26	17,3	9,20	5	009100412
E14	15,8	26	17,3	9,20	5	009100414
E16	18,0	26	17,3	9,20	5	009100416
E18	19,5	26	18,5	10,10	3	009100418
E20	21,9	26	20,0	10,10	3	009100420



910FTX/SB9 € 96,50 U 1 009100430  
E4-E5-E6-E7-E8  
E10-E12-14-E16



## 910FTX/L

hand sockets for Torx® head screws, long series



	Ø mm	L mm	Ø1 mm	€		
E4	6,2	55	17,3	20,70	3	009100440
E5	7,0	55	17,3	20,70	3	009100441
E6	8,3	55	17,3	20,70	3	009100442
E7	8,9	55	17,3	20,70	3	009100443
E8	9,9	55	17,3	20,70	3	009100444
E10	12,0	55	17,3	20,70	3	009100445



	€		
910FTX-L/SB6 E4-E5-E6 E7-E8-E10	134,50	1	009100449

## 910FTX/XL

hexagon hand sockets for Torx® head screws, extra-long series



	Ø mm	L mm	Ø1 mm	€		
E6	8,0	200	18	18,60	2	009100766
E7	8,0	200	18	18,60	2	009100767
E8	10,0	200	18	18,60	2	009100768
E10	14,0	200	18	18,60	2	009100770
E11	14,0	200	18	18,60	2	009100771
E12	14,0	200	18	18,60	2	009100772
E14	17,0	200	18	20,30	2	009100774
E16	18,6	200	18	20,30	2	009100776
E18	21,5	200	18	21,50	2	009100778
E20	21,5	200	18	21,50	2	009100780

## 910FTX-XL/C10

set of 10 hand sockets for Torx® head screws, long series, in plastic case



	€		
910FTX-XL/C10 E6-E7-E8-E10-E11- E12-E14-E16-E18-E20	195,00	1	009100976

255x195x62 mm - 2,3 kg

## 910LP

socket drivers for slotted head screws



SxA	Ø	L	L1	€		
1x5,5	18,5	54	24	16,20	2	009100452
1,2x6,5	18,5	54	24	16,20	2	009100453
1,2x8	18,5	54	24	16,20	2	009100454
1,6x9	18,5	54	24	16,20	2	009100456

## 910PH

socket drivers for cross head Phillips® screws



PH	Ø	L	L1	€		
1	18,5	48	18	15,10	2	009100471
2	18,5	48	18	15,10	2	009100472
3	18,5	48	18	15,10	2	009100473
4	18,5	48	18	15,10	2	009100474



	€		
910PH/SB4 PH1-PH2-PH3-PH4	68,50	1	009100478

## 910PE

socket drivers for hexagon screws



DIN 7422

mm	Ø	L	L1	€		
3	18,5	50	20	13,20	5	009100490
4	18,5	50	20	13,20	5	009100492
5	18,5	50	20	13,20	5	009100494
6	18,5	50	20	13,20	5	009100496
7	18,5	50	20	13,20	5	009100497
8	18,5	50	20	13,20	5	009100498
9	18,5	50	20	13,20	5	009100499
10	18,5	50	20	13,20	5	009100500



	€		
910PE/SB7 3-4-5-6-7-8-10 mm	104,00	1	009100503

## 910BP

ball head socket drivers for hexagon screws



mm	L	L1	€		
4L	92	62	15,70	3	009100584
5L	92	62	15,70	3	009100585
6L	92	62	15,70	3	009100586
7L	92	62	15,70	3	009100587
8L	92	62	15,70	3	009100588
10L	132	102	17,00	3	009100590



	€		
910BP/SB6L 4L-5L-6L-7L-8L-10L mm	106,00	1	009100596

## 910ME

socket drivers for hexagon screws



mm	Ø	L	L1	€		
4	18	62	15	15,80	5	009100504
5	18	62	15	15,80	5	009100505
6	18	62	15	15,80	5	009100506
7	18	62	15	16,10	5	009100507
8	19	62	15	16,10	5	009100508
10	20	62	15	16,10	5	009100510
12	20	62	15	16,10	5	009100512



	€		
910ME/SB5 4-5-6-8-10 mm	89,00	1	009100515

## 910PE/AS

socket drivers for hexagon screws



"	Ø	L	L1	€		
1/8	18,5	50	20	22,60	2	009100531
5/32	18,5	50	20	22,60	2	009100532
3/16	18,5	50	20	22,60	2	009100533
7/32	18,5	50	20	22,60	2	009100534
1/4	18,5	50	20	22,60	2	009100535
5/16	18,5	50	20	22,60	2	009100536
3/8	18,5	50	20	25,00	2	009100537

## 910PT

socket drivers for 5-star head screws



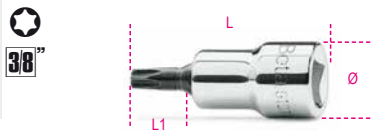
	Ø mm	L mm	L1 mm	€	🔧	📄
PT40	20	50	20	21,00	3	009100540
PT45	20	50	20	21,50	3	009100545
PT50	20	50	20	25,50	3	009100550



910PT/SB8	€	🔧	📄
PT10-PT15-PT20-PT25 PT30-PT40-PT45-PT50	172,50	1	009100558

## 910TX

socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm	€	🔧	📄
T15	18,5	50	20	17,30	5	009100519
T20	18,5	50	20	17,30	5	009100520
T25	18,5	50	20	17,30	5	009100521
T27	18,5	50	20	17,30	5	009100522
T30	18,5	50	20	17,30	5	009100523
T40	18,5	50	20	17,30	5	009100524
T45	18,5	50	20	17,30	3	009100525
T50	18,5	50	20	17,30	3	009100526



910TX/SB6	€	🔧	📄
T15-T20-T25 T27-T30-T40	114,00	1	009100530

## 910XZN

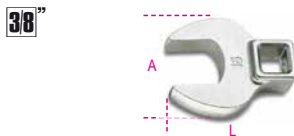
socket drivers with XZN® profile



	L mm	€	🔧	📄
M4	50	18,60	3	009100559
M5	50	18,60	3	009100560
M6	50	18,60	3	009100561
M8	50	18,60	3	009100563
M10	50	19,70	3	009100565

## 910CF

3/8" square drive crowfoot wrenches



mm	A mm	L mm	€	🔧	📄
10	21,3	32,3	11,20	2	009100135
11	23,1	34,3	11,20	2	009100136
12	25,5	36,2	12,60	2	009100137
13	26,9	37,4	12,60	2	009100138
14	30,2	40,0	13,40	2	009100139
15	33,3	41,3	14,00	2	009100140
16	33,3	41,3	15,20	2	009100141
17	38,1	46,5	17,60	2	009100142
18	38,1	46,5	17,60	2	009100143
19	39,6	48,0	19,20	2	009100144



910CF/SB10	€	🔧	📄
10-11-12-13-14-15 16-17-18-19 mm	160,00	1	009100147

## 910/15

adaptor, 3/8" female and 1/4" male drivers



L mm	Ø mm	3/8"	1/4"	€	🔧	📄
30	17,0	□	■	9,70	5	009100810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 910/16

adaptor, 3/8" female and 1/2" male drives

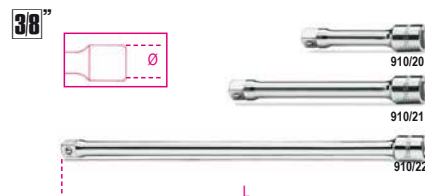


L mm	Ø mm	3/8"	1/2"	€	🔧	📄
32	18,0	□	■	10,10	5	009100814



## 910/20 - 910/21 - 910/22

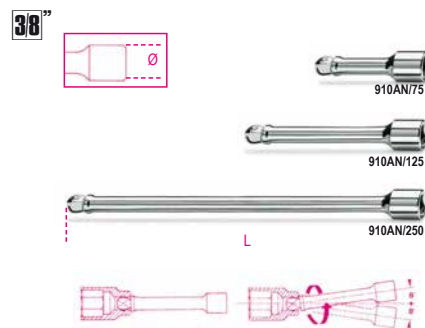
3/8" drive extension bars



	L mm	Ø mm	€	🔧	📄
910/20	75	17	8,30	5	009100820
910/21	125	17	12,00	5	009100822
910/22	250	17	15,80	5	009100826

## 910AN

3/8" wobble extension bars



	L mm	Ø mm	€	🔧	📄
910AN/75	75	17	11,80	3	009100827
910AN/125	125	17	14,70	3	009100828
910AN/250	250	17	22,00	3	009100829

## 910/25

3/8" drive universal joint



	L mm	Ø mm	€	🔧	📄
910/25	54,6	19	21,70	5	009100830

## 910M/35

3/8" swivel drive with metal handle



	L mm	€	🔧	📄
910M/35	250	60,00	3	009100839

### 910/36A

3/8" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1	€	3	009100845
mm	mm			
255	154	42,00		

### 910/40

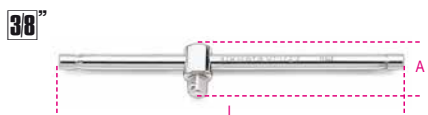
3/8" drive swivel T-handle



L	L1	€	3	009100850
mm	mm			
420	175	45,00		

### 910/42

3/8" drive sliding T-handle

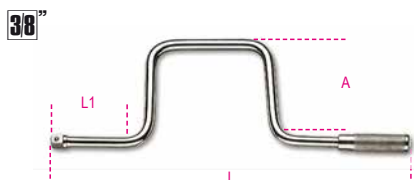


UNI/ISO 3315 DIN 3122

L	A	€	5	009100854
mm	mm			
210	30,5	14,30		

### 910/46

3/8" square drive with speed brace



UNI/ISO 3315 DIN 3122

L	L1	A	€	1	009100862
mm	mm	mm			
315	80	115	28,00		

### 910/55

3/8" drive reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009100882
mm	mm	mm			
200	30	33	51,00		

### 910/55Q

3/8" drive reversible ratchet 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009100885
mm	mm	mm			
200	30	33	51,00		

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8

### 910M/55

3/8" drive reversible ratchet  
with metal handle



DIN 3122 - UNI ISO 3315

L	Ø	A	€	2	009100875
mm	mm	mm			
178	30	26	70,00		

### 910M/56

3/8" drive reversible swivel ratchet  
with metal handle



L	Ø	A	€	2	009100887
mm	mm	mm			
265	31	29	95,50		

### 910/58

3/8" drive reversible ratchet  
with rotating handle,  
52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	€	1	009100884
mm	mm	mm			
222	37	38,5	78,50		

### 910.../C10

10 sockets and 2 accessories



910A/C10	164,50	1	009100909
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910A	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	
270x120x45 mm - 1,3 kg	

910B/C10	164,50	1	009100910
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910B	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	
270x120x45 mm - 1,3 kg	

### 910A/C16...

16 hexagon sockets and 5 accessories



910A/C16	266,00	1	009100936
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910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	
335x145x60 mm - 2,3 kg	

9899 910C16	13,20	1	098990134
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Thermoformed tray, empty

910A/C16Q	266,00	1	009100932
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910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55Q	
335x145x60 mm - 2,3 kg	

9899 910C16	13,20	1	098990134
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Thermoformed tray, empty



## 910B/C16...

16 bi-hex sockets and 5 accessories

38"



910B/C16 € 266,00 1 009100937

- 910B 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19  
21 - 22 mm
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42
  - 910/55
- 335x145x60 mm - 2,3 kg

9899 910C16 13,20 1 098990134  
Thermoformed tray, empty

910B/C16Q € 266,00 1 009100933

- 910B 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19  
21 - 22 mm
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42
  - 910/55Q
- 335x145x60 mm - 2,3 kg

9899 910C16 13,20 1 098990134  
Thermoformed tray, empty

## 910A/C17

17 hexagon sockets and 9 accessories

38"



910A/C17 € 398,00 1 009100938

- 910A 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19 - 20  
21 - 22 mm
  - 910/15 □ 3/8 - ■ 1/4
  - 910/16 □ 3/8 - ■ 1/2
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/36A
  - 910/42
  - 910/46
  - 910/55
- 420x280x60 mm - 4,0 kg

## 910.../C29

17 sockets, 12 socket drivers  
and 5 accessories

38"



910A/C29 € 456,00 1 009100944

- 910A 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19 - 20  
21 - 22 mm
  - 910LP 1x5,5 - 1,2x6,5 - 1,2x8 mm
  - ⊕ 910PH PH1 - PH2 - PH3
  - 910PE 3 - 4 - 5 - 6 - 8 - 10 mm
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42
  - 910/55
- 420x185x60 mm - 3,5 kg

910B/C29 € 456,00 1 009100945

- 910B 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19 - 20  
21 - 22 mm
  - 910LP 1x5,5 - 1,2x6,5 - 1,2x8 mm
  - ⊕ 910PH PH1 - PH2 - PH3
  - 910PE 3 - 4 - 5 - 6 - 8 - 10 mm
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42
  - 910/55
- 420x185x60 mm - 3,5 kg

## 910AS/C13...

13 bi-hex sockets and 5 accessories

38"



910AS/C13 € 268,00 1 009100925

- 910AS 1/4 - 5/16 - 11/32 - 3/8 - 7/16  
1/2 - 9/16 - 19/32 - 5/8 - 11/16  
3/4 - 13/16 - 7/8
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/42
  - 910/25
  - 910/55
- 335x145x60 mm - 2,3 kg

## 910AS/MBM-C18

13 bi-hex sockets and 5 accessories  
for aeronautical maintenance

38"



910AS/MBM-C18 € 280,00 1 009100926

- 910AS 1/4 - 5/16 - 11/32 - 3/8 - 7/16  
1/2 - 9/16 - 19/32 - 5/8 - 11/16  
3/4 - 13/16 - 7/8
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42
  - 910M/55
- 335x145x60 mm - 2,5 kg

## 910A/C16HR

16 hexagon sockets and 5 accessories

38"



910A/C16HR € 293,00 1 009100935

- 910A 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13  
14 - 15 - 16 - 17 - 18 - 19  
21 - 22 mm
  - 910/21 125 mm
  - 910/22 250 mm
  - 910/25
  - 910/42 210 mm
  - 910/58
- 335x145x60 mm - 2,4 kg



## 920A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📄
8	12,4	38	21,7	6,50	10	009200008
9	13,5	38	21,7	6,50	10	009200009
10	14,9	38	21,7	6,50	10	009200010
11	16,1	38	21,7	6,50	10	009200011
12	17,5	38	21,7	6,50	10	009200012
13	18,7	38	21,7	6,75	10	009200013
14	20,1	38	21,7	6,75	10	009200014
15	21,5	38	22,5	6,75	10	009200015
16	22,7	38	23,7	7,55	10	009200016
17	24,1	38	23,1	7,55	10	009200017
18	25,3	39	24,0	7,55	10	009200018
19	26,6	39	24,0	7,55	10	009200019
20	27,8	40	25,0	8,20	5	009200020
21	28,8	40	25,0	8,20	5	009200021
22	29,9	41	26,0	8,20	5	009200022
23	30,8	42	26,0	9,55	5	009200023
24	32,2	43	27,0	9,55	5	009200024
25	33,2	44	27,0	9,55	5	009200025
26	34,7	45	28,0	9,90	5	009200026
27	36,2	46	29,0	9,90	5	009200027
28	37,2	47	30,0	9,90	5	009200028
29	38,6	48	31,0	10,30	5	009200029
30	40,2	48	32,0	10,30	5	009200030
32	42,3	49	34,0	10,90	5	009200032



920A/SB13  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm

€ 113,00 1 009200040



920A/SB8  
23-24-25-26-27-28-30-32 mm

€ 92,50 1 009200042

## 920MC

hexagon hand sockets,  
coloured



Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📄
8	13,2	38	22	7,05	5	009202008
10	15,3	38	22	7,05	5	009202010
11	16,5	38	22	7,05	5	009202011
12	17,8	38	22	7,05	5	009202012
13	19,0	38	22	7,40	5	009202013
14	20,3	38	22	7,40	5	009202014
15	21,6	38	22	7,40	5	009202015
16	23,0	38	23	8,20	5	009202016
17	23,9	38	24	8,20	5	009202017
18	25,0	38	25	8,20	5	009202018
19	26,5	38	24	8,20	5	009202019
21	28,8	38	27	8,95	3	009202021
22	29,9	40	28	8,95	3	009202022
24	32,8	40	30	10,40	3	009202024

## 920B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📄
8	12,4	38	21,7	6,50	10	009200108
9	13,5	38	21,7	6,50	10	009200109
10	14,9	38	21,7	6,50	10	009200110
11	16,1	38	21,7	6,50	10	009200111
12	17,5	38	21,7	6,50	10	009200112
13	18,7	38	21,7	6,75	10	009200113
14	20,1	38	21,7	6,75	10	009200114
15	21,5	38	22,5	6,75	10	009200115
16	22,7	38	23,7	7,55	10	009200116
17	24,1	38	23,1	7,55	10	009200117
18	25,3	39	24,0	7,55	10	009200118
19	26,6	39	24,0	7,55	10	009200119
20	27,8	40	25,0	8,20	5	009200120
21	28,8	40	25,0	8,20	5	009200121
22	29,9	41	26,0	8,20	5	009200122
23	30,8	42	26,0	9,55	5	009200123
24	32,2	43	27,0	9,55	5	009200124
25	33,2	44	27,0	9,55	5	009200125
26	34,7	45	28,0	9,90	5	009200126
27	36,2	46	29,0	9,90	5	009200127
28	37,2	47	30,0	9,90	5	009200128
29	38,6	48	31,0	10,30	5	009200129
30	40,2	48	32,0	10,30	5	009200130
32	42,3	49	33,9	10,90	5	009200132



920B/SB13  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm

€ 113,00 1 009200140



920B/SB8  
23-24-25-26-27  
28-30-32 mm

€ 92,50 1 009200142

## 920AL

hexagon hand sockets,  
long series



UNI/ISO 2725 DIN 3124

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📄
10	14,7	77	21	17,70	5	009200626
12	17,8	77	21	17,70	5	009200627
13	19,0	77	22	17,70	5	009200628
14	20,3	77	22	17,70	5	009200629
15	21,5	77	22	17,70	5	009200630
16	22,8	77	22	19,00	5	009200631
17	24,0	77	23	19,00	5	009200632
18	25,0	77	24	20,00	5	009200633
19	26,5	77	25	20,00	5	009200634
21	29,0	77	27	22,20	5	009200635
22	30,0	77	28	22,20	5	009200636
23	31,5	77	29	22,20	5	009200637
24	32,8	77	30	25,50	5	009200638
27	36,5	77	33	26,50	3	009200639
30	40,0	77	36	32,00	3	009200640
32	42,8	77	38	32,50	3	009200641
36	48,0	77	41	52,50	3	009200642



920AL/SB11  
10-12-13-14-15-16  
17-18-19-21-22 mm

€ 227,50 1 009200644

## 920BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📄
10	14,7	77	21	17,70	5	009200310
12	17,8	77	21	17,70	5	009200312
13	19,0	77	22	17,70	5	009200313
14	20,3	77	22	17,70	5	009200314
15	21,5	77	22	17,70	5	009200315
16	22,8	77	22	19,00	5	009200316
17	24,0	77	23	19,00	5	009200317
18	25,0	77	24	20,00	5	009200318
19	26,5	77	25	20,00	5	009200319
21	29,0	77	27	22,20	5	009200321
22	30,0	77	28	22,20	5	009200322
23	31,5	77	29	22,20	5	009200323
24	32,8	77	30	25,50	5	009200324
27	36,5	77	33	26,50	3	009200327
30	40,0	77	36	32,00	3	009200330
32	42,8	77	38	32,50	3	009200332
36	48,0	77	41	52,50	3	009200336



920BL/SB11  
10-12-13-14-15-16-17-18  
19-21-22 mm

€ 227,50 1 009200338



## 920A/AS

hexagon hand sockets



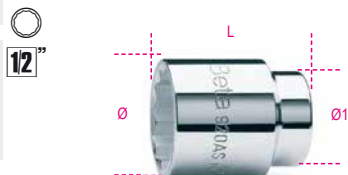
"	Ø mm	L mm	Ø1 mm	€	🔧	📦
3/8	14,6	37	21	7,60	2	009200270
7/16	16,5	37	21	7,60	3	009200272
1/2	19,0	37	22	7,85	3	009200273
9/16	20,3	37	22	7,85	3	009200274
19/32	21,0	37	22	8,45	3	009200275
5/8	22,8	37	22	8,45	3	009200276
11/16	25,0	37	24	8,70	3	009200277
3/4	26,5	38	25	8,70	3	009200279
25/32	28,0	38	26	9,75	3	009200280
13/16	29,0	38	27	9,75	3	009200281
7/8	30,0	40	28	9,75	3	009200282
15/16	32,8	42	30	10,40	3	009200284
1	35,0	42	32	10,40	3	009200285
1.1/16	36,5	43	33	11,40	2	009200287
1.1/8	39,0	43	35	11,80	2	009200289
1.3/16	41,0	46	36	12,70	2	009200290
1.1/4	42,8	46	38	12,90	2	009200292



**920A-AS/SB11** € 113,50 1 009200295  
 3/8-7/16-1/2-9/16-5/8  
 11/16-3/4-13/16-7/8  
 15/16-1

## 920AS

bi-hex hand sockets



"	Ø mm	L mm	Ø1 mm	€	🔧	📦
3/8	14,9	38	21,7	7,60	3	009200201
7/16	16,1	38	21,7	7,60	3	009200202
1/2	18,7	38	21,7	7,85	3	009200203
9/16	20,1	38	21,7	7,85	3	009200204
5/8	22,7	38	22,5	8,45	3	009200206
19/32	21,5	38	23,7	8,45	3	009200207
11/16	25,3	39	24,0	8,70	3	009200208
3/4	26,6	39	24,0	8,70	3	009200209
25/32	27,8	40	25,0	9,75	3	009200210
13/16	28,8	40	25,0	9,75	3	009200211
7/8	29,9	41	26,0	9,75	3	009200212
15/16	32,2	43	27,0	10,40	3	009200214
1	34,2	45	28,0	10,40	3	009200216
1.1/16	36,2	46	29,0	11,40	2	009200217
1.1/8	38,6	48	31,0	11,80	2	009200218
1.3/16	40,2	48	32,0	12,70	2	009200219
1.1/4	42,3	49	33,5	12,90	2	009200220



**920AS/SB11** € 113,50 1 009200225  
 3/8-7/16-1/2-9/16-5/8  
 11/16-3/4-13/16-7/8  
 15/16-1

## 920AS/L

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm	€	🔧	📦
1/2	19,0	77	22	24,40	2	009200352
9/16	20,3	77	22	24,40	2	009200353
5/8	22,8	77	22	24,40	2	009200355
11/16	25,0	77	24	26,00	2	009200357
3/4	26,5	77	25	26,50	2	009200358
13/16	29,0	77	27	31,50	2	009200360
7/8	30,0	77	28	31,50	2	009200361
15/16	32,8	77	30	32,50	2	009200362
1	35,0	77	32	33,50	2	009200363
1.1/16	36,5	77	33,0	36,50	2	009200364
1.1/8	37,8	77	34	37,50	2	009200365



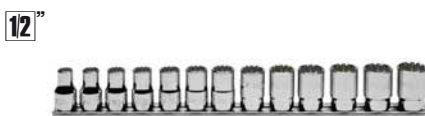
**920ASL/SB11** € 345,00 1 009200369  
 1/2-9/16-5/8-11/16  
 3/4-13/16-7/8-15/16  
 1-1.1/8-1.1/16

## 920U

gear lock hand sockets



"	mm	Ø	Ø1	L mm	€	🔧	📦
10	3/8	E12	M12	38	6,80	5	009201710
11	7/16	E14	M14	38	6,80	5	009201711
12	15/32	E16		38	6,80	5	009201712
13	1/2		M16	38	7,15	5	009201713
14	9/16	E18	M18	38	7,15	5	009201714
15	19/32			38	7,15	5	009201715
16	5/8	E20		38	7,90	5	009201716
17				38	7,90	5	009201717
18		E22		38	7,90	5	009201718
19	3/4	E24		38	7,90	5	009201719
20	25/32			38	8,75	3	009201720
21				38	8,75	3	009201721
22	7/8			38	8,75	3	009201722
24	15/16			38	10,00	3	009201724
27	1.1/16			42	10,50	3	009201727
30	1.1/8			44	11,10	3	009201730
32	1.1/4			44	11,50	3	009201732



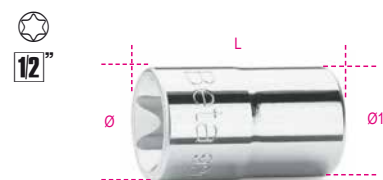
**920U/SB13** € 118,50 1 009201740  
 10-11-12-13-14-15-16  
 17-18-19-20-21-22 mm



**920U/SB4** € 51,00 1 009201744  
 24-27-30-32 mm

## 920FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm	€	🔧	📦
E10	13,2	36	21	10,70	5	009200380
E12	15,0	37	21	10,70	5	009200381
E14	16,3	37	21	10,70	5	009200382
E16	18,8	37	22	10,70	5	009200383
E18	20,4	37	22	10,70	5	009200384
E20	22,9	37	22	11,70	5	009200385
E22	25,0	37	24	13,50	3	009200387
E24	26,5	40	25	15,30	3	009200388



**920FTX/SB6** € 75,50 1 009200390  
 E10-E12-E14  
 E16-E18-E20



**920FTX/C8** € 128,50 1 009200391  
 E10-E12-E14-E16  
 E18-E20-E22-E24

270X120X45 mm - 1 kg

## 920FTX/L

hand sockets for Torx® head screws, long series



"	Ø mm	L mm	Ø1 mm	€	🔧	📦
E10	13,2	77	21,0	22,50	5	009200400
E12	15,0	77	21,0	22,50	5	009200401
E14	16,3	77	21,0	22,50	5	009200402
E16	18,8	77	21,8	22,50	3	009200403
E18	20,4	77	21,8	22,50	3	009200404
E20	22,9	77	22,0	22,50	3	009200405



**920FTX-LSB6** € 145,50 1 009200409  
 E10-E12-E14  
 E16-E18-E20



## 920LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm	€	🔧	📦
1x5,5	22,5	62	24	17,50	3	009200452
1,2x6,5	22,5	62	24	17,50	3	009200453
1,2x8	22,5	62	24	17,50	3	009200454
1,6x9	22,5	62	24	17,50	3	009200456
2x12	22,5	62	24	17,50	3	009200458

## 920PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm	€	🔧	📦
1	22,5	56	18	15,40	3	009200471
2	22,5	56	18	15,40	3	009200472
3	22,5	56	18	15,40	3	009200473
4	22,5	56	18	15,40	3	009200474



920PH/SB4	€	🔧	📦
PH1-PH2-PH3-PH4	69,50	1	009200479

## 920LH/SB7

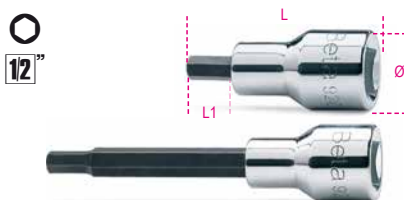
socket drivers for cross head Phillips® screws



920LH/SB7	€	🔧	📦
920LP 1,2x6,5 - 1,2x8 1,6x9 - 2x12 mm 920PH PH2 - PH3 - PH4	127,50	1	009200478

## 920PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm	€	🔧	📦
3	22,5	58	20	14,00	5	009200410
4	22,5	58	20	14,00	5	009200412
5	22,5	58	20	14,00	5	009200414

mm	Ø mm	L mm	L1 mm	€	🔧	📦
5L	22,5	100	62	15,30	5	009200415
6	22,5	58	20	14,00	5	009200417
6L	22,5	100	62	15,30	5	009200418
7	22,5	58	20	14,00	5	009200420
7L	22,5	100	62	15,30	5	009200421
8	22,5	58	20	14,00	5	009200423
8L	22,5	100	62	15,30	5	009200424
9	22,5	58	20	14,00	5	009200425
9L	22,5	140	102	16,10	5	009200426
10	22,5	58	20	14,00	5	009200428
10L	22,5	140	102	16,10	5	009200429
12	23,0	58	20	16,30	5	009200432
12L	22,5	140	102	18,60	5	009200433
14	23,0	58	20	16,30	5	009200434
14L	22,5	140	102	18,60	5	009200435
17	29,5	60	22	19,90	5	009200437
19	29,5	60	22	19,90	5	009200439



920PE/SB9	€	🔧	📦
4-5-6-8-10 mm 5L-6L-8L-10L mm	145,50	1	009200441



920PE/C10	€	🔧	📦
4-5-6-7-8-10 12-14-17-19 mm	191,00	1	009200443

270X120X45 mm - 1,5 kg

9899 920PE/C10	€	🔧	📦
Thermoformed tray, empty	13,20	1	098990135

## 920PE/AS

socket drivers for hexagon screws



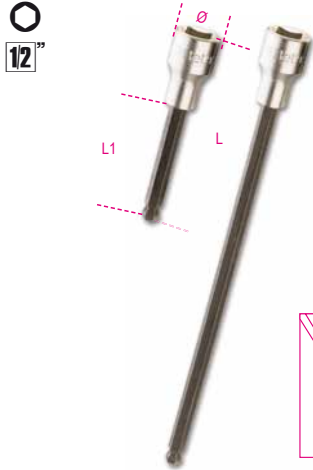
"	Ø mm	L mm	L1 mm	€	🔧	📦
1/8	22,5	58	20	16,40	2	009200460
3/16	22,5	58	20	16,40	2	009200461
1/4	22,5	58	20	16,40	2	009200463
3/8	22,5	58	20	16,40	2	009200464
1/2	22,5	60	20	17,90	2	009200465
3/4	22,5	60	20	19,20	1	009200468



920PE-AS/SB6	€	🔧	📦
1/8-3/16-1/4-3/8-1/2-3/4	113,00	1	009200469

## 920BP

ball head socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	€	🔧	📦
5L	22,5	100	62	17,60	5	009200490
5XL	22,5	240	202	22,60	1	009200495
6L	22,5	100	62	17,60	5	009200491
6XL	22,5	240	202	22,60	1	009200496
7L	22,5	100	62	17,60	5	009200492
8L	22,5	100	62	17,60	5	009200493
8XL	22,5	240	202	22,60	1	009200497
10L	22,5	140	102	19,20	5	009200494



920BP/SB8	€	🔧	📦
5L-6L-7L-8L-10L mm 5XL-6XL-8XL mm	170,50	1	009200500

## 920ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	€	🔧	📦
5	21	75	15,5	16,40	5	009200505
6	21	75	15,5	16,40	5	009200506
7	21	75	15,5	16,40	5	009200507
8	21	75	15,5	16,40	5	009200508
10	23	75	15,5	17,10	5	009200510
12	24	75	15,5	19,70	5	009200512
14	24	75	15,5	20,30	5	009200514
17	24	75	15,5	20,30	5	009200517



920ME/SB7	€	🔧	📦
5-6-8-10-12-14-17 mm	138,00	1	009200519

12



**920ME/C7** € 156,50 1 009200518  
5-6-8-10-12-14-17 mm  
250X100X35 mm - 1,4 kg

**920TX**  
socket drivers for Torx® head screws

12



	Ø mm	L mm	L1 mm	€		
T20	22,5	58	20	17,10	5	009200520
T20L	22,5	120	82	21,90	3	009200530
T25	22,5	58	20	17,10	5	009200521
T25L	22,5	120	82	21,90	3	009200531
T27	22,5	58	20	17,10	5	009200522
T27L	22,5	120	82	21,90	3	009200533
T30	22,5	58	20	17,10	5	009200523
T30L	22,5	120	82	21,90	3	009200534
T40	22,5	58	20	17,10	5	009200524
T40L	22,5	120	82	21,90	3	009200535
T45	22,5	58	20	17,10	5	009200525
T45L	22,5	120	82	21,90	3	009200537
T50	22,5	58	20	17,10	5	009200526
T50L	23,0	140	102	21,90	3	009200538
T55	23,0	58	20	22,90	3	009200527
T55L	23,0	140	102	31,00	3	009200539
T60	23,0	58	20	22,90	3	009200528
T60L	23,0	140	102	31,00	3	009200540
T70L	23,0	120	82	31,00	3	009200541

12



**920TX-SB9** € 179,00 1 009200532  
T20-T25-T27-T30  
T40-T45-T50-T55-T60



**920TX-L/SB10** € 262,00 1 009200545  
T20L-T25L-T27L-T30L-T40L-  
T45L-T50L-T55L-T60L-T70L

12



**920TX/C9** € 200,00 1 009200546  
T20-T25-T27-T30-T40  
T45-T50-T55-T60  
270X120X45 mm - 1,2 kg

**9899 920TX/C9** € 13,20 1 098990136  
Thermoformed tray, empty

**920RTX**  
socket drivers  
for Tamper Resistant Torx® head screws

12



	Ø mm	L mm	L1 mm	€		
T20	22,5	58	20	18,30	5	009200370
T25	22,5	58	20	18,30	5	009200371
T27	22,5	58	20	18,30	5	009200372
T30	22,5	58	20	18,30	5	009200373
T40	22,5	58	20	18,30	5	009200374

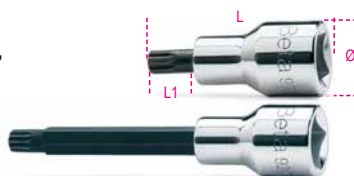
12



**920RTX/SB5** € 100,50 1 009200378  
T20-T25-T27-T30-T40

**920XZN**  
socket drivers with XZN® profile

12



DIN 2324

	Ø mm	L mm	L1 mm	€		
M4	22,5	58	20	18,40	3	009200559
M5	22,5	58	20	18,40	3	009200560
M6	22,5	58	20	18,40	3	009200561
M6L	22,5	100	62	21,00	3	009200562
M8	22,5	58	20	18,40	3	009200563
M8L	22,5	100	62	21,00	3	009200564
M9	22,5	58	20	18,40	3	009200582
M9L	22,5	100	62	21,00	3	009200583
M10	22,5	58	20	18,60	3	009200565
M10L	22,5	100	62	21,00	3	009200566
M12	22,5	58	20	19,20	3	009200568
M12L	22,5	100	62	21,50	3	009200569
M14	23,0	58	20	19,20	3	009200571
M14L	23,0	100	62	21,50	3	009200572
M16	23,0	58	20	23,90	3	009200573
M18	23,0	58	20	24,40	3	009200574

12



**920XZN/SB7** € 142,00 1 009200579  
M4-M5-M6-M8  
M10-M12-M14

12



**920XZN/SB12** € 260,00 1 009200577  
M5-M6-M8-M10-M12  
M14-M16-M6L-M8L  
M10L-M12L-M14L

12



**920XZN-L/S5** € 106,00 1 009200578  
M6L-M8L-M10L  
M12L-M14L

**920ES**  
special form socket drivers

12



UNI 9326

Ø mm		L mm	L1 mm	€		
7	(6R)	58	20	25,50	5	009200587
7XL	(6R)	240	202	36,00	1	009200607
9	(8R)	58	20	25,50	5	009200589
9XL	(8R)	240	202	36,00	1	009200609
10	(8S)	58	20	25,50	5	009200590
10XL	(8S)	240	202	36,00	1	009200610
11	(10R)	58	20	25,50	5	009200591
11XL	(10R)	240	202	36,00	1	009200611
12L	(10S)	100	62	29,00	3	009200592
12XL	(10S)	240	202	39,50	1	009200612
14L	(12S)	100	62	29,00	3	009200594
14XL	(12S)	240	202	39,50	1	009200614
16L	(14R)	100	62	29,00	3	009200596
16XL	(14R)	240	202	39,50	1	009200616

12



**920ES/SB7** € 200,50 1 009200598  
7-9-10-11-12L-14L-16L

12



**920ES-XL/SB7** € 274,00 1 009200618  
7XL-9XL-10XL-11XL  
12XL-14XL-16XL

**PM 1/2-Q5**  
12



**PM 1/2-Q5** € 72,519

### 920/15

adaptor, 1/2" female and 3/8" male drives



UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm	€	🔧	📄
42	1/2	3/8	22,0	11,00	5	009200810

**!** Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

### 920/16

adaptor, 1/2" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm	€	🔧	📄
46	1/2	3/4	26	14,40	5	009200814

### 920/20÷920/23

1/2" drive extension bars

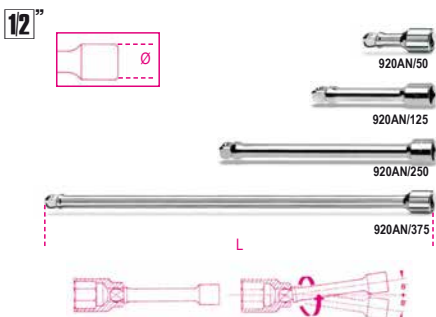


UNI/ISO 3316 DIN 3123

	L mm	Ø mm	€	🔧	📄
920/20	75	22	13,40	5	009200818
920/21	125	22	16,40	5	009200822
920/22	255	22	18,60	5	009200826
920/23	375	22	24,90	2	009200827

### 920AN

1/2" wobble extension bars



	L mm	Ø mm	€	🔧	📄
920AN/50	50	22	14,40	5	009200833
920AN/125	125	22	19,80	5	009200834
920AN/250	250	22	28,00	3	009200835
920AN/375	375	22	37,00	3	009200836

### 920/25

1/2" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm	€	🔧	📄
75	27	26,00	5	009200830

### 920/35A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm	€	🔧	📄
285	160	52,00	3	009200846

### 920M/35

1/2" swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm	€	🔧	📄
380	74,50	2	009200845

### 920M/35L

1/2" swivel drive with metal handle, long series



L mm	€	🔧	📄
600	112,50	1	009200843

**!** Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

### 920/36A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm	€	🔧	📄
408	283	58,50	2	009200847

### 920/38

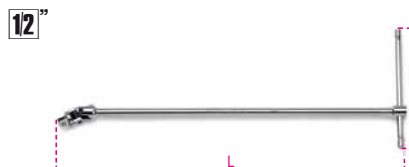
1/2" extension drive swivel handle



L mm	L max mm	€	🔧	📄
262	402	88,50	1	009200839

### 920/40

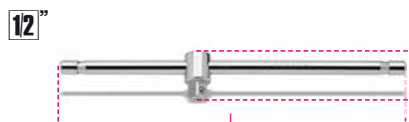
1/2" drive swivel T-handle



L mm	L1 mm	€	🔧	📄
490	230	61,00	2	009200850

### 920/42

1/2" drive sliding T handle



UNI/ISO 3315 DIN 3122

L mm	A mm	€	🔧	📄
305	42	18,40	5	009200854

### 920/44

1/2" drive offset handle

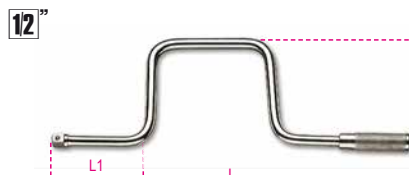


UNI/ISO 3315 DIN 3122

L mm	L1 mm	€	🔧	📄
230	60	27,00	3	009200858

### 920/46

1/2" drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm	€	🔧	📄
385	110	160	33,50	1	009200862



### 920/50

1/2" push-through drive ratchet,  
72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009200871
mm	mm	mm			
275	40	42	58,00		

### 920/50F

1/2" female square drive ratchet,  
72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	2	009200889
mm	mm	mm			
275	40	27	53,50		

### 920/55

1/2" drive reversible ratchet,  
72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009200882
mm	mm	mm			
275	40	43	62,00		

### 920/55Q

1/2" drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009200885
mm	mm	mm			
275	40	43	62,00		

### 920/55X

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L	Ø	A	€	3	009200895
mm	mm	mm			
200	30	33	53,00		

### 920/55LC

1/2" drive reversible ratchet  
"Locking System", 72 teeth

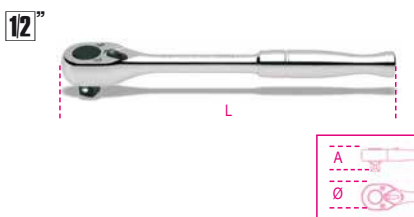


UNI/ISO 3315 DIN 3122

L	Ø	A	€	2	009200896
mm	mm	mm			
275	40	43	72,00		

### 920M/55

1/2" drive reversible ratchet  
with metal handle



L	Ø	A	€	1	009200893
mm	mm	mm			
253	38	35	80,00		

### 920/56A

1/2" drive swivel reversible ratchet,  
72 teeth



L	Ø	A	€	1	009200911
mm	mm	mm			
315	40	43	102,00		

### 920M/56

1/2" drive reversible swivel ratchet  
with metal handle



L	Ø	A	€	2	009200894
mm	mm	mm			
330	38	35,7	106,50		

### 920/58

1/2" drive reversible ratchet  
with rotating handle,  
52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	€	1	009200926
mm	mm	mm			
281	42,5	45	93,50		

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8



## 920.../C11

11 sockets and 2 accessories

12"



920A/C11 € 196,50 1 009200921

- 920A 10 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 21 - 22 mm
  - 920/22 255 mm
  - 920/50
- ≡ 335x145x60 mm - 2,5 kg

920B/C11 € 196,50 1 009200922

- 920B 10 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 21 - 22 mm
  - 920/22 255 mm
  - 920/50
- ≡ 335x145x60 mm - 2,5 kg

## 920.../C12...

12 sockets and 5 accessories

12"



920A/C12X € 287,00 1 009200933

- 920A 10 - 11 - 12 - 13 - 14 - 17 - 19  
22 - 24 - 27 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55
- ≡ 420x185x60 mm - 4,2 kg

9899 920C12 13,20 1 098990116  
Thermoformed tray, empty

920A/C12 € 283,00 1 009200931

- 920A 10 - 11 - 12 - 13 - 14 - 17 - 19  
22 - 24 - 27 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/50
- ≡ 420x185x60 mm - 4,2 kg

9899 920C12 13,20 1 098990116  
Thermoformed tray, empty

920B/C12X € 287,00 1 009200934

- 920B 10 - 11 - 12 - 13 - 14 - 17 - 19  
22 - 24 - 27 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55

≡ 420x185x60 mm - 4,0 kg

9899 920C12 13,20 1 098990116  
Thermoformed tray, empty

920B/C12 € 283,00 1 009200932

- 920B 10 - 11 - 12 - 13 - 14 - 17 - 19  
22 - 24 - 27 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/50

≡ 420x185x60 mm - 4,0 kg

9899 920C12 13,20 1 098990116  
Thermoformed tray, empty

## 920MC/C14

14 coloured hexagon hand sockets  
and 5 accessories

12"



920MC/C14 € 302,00 1 009202964

- 920MC 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17  
- 18 - 19 - 21 - 22 - 24 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55

≡ 420x185x60 mm - 4,2 kg

## 920.../C20...

20 sockets and 5 accessories

12"



920A/C20X € 355,00 1 009200950

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55

≡ 420x185x60 mm - 5,1 kg

9899 920C20 13,20 1 098990121  
Thermoformed tray, empty

920A/C20 € 351,00 1 009200948

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/50

≡ 420x185x60 mm - 5,1 kg

9899 920C20 13,20 1 098990121  
Thermoformed tray, empty

920A/C20Q € 355,00 1 009200955

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55Q

≡ 420x185x60 mm - 5,1 kg

9899 920C20 13,20 1 098990121  
Thermoformed tray, empty

920B/C20 € 351,00 1 009200949

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/50

≡ 420x185x60 mm - 5,0 kg

9899 920C20 13,20 1 098990121  
Thermoformed tray, empty



<b>920B/C20X</b>	€ 355,00	1	009200951
<b>920B</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/55</b>			
420x185x60 mm - 5,0 kg			

<b>9899 920C20</b>	€ 13,20	1	098990121
Thermoformed tray, empty			

## 920.../C21...

21 sockets and 6 accessories

12"



<b>920A/C21</b>	€ 408,00	1	009200952
<b>920A</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 25 - 26 - 27 - 28 - 30 - 32 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/46</b>			
<b>920/50</b>			
420x280x60 mm - 6,5 kg			

<b>920A/C21X</b>	€ 412,00	1	009200983
<b>920A</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 25 - 26 - 27 - 28 - 30 - 32 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/46</b>			
<b>920/55</b>			
420x280x60 mm - 6,4 kg			

<b>920B/C21</b>	€ 408,00	1	009200953
<b>920B</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 25 - 26 - 27 - 28 - 30 - 32 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/46</b>			
<b>920/50</b>			
420x280x60 mm - 6,4 kg			

<b>920B/C21X</b>	€ 412,00	1	009200984
<b>920B</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 25 - 26 - 27 - 28 - 30 - 32 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/46</b>			
<b>920/55</b>			
420x280x60 mm - 6,4 kg			

## 920B/C30Q

30 bi-hex sockets and 5 accessories

12"



<b>920B/C30Q</b>	€ 582,00	1	009200975
<b>920B</b>	8 - 9 - 10 - 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 22 - 23 - 24 - 26 - 27 - 30 mm		
<b>920BL</b>	12 - 13 - 14 - 17 - 19 - 21 22 - 24 - 27 - 30 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/55Q</b>			
420x280x60 mm - 7,6 kg			



## 920.../C33

20 sockets, 13 socket drivers and 5 accessories

12"



<b>920A/C33</b>	€ 571,00	1	009200985
<b>920A</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm		
<b>920LP</b>	1,2x8 - 1,6x9 - 2x12 mm		
<b>920PH</b>	PH2 - PH3 - PH4		
<b>920PE</b>	4 - 5 - 6 - 8 - 10 - 12 - 14 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/55</b>			
420x280x60 mm - 6,7 kg			

<b>920B/C33</b>	€ 571,00	1	009200986
<b>920B</b>	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm		
<b>920LP</b>	1,2x8 - 1,6x9 - 2x12 mm		
<b>920PH</b>	PH2 - PH3 - PH4		
<b>920PE</b>	4 - 5 - 6 - 8 - 10 - 12 - 14 mm		
<b>920/21</b>	125 mm		
<b>920/22</b>	255 mm		
<b>920/25</b>			
<b>920/42</b>			
<b>920/55</b>			
420x280x60 mm - 6,7 kg			



## 920A/C17M - 920A/C17MR

Assortment of 17 hexagon sockets and 5 accessories in foam tray, in metal case

12"



920A/C17M € 326,00 1 009200924

	920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/55	

420x185x60 mm - 5 kg

9899 920C17 24,40 1 098990137  
Soft module, empty

920A/C17MR € 357,00 1 009200937

	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/58	

420x185x60 mm 5,1 kg

## 920/C37

37 bi-hex sockets and 5 accessories

12"



920/C37 € 533,00 1 009200988

	920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
	920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 5/8 - 11/16 - 3/4 - 25/32 - 13/16 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x280x60 mm - 7,5 kg

## 920AS/C10

10 bi-hex sockets and 2 accessories

12"



920AS/C10 € 203,00 1 009200919

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 11/16 - 3/4 - 13/16 - 7/8 - 15/16
	920/22	255 mm
	920/50	

335x145x60 mm - 2,6 kg

## 920AS/C15

15 bi-hex sockets and 6 accessories

12"



920AS/C15 € 380,00 1 009200947

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 3/4 - 13/16 - 7/8 - 15/16 - 1 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/46	
	920/50	

420x280x60 mm - 5,9 kg



## 920AS/C17X

17 bi-hex sockets and 5 accessories

12"



920AS/C17X € 354,00 1 009200942

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 11/16 - 3/4 - 25/32 - 13/16 - 7/8 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x185x60 mm - 4,8 kg

## 920AS/MBM-C21

16 bi-hex sockets and 5 accessories for aeronautical maintenance

12"



920AS/MBM-C21 € 361,00 1 009200944

	920AS	3/8 - 7/16 - 1/2 - 9/16 19/32 - 5/8 - 11/16 - 3/4 25/32 - 13/16 - 7/8 - 15/16 1 - 1.1/16 - 1.3/16 - 1.1/4
	920M/55	
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	

420x185x60 mm - 5,0 kg



## 920TX/C17

6 bits, 6 sockets, 5 socket drivers and 4 accessories for Torx® head screws



920TX/C17 € 332,00 1 009200989

- 861TX T8 - T10 - T15 - T20 - T25 - T27
  - 897
  - 920TX T27 - T30 - T40 - T45 - T50
  - 920FTX E10 - E12 - E14 - E16 - E18 - E20
  - 920/20 75 mm
  - 920/22 255 mm
  - 920/55
- 420x185x60 mm - 2,9 kg

## 920A/C17HR

17 hexagon sockets and 5 accessories in hard foam tray, in metal case

• ratchet with rotating handle



920A/C17HR € 365,00 1 009200939

- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/58
- 420x185x60 mm - 5,1 kg

## 920U/C17M

17 gear lock hand sockets and 5 accessories, in soft foam tray



920U/C17M € 333,00 1 009201797

- 920U ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm \* 3/8-7/16-15/32-1/2-9/16-19/32-5/8-3/4 25/32-7/8-15/16-1.1/16-1.1/8-1.1/4 ○ M12-M14-M16-M18 ○ E12-E14-E16-E18-E20-E22-E24
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42 305 mm
  - 920/55 275 mm
- 420x185x60 mm - 5 kg

9899 920C17 € 24,40 1 098990137  
Soft module, empty

## 928A

hexagon hand sockets



UNI/ISO 2725  
DIN 3124

mm	Ø mm	L mm	Ø1 mm	€	U	PC
19	29,2	50	34	16,70	5	009280019
21	30,0	51	34	17,00	5	009280021
22	31,3	53	34	17,00	5	009280022
23	33,3	53	34	17,30	5	009280023
24	34,5	53	34	17,60	5	009280024
26	36,8	55	35	18,80	5	009280026
27	38,0	56	35	18,80	5	009280027
28	39,0	57	35	20,00	3	009280028
29	40,2	58	35	20,40	3	009280029
30	41,5	58	37	20,90	3	009280030
32	44,3	60	37	21,70	3	009280032
33	45,8	60	37	22,80	3	009280033
34	46,8	60	37	23,30	3	009280034
35	48,1	62	38	23,90	3	009280035
36	49,5	64	38	23,90	3	009280036
38	52,0	68	40	26,00	3	009280038
41	56,0	71	40	29,00	3	009280041
46	62,3	75	43	35,50	3	009280046
50	67,4	80	43	43,00	3	009280050
55	73,7	84	48	53,00	1	009280055
60	80,0	87	48	61,00	1	009280060

## 928B

bi-hex hand sockets



UNI/ISO 2725  
DIN 3124

mm	Ø mm	L mm	Ø1 mm	€	U	PC
19	29,2	50	34	16,70	5	009280119
21	30,0	51	34	17,00	5	009280121
22	31,3	53	34	17,00	5	009280122
23	33,3	53	34	17,30	5	009280123
24	34,5	53	34	17,60	5	009280124
26	36,8	55	35	18,80	5	009280126
27	38,0	56	35	18,80	5	009280127
28	39,0	57	35	20,00	3	009280128
29	40,2	58	35	20,40	3	009280129
30	41,5	58	37	20,90	3	009280130
32	44,3	60	37	21,70	3	009280132
33	45,8	60	37	22,80	3	009280133
34	46,8	60	37	23,30	3	009280134
35	48,1	62	38	23,90	3	009280135
36	49,5	64	38	23,90	3	009280136
38	52,0	68	40	26,00	3	009280138
41	56,0	71	40	29,00	3	009280141
46	62,3	75	43	35,50	3	009280146
50	67,4	80	43	43,00	3	009280150
55	73,7	84	48	53,00	1	009280155
60	80,0	87	48	61,00	1	009280160

## 928AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm	€	U	PC
7/8	32,0	53	34	19,20	1	009280202
15/16	34,5	53	34	19,20	1	009280203
1	36,2	55	35	20,30	1	009280204
1.1/16	38,0	56	35	21,00	1	009280205
1.1/8	40,2	58	35	21,50	1	009280206
1.1/4	44,2	60	37	23,30	1	009280208
1.5/16	45,8	60	37	24,40	1	009280209
1.3/8	48,1	62	38	25,50	1	009280210
1.7/16	49,5	64	38	26,50	1	009280211
1.1/2	52,0	68	40	29,00	1	009280212
1.5/8	56,0	71	40	31,50	1	009280214
1.11/16	58,8	74	40	36,00	1	009280215
1.13/16	62,3	75	43	40,50	1	009280217
1.7/8	65,0	78	43	43,50	1	009280218
2	68,3	80	43	50,00	1	009280219
2.1/16	71,5	83	48	58,00	1	009280220

## 928ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm	€	U	PC
14	35	75	15,5	39,00	2	009280514
17	35	75	15,5	39,00	2	009280517
19	35	75	15,5	39,00	2	009280519
22	35	75	22,5	39,00	2	009280522

## 928/15

adaptor, 3/4" female and 1/2" male drives



UNI/ISO 3316  
DIN 3123

L mm	Ø mm	□	■	€	🔧	📦
51,5	34	3/4	1/2	20,30	5	009280801



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 928/16

adaptor, 3/4" female and 1" male drives

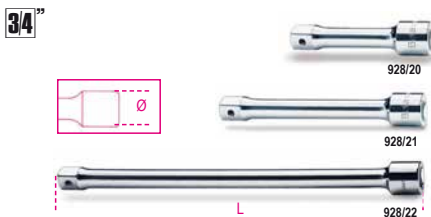


UNI/ISO 3316  
DIN 3123

L mm	Ø mm	□	■	€	🔧	📦
65	34	3/4	1"	24,40	5	009280807

## 928/20 - 928/21 - 928/22

3/4" drive extension bars



UNI/ISO 3316  
DIN 3123

	L mm	Ø mm	€	🔧	📦
928/20	100	34	23,90	3	009280810
928/21	200	34	32,00	3	009280815
928/22	380	34	47,00	3	009280825

## 928/25

3/4" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm	€	🔧	📦
108	40	80,50	1	009280830

## 928/36A

3/4" drive swivel handle

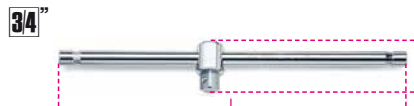


DIN 3122 - UNI ISO 3315

L mm	€	🔧	📦
545	96,50	1	009280844

## 928/42

3/4" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm	€	🔧	📦
450	62,5	51,00	3	009280850

## 928/55

3/4" drive reversible ratchet, 72 teeth



DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm	€	🔧	📦
510	58	59	163,50	2	009280862

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8

## 928.../C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



928A/C12	€	🔧	📦
928A	867,00	1	009280955

928A	22 - 24 - 27 - 30 - 32 - 34 - 36	
928/21	200 mm	
928/22	380 mm	
928/25		
928/42		
928/55		

530x220x80 mm - 13,5 kg

928B/C12	€	🔧	📦
928B	867,00	1	009280957

928B	22 - 24 - 27 - 30 - 32 - 34 - 36	
928/21	38 - 41 - 46 - 50 - 55 mm	
928/22	200 mm	
928/25	380 mm	
928/42		
928/55		

530x220x80 mm - 13,5 kg

## 928AS/C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



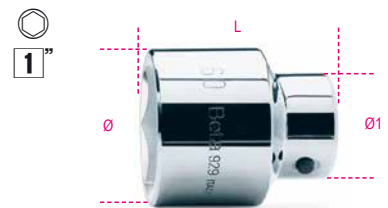
928AS/C12	€	🔧	📦
928AS	899,00	1	009280968

928AS	7/8-15/16-1.1/16-1.1/8-1.1/4	
928/21	1.5/16-1.7/16-1.1/2-1.11/16	
928/22	1.13/16-1.7/8-2.1/16	
928/21	200 mm	
928/22	380 mm	
928/25		
928/42		
928/55		

530x220x80 mm - 13,5 kg

## 929

hexagon hand sockets



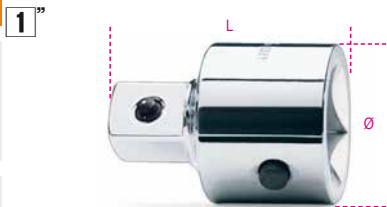
UNI/ISO 2725 DIN 3124

Ø mm	Ø mm	L mm	Ø1 mm	€	🔧	📦
36	51	65	48	35,50	1	009290036
41	57	70	48	37,50	1	009290041
46	65	75	48	42,00	1	009290046
50	70	80	48	48,50	1	009290050
55	76	85	54	57,00	1	009290055
60	82	90	54	61,00	1	009290060
65	88	95	54	78,50	1	009290065
70	92	100	60	94,00	1	009290070
75	99	110	60	102,00	1	009290075
80	106	120	60	117,00	1	009290080



## 929/15

adaptor, 1" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

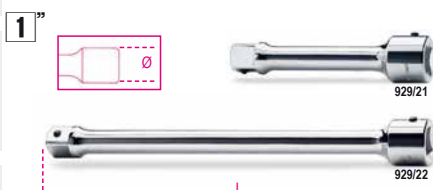
L mm	Ø mm	□	■	€	📦	📄
65	47	1"	3/4"	42,00	2	009290801



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 929/21 - 929/22

1" drive extension bars



UNI/ISO 3316 DIN 3123

	L mm	Ø mm	€	📦	📄
929/21	200	47	54,00	1	009290815
929/22	400	47	78,50	1	009290825

## 929/42

1" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	€	📦	📄
535	101,00	1	009290850

## 929/55

1" reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	€	📦	📄
770	62	63	217,50	1	009290860

## 929/55PR

extension bars for ratchets 929/55



L mm	Ø mm	Ø1 mm	€	📦	📄
540	32	26	46,50	1	009290868

## 929/C8

8 hexagon sockets and 5 accessories



929/C8	€	📦	📄
	1.270,00	1	009290925

📦	○ 929	46 - 50 - 55 - 60 - 65 70 - 75 - 80 mm
📦	929/15	□ 1" - ■ 3/4"
📦	929/21	200 mm
📦	929/22	400 mm
📦	929/42	
📦	929/55	

📦 560x290x120 mm - 📦 29 kg

## 9899 CV/A

empty case



9899 CV/A	€	📦	📄
583/C31-671B/C5-671B/C10-720ME/C8-860/C38P 861/C61P-900/C11-900AS/C10-/MB-C17-900/C24 900/C13-8-900/C13-5-900MB/C19-900MB/C28 900/C11HR-900AS/C10-/MB-C17-900AS/C17 MBM-900/C11Z-900MC/C24-900MC/C32-910.../C10 971/C8-920TX/C-920PE/C-920FTX/C-910.../C10	34,50	1	098990001

📦 270x120x45 mm

## 9899 CV/B

empty case



9899 CV/B	€	📦	📄
352C/U-720MC/C13-727/C16-867/C20 900/C12MR-900/C12M-900U/C12M-910AS/C13... 910AS/MBM-C18-910A/C16...-910B/C16... 910A/C16HR-910A/C16...-910B/C16...-920AS/C10 920.../C11-1433/C11-1494/C14A-1529-1545/C5M	40,00	1	098990002

📦 335x145x60 mm

## 9899 CV/C

empty case



9899 CV/C	€	📦	📄
920A/C17HR-920A/C17MR-920.../C12... 920A/C17M-910.../C29-902A/C22-867/C38 720/C24-450/C15-353N/C6-960KPC-920MC/C14 920U/C17M-920TX/C17-920...-920AS/MBM C21-920AS/C17X-1547/C6-1495/C6-1489/C14 1461/C11A-1608/C9-1606A/C9-1602/C9	49,00	1	098990003

📦 420x185x60 mm

## 900/R55



900/R55	€	📦	📄
666N/2-900/55-666/2	35,50	1	009000871

## 900/R55-Z



900/R55-Z	€	📦	📄
	35,50	1	009000872

## 900M/R55



900M/R55	€	📦	📄
900M/55	18,60	1	009000888

## 910/R55

38"  
7/2



€ 34,50 1 009100879

**910/R55**  
599DGT/6-606/6-606/10-612  
665/6-665/10-665LB/6-665LB/10  
666N/5-666N/10-666N LBF.IN/5-  
666N LBF.IN/10  
666/6-666/10-668RGC/6-  
668RGC/10-910/55  
666/5-666HS/5-666HS/10-666 LBF.FT/2  
666 LBF.FT/5-666 LBF.FT/10

## 910M/R55

38"



€ 19,20 1 009100888  
**910M/R55**  
910M/55-910M/56

## 910/R55Q

38"  
4/3



€ 34,50 1 009100877  
**910/R55Q**  
910/55Q

## 910/R55X

38"  
4/3



€ 34,50 1 009100897  
**910/R55X**  
666N/2X-666/2X-666 LBF.FT/2X

## 920/R50

12"  
7/2



€ 34,00 1 009200866  
**920/R50**  
614/50-667/20-667/30  
667N/20-667N/30-920/50

## 920/R55

12"  
7/2



€ 41,50 1 009200879  
**920/R55**  
606/20-606/30-666/20-666/30-920/55  
920/56A- 599DGT/20-599DGT/30  
599DGT-AN/20-665/20-665/30-665LB/20  
665LB/30-666N/20-666N/30  
666N LBF.IN/20-666N LBF.IN/30-668RGC/20  
666 LBF.FT/20-666 LBF.FT/30

## 920M/R55

12"



€ 21,50 1 009200888  
**920M/R55**  
920M/55-920M/56

## 920/R55Q

12"

7/2



€ 41,50 1 009200877  
**920/R55Q**  
920/55Q

## 920/R55X

12"

7/2



€ 34,00 1 009200878  
**920/R55X**  
606/10X-612X  
666/10X-920/55X-599DGT/10X-599DGT-  
AN/10  
665/10X-665LB/10X-666N10X-  
666N LBF.IN/10X  
668RGC/10X-666 LBF.FT/10X  
666HS/20LC-666HS/30LC

## 920/R55LC

12"

7/2



€ 43,50 1 009200887  
**920/R55LC**  
920/55LC "Locking System"

## 928/R55

34"

7/2



€ 69,00 1 009280859  
**928/R55**  
928/55

## 928/R55X

34"

7/2



€ 44,00 1 009280858  
**928/R55X**  
614X

## 929/R55

1"

7/2



€ 79,50 1 009290859  
**929/R55**  
929/55

## 930

double ended bi-hex tubular socket wrenches,  
heavy series



UNI 6745

Ø	L	Ø	Ø1	€		
mm	mm	mm	mm			
6x7	100	9,5	11,0	13,90	3	009300006
8x9	108	12,5	14,0	17,50	3	009300010
10x11	116	15,0	16,5	18,30	3	009300014
12x13	124	17,5	19,0	21,50	3	009300018
14x15	132	20,0	21,5	23,40	3	009300023
16x17	140	23,0	24,0	27,00	3	009300027
18x19	148	25,0	26,5	30,00	3	009300032
20x22	156	28,0	30,0	33,00	2	009300036
21x23	163	29,0	31,5	35,00	2	009300040
24x26	173	33,0	35,5	44,50	2	009300044
25x28	182	34,5	38,0	48,00	2	009300048
27x29	191	37,0	39,5	55,00	2	009300052
30x32	200	40,5	43,0	66,50	2	009300056



€ 198,50 1 009300081  
**930/S8**

6x7-8x9-10x11  
12x13-14x15-16x17  
18x19-20x22 mm

940/1 - /2

€ 462,00 1 009300083  
**930/S13**

6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-27x29-30x32 mm

940/1 - /2 - /3



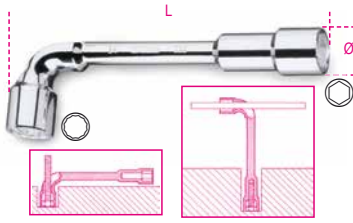
€ 516,00 1 009300098  
**930/C13**

6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-27x29-30x32 mm

940/1 - /2 - /3

### 932

double ended hexagon / bi-hex offset socket wrenches, bright chrome-plated



NF E 74.303

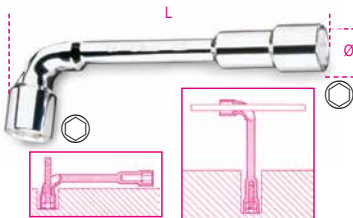
mm	Ø mm	L mm	€	U	IT
6x6	11,5	110	15,60	5	009320006
7x7	12,5	116	15,80	5	009320007
8x8	13,0	120	16,40	5	009320008
9x9	14,0	125	17,00	5	009320009
10x10	16,5	133	17,70	5	009320010
11x11	17,5	143	19,30	5	009320011
12x12	19,0	148	20,50	5	009320012
13x13	19,5	154	21,40	5	009320013
14x14	21,5	167	22,60	5	009320014
15x15	22,5	182	23,80	5	009320015
16x16	24,5	193	24,80	5	009320016
17x17	26,0	198	25,00	5	009320017
18x18	26,5	215	27,50	5	009320018
19x19	29,0	220	30,00	5	009320019
20x20	30,5	222	32,00	3	009320020
21x21	30,5	236	36,50	3	009320021
22x22	32,5	250	40,00	2	009320022
23x23	33,5	256	44,50	2	009320023
24x24	35,0	272	47,50	2	009320024
25x25	36,5	282	50,50	2	009320025
26x26	37,5	296	55,50	2	009320026
27x27	39,0	296	58,00	2	009320027
28x28	39,0	314	66,00	2	009320028
30x30	42,5	348	79,00	2	009320030
32x32	45,5	364	87,50	2	009320032



mm	Ø mm	L mm	€	U	IT
6-7-8-10-11-12			244,50	1	009320080
13-14-17-19-22 mm					
6-7-8-9-10-11-12			406,00	1	009320081
13-14-15-16-17					
18-19-20-21-22 mm					
6-7-8-9-10-11-12-13			894,00	1	009320082
14-15-16-17-18-19					
20-21-22-23-24-25					
26-27-28-30-32 mm					

### 933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm	€	U	IT
6x6	11,5	110	15,60	5	009330006
7x7	12,5	116	15,80	5	009330007
8x8	13,0	120	16,40	5	009330008

mm	Ø mm	L mm	€	U	IT
9x9	14,0	125	17,00	5	009330009
10x10	16,5	133	17,70	5	009330010
11x11	17,5	143	19,30	5	009330011
12x12	19,0	148	20,50	5	009330012
13x13	19,5	154	21,40	5	009330013
14x14	21,5	167	22,60	5	009330014
15x15	22,5	182	23,80	5	009330015
16x16	24,5	193	24,80	5	009330016
17x17	26,0	198	25,00	5	009330017
18x18	26,5	215	27,50	5	009330018
19x19	29,0	220	30,00	5	009330019
20x20	30,5	222	32,00	3	009330020
21x21	30,5	236	36,50	3	009330021
22x22	32,5	250	40,00	2	009330022
23x23	33,5	256	44,50	2	009330023
24x24	35,0	272	47,50	2	009330024
25x25	36,5	282	50,50	2	009330025
26x26	37,5	296	55,50	2	009330026
27x27	39,0	296	58,00	2	009330027
28x28	39,0	314	66,00	2	009330028
30x30	42,5	348	79,00	2	009330030
32x32	45,5	364	87,50	2	009330032



mm	Ø mm	L mm	€	U	IT
6-7-8-10-11-12			244,50	1	009330080
13-14-17-19-22 mm					
6-7-8-9-10-11-12			406,00	1	009330081
13-14-15-16-17					
18-19-20-21-22 mm					
6-7-8-9-10-11-12-13			894,00	1	009330082
14-15-16-17-18-19					
20-21-22-23-24-25					
26-27-28-30-32 mm					

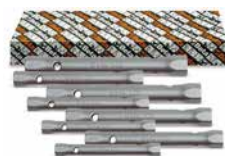
### 935

double ended hexagon tubular socket wrenches, light series



UNI 6746 DIN 896

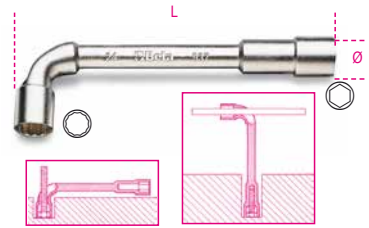
mm	L mm	€	U	IT
6x7	100	8,05	5	009350105
8x9	110	8,65	5	009350111
10x11	120	9,65	5	009350115
12x13	130	10,90	5	009350117
14x15	140	12,70	5	009350126
16x17	150	13,90	5	009350128
18x19	160	16,40	5	009350131
20x22	170	19,90	3	009350138
21x23	180	22,10	3	009350141
24x26	190	25,00	3	009350144
25x28	200	27,50	2	009350150
27x29	210	32,50	2	009350153
30x32	220	35,00	2	009350156



mm	L mm	€	U	IT
6x7-8x9-10x11		114,00	1	009350181
12x13-14x15-16x17				
18x19-20x22 mm				
940/1 - /2				
6x7-8x9-10x11		270,00	1	009350183
12x13-14x15-16x17				
18x19-20x22-21x23				
24x26-25x28-27x29				
30x32 mm				
940/1 - /2 - /3				

### 937

double ended hexagon / bi-hex socket wrenches, chrome-plated



mm	Ø mm	L mm	€	U	IT
6x6	11,5	110	8,65	5	009370006
7x7	12,5	116	9,00	5	009370007
8x8	13,0	120	9,35	5	009370008
9x9	14,0	125	9,95	5	009370009
10x10	16,5	133	10,40	5	009370010
11x11	17,5	143	10,90	5	009370011
12x12	19,0	148	12,20	5	009370012
13x13	19,5	154	12,50	5	009370013
14x14	21,5	167	13,70	5	009370014
15x15	22,5	182	15,10	5	009370015
16x16	24,5	193	16,30	5	009370016
17x17	26,0	198	16,90	5	009370017
18x18	26,5	215	17,30	5	009370018
19x19	29,0	220	18,00	5	009370019
20x20	30,5	222	20,40	3	009370020
21x21	30,5	236	22,30	3	009370021
22x22	32,5	250	23,50	2	009370022
23x23	33,5	256	26,00	2	009370023
24x24	35,0	272	27,00	2	009370024
25x25	36,5	282	34,50	2	009370025
26x26	37,5	296	35,50	2	009370026
27x27	39,0	296	36,00	2	009370027
28x28	39,0	314	43,50	2	009370028
30x30	42,5	348	46,50	2	009370030
32x32	45,5	364	52,50	2	009370032



mm	Ø mm	L mm	€	U	IT
6-7-8-10-11-12			145,00	1	009370080
13-14-17-19-22 mm					
6-7-8-9-10-11-12			246,50	1	009370081
13-14-15-16-17					
18-19-20-21-22 mm					

### 940

tommy bars for tubular wrenches items 930 and 935



mm	L mm	€	U	IT	
940/1	6+13	100	6,00	5	009400001
940/2	14+22	170	7,85	5	009400002
940/3	21+32	290	14,20	5	009400003



## 941

hexagon / bi-hex socket wrenches,  
with high torque handles



mm	L mm	L1 mm	A1 mm	€	🔧	📦
7x7	200	91	35	29,00	2	009410107
8x8	220	107	50	32,00	2	009410108
9x9	220	109	50	32,00	2	009410109
10x10	236	111	50	32,50	2	009410110
11x11	236	114	50	34,00	2	009410111
12x12	255	122	50	37,50	2	009410112
13x13	255	124	55	38,00	2	009410113

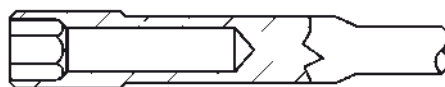


941/S7	€	🔧	📦
7-8-9-10-11-12-13 mm	235,00	1	009410170

## NUT SPINNERS WITH HANDLES

Suitable for quick, repeated screwing operations. The reduced thickness of the hexagons allows access to small spaces.

The interior exhaust hole makes it easier to work on nuts with projecting threaded parts. This is the case, in particular with deep, hi-torque nut spinners 944BX and 949.



The triple marking on the head makes it easier to identify the required size.

The flexible blade of model 943FL, which is made up of a steel core protected by a sheath, allows torque transmission in case of misalignment with the screw.

## 942BX

hi-torque hexagon nut spinners  
short series



UNI 6750

mm	L mm	L1 mm	A1 mm	€	🔧	📦
4	190	70	13,0	14,50	5	009420003
5	190	70	14,0	14,50	5	009420004
5,5	190	70	12,5	16,40	5	009420005
6	190	70	14,5	16,40	5	009420006
7	190	70	15,5	17,20	5	009420007
8	202	70	18,5	17,20	5	009420008
9	202	70	19,5	17,20	5	009420009
10	202	70	20,5	18,30	3	009420010
11	202	70	21,5	18,30	3	009420011
12	202	70	22,5	18,30	3	009420012
13	202	70	23,5	20,70	3	009420013
14	202	70	24,5	20,70	3	009420014



942BX/S12	€	🔧	📦
4-5-5,5-6-7-8-9 10-11-12-13-14 mm	209,50	1	009420030

## 943BX

hi-torque hexagon nut spinners  
long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm	€	🔧	📦
4	270	150	13,0	16,10	5	009430003
5	270	150	14,0	16,10	5	009430004
5,5	270	150	12,5	17,30	5	009430005
6	270	150	14,5	17,30	5	009430006
7	270	150	15,5	18,50	5	009430007
8	282	150	18,5	18,50	5	009430008
9	282	150	19,5	18,50	5	009430009
10	282	150	20,5	20,20	3	009430010
11	282	150	21,5	20,20	3	009430011
12	282	150	22,5	20,20	3	009430012
13	282	150	23,5	21,50	3	009430013
14	282	150	24,5	21,50	3	009430014



943BX/S12	€	🔧	📦
4-5-5,5-6-7-8-9 10-11-12-13-14 mm	226,00	1	009430030



943BX/D6	€	🔧	📦
5-6-7-8-10-13 mm	112,00	1	009430026

## 943FL

flexible hexagon nut spinners  
with handles



mm	L mm	L1 mm	Ø mm	€	🔧	📦
5	265	150	8	22,70	2	009430304
5,5	265	150	8	22,70	2	009430305
6	265	150	9	22,70	2	009430306
7	265	150	11	22,70	2	009430307
8	265	150	12	23,50	2	009430308
10	290	175	14	25,50	2	009430310



943FL/S6	€	🔧	📦
5-5,5-6-7-8-10 mm	140,00	1	009430320



## 944BX

deep, hi-torque hexagon nut spinners  
long series



**Betamax**  
MAXIMUM PERFORMANCE



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm	€	U	PC
4	245	125	20	16,70	3	009440003
5	245	125	25	16,70	3	009440004
5,5	245	125	30	20,40	3	009440005
6	245	125	35	20,40	3	009440006
7	245	125	35	20,40	3	009440007
8	257	125	50	22,00	3	009440008
9	257	125	50	22,00	3	009440009
10	257	125	50	22,90	3	009440010
11	257	125	50	22,90	3	009440011
12	257	125	50	25,00	3	009440012
13	257	125	55	25,00	3	009440013
14	257	125	55	25,00	3	009440014



mm	€	U	PC
944BX/S12 4-5-5,5-6-7-8-9 10-11-12-13-14 mm	259,00	1	009440062

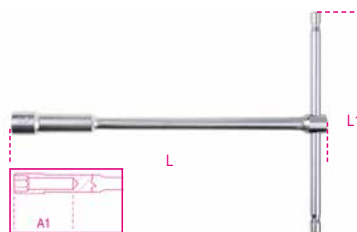
**Betamax**  
MAXIMUM PERFORMANCE



mm	€	U	PC
944BX/D6 5-6-7-8-10-13 mm	127,50	1	009440056

## 949

deep T-handle socket wrenches



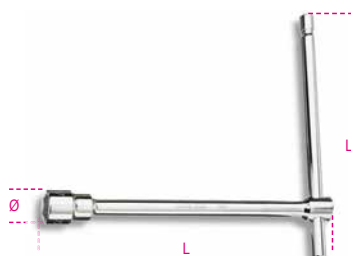
mm	L mm	L1 mm	A1 mm	€	U	PC
8	220	160	50	30,50	2	009490008
10	230	160	50	32,00	2	009490010
12	240	175	50	33,00	2	009490012
13	244	175	55	34,00	2	009490013
14	250	190	55	36,00	2	009490014
17	264	200	60	41,50	2	009490017



mm	€	U	PC
949/S6 8-10-12-13-14-17mm	207,00	1	009490076

## 950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

mm	L mm	Ø mm	L1 mm	€	U	PC
6	210	10,1	145	21,10	3	009500006
7	212	11,2	145	21,10	3	009500007
8	220	12,4	160	22,70	3	009500008
9	223	13,5	160	22,70	3	009500009
10	230	14,9	160	24,60	3	009500010
11	233	16,1	160	24,60	3	009500011
12	240	17,5	175	27,00	3	009500012
13	244	19,7	175	27,00	3	009500013
14	250	20,1	190	30,50	3	009500014
15	254	21,5	190	32,00	3	009500015
16	260	22,7	200	35,00	3	009500016
17	264	24,1	200	36,00	3	009500017
19	274	26,6	230	44,50	3	009500019
22	290	29,9	290	53,50	2	009500022
24	300	32,2	320	60,50	2	009500024
27	315	36,2	370	71,50	2	009500027



mm	€	U	PC
950/S9 7-8-10-11-12 13-14-17-19 mm	258,00	1	009500079
950/S14 6-7-8-9-10-11-12-13 14-15-16-17-19-22 mm	422,00	1	009500082

**Beta**

**Beta**



# 951 T-HANDLE WRENCHES WITH THREE HEXAGON MALE ENDS



When this wrench was launched, back in 1980, it was a revolution. Designed to work on high-resistance screws, it is the name for quick handling, accurate fit and flexible use.

The hexagon T handle can be adjusted as required.

The hexagon ends are designed to transmit the maximum possible torque to the screw.

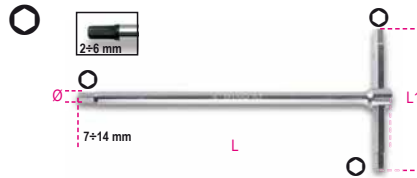
The rod length allows remarkable torques to be effortlessly applied to the screws.

Ongoing production improvements have translated, for example, into sandblasted finishes and sharp-edged hexagon ends which allow a better fit onto any screws, including damaged ones.

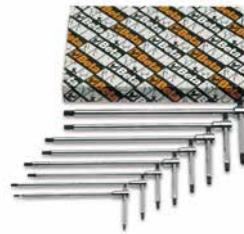
Laser marking results in a sturdier rod.

## 951

T-handle wrenches with three hexagon male ends



mm	L mm	L1 mm	Ø mm	€	🔧	📄
2	125	63	4,0	19,30	5	009510521
2,5	150	63	4,0	19,30	5	009510525
3	150	63	4,0	19,30	5	009510530
3,5	175	76	5,5	19,90	5	009510535
4	175	76	5,5	19,90	5	009510540
4,5	195	87	6,5	21,80	5	009510545
5	195	87	6,5	21,80	5	009510550
6	215	99	8,0	25,00	5	009510560
7	230	109	9,0	27,00	5	009510570
8	250	122	10,0	27,00	5	009510580
9	265	132	11,0	34,00	5	009510590
10	280	142	12,0	34,00	5	009510610
12	305	160	15,0	46,00	3	009510620
14	330	178	17,0	55,00	3	009510640



	€	🔧	📄
<b>951/S6</b> 2,5-3-4-5-6-8 mm	132,50	1	009510687
<b>951/S8</b> 2-2,5-3-3,5-4-4,5-5-6 mm	166,50	1	009510693
<b>951/S14</b> 2-2,5-3-3,5-4-4,5-5-6-7-8-9-10-12-14 mm	389,00	1	009510695

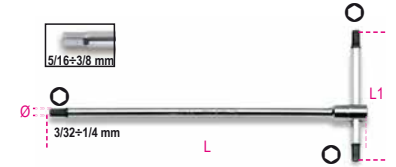


	€	🔧	📄
<b>951/SP6</b> 3-4-5-6-8-10 mm	167,00	1	009510696
<b>951/SPV</b>	31,00	1	009510697



## 951AS

T-handle wrenches with three hexagon male ends



"	L mm	L1 mm	Ø mm	€	🔧	📄
3/32	125	63	4,0	26,00	2	009510750
7/64	150	63	4,0	26,00	2	009510751
1/8	150	63	4,0	26,00	2	009510752
9/64	175	76	5,5	27,00	2	009510753
5/32	175	76	5,5	27,00	2	009510754
3/16	195	86	6,5	29,50	2	009510755
7/32	215	99	8,0	29,50	2	009510757
1/4	230	109	9,0	33,50	2	009510758
5/16	250	122	10,0	34,00	2	009510759
3/8	280	142	12,0	41,50	2	009510760



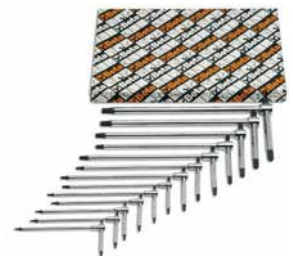
	€	🔧	📄
<b>951AS/S6X</b> 1/8-3/16-7/32-1/4-5/16-3/8	194,00	1	009510771

## 951TX

T-handle wrenches with three male ends for Torx® head screws



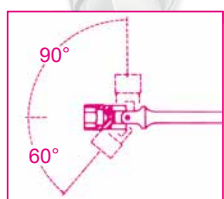
⊕	L mm	L1 mm	Ø mm	€	🔧	📄
T6	125	63	4	23,90	3	009510806
T7	125	63	4	23,90	3	009510807
T8	125	63	4	24,60	3	009510808
T9	125	63	4	24,60	3	009510809
T10	150	63	4	25,00	3	009510810
T15	150	63	4	25,00	3	009510815
T20	175	76	5	26,50	3	009510820
T25	175	76	5	26,50	3	009510825
T27	195	87	6	28,00	3	009510827
T30	195	87	6	28,00	3	009510830
T40	215	99	7	32,50	3	009510840
T45	230	109	8	34,50	3	009510845
T50	250	122	9	37,00	3	009510850



	€	🔧	📄
<b>951TX/S6</b> T8-T10-T15-T20-T25-T30	155,50	1	009510866
<b>951TX/S13</b> T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50	360,00	1	009510863



## 952 T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS



Reliable, precise pre-positioning is the secret for the success of this wrench.

The articulated joint maintains its function over the years, no adjustment being required.

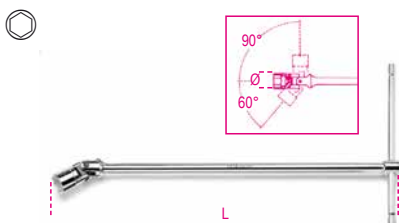
Socket rotation angle: 60°. Can be used at 90° in fixed position.

Sliding T-handle, can be stopped in the required position throughout its length.

Triple size marking on head.

## 952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

mm	Ø mm	L mm	€	Hand	Code
6	9,5	395	32,50	5	009520006
7	10,7	395	32,50	5	009520007
8	12,1	395	32,50	5	009520008
9	13,2	395	32,50	5	009520009
10	14,6	400	35,00	5	009520010
11	15,8	400	35,00	5	009520011
12	17,0	400	35,00	5	009520012
13	18,7	432	37,50	5	009520013
14	19,7	432	37,50	5	009520014
15	20,9	450	46,00	3	009520015
16	22,0	450	46,00	3	009520016
17	23,4	450	46,00	3	009520017
18	24,7	450	46,00	3	009520018
19	26,0	500	56,00	3	009520019
20	27,4	500	56,00	3	009520020
21	28,5	500	56,00	3	009520021
22	29,7	500	56,00	3	009520022
24	32,4	500	56,00	3	009520024



Model	€	Hand	Code
952/S7 8-10-11-13-14-17-19 mm	279,00	1	009520074
952/S10 7-8-10-11-12-13-14-15-17-19 mm	393,00	1	009520080
952/S18 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm	774,00	1	009520083

## 852



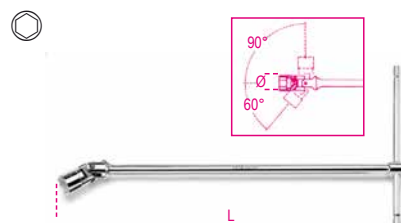
852

78,84



## 952AS

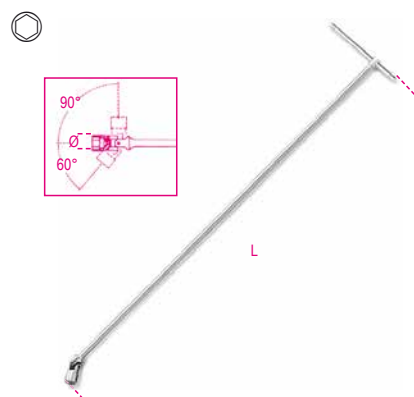
T-handle wrenches with swivelling hexagon sockets



mm	Ø mm	L mm	€	Hand	Code
1/4	9,5	395	35,50	2	009520256
5/16	12,1	395	35,50	2	009520258
3/8	14,6	400	38,00	2	009520260
7/16	15,8	400	38,00	2	009520261
1/2	18,7	432	43,00	2	009520263
9/16	19,7	432	46,00	2	009520264
5/8	22,0	450	49,00	2	009520266
11/16	23,4	450	49,00	2	009520267
3/4	26,0	500	61,00	2	009520269

## 952L

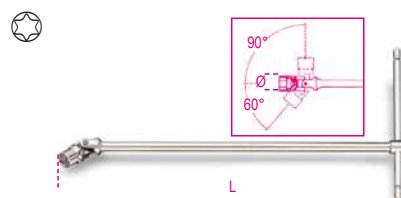
T-handle wrenches with swivelling hexagon sockets, long series



mm	Ø mm	L mm	€	Hand	Code
10	14,6	930	89,00	1	009520410
12	17,0	1063	89,00	1	009520412
13	18,7	1100	89,00	1	009520413
14	19,7	1100	89,00	1	009520414
15	20,9	1100	100,00	1	009520415
16	22,0	1100	100,00	1	009520416
17	23,4	1100	100,00	1	009520417
18	24,7	1100	100,00	1	009520418
19	26,0	1100	116,00	1	009520419

## 952FTX

T-handle wrenches with swivelling socket, for Torx® head screws



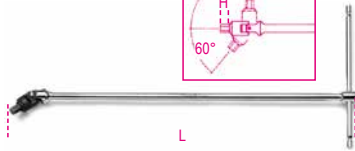
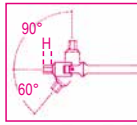
mm	Ø mm	L mm	€	Hand	Code
E6	8	392	38,00	2	009520106
E7	9	392	38,00	2	009520107
E8	10	395	44,00	2	009520108
E10	13	400	45,00	2	009520110
E12	15	440	54,00	2	009520112
E14	17	490	66,00	2	009520114
E16	19	490	66,00	2	009520116
E18	21	490	66,00	2	009520118
E20	23	490	66,00	2	009520120



**952FTX/S9** € 483,00 1 009520141  
E6-E7-E8-E10-E12  
E14-E16-E18-E20

### 953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

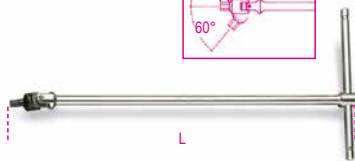
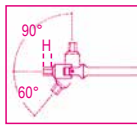
mm	H mm	L mm	€		
3	5	395	33,50	5	009530130
3,5	6	395	33,50	3	009530135
4	6	395	33,50	5	009530140
4,5	7	395	33,50	3	009530145
5	7	395	33,50	5	009530150
6	9	400	36,00	5	009530160
7	10	425	40,00	3	009530170
8	11	425	40,00	5	009530180
10	13	440	47,50	5	009530200



**953/S5** € 176,50 1 009530305  
3-4-5-6-8 mm  
**953/S9** € 331,00 1 009530301  
3-3,5-4-4,5  
5-6-7-8-10 mm

### 953TX

T-handle wrenches with swivelling end for Torx® head screws



mm	H mm	L mm	€		
T20	11	396	41,00	2	009530020
T25	11	396	41,00	2	009530025
T27	11	396	41,00	2	009530027
T30	13	400	45,00	2	009530030
T40	13	400	45,00	2	009530040
T45	13	426	46,00	2	009530045
T50	14	442	54,00	2	009530050
T55	14	442	54,50	2	009530055



**953TX/S8** € 367,00 1 009530060  
T20-T25-T27-T30  
T40-T45-T50-T55

## VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

### The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1438 to 1499 items 1758VT to 1760TMC
<b>Engine</b>	items 955 to 989A items 1438 to 1499
<b>Oil and filters</b>	items 1438 to 1499 items 1877 to 1885
<b>Electric system</b>	items 1438 to 1499
<b>Starters</b>	items 1498BC/12 to 1498/40A
<b>Transmission</b>	items 1438 to 1499
<b>Suspension</b>	items 1549 to 1569CP
<b>Brakes</b>	items 1438 to 1499
<b>Wheels</b>	items 955 to 989A
<b>Body work</b>	items 1302 to 1369 items 1763 to 1767A
<b>Other equipment</b>	items 1878 to 3067
<b>Jacks</b>	items 3029/2T to 3067/70-13T



### 955

tubular spark-plug wrench  
chrome-plated, hexagon end



mm -"	D mm	L mm	€		
16	21	86	16,40	3	009550016
5/8					
20,8	29	86	16,40	3	009550021
13/16					

### 956C

1/2" square drive spark plug sockets  
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm	€		
14	18,8	70	30,50	3	009560008
9/16					
16	21,4	70	30,50	3	009560010
5/8					
17,8	23,6	70	30,50	3	009560011
11/16					
20,8	27,0	70	31,00	3	009560012
13/16					

### 956E

3/8" square drive spark plug sockets  
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm	€		
14	18,8	70	33,50	3	009560018
9/16					
16	21,4	70	33,50	3	009560020
5/8					
17,8	23,6	70	33,50	3	009560021
11/16					
20,8	27,0	70	34,00	3	009560022
13/16					

### 956F

3/8" square drive spark plug sockets



mm -"	Ø mm	L mm	€		
14	18,8	70	37,50	1	009560114
9/16					
16	20,5	70	46,50	1	009560116
5/8					

# Beta

## 956L

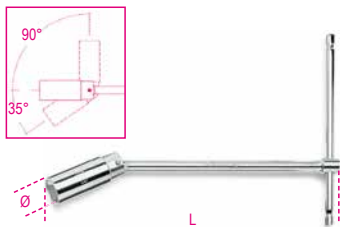
1/2" square drive spark plug sockets, bi-hex ends, long series



mm - "	Ø mm	L mm	€	🔧	📦
14	19,0	250	62,50	2	009560214
9/16					
16	21,0	250	64,50	2	009560216
5/8					
17,8	24,0	250	68,00	2	009560217
11/16					
20,8	27,0	250	69,50	2	009560221
13/16					

## 957

T-handle spark plug wrenches with swivelling sockets

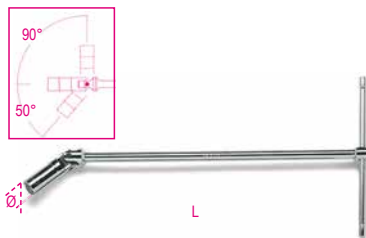


ISO 11168

mm - "	Ø mm	L mm	€	🔧	📦
16	21,4	275	47,00	3	009570000
5/8					
20,8	27,0	275	55,00	3	009570001
13/16					

## 959

T-handle spark plug wrenches with swivelling sockets, standard series



ISO 11168

mm - "	Ø mm	L mm	€	🔧	📦
14	18,8	483	54,50	3	009590009
9/16					
16	21,4	483	60,50	3	009590010
5/8					
20,8	27,0	527	81,00	3	009590011
13/16					

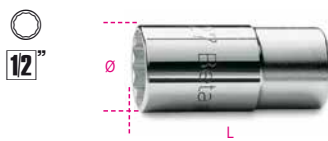
## 959R

rubber inset and spare spring for items 956C - 956E - 957 - 959

	€	🔧	📦
959R/14 956C/14-956E/14	5,60	3	009590223
959R/16 956C/16-956E/16 957/16-959/16	5,60	3	009590224
959R/17,8 956C/17,8-956E/17,8	5,60	3	009590225
959R/20,8 956C/20,8-956E/20,8 957/20,8-959/20,8-959L	5,60	3	009590226

## 960

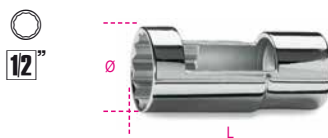
1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm	€	🔧	📦
27	36,5	77	35,50	2	009600027

## 960A

1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm	€	🔧	📦
27	36,5	77	51,50	2	009600017

## 960BC/C5

set of 5 sockets for injector electric connection

set contents:

- 1 open hexagon socket, 25 mm
- 1 open hexagon socket, 27 mm
- 1 open hexagon socket, 29 mm
- 1 open hexagon socket, 30 mm
- 1 bi-hex socket, 28 mm



	€	🔧	📦
960BC/C5	159,00	1	009600280

280x160x55 mm - 1,9 kg

## 960BC

open-end hexagon sockets for injector electrical connections



mm	€	🔧	📦
25	47,00	1	009600285
27	47,00	1	009600287
29	47,00	1	009600289
30	47,00	1	009600290

## 960BC/P 28

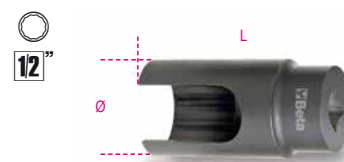
bi-hex socket for injector electrical connections



mm	€	🔧	📦
28	47,00	1	009600288

## 960BT/B

sockets for injector electrical connections



mm	Ø mm	L mm	€	🔧	📦
29	38,5	77	125,00	1	009600128



## 960ER

slide hammer for injector washers

stepped drill bit



L mm	€	1	009600726
350	63,50		

## 960F

socket for nozzle holder ring nuts



Ø mm	Ø1 mm	Ø2 mm	€	1	009600148
28,3	22	32	41,00		

## 960G

socket for Diesel engine injectors of Mercedes-Benz trucks



Ø mm	Ø1 mm	Ø2 mm	L mm	€	1	009600151
28,5	22	32	122	43,50		

## 960L

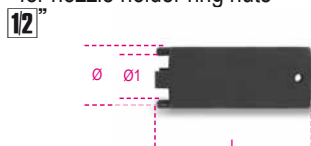
socket for nozzle holder ring nuts



Ø mm	Ø1 mm	L mm	€	1	009600153
30	22	122	47,00		

## 960M

socket for nozzle holder ring nuts



Ø mm	Ø1 mm	L mm	€	1	009600154
28,5	22	72	34,50		

## 960H/C4

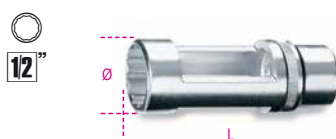
set of sockets for nozzle holder ring nuts



960H/C4	€	1	009600152
	123,50		

## 960S

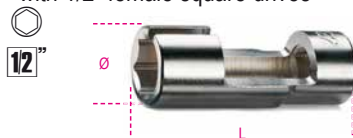
1/2" square drive socket for Diesel engine injectors



Ø mm	Ø mm	L mm	€	1	009600022
22	30	82	40,00		

## 960SL

sockets for Lambda probes with 1/2" female square drives



	Ø mm	€	2	009600085
960SL85	33	61,50		
○ 22xL= 85 mm				
960SL110	33	70,00		
○ 22xL= 110 mm				

## 960SN

Diesel engine glow plug wrenches



Ø mm	Ø mm	□	L mm	€	2	009600834
8	12,0	1/4	60	52,00		
9	13,3	1/4	60	52,00		
10	14,5	3/8	70	62,00		
11	15,8	3/8	70	62,00		
12	17,0	3/8	70	62,00		

## 960T/C11

assortment of sockets for removing/installing sensors

Kit contents:

- 1 double ended hexagon socket, size 1" - 11/16" for oil pressure sensors
- 1 open end hexagon socket, 29 mm, for oxygen sensors
- 1 open end bi-hex socket, 27 mm, for injectors
- 1 open end hexagon socket, 22 mm, for vacuostats
- 1 open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 30 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 50 mm long, for oxygen sensors
- 1 open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, tube-shaped
- 1 tap M18x1.5



○ 22 - 29 mm

960T/C11	€	1	009600031
	204,00		

≡ 330x270x25 mm

## 960T/A

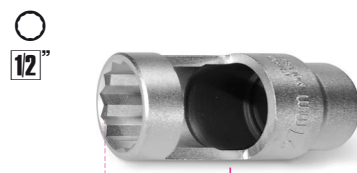
open end hexagon socket, 29 mm, for oxygen sensors



Ø mm	L mm	€	1	009600032
29	90	23,90		

## 960T/B

open end bi-hex socket, 27 mm, for injectors

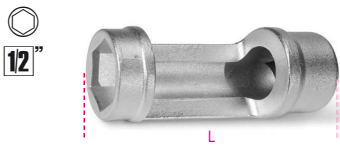


Ø mm	L mm	€	1	009600033
27	85	21,20		



### 960T/C

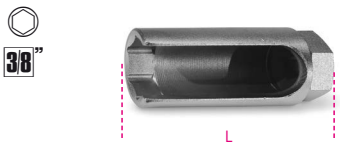
open end hexagon socket, 22 mm, for vacuostats



mm	L	€	1	009600034
22	88	18,60		

### 960T/D

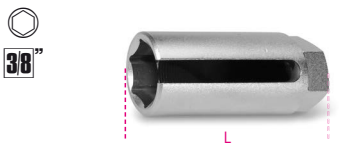
open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors



mm	mm	L	€	1	009600035
22	25	90	16,90		

### 960T/E

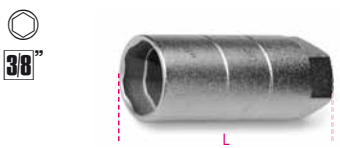
open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors



mm	mm	L	€	1	009600036
22	25	80	15,50		

### 960T/F

double ended hexagon socket, size 1" - 1 1/16", for oil pressure sensors



"	mm	L	€	1	009600037
1 - 1 1/16	28	74	14,60		

### 960T/G

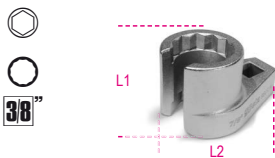
open end hexagon socket, 22 mm, tube-shaped



mm	mm	L	€	1	009600038
22	25	98	41,50		

### 960T/H

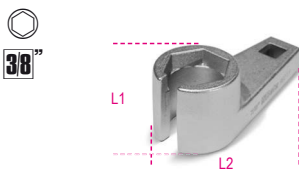
open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors



mm	L1	L2	€	1	009600039
22	34	55	15,50		

### 960T/I

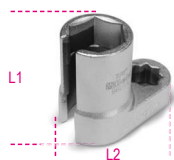
open end socket, 22 mm, compact, 30 mm long, for oxygen sensors



mm	L1	L2	€	1	009600040
22	30	81	20,50		

### 960T/L

open end socket, 22 mm, compact, 50 mm long, for oxygen sensors



mm	L1	L2	€	1	009600041
22	50	58	15,70		

### 960T/M

tap M18x1.5



mm	L	€	1	009600042
21	50	5,20		

### 960/22EP

double head swivel socket wrench for Lambda probes

Double hexagon/bi-hex and 180° joint result in remarkable versatility



L	mm	mm	mm	€	1	009600052
300	22	22		55,50		

### 960/C6

3/8" female drive hexagon sockets for removing/installing exhaust gas temperature sensors

- Kit contents:
- 3 short sizes, 13, 14, 17 mm
  - 3 long sizes, 13, 14, 17 mm



960/C6	€	1	009600055
	86,00		

170x120x50 mm

### 960/D

open hexagon wrenches, long series, for removing/installing exhaust gas temperature sensors



mm	€	1	009600073
13	13,40		
14	13,40		009600074
17	16,20		009600077

## 960YP

open offset hexagon wrenches  
for removing/installing exhaust gas  
temperature sensors

38"



mm	€	1	009600063
13	14,20	1	009600063
14	14,70	1	009600064
17	19,60	1	009600067

## 960AVE

device for testing common rail diesel electrical  
injectors



Bar	€	1	009600245
8÷40	275,00	1	009600245

430x310x50 mm - 2,0 kg

## 960CMB

instrument for controlling compression on  
petrol engines



Bar	€	1	009600250
4÷17	650,00	1	009600250

440x370x100 mm - 2,2 kg

## 960CMB/R2

spare cards for item 960CMB



Bar	€	1	009600252
8÷40	33,50	1	009600252

## 960CMD

instrument for controlling compression on  
Diesel engines



Bar	€	1	009600270
8÷40	721,00	1	009600270

440x370x100 mm - 2,4 kg

## 960CMD/R1

spare cards for item 960CMD



Bar	€	1	009600271
8÷40	33,50	1	009600271

## 960EPC

set of tools for removing glow plug electrode

M8x1 - M9x1 - M10x1 - M10x1,25



Bar	€	1	009600790
4÷17	662,00	1	009600790

270x230x80 mm - 900 g

## 960EPC/L

set of tools for removing glow plug electrode  
face

M8x1 - M9x1 - M10x1 - M10x1,25



Bar	€	1	009600890
270x230x80 mm	903,00	1	009600890

270x230x80 mm - 2 kg

## 960E-PI/P

injector washer extractor

• Male thread M10 for use  
with sliding hammer (Beta 1540)



Bar	€	1	009600706
300x90x60 mm	71,00	1	009600706

300x90x60 mm

## 960KC-M8/M9/M10

assortment of tools for removing  
broken or damaged glow plugs

• For spark plugs with threads M8-M9-M10



Bar	€	1	009600801
380x290x50 mm	457,00	1	009600801

380x290x50 mm - 2,3 kg



## 960KPC

reversible impulse extractor with adjustable torque for glow plugs

Torque can be adjusted in 4 positions:  
10-20-30-40 Nm

14" CE



960KPC € 334,00 1 009600780  
8-9-10-11-12 mm  
420x185x60 mm - 2,8 kg

## 960UC

tool set for removing stuck M8-M9-M10 glow plugs with deformed tips



960UC € 524,00 1 009600900  
270x230x80 mm - 2,6 kg

## 960P

pressure/depressure tester with accessories and adaptors



960P € 271,00 1 009600777  
350x320x95 mm - 1,9 kg

## 960PI

assortment of reamers for cleaning injector seats in plastic case

For removing residues from injector seats

- Flat reamer, Ø 19 - 15 mm, for universal injectors
- Flat reamer, Ø 17 - 17 mm, for Delphi/Bosch injectors (BMW/PSA/Renault/Ford)
- Flat reamer, Ø 19 - 17 mm, for Bosch injectors (Mercedes CDI).
- Angled reamer, Ø 21 - 17 mm, for Fiat/Iveco injectors.
- Handle



960PI € 126,00 1 009600215  
250x130x50 mm - 600 g

## 960PI/C19

assortment of 19 tools for cleaning injector seats

Kit contents:

- 11 flat reamers, Ø:  
14/14 mm - 15.5/15.5 mm - 15/19 mm - 17/19 mm - 17/17.5 mm - 17/19 mm - 17/19.5 mm - 17/20 mm - 18/21 mm - 19 mm - 20/21 mm
- 4 angled reamers, Ø:  
15.5/15.5 mm - 17/17 mm - 17.5/20.5 mm - 17/21 mm
- Handle and cutter accessories



960PI/C19 € 316,00 1 009600217  
360x230x60 mm

## 960PI/S

kit for cleaning injector seats

Kit contents:

- 3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats
- 2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms
- 6 caps for closing hole connecting with combustion chamber
- 1 brush for cleaning hole connecting with combustion chamber
- 1 flexible bit holder with handle

14



960PI/S € 167,00 1 009600214  
360x140x50 mm - 700 g

## 960VTC

leakage tester for petrol engine cylinders after compressed air has been introduced into cylinder, gauge will allow it to be tested for compression leaks



960VTC € 291,00 1 009600261  
373x295x70,6 mm - 2,3 kg

## 960RPI

blowing tool for injectors seat cleaning

for M8x1 - M9x1 - M10x1 - M10x1.25 glow plugs



960RPI € 201,50 1 009600940

## 960PMC

diesel injector test and calibrating hand pump



Bar Max. € 795,00 1 009600200  
600

## 960AVL

vapour extractor



Bar Max. € 896,00 1 009600210  
6



### 961P6

electronic videoscope  
with flexible probe



CE

- Supports SD cards (8 GB)
  - Supports flash memories (8 GB)
  - Internal memory: 128M
  - TV-OUT feature
  - Supports video formats (MP4, AVI, 3GP)
  - 4 LEDs
  - Power supplied by USB port (built-in battery)
- SPECIFICATIONS**
- Sensor pixels: 640x480
  - Maximum resolution: 320x240
  - Probe length: 1 m
  - Camera diameter: 6 mm
  - Video formats: MPEG4, 3GP, AVI, ASF.
  - Photo formats: JPEG
  - Shooting angle: 0+180°
  - Data output: USB cable and SD card
  - Power supply: 3.7V 2000 mAh battery

961P6	€ 783,00	1	009610000
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### 961P6/S

flexible probes, 6 mm



	L mm	€		
961P6/S1	1000	339,00	1	009610006
961P6/S2	2000	379,00	1	009610262
961P6/S3	3000	429,00	1	009610263

### 962

tyre levers



L mm	A mm	€		
300	21	25,00	5	009620003
400	25	30,00	5	009620004
500	27	39,00	3	009620005
600	27	50,50	3	009620006

### 962C



962C	279
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### 962P

tyre levers with non-scratch  
rubber protection



L mm	A mm	€		
490	25	94,50	1	009620049

### 962M

tyre removal/installation tool

particularly recommended for runflat tyres and  
lower shoulder models

- non-scratch rim locking jaws
- tyre removal lever seat



962M	€ 339,00	1	009620501
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### 963

pry bar with pointed and flat bent ends



L mm	A mm	€		
400	23	38,50	5	009630001



### 964

pry bar with pointed and leverage ends



L mm	A mm	€		
400	46	35,00	5	009640001

### 965

pry bars with flat curved ends



L mm	A mm	L1 mm	€		
300	16	185	17,80	2	009650013
450	20	312	25,00	2	009650014
600	20	462	29,50	2	009650016



965/S3	€ 72,50	1	009650019
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### 966/C3

set of 3 levers with articulated, flat, curved  
heads



966/C3	€ 133,50	1	009660103
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L=200-250-300 mm

355x140x65 mm - 1,8 kg

### 720LS

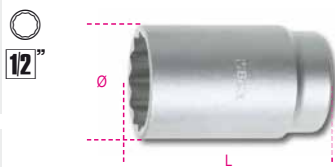
impact sockets,  
long, slim series



	Ø	L	Ø1	€		
	mm	mm	mm			
720LS 36	36	48,0	78	29	63,00	2 007200386

## 969B

hub nut locking socket



mm	Ø mm	L mm	€	1	009690124
24	36,0	76	22,60	1	009690124
27	36,0	76	23,10	1	009690127
30	40,0	76	23,70	1	009690130
31	42,0	76	24,40	1	009690131
32	42,5	76	26,00	1	009690132
34	45,0	76	29,00	1	009690134
35	46,0	76	29,50	1	009690135
36	49,0	76	34,00	1	009690136

## 969/C5

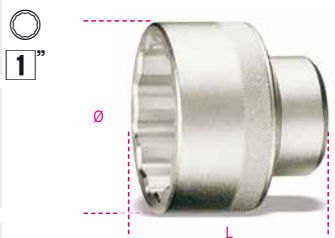
set of 5 hub nut locking sockets in plastic case



969/C5	142,00	1	009690201
30-32-34-35-36			

## 970B

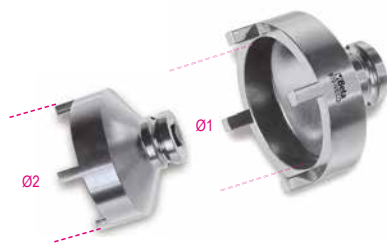
socket for locking Fiat Daily hub nuts



mm	Ø mm	L mm	€	1	009700010
65	88	75	110,50	1	009700010

## 970IVECO

hook socket for Iveco Daily hub nuts for versions from year 2014



Ø1 mm	Ø2 mm	€	1	009700011
61,5	74,8	66,50	1	009700011

## 971/C8

torque screwdriver with accessories for controlled tightening of tyre valves with pressure control system



971/C8	425,00	1	009710108
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583/6	1,2+6 Nm
892/0	
862TX	T10-T15-T20
900L	11-12 mm
986 78	

## 972/C4BMW

removal kit for anti-theft bolts with free rings, for BMW and Mini cars



972/C4BMW	242,50	1	009720004
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516x145x66 mm - 3,8 kg

## 972/C10

removal kit for damaged wheel nuts for use on anti-theft and conventional nuts



972/C10	306,00	1	009720010
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290x250x60 mm - 2,4 kg

## 973

kit of 4 nylon wheel covers

suitable for the following rims:  
14" + 18" item number 009730014  
19" + 22" item number 009730019

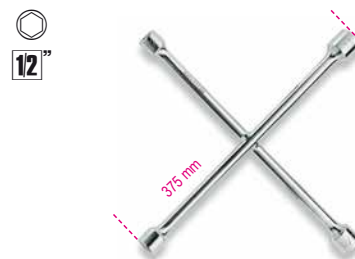


- Preserves and protects wheel from scratches and dust
- During storage, it prevents early deterioration of rubber polymers in summer or winter tyres
- An icon allows wheel position (right/left front or right/left rear) identification
- Provided with handles for convenient transportation
- Fabric: nylon, washable

973 14"+18"	107,00	1	009730014
973 19"+22"	118,50	1	009730019

## 978 - 979

four-way hexagon wheel nut wrenches



UNI/ISO 6788 DIN 3119

978	68,00	2	009780001
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17x19x21x22 mm

979	68,00	2	009790001
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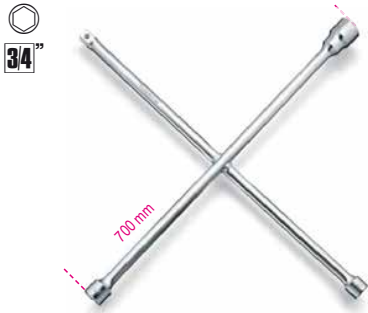
17x19x22x11/2 mm

# Beta



## 982

four-way hexagon wheel nut wrench



UNI/ISO 6788 DIN 3119

24x27x32x3/4 mm € 164,50 1 009820001

## 983PM

abrasive brush for cleaning hubs



Ø1 mm 90 Ø2 mm 150 € 79,50 1 009830010

## 983 PM/R-DA

abrasive discs, pair, for item 983PM



Ø mm 150 € 73,50 1 009830050

## 984

wheel nut plastic cap pliers



L mm 195 H mm 4 € 27,00 1 009840005

## 985/B7

assortment of 7 guide pins for wheel installation

Included sizes:

- M12X1.25 male
- M12x1.25 female
- M12x1.5 male
- M12x1.5 female
- M14x1.25 male
- M14x1.5 male
- M16x1.5 male



985/B7 € 105,50 1 009850007

## 985M

male guide pins for wheel installation



	L mm	€		
985M M12X1,25	150	13,70	1	009850101
985M M12X1,50	150	13,70	1	009850102
985M M14X1,25	150	14,20	1	009850103
985M M14X1,50	150	14,20	1	009850104
985M M16X1,50	150	15,60	1	009850105

## 985F

female guide pins for wheel installation



	L mm	€		
985F M12X1,25	150	18,30	1	009850106
985F M12X1,50	150	19,40	1	009850107



**Beta**  
Quality Tools

## 986 48

tyre valve screwdriver, short model  
automatic valve retention



L mm 18 L1 mm 48 € 15,60 1 009860048

## 986 78

tyre valve screwdriver  
automatic valve retention



L mm 18 L1 mm 78 € 15,60 1 009860078

## 986PT

tyre valve screwdriver, precalibrated, 0.4 Nm

automatic valve retention  
slip mechanism prevents  
valve core gasket  
from getting damaged



L mm 19 L1 mm 120 € 54,50 1 009860140

## 987

tyre valve lever  
with rubber protection



L mm 310 € 32,00 1 009870001

## 987AR

tyre valve lever  
with non-scratch fulcrum

- rubber and nylon fulcrum for alloy and iron rims
- valve quick coupling, does not require screwing



L mm 305 € 105,50 1 009870021

## 987P

tyre valve lever  
made of plastic

Handle accommodates screwdriver to work on mechanism inside valve



L mm 335 € 26,50 1 009870011

## 988/K4

set of 4 scratchproof plastic flat chisels



988/K4 € 28,00 1 009880104  
A= 19-21-25-38 mm

## 989

wheel balancing weight tool



L mm 250 € 50,50 2 009890001

## 989A

pliers for removing wheel balancing adhesive weights



Nose profile specially designed to remove weights without making contact with rim

989A L mm 220 € 34,50 1 009890011

## 989B

combination pliers for wheel balancing weights

functions:

- removing adhesive weights for alloy rims
- removing weights for iron rims
- hammer with removable PE-HD covering for adhesive weights and iron rims
- weight jaws for iron rims



L mm 230 € 65,50 1 009890015

## 990

straight thin knurled point spring tweezers made from stainless steel bright finish



L mm 130 € 12,50 5 009900001

## 991

bent thin knurled point spring tweezers made from stainless steel, bright finish



L mm 130 € 15,10 5 009910001

## 992

straight thin knurled point pin spring tweezers made from stainless steel bright finish



L mm 150 € 15,90 5 009920001

## 993

bent thin knurled point pin spring tweezers made from stainless steel bright finish



L mm 145 € 17,00 5 009930001

## 993PL

bent thin knurled point pin spring tweezers made from stainless steel PVC-coated



L mm 150 € 17,00 3 009930010

# Beta

# Beta

Quality Tools

### 993G

pin spring tweezers, curved round ends, knurled made from stainless steel bright finish



L mm 160 € 15,60 3 009930030

### 994

straight large knurled point spring tweezers made from stainless steel bright finish



L mm 150 € 13,00 5 009940001

### 994PL

straight large knurled point spring tweezers made from stainless steel PVC-coated



L mm 150 € 15,60 3 009940010

### 994TF

spring tweezers, acid and magnetic resistant, large round noses, strong and knurled ends made from stainless steel semi-bright finish



L mm 150 € 20,80 3 009940020

### 996

straight end spring tweezers with wide tips made from stainless steel bright finish



L mm 150 € 13,80 5 009960001

### 998

cross knurled end spring tweezers made from stainless steel bright finish



L mm 155 € 23,80 5 009980001

### 999

flat round end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 € 18,90 3 009990011

### 999A

extra slim short end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 € 16,40 3 009990015

### 999B

strong straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 € 16,70 3 009990017

### 999C

extra slim straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 110 € 18,30 3 009990019

### 999D

extra slim angled end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 € 20,20 3 009990021

### 999E

extra slim curved end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 € 18,30 3 009990023

### 999G

extra slim straight end spring tweezers, acid and magnetic resistant with stop mechanism made from stainless steel semi-bright finish



L mm 140 € 18,30 3 009990027

### 999/B6N

set of 6 spring tweezers, acid and magnetic resistant



999/B6N € 118,00 1 009990060  
999-999A-999B  
999C-999D-999E





### 1002

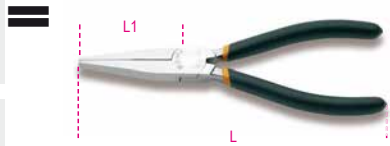
self-locking round end knurled tool made of stainless steel



L mm 160 € 29,50 2 010020001

### 1008

long flat knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 51,5 € 27,00 5 010080006

### 1008BM

long flat knurled nose pliers bi-material handles

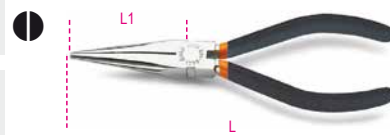


ISO 5745

L mm 160 L1 mm 51,5 € 33,00 3 010080036

### 1009

extra-long knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 56,5 € 27,00 2 010090006

### 1009L/A

extra long needle knurled nose pliers, for special operations, slip-proof double layer PVC coated handles



L mm 283 L1 mm 80 € 33,00 2 010090008

### 1009L/B

curved extra long knurled nose pliers, 45°, for special operations, slip-proof double layer PVC coated handles



L mm 273 L1 mm 73 € 33,50 2 010090009

### 1009L/C

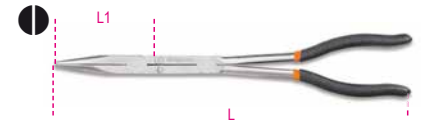
bent extra long knurled nose pliers, 90°, for special operations, slip-proof double layer PVC coated handles



L mm 253 L1 mm 45 € 35,50 2 010090010

### 1009L/D

extra-long, knurled double swivel nose pliers, slip-proof double layer PVC coated handles



L mm 342 L1 mm 71 € 39,50 1 010090058

### 1009L/DP

curved extra-long knurled double swivel nose pliers, 45°, slip-proof double layer PVC-coated handles



L mm 336 L1 mm 66 € 39,50 1 010090059

### 1009L/DP-S2

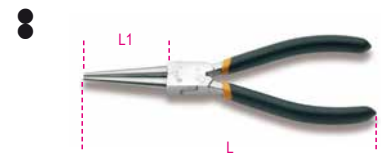
Set of 2 extra-long, knurled double swivel nose pliers



1009L/DP-S2 € 79,00 1 010090060

### 1010

long round knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm 160 L1 mm 51,5 € 27,00 2 010100006

### 1010BM

long round knurled nose pliers bi-material handles



ISO 5745

L mm 160 L1 mm 51,5 € 33,00 2 010100036



# CIRCLIP PLIERS (SEEGER TYPE)

## PERFECT ALIGNMENT

Tests have shown that Beta's circlip pliers provide excellent seeger (snap ring) alignment, based on the special reverse cone geometry of the tips, obtained through the company's exclusive cold-pressing technology.



## REDUCED TIP BREAKAGE

Beta's pliers are fitted with built-in cold-pressed tips, which provide increased durability compared to competitors', both when used and in case of accidental drops.



## 1031/S4

set of 4 circlip pliers



Model	Tip Size	Price (€)	Quantity	Code
1031/S4	19 ÷ 60 mm	115,50	1	010310000
1032 180	19 ÷ 60 mm			
1034 170	19 ÷ 60 mm			
1036 175	19 ÷ 60 mm			
1038 175	19 ÷ 60 mm			

## 1032

internal circlip pliers, straight pattern  
PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm	Price (€)	Quantity	Code
140x0,9	8÷12	25,50	5	010320013
140x1,3	12÷25	24,90	5	010320014
180	19÷60	27,00	5	010320017
225	40÷100	33,50	3	010320021
300	85÷200	47,00	2	010320028

## 1033

internal circlip pliers, bent pattern,  
45° PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm	Price (€)	Quantity	Code
140x0,9	8÷12	29,00	5	010330013
140x1,3	12÷25	28,00	5	010330014
180	19÷60	29,50	5	010330017
225	40÷100	36,50	3	010330021

## 1034

internal circlip pliers, bent pattern,  
90° PVC-coated handles



UNI 7914 DIN 5256

L mm	Ø mm	Price (€)	Quantity	Code
130x0,9	8÷12	29,00	5	010340013
130x1,3	12÷25	28,00	5	010340014
170	19÷60	29,50	5	010340017
210	40÷100	36,50	3	010340021
290	85÷200	51,50	2	010340028

## 1034L

90° curved long nose pliers  
for elastic safety rings for holes,  
PVC-coated handles



L mm	Ø mm	Price (€)	Quantity	Code
190	40÷100	74,50	2	010340320

## 1036

external circlip pliers, straight pattern  
PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm	Price (€)	Quantity	Code
140x0,9	3÷10	27,50	5	010360013
140x1,3	10÷25	27,00	5	010360014
175	19÷60	28,00	5	010360017
225	40÷100	35,50	3	010360021
300	85÷200	55,50	2	010360028

## 1037

external circlip pliers, bent pattern,  
45° PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm	Price (€)	Quantity	Code
140x0,9	3÷10	31,00	5	010370013
140x1,3	10÷25	29,50	5	010370014
175	19÷60	31,00	5	010370017
225	40÷100	38,00	3	010370021

## 1038

external circlip pliers, bent pattern,  
90° PVC-coated handles



UNI 7915 DIN 5254

L mm	Ø mm	Price (€)	Quantity	Code
135x0,9	3÷10	31,00	5	010380013
135x1,3	10÷25	29,50	5	010380014
175	19÷60	31,00	5	010380017
220	40÷100	38,00	3	010380021
300	85÷200	60,00	2	010380028

### 1039

straight point pliers for internal and external circlips PVC-coated handles



L mm	Ø mm	Ø mm	€	U	W
150	10÷15	6÷25	65,00	2	010390015

### 1558/C4

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

Supplied tips: Ø 2.5-3-3.5 mm



L mm	Ø mm	Ø mm	€	U	W
1558/C4	5,5 ÷ 77	5,5 ÷ 77	175,50	1	015580100

330x220x50 mm - 900 g

### 1044

slip joint pliers overlapping joint PVC-coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm	€	U	W
250	48	39	33,50	5	010440250

### 1044F

slip joint pliers overlapping joint PVC-coated handles

· 9-position model



ISO 8976

L mm	A max mm	L1 mm	€	U	W
250	48	39	26,00	5	010440015

### 1047

slip joint pliers, push button adjustment



L mm	A max mm	L1 mm	€	U	W
180	30	29	44,00	2	010470180
240	36	35	47,00	2	010470240
300	50	48	67,50	1	010470300

### 1047BM

slip joint pliers, push button adjustment, bimaterial handles



L mm	A max mm	L1 mm	€	U	W
240	36	35	53,50	2	010470340

## POLIGRIP - 1048N SLIP JOINT PLIERS, BOXED JOINTS

OUTSTANDING GRIP AND UNIQUE EASE OF HANDLING

- Tooth geometry and angle designed for effective, safe grip on hexagonal and cylindrical profiles
- Induction hardened teeth for longer durability
- Wider head/handle angle for improved ergonomic handling
- Contrast retainer preventing accidental hand crushing
- Innovative, slip-proof PVC coated handles
- Unparalleled ease of handling and comfort thanks to larger handle contact surface



### 1048N

slip joint pliers, slip-proof PVC coated handles



ISO 8976

L mm	A max mm	L1 mm	S mm	€	U	W
175	36	31	11	28,00	3	010480910
250	46	38	13	29,50	5	010480915
300	60	44	14.8	44,00	2	010480920

### 1048N/D3

set of slip joint pliers

phosphated heads



1048N/D3	€	U	W
175-250-300 mm	101,50	1	010480923

### 1048BM

slip joint pliers, boxed joint, bimaterial handles

· new 9-position model



ISO 8976

L mm	A max mm	L1 mm	€	U	W
250	48	39	46,50	3	010480215

### 1048VN

slip joint pliers, boxed joints, with orange lacquered finish

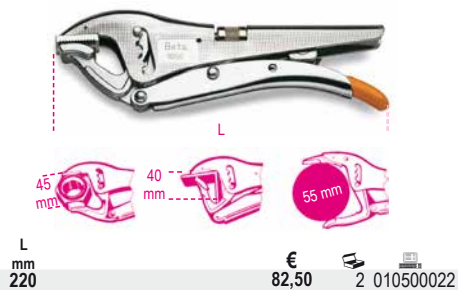


ISO 8976

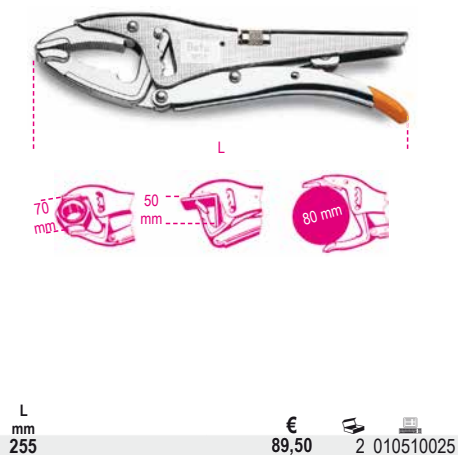
L mm	A max mm	L1 mm	€	U	W
175	36	31	27,50	3	010480111
250	46	38	31,50	5	010480116
300	60	44	46,00	2	010480121



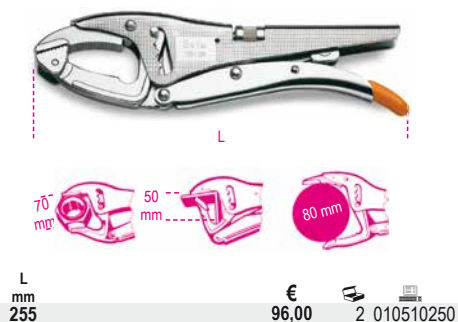
**1050**  
double adjustment self-locking pliers



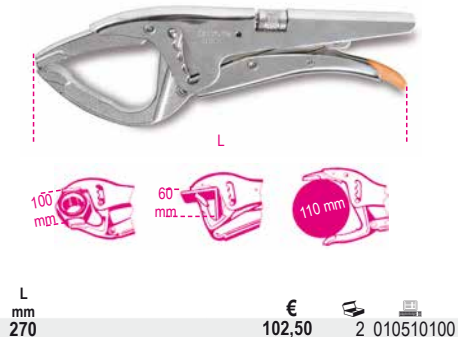
**1051**  
double adjustment self-locking pliers long jaws



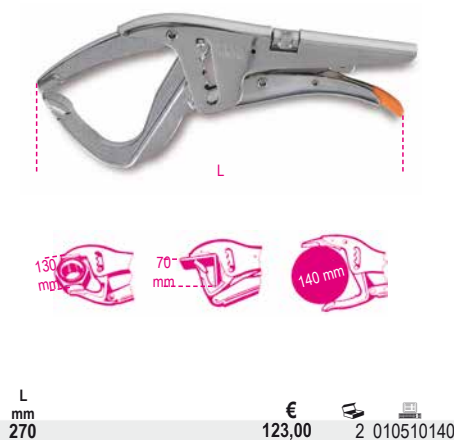
**1051GM**  
double adjustment self-locking pliers, floating jaw



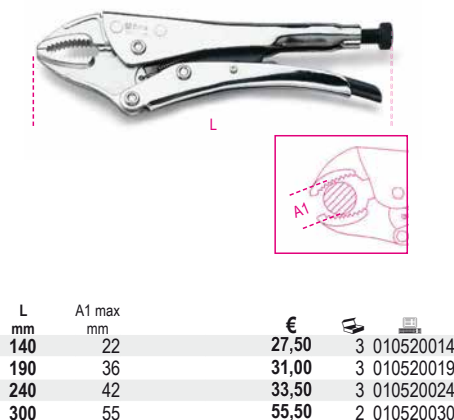
**1051L**  
large-capacity double adjustment self-locking pliers



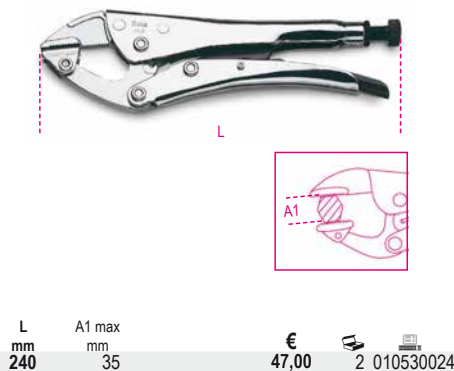
**1051XL**  
large-capacity double adjustment self-locking pliers, extra-long jaws



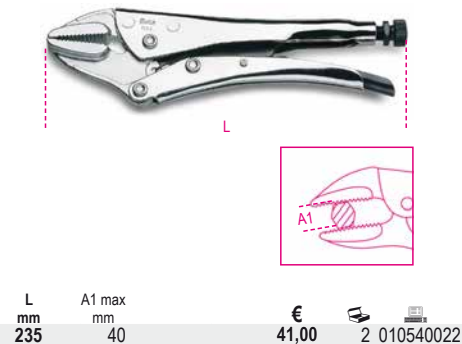
**1052**  
adjustable self-locking pliers, concave jaws



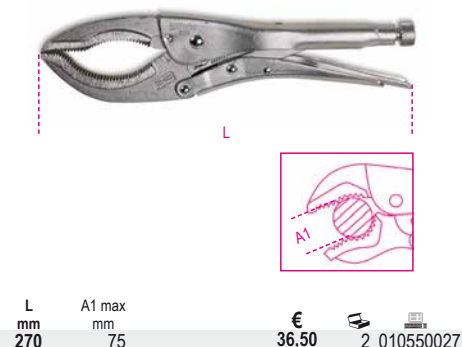
**1053**  
adjustable self-locking pliers, floating jaw



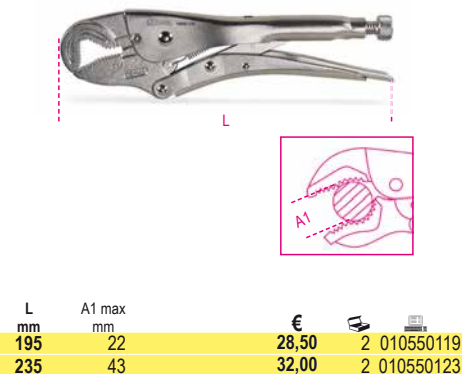
**1054**  
adjustable self-locking pliers, straight jaws



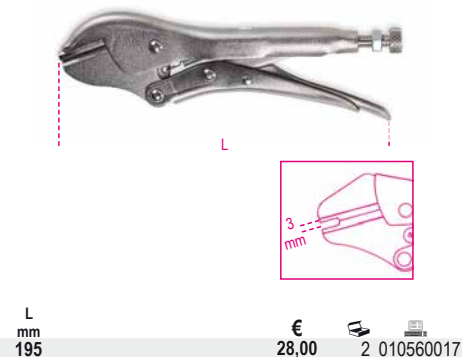
**1055**  
adjustable self-locking pliers, curved jaws



**1055D**  
adjustable self-locking pliers, for nuts and cylindrical profiles



**1056**  
adjustable self-locking pliers for refrigeration technicians



### 1057A

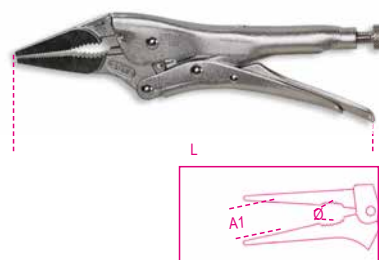
automatic self-locking pliers with adjustable force



L mm	€	2	010570124
240	57,50		

### 1058

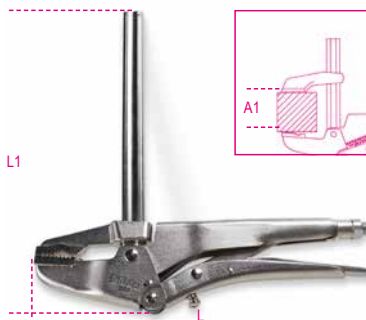
adjustable self-locking pliers, long jaws



L mm	A1 max mm	Ø max mm	€	2	010580017
175	34	26	35,00		
225	46	31	42,00		010580025

### 1059

adjustable self-locking pliers with one sliding jaw

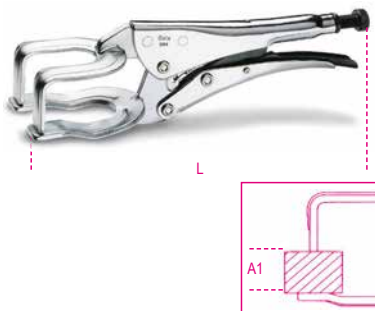


L1 mm	L mm	A1 mm	€	1	010590016
160	255	120	62,50		
270	255	220	65,50		010590027

# Beta

### 1060

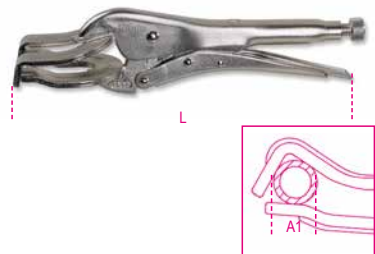
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm	€	2	010600020
200	50	44,50		
280	80	56,00		010600028

### 1061

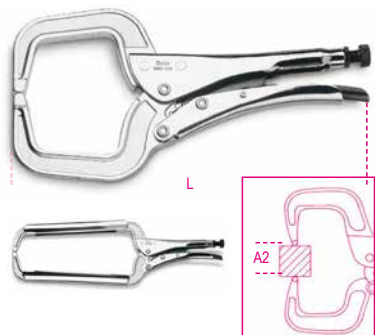
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm	€	2	010610027
275	80	48,50		

### 1062

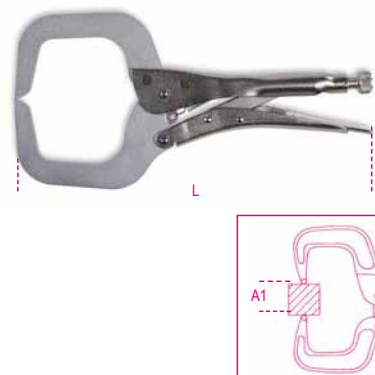
adjustable self-locking pliers with C-shaped jaws



L mm	A2 max mm	€	2	010620017
170	50	34,50		
290	120	46,00		010620029
460	255	65,00		010620045

### 1062AL

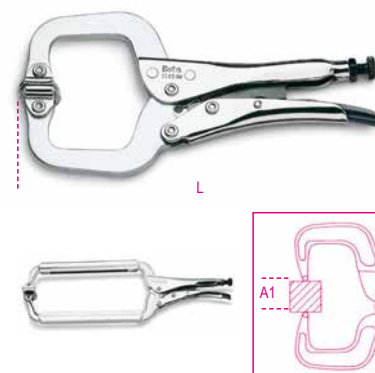
adjustable self-locking pliers, aluminium C-shaped jaws



L mm	A1 max mm	€	2	010620327
275	88	60,50		

### 1062GM

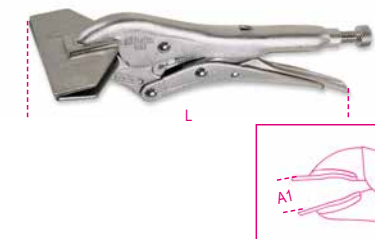
adjustable self-locking pliers with floating C-shaped jaws



L mm	A1 max mm	€	2	010620217
170	45	37,50		
290	88	53,00		010620229
460	255	75,00		010620245

### 1063

adjustable self-locking pliers for tinsmiths



L mm	A1 max mm	€	2	010630021
200	31	45,00		

# Beta

### 1064

adjustable self-locking pliers with chain



L mm	Ø mm	€	🔧	📄
230	150	64,00	2	010640023

### 1065F

hand punch steel punch and matrix



Ø mm	L mm	€	🔧	📄
5	228	122,50	1	010650010
6	228	123,50	1	010650015

### 1065P

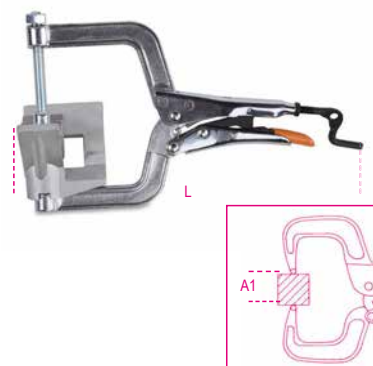
hand crimper steel matrix



L mm	€	🔧	📄
228	126,00	1	010650020

### 1066

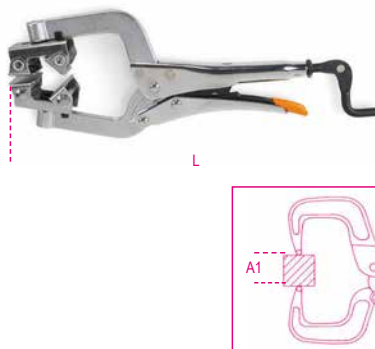
adjustable self-locking pliers, 90° locking angle



L mm	A1 max mm	i g	€	🔧	📄
210	55	500	84,50	1	010660021

### 1067

adjustable self-locking pliers for pipes, articulated pipe clamping jaws



L mm	A1 max mm	€	🔧	📄
285	76	53,50	1	010670285
380	89	55,00	1	010670380

### 1077

straight wide blade tinsmith's pliers, PVC-coated handles



L mm	A mm	L1 mm	€	🔧	📄
280	60	53	55,00	1	010770026

### 1078

curved wide blade tinsmith's pliers, 45° PVC-coated handles

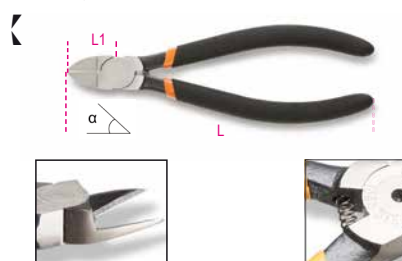


L mm	A mm	L1 mm	€	🔧	📄
280	60	77	56,00	1	010780026

### 1080D

diagonal flush cutting nippers, slip-proof double layer PVC coated handles

For cutting plastic

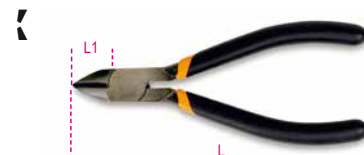


α	L mm	L1 mm	€	🔧	📄
15°	160	22	29,50	3	010800015
45°	160	22	35,50	3	010800045

### 1081

semi-flush cutting nippers, slip-proof double layer PVC coated handles

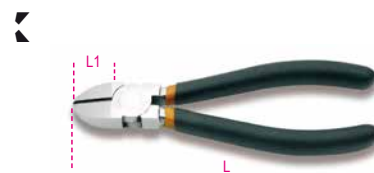
• For micro-mechanics and heavy-duty electronics



L mm	L1 mm	€	🔧	📄
125	16	30,50	3	010810130

### 1082

diagonal cutting nippers, chrome-plated, slip-proof double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	mm	€	🔧	📄
140	20	1,6	26,50	5	010820004
160	22	1,6	27,50	5	010820006

### 1082G

diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish



UNI/ISO 5749

L mm	L1 mm	mm	€	🔧	📄
140	20	1,6	22,80	5	010820064
160	22	1,6	23,90	5	010820066

### 1082BM

diagonal cutting nippers, bi-material handles



UNI/ISO 5749

L mm	L1 mm	mm	€	🔧	📄
140	20	1,6	33,00	3	010820034
160	22	1,6	36,00	3	010820036



### 1082GBM

diagonal cutting nippers,  
bi-material handles,  
industrial finish



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
140	20	1,6	29,00	3	010820264
160	22	1,6	32,50	3	010820266

### 1084

heavy duty diagonal cutting nippers,  
chrome-plated,  
slip-proof double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
160	22	1,6	31,00	5	010840006
200	28	2,0	38,50	3	010840010

### 1084G

heavy duty diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
160	22	1,6	27,00	5	010840066
200	28	2,0	33,50	3	010840070

### 1084BM

heavy duty diagonal cutting nippers,  
chrome-plated,  
bi-material handles



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
160	22	1,6	37,50	3	010840036
200	28	2,0	48,50	3	010840040

### 1084GBM

heavy duty diagonal cutting nippers,  
bi-material handles,  
industrial finish



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
160	22	1,6	41,50	3	010840266
200	28	2,0	53,00	3	010840270

### 1088

heavy duty end cutting nippers,  
slip-proof double layer PVC coated handles



UNI/ISO 5748

L mm	L1 mm	mm	€	U	L
160	9	1,6	38,00	2	010880006
200	11	2,0	50,00	2	010880010

### 1088BM

heavy duty end cutting nippers,  
bi-material handles

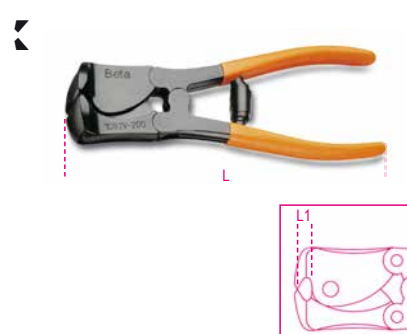


UNI/ISO 5748

L mm	L1 mm	mm	€	U	L
160	9	1,6	46,50	2	010880036
200	11	2,0	63,50	2	010880040

### 1092V

toggle lever assisted end cutting nippers



UNI/ISO 5748

L mm	L1 mm	mm	€	U	L
180	8	2,0	151,50	2	010920280
200	9	2,5	160,00	2	010920310

### 1094V

toggle lever assisted  
diagonal cutting nippers



UNI/ISO 5749

L mm	L1 mm	mm	€	U	L
200	23	2,5	151,50	2	010940200

### 1095N

toggle lever assisted  
diagonal cutting nippers



L mm	L1 mm	mm	€	U	L
195	26	1,6	53,50	2	010950010

### 1096

carpenter's pincers



ISO 9243

L mm	L1 mm	€	U	L
160	21	20,40	5	010960016
200	23	23,70	5	010960020
250	30	32,00	5	010960025



## 1098

construction worker's pincers



ISO 9242 DIN 5242

L	L1	€		
mm	mm			
190	12	20,40	5	010980190
220	13	23,10	5	010980220
250	15	27,50	5	010980250
280	18	30,50	5	010980280

## 1098PL

construction worker's pincers,  
PVC coated handles



ISO 9242 DIN 5242

L	L1	€		
mm	mm			
220	13	25,50	5	010980320
250	15	29,50	5	010980350
280	18	32,50	5	010980380

## 1101

bolt cutter phosphatized blades  
and rubber grip handles



L	L	€		
mm	mm			
300	12	60,50	2	011010030
350	14	74,00	2	011010035
450	18	90,50	1	011010045
600	24	124,00	1	011010060
750	30	160,00	1	011010075
900	36	214,50	1	011010090

L	R = 80	R = 140	g	
mm	Kgf=mm <sup>2</sup>	Kgf=mm <sup>2</sup>		
	Ø mm	Ø mm		
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	

## 1101R

spare blades for item 1101



mm	1101	€		
300	300	36,00	1	011010130
350	350	42,00	1	011010135
450	450	53,50	1	011010145
600	600	72,50	1	011010160
750	750	89,50	1	011010175
900	900	118,50	1	011010190

## 1102

bolt cutters, small series

Cutting capacity  
R= 80 Kg/mm<sup>2</sup>



L	mm	€		
230	4	45,00	3	011020020

## 1103

flat hat bolt cutter  
for rod irons, bolts and electrowelded mesh for  
concrete reinforcement  
max. Ø = 12 mm  
max. Ø (HRC 48) = 6 mm



L	€		
950	161,00	1	011030090

## 1103R

spare head for item 1103



1103R 950	€		
	95,50	1	011030190

## 1104

heavy-duty cutters for flexible steel cables,  
handles with thermoplastic grips



R=80 Kg/mm<sup>2</sup>

L	mm	€		
420	12	155,50	1	011040004
600	16	227,00	1	011040006

## 1104R

spare blades for item 1104



mm	€		
420	96,50	1	011040014
600	134,50	1	011040016

## 1105

punches made from burnished steel



D	L	€		
mm	mm			
2	27	15,50	1	011050002
3	27	15,50	1	011050003
4	27	15,50	1	011050004
5	27	15,50	1	011050005
6	27	15,50	1	011050006
7	27	15,50	1	011050007
8	27	15,50	1	011050008
9	27	15,50	1	011050009
10	27	15,50	1	011050010
12	27	19,00	1	011050012
14	27	19,00	1	011050014
16	27	19,00	1	011050016
18	27	19,00	1	011050018
20	27	19,00	1	011050020
22	32	23,70	1	011050022
24	32	23,70	1	011050024
26	32	23,70	1	011050026
28	32	23,70	1	011050028
30	32	23,70	1	011050030
32	37	31,00	1	011050032
34	37	31,00	1	011050034
36	37	31,00	1	011050036
38	37	31,00	1	011050038
40	37	31,00	1	011050040
42	42	36,50	1	011050042
44	42	36,50	1	011050044
46	42	36,50	1	011050046
48	42	36,50	1	011050048
50	42	36,50	1	011050050



### 1105T20

shank for punches 1105,  
2 to 20 mm



L mm	€		
110	77,00	1	011050200

### 1105T30

shank for punches 1105,  
3 to 30 mm



L mm	€		
175	165,50	1	011050205

### 1105T50

shank for punches 1105  
2 to 50 mm



L mm	€		
175	163,50	1	011050207

### 1105AD-50

shank adaptor for item 1105T50



∅ mm	€		
57	103,50	1	011050210

### 1105/C10T

assortment of 10 punches,  
3 to 20 mm, and 1 accessory



1105/C10T	€		
	172,00	1	011050250

1105	3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 mm
1105T20	
135x92x32 mm	

### 1105/C16T

assortment of 15 punches,  
3 to 30 mm, and 1 accessory



1105C/16T	€		
	311,00	1	011050255

1105	3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 mm
1105T30	
240x210x60 mm	

### 1105/C32T

assortment of 29 punches,  
2 to 50 mm, and 3 accessories



1105/C32T	€		
	607,00	1	011050257

1105	2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 - 38 - 40 - 42 - 44 - 46 - 48 - 50 mm
1105T50	
1105AD-50	
455x380x115 mm	

### 1112

tin snips straight wide blades

Cutting capacity  
R =  $\frac{1}{2}$  60 Kg/mm<sup>2</sup>



L	L1	S	A	€		
mm	mm	mm	mm			
200	50	0,5	26	27,00	2	011120020
250	62	0,8	33	32,50	2	011120025
300	76	1,0	37	42,00	2	011120030
375	76	1,2	44	61,50	1	011120037

### 1114

tin snips straight narrow blades

R = 60 Kg/mm<sup>2</sup>



L	L1	S	A	€		
mm	mm	mm	mm			
250	58	0,5	15	29,00	1	011140265
350	76	1	22	38,00	1	011140340

### 1118

safety strap cutting shears

Fe = normal steel  
Inox = stainless steel



L	L1	Fe	Inox	€		
mm	mm	S mm	S mm			
310	42	1	0,8	47,50	2	011180001

### 1120A

hand nibbler

Fe = normal steel



L	Fe	€		
mm	S mm			
280	1,2	76,00	1	011200101

### 1120ARL - ARG

spare parts for item 1120A



1120ARL	€		
	18,90	1	011200110
1120ARG	€		
	23,70	1	011200120

### 1122

compound leverage shears,  
straight blades

Inox = stainless steel



L	L1	Inox	A	€		
mm	mm	S mm	mm			
250	40	1	24	36,50	2	011220020



### 1123

right cut compound leverage shears,  
curved blades

Inox = stainless steel



L	L1	Inox	A	€	5	011230020
mm	mm	S mm	mm			
250	40	1	24	36,50	2	011230020

### 1124

left cut compound leverage shears,  
curved blades

Inox = stainless steel

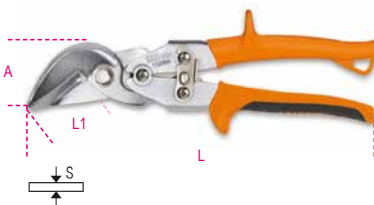


L	L1	Inox	A	€	5	011240020
mm	mm	S mm	mm			
250	40	1	24	36,50	2	011240020

### 1125

compound leverage shears  
for straight and right cuts

Inox = stainless steel

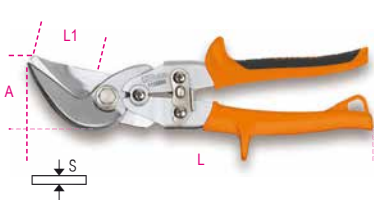


L	L1	Inox	A	€	5	011250020
mm	mm	S mm	mm			
250	35	1	46	57,00	2	011250020

### 1126

compound leverage shears  
for straight and left cuts

Inox = stainless steel



L	L1	Inox	A	€	5	011260020
mm	mm	S mm	mm			
250	35	1	46	57,00	2	011260020

### 1122 - 1125MOL



1122 MOL	1122 - 1124	€	5	011220010
1123 MOL	1123	1,39	1	011230010
1125 MOL	1125 - 1126	1,39	1	011250040

### 1127

telephone engineer's scissors,  
straight blades



L	L1	€	5	011270001
mm	mm			
150	35	16,10	5	011270001

### 1128BAX

Double-acting electricians' scissors,  
with milling profiles in DLC-coated stainless steel

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	mm <sup>2</sup>	€	5	011280088
mm	mm				
150	50	50	35,50	5	011280088

### 1128BMX

electrician's scissors,  
straight stainless steel blades,  
with microteeth



L	L1	€	5	011280051
mm	mm			
147	58,2	18,90	5	011280051

### 1128BMX/F

articulated plastic case  
for item 1128BMX



1128BMX/F	€	5	011280059
	1,91	1	011280059



## 1128FXS ELECTRICIAN'S SCISSORS WITH GRADUATED MILLING PROFILES

To redesign our electrician's scissors, we observed users' daily work. We have made it into a universal tool, incorporating the 4 main features into one object.

**CUTTING** Quick and sharp, for cables up to 50 mm<sup>2</sup>, with a cable cutting groove and a microtoothed blade, for improved hold.

**STRIPPING** The sensitive anti-loosening pin allows even the thinnest cables to be accurately stripped.

**CRIMPING** Safe and durable, for tube terminals.

**COUNTERSINKING** The milling profile allows the holes in pull boxes to be countersunk accurately and neatly.



## 1128BAX DOUBLE-ACTING ELECTRICIANS' SCISSORS WITH MILLING PROFILES IN DLC-COATED STAINLESS STEEL

Scissors 1128BAX stand out for their DLC-finished blades. DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness - resistance to abrasion and wear
- Low coefficient of friction - smoothness and anti-adherence

**Milling profile:** designed to enlarge holes on plastic, from 13 mm to 25 mm.



**+HARDNESS**  
**-COEFFICIENT OF FRICTION**



### 1128BSX

electrician's scissors with graduated milling profiles with case



L mm	L1 mm	€	5	011280061
148	58,2	32,50		

### 1128FX

electrician's scissors, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin



L mm	L1 mm	mm <sup>2</sup>	€	5	011280090
145	52	50	34,50		

### 1128FXS

electrician's scissors with graduated milling profiles, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin

- Profile and mill: designed to enlarge holes on plastic, from 13 to 21 mm.



L mm	L1 mm	mm <sup>2</sup>	€	5	011280095
145	52	50	41,00		

### 1128BM

electrician's scissors, straight blades



L mm	L1 mm	€	5	011280000
145	50	16,40		

### 1129BM

electrician's scissors, curved blades



L mm	L1 mm	€	5	011290000
145	44	17,50		

### 1130BMX

Multituse scissors, straight stainless steel blades, with microteeth



L mm	L1 mm	€	1	011300002
185	60	21,20		

### 1131CK

Kevlar® and fibre optics scissors



L mm	L1 mm	€	1	011310001
203	75	85,00		

### 1132

cable cutters for insulated copper and aluminium cables, slip-proof double layer PVC coated handles



UNI 8791

L	mm	mm <sup>2</sup>	€	U	PC
170	14	50	51,50	2	011320107
230	18	95	63,50	2	011320113

### 1132BM

cable cutters for insulated copper and aluminium cables, bi-material handles



UNI 8791

L	mm	mm <sup>2</sup>	€	U	PC
170	14	50	63,50	2	011320137
230	18	95	78,00	2	011320143

### 1133

cable cutter for copper cables, flexible

up to 325 mm<sup>2</sup>



L	mm	mm <sup>2</sup>	€	U	PC
600	32	300	177,00	1	011330001

### 1133RL

spare blades for item 1133



1133RL	€	U <td>PC </td>	PC
	133,00	1	011330011

### 1134

ratchet cable cutters burnished finish, plastic handles



L	mm	mm <sup>2</sup>	€	U	PC
260	35	400	515,00	1	011340032

### 1134RL

spare blade for item 1134



1134RL	€	U <td>PC </td>	PC
	233,50	1	011340132

### 1134A

ratchet cable cutters burnished finish, plastic handles



L	mm	mm <sup>2</sup>	€	U	PC
240	45	500	783,00	1	011340045

### 1134A/RL

spare blade for item 1134A



1134A/RL	€	U <td>PC </td>	PC
	360,00	1	011340145



### 1142BM

wire stripping pliers, bi-material handles



UNI 7923

L	mm	mm <sup>2</sup>	mm	€	U	PC
160	0,5÷6	0-2,8		42,00	3	011420036

### 1143

wire stripping pliers



L	mm	mm <sup>2</sup>	mm	€	U	PC
165	0,5÷6	1-3,2		82,50	1	011430001

### 1143R

spare blades for item 1143

1143R	€	U <td>PC </td>	PC
	20,80	1	011430011

### 1144D

cable stripping tool



L	mm	mm <sup>2</sup>	mm	€	U	PC
170	4,5÷240	2,5-18		99,00	1	011440010

### 1144D/RG

spare hook for item 1144D



1144D/RG	€	U <td>PC </td>	PC
	33,00	1	011440012

### 1144D/RL

spare blades for item 1144D

1144D/RL	€	U <td>PC </td>	PC
	50,50	1	011440011

### 1144G

cable stripping tool

with adjustable blade for transverse and longitudinal cuts



L	mm	mm <sup>2</sup>	mm	€	U	PC
140	6÷75	2,8-12		55,00	1	011440004



## 1144G/RL

spare blade for item 1144G



1144G/RL	€	12,20	1	0114440005
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## 1144L

cable stripping tool with adjustable blade depth, for transverse and longitudinal stripping

with smooth and hook-shaped retractable blade



L mm	 mm <sup>2</sup>	 mm	€	1	0114440050
145	6-150	4-28	32,00		

## 1144T

cable stripping tool, pocket size, with cutting device



L mm	 mm	 g	€	1	0114440060
112	3,5 ÷ 9	40	22,20		

## 1148A

wire stripping pliers, self-adjusting, with cutting device

cutting capacity  
≠ 10 mm<sup>2</sup> (8 AWG) flexible wires  
≠ 1,5 mm<sup>2</sup> (16 AWG) sturdy wires



L mm	 mm <sup>2</sup>	 mm	€	1	011480100
190	0,02-10	0-4	169,00		

## 1148A/R

spare blades for item 1148A



1148A/R	€	72,50	1	011480102
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# Beta

## 1148B

wire stripping pliers, self-adjusting, with cutting device



L mm	 mm <sup>2</sup>	 mm	€	1	011480200
190	4 ÷ 16	2-5	198,50		

## 1148B/R

spare blades for item 1148B



1148B/R	€	90,50	1	011480202
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## 1148P

wire stripping pliers, self-adjusting, with cutting device



L mm	 mm <sup>2</sup>	 mm	€	1	011480300
165	0.2-6	0-3.5	47,50		

## 1149F

front wire stripping pliers with cutting blade, self-adjusting



L mm	 mm <sup>2</sup>	€	1	011490010
175	0,2 ÷ 6	18,30		

## 1150

combination pliers  
bright chrome-plated,  
slip-proof double layer PVC coated handles

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	 mm	€	5	
160	42	1,6	23,40	5	011500046
180	46	1,8	25,50	5	011500048
200	50	2,0	27,50	5	011500050
220	50	2,0	30,50	2	011500052

## 1150G

heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	 mm	€	5	
160	42	1,6	21,90	5	011500066
180	46	1,8	23,80	5	011500068
200	50	2,0	26,50	5	011500070
220	50	2,0	27,50	2	011500072



# 1150HPC HEAVY DUTY UNIVERSAL PLIERS WITH CUTTING EDGES MADE OF M2 SINTERED STEEL

- The decentralized pin allows the fulcrum to be closer to the cutting point, thereby resulting in an improved lever effect.
- Perfect alignment of the nose and the thin profile allow the pliers to be used in very small areas.
- The body of the pliers is made of a reliable molybdenum steel which has been heat treated in order to be flexible and resistant so as to guarantee a safe grip in any moment.

Shearing stress - static test =	<b>-73%</b>
Average life of cutting edges = (test ISO 5744)	<b>+127%</b>
Hardness of M2 steel cutting edges =	<b>65HRC</b>

**ABSOLUTELY  
GROUNDBREAKING**

**PEARL CHROME-PLATED  
FINISH**

**REMARKABLE CUTTING  
CAPACITY**



## 1150HPC

heavy duty combination pliers with integrated cutting edges and decentralized pin  
matt chrome plated finish  
bi-material handles  
open joint  
integrated cutting edge  
steel: M2  
thickness: 0.20 mm  
angle: 62°  
hardness: 63+65 HRC



ISO 5746

L mm	L1 mm	mm	€		
180	42	1,8	63,00	2	011500618

## 1150BM

combination pliers bright chrome-plated, bi-material handles

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm	€		
160	42	1,6	29,00	3	011500146
180	46	1,8	32,00	3	011500148
200	50	2,0	35,00	3	011500150
220	50	2,0	37,50	2	011500152

## 1150GBM

heavy duty combination pliers, bi-material handles, industrial finish

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm	€		
160	42	1,6	27,00	3	011500266
180	39	1,8	29,00	3	011500268
200	50	2,0	33,00	3	011500270
220	50	2,0	35,00	2	011500272

## 1153

adjustable pliers, two positions, PVC-coated handles



UNI ISO 9343

L mm	L1 mm	€		
200	34	26,50	2	011530120

## 1162

extra-long flat knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles



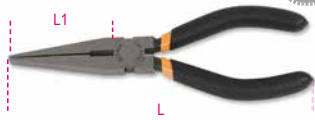
ISO 5745

L mm	L1 mm	mm	€		
160	58	1,6	27,50	5	011620006
200	86	1,6	32,00	5	011620010



## 1162G

extra-long flat knurled nose pliers,  
slip-proof double layer PVC coated handles,  
industrial finish



ISO 5745

L mm	L1 mm	mm	€	5	3
160	58	1,6	23,40	5	011620066
200	86	1,6	27,00	5	011620070

## 1162BM

extra-long flat knurled nose pliers,  
chrome-plated,  
bi-material handles



ISO 5745

L mm	L1 mm	mm	€	5	3
160	58	1,6	33,50	5	011620036
200	86	1,6	37,50	3	011620040

## 1162GBM

extra-long flat knurled nose pliers,  
bi-material handles,  
industrial finish



ISO 5745

L mm	L1 mm	mm	€	5	3
160	58	1,6	29,00	5	011620266
200	86	1,6	34,00	3	011620270

## 1164

extra long bent flat knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	mm	€	5	3
160	54	1,6	30,00	5	011640006
200	76	1,6	33,50	5	011640010

## 1164BM

extra long bent flat knurled nose pliers,  
bi-material handles



ISO 5745

L mm	L1 mm	mm	€	5	3
160	54	1,6	36,50	3	011640036
200	76	1,6	41,50	3	011640040

## 1166

extra-long needle knurled nose pliers,  
chrome-plated,  
slip-proof double layer PVC coated handles

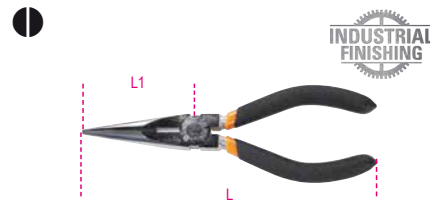


ISO 5745

L mm	L1 mm	mm	€	5	3
160	56	1,6	27,50	5	011660006
200	76	1,6	32,00	5	011660010

## 1166G

extra-long needle knurled nose pliers,  
slip-proof double layer PVC coated handles,  
industrial finish



ISO 5745

L mm	L1 mm	mm	€	5	3
160	56	1,6	23,40	5	011660066
200	76	1,6	27,00	5	011660070

## 1166BM

extra-long needle knurled nose pliers,  
chrome-plated,  
bi-material handles



ISO 5745

L mm	L1 mm	mm	€	5	3
160	56	1,6	33,50	3	011660036
200	76	1,6	37,50	3	011660040

## 1166GBM

extra-long needle knurled nose pliers,  
bi-material handles,  
industrial finish



ISO 5745

L mm	L1 mm	mm	€	5	3
160	56	1,6	29,00	3	011660266
200	76	1,6	34,00	3	011660270

## 1168

extra-long bent needle knurled nose pliers,  
chrome-plated,  
slip-proof double layer PVC coated handles

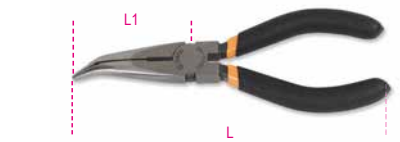


ISO 5745

L mm	L1 mm	mm	€	5	3
160	54	1,6	30,00	5	011680006
200	76	1,6	33,50	5	011680010

## 1168G

extra-long bent needle knurled nose pliers,  
slip-proof double layer PVC coated handles,  
industrial finish



ISO 5745

L mm	L1 mm	mm	€	5	3
160	54	1,6	25,50	5	011680066
200	76	1,6	29,00	5	011680070



### 1168BM

extra-long bent needle knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L	L1	mm	€		
mm	mm	mm			
160	54	1,6	36,50	3	011680036
200	70	1,6	41,50	3	011680040

### 1168GBM

extra-long bent needle knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L	L1	mm	€		
mm	mm	mm			
160	54	1,6	32,50	3	011680266
200	70	1,6	36,50	3	011680270

### 1169/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



1169/D3	€		
1082 160mm	80,50	1	011690053
1150 180mm			
1166 160mm			

### 1169G/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, slip-proof double layer PVC, industrial finish



INDUSTRIAL FINISHING

1169G/D3	€		
1082G 160mm	71,00	1	011690073
1150G 180mm			
1166G 160mm			

### 1169BM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



1169BM/D3	€		
1082BM 160mm	101,50	1	011690133
1150BM 180mm			
1166BM 160mm			

### 1169GBM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, bi-material handles, industrial finish

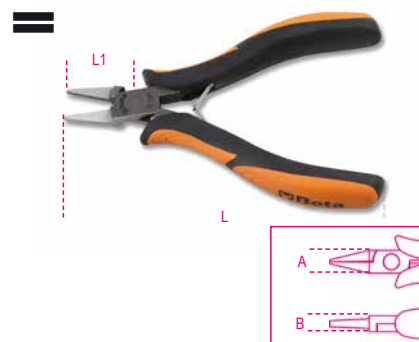


INDUSTRIAL FINISHING

1169GBM/D3	€		
1082GBM 160mm	90,50	1	011690273
1150GBM 180mm			
1166GBM 160mm			

### 1171BM

smooth, flat short nose pliers bi-material handles

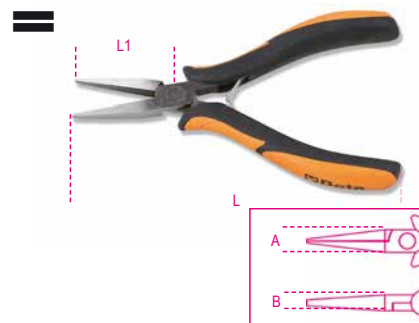


ISO 9655

L	L1	A	B	€		
mm	mm	mm	mm			
130	18	12	8	46,00	2	011710101

### 1172BM

smooth, flat long nose pliers bi-material handles

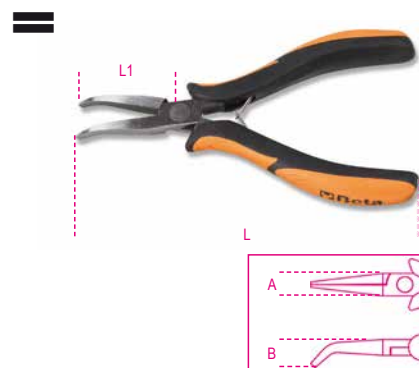


ISO 9655

L	L1	A	B	€		
mm	mm	mm	mm			
140	40	12	8	46,00	2	011720101

### 1172BM/P

smooth, flat bent long nose pliers bi-material handles

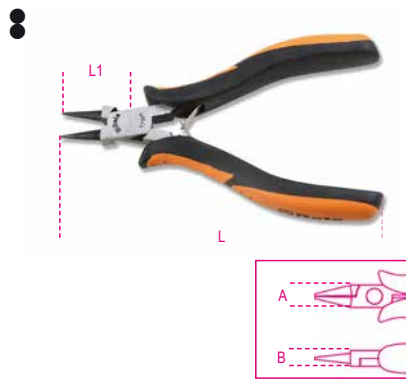


L	L1	A	B	€		
mm	mm	mm	mm			
140	38	12	13	52,50	2	011720102



### 1173BM

round short nose pliers  
bi-material handles

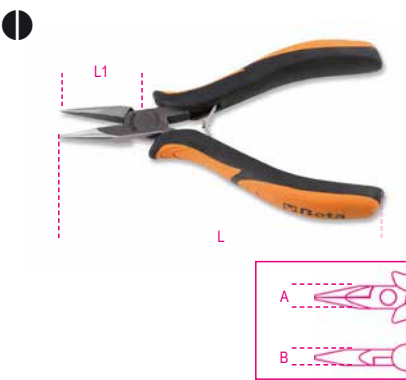


ISO 9655

L	L1	A	B	€	U	W
mm	mm	mm	mm			
125	22	12	8	46,00	2	011730101

### 1175BM

smooth half-round short nose pliers  
bi-material handles

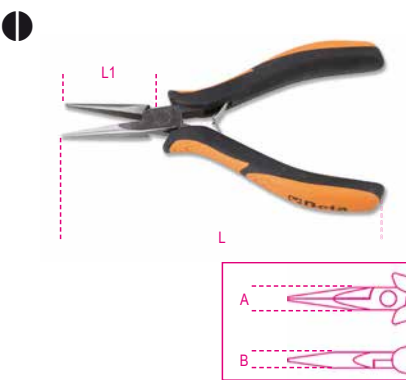


ISO 9655

L	L1	A	B	€	U	W
mm	mm	mm	mm			
140	29	12	8	46,00	2	011750101

### 1177BM

smooth half-round long nose pliers  
bi-material handles

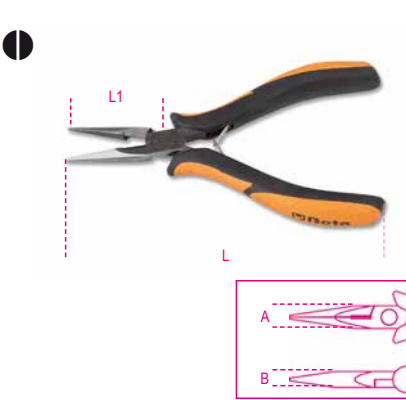


ISO 9655

L	L1	A	B	€	U	W
mm	mm	mm	mm			
140	38	12	8	46,00	2	011770101

### 1177BM/Z

half-round long knurled nose pliers  
bi-material handles

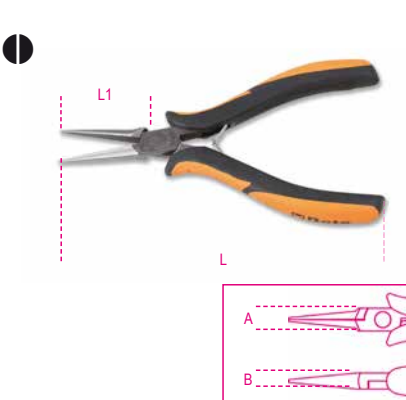


ISO 9655

L	L1	A	B	€	U	W
mm	mm	mm	mm			
140	39	12	8	52,50	2	011770113

### 1178BM

smooth half-round long needle nose pliers  
bi-material handles

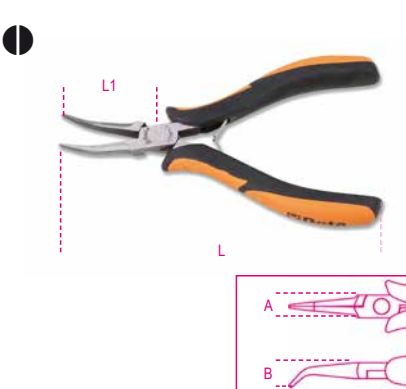


ISO 9655

L	L1	A	B	€	U	W
mm	mm	mm	mm			
140	37	12	8	52,50	2	011780101

### 1178BM/P

smooth half-round long bent  
needle nose pliers  
bi-material handles



L	L1	A	B	€	U	W
mm	mm	mm	mm			
140	36,5	12	12	52,50	2	011780102

Copper cutting nippers.  
For heavier duty jobs see item 1081

### 1182BM

diagonal semi-flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654

L	L1	A	Cu	€	U	W
mm	mm	mm	mm			
120	11	10	1	52,50	2	011820101

### 1183BM

diagonal semi-flush cutting nippers,  
rounded tips  
bi-material handles



ISO 9654

L	L1	A	Cu	€	U	W
mm	mm	mm	mm			
120	11	10	1	52,50	2	011830101



### 1184BM

diagonal flush cutting nippers,  
rounded tips  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
120	11	10	1	52,50	2	011840101
130	13	12,5	1,25	52,50	2	011840102

### 1185BM

diagonal flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
120	11	10	1	52,50	2	011850101
130	13	12,5	1,25	52,50	2	011850102

### 1186BM

diagonal flush cutting nippers,  
slim tapering tips  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
120	11	10	1	52,50	2	011860101
130	13	12,5	1,25	52,50	2	011860102

### 1188BM

diagonal axial cutting nippers  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
125	12	12	1,25	52,50	2	011880101
130	17	15	2	52,50	2	011880102

### 1190BM

end semi-flush cutting nippers  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
120	12	12	1,25	52,50	2	011900113

### 1191BM

end flush oblique cutting nippers  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
130	8	12	0,8	52,50	2	011910101

### 1191BM/L

end flush long oblique cutting nippers  
bi-material handles



ISO 9654						
L mm	L1 mm	A mm	Cu mm	€	🔧	📄
130	18	12	1	52,50	2	011910110

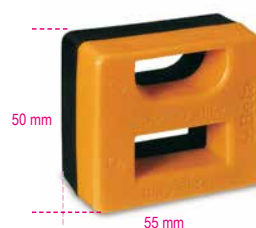
### 1191R/5-M

spare spring kit for pliers and nippers for  
electronics, 5 pairs (items: 1171...1191)

1191R/5-M				€	🔧	📄
				10,30	1	011910995

### 1200MS

magnetizer/demagnetizer



1200MS				€	🔧	📄
				16,60	5	012000000





# Beta **EVOLX**

## THE EVOLUTION OF THE SCREWDRIVER!

The ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools.

The octagonal section prevents any bothersome rolling on the worktop.

The precision area allows the screwdriver to be quickly rotated between the fingers.

The hole on the handle allows the screwdriver to hang for easy storage.

New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.

The style and size of the tip is printed on the round cap for quick identification.

● Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top end professional tools.

● The ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

● The octagonal section prevents any bothersome rolling on the worktop.

● New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.

● The brand-new hole on the handle allows the screwdriver to hang for easy storage.



● The style and size of the tip is printed on the round cap for quick identification.

● The precision area allows the screwdriver to be quickly rotated between the fingers.



### 1201E

screwdriver for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm	€	U	PC
0,4x2,5x50	146	2,5	4,15	5	012011003
0,4x2,5x75	166	2,5	4,30	5	012011006
0,5x3x75	171	3,0	4,35	5	012011009
0,5x3x100	196	3,0	4,70	5	012011012
0,6x3,5x75	171	3,5	4,70	5	012011018
0,6x3,5x100	196	3,5	4,80	5	012011021
0,8x4x100	196	4,0	4,85	5	012011030
0,8x4x125	221	4,0	5,10	5	012011033
0,8x4x150	246	4,0	5,50	5	012011036
1,0x5,5x100	209	5,0	6,05	5	012011039
1,0x5,5x125	234	5,0	6,35	5	012011040
1,0x5,5x150	259	5,0	6,45	5	012011042
1,2x6,5x100	220	6,0	7,20	5	012011048
1,2x6,5x125	234	6,0	7,45	5	012011050
1,2x6,5x150	270	6,0	7,60	5	012011051
1,2x8x150	282	8,0	9,80	3	012011057
1,2x8x200	332	8,0	10,50	3	012011060
1,6x10x200	332	9,5	12,20	3	012011066



1201E/S6	€	U	PC
0,5x3x75-0,6x3,5x100 0,8x4x100-1,0x5,5x100 1,2x8x150-1,6x10x200 mm	42,00	1	012011206

### 1201EN

screwdriver for slotted head screws, extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm	€	U	PC
0,8x4x30	86,5	4	5,90	3	012011103
1,2x6,5x30	86,5	6	6,25	3	012011106

### 1201E/DZ

screwdriver for Dzus® head screws



L mm	L1 mm	€	U	PC
53	173	14,50	2	012011501

## 1202E

screwdriver for cross head Phillips® screws



UNI-ISO 8764

PHxDxL mm	L1 mm	€	📦	🖨️
0x3x60	156	4,30	5	012021003
0x3x100	200	4,80	5	012021006
1x4,5x80	189	5,45	5	012021009
1x4,5x120	229	6,20	5	012021012
2x6x100	220	7,45	5	012021018
2x6x150	270	8,00	5	012021021
3x8x150	282	10,20	3	012021024
4x9,5x200	332	13,40	3	012021027



	€	📦	🖨️
<b>1202E/S4</b> PH0x3x60-PH1x4,5x120 PH2x6x150-PH3x8x150 mm	28,50	1	012021204

## 1202EN

screwdriver for cross head Phillips® screws, extra-short series



UNI-ISO 8764

PHxDxL mm	L1 mm	€	📦	🖨️
1x4,5x30	86,5	5,90	3	012021103
2x6x30	86,5	6,25	3	012021106

## 1202EL

screwdriver for cross head Phillips® screws, long series



UNI-ISO 8764-1

PHxDxL mm	L1 mm	€	📦	🖨️
0x3x300	400	7,60	3	012021303
1x4,5x300	400	8,30	3	012021305
1x4,5x400	508	10,10	3	012021306
2x6x400	519	11,60	3	012021309

## 1203E/D

set of screwdrivers



	€	📦	🖨️
<b>1203E/D5</b>	31,50	1	012031001
1201E	0,6x3,5x100-1,0x5,5x150 1,2x6,5x150 mm		
1202E	PH1x4,5x80-PH2x6x100 mm		

	€	📦	🖨️
<b>1203E/D5PZ</b>	30,50	1	012031003
1201E	0,5x3x75-0,8x4x125 1,0x5,5x150 mm		
1209E/PZ	PZ1x4,5x80-PZ2x6x100 mm		

	€	📦	🖨️
<b>1203E/D6</b>	32,50	1	012031006
1202E	PH1x4,5x80-PH2x6x100 mm		
1204E	0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125 mm		

	€	📦	🖨️
<b>1203E/D7</b>	40,00	1	012031007
1201E	0,5x3x75-0,8x4x100 1,0x5,5x100-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		

	€	📦	🖨️
<b>1203E/D8</b>	51,00	1	012031008
1201E	0,5x3x75-0,8x4x125 1,0x5,5x150-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

	€	📦	🖨️
<b>1203E/D8P</b>	44,00	1	012031018
1201E	2,5x50-3x75-4x100-5,5x100- 6,5x150 mm		
1202E	PH0x60-PH1x80-PH2x100 mm		

	€	📦	🖨️
<b>1203E/D10</b>	64,00	1	012031010
1201E	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x100 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

	€	📦	🖨️
<b>1203E/D10N</b>	56,50	1	012031019
1201E	0,4x2,5x50-0,5x3x75-0,8x4x100- 1,0x5,5x150-1,2x6,5x150 mm		
1201EN	0,8x4x30 mm		
1202E	PH0x3x60-PH1x4,5x80- PH2x6x100 mm		
1202EN	PH1x4,5x30 mm		

**Beta**  
Quality Tools



## 1203E/S



	€	📦	🖨️
<b>1203E/S8</b>	44,50	1	012031009
1201E	2,5x50-3x75-4x100-5,5x125- 6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80- PH2x6x100 mm		

	€	📦	🖨️
<b>1203E/S10</b>	65,00	1	012031021
1201E	0,4x2,5x50-0,5x3x75 0,8x4x125-1,0x5,5x150 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

## 1204E

screwdriver for headless slotted screws



ISO 2380

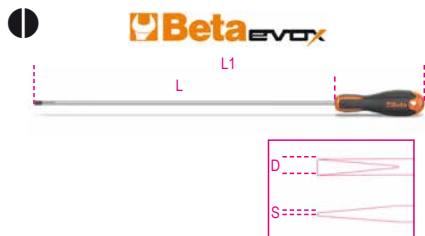
SxDxL mm	L1 mm	€	📦	🖨️
0,4x2,5x60	156	4,25	5	012041003
0,6x3x75	175	4,35	5	012041006
0,5x3x100	196	4,45	5	012041009
0,8x4x100	196	5,00	5	012041012
0,8x4x125	233	5,20	5	012041015
1x5x125	234	6,10	5	012041018
1x5x150	258	6,60	5	012041021
1,2x6,5x150	270	7,20	5	012041024



	€	📦	🖨️
<b>1204E/S5</b> 0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 1,2x6,5x150 mm	27,00	1	012041205

## 1204EL

screwdriver for headless slotted screws, long series



ISO 2380

SxDxL mm	L1 mm	€	🔧	📦	📄
0,5x2,5x200	300	6,25	3	012041303	
0,5x3x300	400	7,45	3	012041306	
0,8x4x400	508	9,15	3	012041309	
1x5x400	508	9,80	3	012041315	
1,2x6,5x400	519	12,50	3	012041318	

## 1205E/ES

hexagon drivers with handles



mm	L mm	L1 mm	€	🔧	📦	📄
1,5	100	200	5,30	3	012051315	
2	100	200	5,45	3	012051320	
2,5	100	200	5,50	3	012051325	
3	100	200	5,70	3	012051330	
4	100	208	6,55	3	012051340	
5	100	219	7,85	3	012051350	
6	125	244	8,05	3	012051360	
8	150	277	10,70	2	012051380	



1205E/ES-S8	€	🔧	📦	📄
1,5-2-2,5-3-4-5-6-8 mm	55,00	1	012051408	

## 1206E/BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	Ø mm	€	🔧	📦	📄
2	100	198	2,5	5,95	3	012061320	
2,5	100	198	3,0	6,05	3	012061325	
3	100	198	3,5	6,15	3	012061330	
4	100	209	5,0	6,90	3	012061340	
5	100	220	6,0	8,30	3	012061350	
6	125	245	7,0	8,55	3	012061360	
8	150	287	9,5	11,40	2	012061380	



1206E/BP-S7	€	🔧	📦	📄
2-2,5-3-4-5-6-8 mm	53,50	1	012061407	

## 1207E/TX

screwdrivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm	€	🔧	📦	📄
T5	50	150	3	6,35	5	012071005	
T6	60	156	4	6,75	5	012071006	
T7	60	156	4	6,90	5	012071007	
T8	60	156	4	7,00	5	012071008	
T9	60	156	4	7,35	5	012071009	
T10	80	189	5	8,30	5	012071010	
T15	80	189	5	8,40	5	012071015	
T20	100	209	5	8,55	5	012071020	
T25	100	209	5	8,80	5	012071025	
T27	100	220	6	9,35	5	012071027	
T30	100	220	6	9,45	5	012071030	
T40	130	262	7	11,20	2	012071040	
T45	130	262	8	12,30	2	012071045	



1207E/TX-D7	€	🔧	📦	📄
T6-T8-T10-T15 T20-T25-T30	57,00	1	012071207	
1207E/TX-D13	€	🔧	📦	📄
T5-T6-T7-T8-T9-T10-T15 T20-T25-T27-T30-T40-T45	110,50	1	012071213	

## 1208E/RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm	€	🔧	📦	📄
T9	60	156	4	7,45	5	012081009	
T10	80	189	5	8,30	5	012081010	
T15	80	189	5	8,80	5	012081015	
T20	100	209	5	8,95	5	012081020	
T25	100	209	5	9,15	5	012081025	
T27	100	220	6	9,95	5	012081027	
T30	100	220	6	10,40	5	012081030	
T40	130	262	7	12,40	2	012081040	

## Beta EVOLX



1208E/RTX-D7	€	🔧	📦	📄
T9-T10-T15-T20 T25-T27-T30	63,00	1	012081207	

## 1209E/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws



UNI-ISO 8764

PZ	L mm	L1 mm	€	🔧	📦	📄
0	60	156	5,00	5	012091000	
1	80	189	6,45	5	012091003	
2	100	220	8,30	5	012091006	
3	150	282	12,70	3	012091009	
4	200	327	13,90	3	012091012	



1209E/PZ-S4	€	🔧	📦	📄
PZ0-PZ1-PZ2-PZ3	32,50	1	012091204	

## 1209EN/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws, extra-short series



ISO 8764

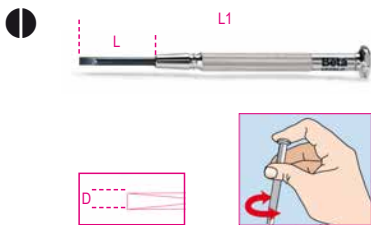
PZ	L mm	L1 mm	€	🔧	📦	📄
1	30	87	5,90	3	012091103	
2	30	87	6,25	3	012091106	





## 1229LP

micro-screwdrivers  
for headless slotted screws



D mm	L mm	L1 mm	€	🔧	📄
1,0	17	75	4,45	5	012290210
1,2	21	85	4,45	5	012290212
1,4	21	89	4,45	5	012290214
1,8	23	94	4,45	5	012290218
2,0	23	98	4,45	5	012290220
2,4	26	103	4,45	5	012290224
3,0	28	108	5,30	5	012290230



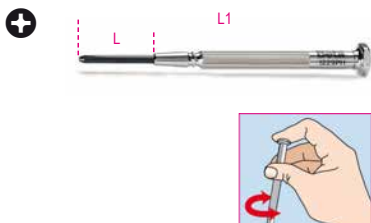
### 1229LP/A6

1,2-1,4-1,8-2-2,4-3 mm

€ 26,50 1 012290300

## 1229PH

micro-screwdrivers for cross head  
Phillips® screws



PH	L mm	L1 mm	€	🔧	📄
0	26	102	4,90	5	012290250
1	29	107	5,20	5	012290251

## 1229LPH/A6

set of 6 micro-screwdrivers  
items 1229LP-1229PH



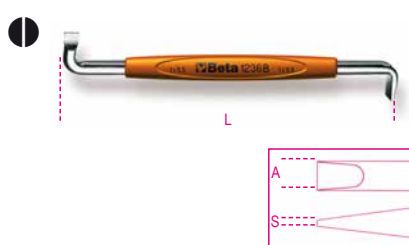
### 1229LPH/A6

1229LP 1,4-2,0-2,4-3 mm  
1229PH PH0-PH1

€ 26,50 1 012290310

## 1236B

offset screwdrivers  
for slotted head screws



UNI 7079 DIN 5200

SxA mm	L mm	€	🔧	📄
0,8x4	100	7,55	5	012360201
1x5,5	125	8,80	5	012360202
1,2x8	150	10,90	5	012360204

## 1238B

offset screwdrivers  
for cross head Phillips® screws



UNI 7083 DIN 5208

PH	L mm	€	🔧	📄
1-2	125	8,95	5	012380201
3-4	200	14,60	5	012380203

## 1241

screwdrivers with steel head for slotted head  
screws



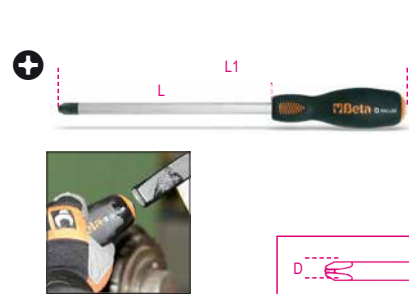
ISO 2380

SxAxL mm	L1 mm	€	🔧	📄
1x5,5x100	202	11,80	5	012410039
1,2x6,5x125	240	13,10	5	012410050
1,2x8x150	268	16,00	3	012410057
1,6X10x175	300	20,00	2	012410065
1,6x10x200	325	20,40	2	012410066
2,0X12x200	325	21,50	2	012410067
2,5X14X250	375	23,50	2	012410076



## 1242

screwdrivers with steel head for cross head  
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm	€	🔧	📄
1x4,5x100	202	11,60	5	012420209
2x6x100	215	13,80	5	012420218
3x8x150	268	17,60	3	012420221
4x11x200	325	23,00	2	012420224

## 1243LP/D6

set of 6 screwdrivers with steel heads, for  
slotted head screws



1243LP/D6	€	🔧	📄
1241 1x5,5x100-1,2x6,5x125-3x8x150-1,6x10x175-2,0x12x200-2,5x14x250 mm	106,00	1	012430016

## 1243/D7

Set of 7 screwdrivers with steel heads



1243/D7	€	🔧	📄
1241 1x5,5x100-1,2x6,5x125-1,2x8x150-1,6x10x200 mm	104,50	1	012430017
1242 PH1x4,5x100-PH2x6x100-PH3x8x150 mm			

## 1243/S11

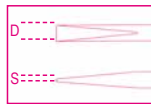
set of 6 screwdrivers with steel heads



1243/S11	192,50	1	012430021
1241	1x5,5x100-1,2x6,5x125-3x8x150-1,6x10x175-1,6x10x200-2,0x12x200-2,5x14x250 mm		
1242	PH1x4,5x100-PH2x6x100-PH3x8x150-PH4x11x200 mm		

## 1250

screwholding screwdrivers for slotted head screws



SxDxL mm	L1 mm	€	5	012500030
0,5x3x125	190	16,80	5	012500030
0,6x4x125	225	18,10	5	012500040
0,7x5x150	255	21,40	5	012500050

## 1251

screwholding screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm	€	5	012510000
0x4x125	225	18,90	5	012510000
1x5x125	225	21,90	5	012510010
2x6x175	280	25,00	5	012510020

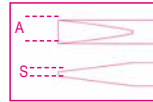
## 1252/S5



1252/S5	103,00	1	012520001
1250	0,5x3x125-0,6x4x125-0,7x5x150 mm		
1251	PH1x5x150-PH2x6x175 mm		

## 1253

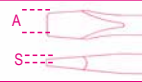
mains testing screwdriver 150/250V



SxAxL mm	L1 mm	€	5	012530001
0,5x3,5x100	190	10,10	5	012530001

## 1253A

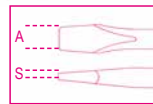
mains testing screwdriver 125/250V, double insulation



SxAxL mm	L1 mm	€	5	012530010
0,5x3x15	150	7,15	5	012530010

## 1254

circuit testing screwdriver 6-24V



SxAxL mm	L1 mm	€	5	012540001
0,5x3x44	123	11,10	5	012540001

## 1256/C36-2

microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension



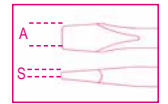
1256/C36-2	71,50	1	012560100
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1256TX	T3 - T4 - T5 - T6 - T7 T8 - T9 - T10 - T15
1256RTX	T6 - T7 - T8 - T9 - T10
1256LP	0,8 - 1,2 - 1,5 - 1,8 - 2 - 2,5 3 - 3,5 - 4 mm
1256PE	0,7 - 0,9 - 1,3 - 1,5 - 2 mm
1256PH	PH000 - PH00 - PH0 - PH1
1256PZ	PZ000 - PZ00 - PZ0 - PZ1
1256/20	
1256/30	

130x60x35 mm - 200 g

## 1256LP

4-mm bits for slotted head screws



SxA mm	L mm	€	5	012560001
0.25x0.8	27	1,39	5	012560001
0.25x1.2	27	1,39	5	012560002
0.3x1.5	27	1,39	5	012560003
0.35x1.8	27	1,39	5	012560004
0.4x2.0	27	1,39	5	012560005
0.4x2.5	27	1,39	5	012560006
0.5x3.0	27	1,39	5	012560007
0.6x3.5	27	1,39	5	012560008
0.8x4.0	27	1,39	5	012560009

## 1256PH

4-mm bits for cross head Phillips® screws



PH	L mm	€	5	012560011
000	27	1,39	5	012560011
00	27	1,39	5	012560012
0	27	1,39	5	012560013
1	27	1,39	5	012560014

## 1256PZ

4-mm bits for slotted head Pozidriv® - Supradriv® screws



PZ	L mm	€	5	012560061
000	27	1,39	5	012560061
00	27	1,39	5	012560062
0	27	1,39	5	012560063
1	27	1,39	5	012560064

## 1256PE

4-mm bits for hexagon head screws



mm	L mm	€	5	012560021
0.7	27	1,39	5	012560021
0.9	27	1,39	5	012560022
1.3	27	1,39	5	012560023
1.5	27	1,39	5	012560024
2.0	27	1,39	5	012560025

## 1256TX

4-mm bits  
for Torx® head screws



⊕	L mm	€	📦	📄
T3	27	1,45	5	012560041
T4	27	1,45	5	012560042
T5	27	1,45	5	012560043
T6	27	1,45	5	012560044
T7	27	1,45	5	012560045
T8	27	1,45	5	012560046
T9	27	1,45	5	012560047
T10	27	1,45	5	012560048
T15	27	1,45	5	012560049

## 1256RTX

4-mm bits  
for Tamper Resistant Torx® head screws



⊕	L mm	€	📦	📄
T6	27	1,73	5	012560051
T7	27	1,73	5	012560052
T8	27	1,73	5	012560053
T9	27	1,73	5	012560054
T10	27	1,73	5	012560055

## 1256/20

hexagon drive extension, 4 mm



	€	📦	📄
1256/20	8,70	5	012560092

## 1256/30

4-mm bit holder with handle



L mm	€	📦	📄
110	10,30	2	012560097

## 1257LP

micro-screwdrivers  
for slotted head screws



SxD mm	L mm	€	📦	📄
0,25x1,2	60	5,50	5	012570012
0,23x1,5	60	5,50	5	012570015
0,3x1,8	60	5,50	5	012570018
0,4x2	60	5,50	5	012570020
0,4x2,5	60	5,50	5	012570024
0,5x3	60	5,50	5	012570030
0,6x3,5	60	5,50	5	012570035
0,8x4	60	5,50	5	012570040



1257LP/S8	€	📦	📄
1257LP/S8	69,00	1	012570200

0,2x1,2-0,25x1,5  
0,3x1,8-0,4x2-0,4x2,5  
0,5x3-0,6x3,5-0,8x4 mm

## 1257PH

micro-screwdrivers  
for cross-head Phillips® screws



PH	L mm	€	📦	📄
00	60	5,50	5	012570060
0	60	5,50	5	012570063
1	60	5,50	5	012570066

## 1257LPH/S8



1257LPH/S8	€	📦	📄
1257LPH/S8	69,00	1	012570210

1257PH PH00-PH0-PH1  
1257LP 0,4x2-0,4x2,5-0,5x3  
0,6x3,5-0,8x4 mm

## 1257ES

micro-screwdrivers hexagon male ends



mm	L mm	€	📦	📄
0,9	60	6,20	5	012570045
1,3	60	6,20	5	012570046
1,5	60	6,20	5	012570047
2	60	6,20	5	012570048
2,5	60	6,20	5	012570049
3	60	6,20	5	012570050

## 1257ESB/S8



1257ESB/S8	€	📦	📄
1257ESB/S8	78,50	1	012570230

1257ES 0,9-1,3-1,5-2-2,5-3 mm  
1257BE 4-5 mm

## 1257TX

micro-screwdrivers for Torx®  
head screws



⊕	L mm	€	📦	📄
T5	60	6,55	5	012570075
T6	60	6,55	5	012570076
T7	60	6,55	5	012570077
T8	60	6,55	5	012570078
T9	60	6,55	5	012570079
T10	60	6,55	5	012570080
T15	60	6,55	5	012570081
T20	60	6,55	5	012570082



1257TX/S8	€	📦	📄
1257TX/S8	77,50	1	012570220

T5-T6-T7-T8  
T9-T10-T15-T20

## 1257BE

micro-screwdrivers hexagon socket wrenches



mm	L mm	€	📦	📄
3,2	60	8,20	5	012570085
4	60	8,20	5	012570086
5	60	8,20	5	012570087
5,5	60	8,20	5	012570088



The BetaGrip screwdrivers are the fruit of Beta's long expertise in screwdriver design and close cooperation with the mechanics of motor racing teams.

New, one-of-a-kind technical solutions capable of satisfying the most demanding professionals' requirements have been used with a view to achieving the highest standards as regards ergonomics, strength and quality of the materials.

- The **blade** is made from special steel with a high silicon, chromium and vanadium content, to ensure improved performance in terms of torsional and flexural strength. A non-glare, matt chrome-plated finish has been chosen.
- The **geometry of the tip** has been designed to ensure perfect coupling between the blade and the screw head. The phosphate-coated finish prevents the tip from getting oxidized, while maintaining precise profiles.
- The **texture** has been inspired by the treads of Racing tyres, developed to maximize grip on different grounds. Hence it ensures effective screwdriver hold under any working conditions, for enhanced precision and control when fitting the tip onto the screw.



## 1260

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm	€	⚙️	📦
0,4x2,5x50	150	2,5	5,65	5	012600003
0,4x2,5x75	175	2,5	5,90	5	012600006
0,5x3x75	175	3,0	6,05	5	012600009
0,5x3x100	200	3,0	6,25	5	012600012
0,6x3,5x75	175	3,5	6,45	5	012600018
0,6x3,5x100	200	3,5	6,55	5	012600021
0,8x4x100	208	4,0	7,15	5	012600030
0,8x4x125	233	4,0	7,45	5	012600033
0,8x4x150	258	4,0	7,75	5	012600036
1x5,5x100	208	5,0	8,20	5	012600039
1x5,5x125	233	5,0	8,35	5	012600040
1x5,5x150	258	5,0	9,10	5	012600042
1,2x6,5x100	219	6,0	9,85	5	012600048
1,2x6,5x125	244	6,0	10,20	5	012600050
1,2x6,5x150	269	6,0	10,60	5	012600051
1,2x8x150	277	8,0	13,00	3	012600057
1,2x8x200	327	8,0	13,40	3	012600060
1,6x10x200	327	9,5	16,30	3	012600066
2x12x250	377	10	19,30	3	012600069
2x14x250	377	10	20,40	2	012600073



1260/S6	€	⚙️	📦
0,4x2,5x75-0,5x3x75-0,8x4x125 1x5,5x150-1,2x6,5x150-1,2x8x200 mm	52,50	1	012600306

## 1260N

screwdrivers for slotted head screws, extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm	€	⚙️	📦
0,8x4x30	87	4	7,55	5	012600103
1,2x6,5x30	87	6	8,35	5	012600106

## 1260E

screwdrivers for slotted head screws with hexagon bolsters



ISO 2380

SxAxL mm	L1 mm	Ø mm	€		
1,2x6,5x150	269	6,0	13,80	3	012600156
1,2x8x175	301	8,0	16,90	3	012600157
1,6x10x200	327	9,5	19,60	2	012600159
2x12x250	377	9,5	22,80	2	012600162

## 1260MC

screwdriver for slotted head screws, coloured



SxAxL mm	L1 mm	Ø mm	€		
0,4x2,5x50	150	2,5	6,15	3	012602003
0,6x3,5x75	175	3,5	6,35	3	012602018
0,8x4x100	208	4,0	7,55	3	012602030
1x5,5x125	233	5,0	9,65	5	012602040
1,2x6,5x150	269	6,0	11,10	5	012602051

## 1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm	€		
0x3x60	160	6,05	5	012620003
0x3x100	200	6,40	5	012620006
1x4,5x80	188	7,95	5	012620009
1x4,5x120	228	8,60	5	012620012
2x6x100	219	9,75	5	012620018
2x6x150	269	10,70	5	012620021
3x8x150	277	14,40	3	012620024
4x10x200	327	18,30	3	012620027



1262/S4	€		
PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm	38,00	1	012620304

## 1262N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764

PHxDxL mm	L1 mm	€		
1x4,5x30	87	7,55	5	012620103
2x6x30	87	8,35	5	012620106

## 1262E

screwdrivers for cross head Phillips® screws with hexagon bolsters



UNI/ISO 8764

PHxDxL mm	L1 mm	€		
2x6x150	269	13,80	3	012620153
3x8x175	302	16,70	3	012620156
4x10x200	327	21,10	2	012620159

## 1262L

screwdrivers for cross head Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm	€		
0x3x300	400	10,40	3	012620203
1x4,5x300	400	12,50	3	012620205
1x4,5x400	508	14,50	3	012620206
2x6x400	519	18,90	3	012620209

## 1262MC

screwdriver for cross head Phillips® screws, coloured



PHxDxL mm	L1 mm	€		
0x3x60	160	6,35	3	012622003
1x4,5x80	188	8,25	3	012622009
2x6x100	219	10,20	3	012622018

## 1263/D...

set of screwdrivers



1263/D6	€		
1260	50,00	1	012630006

1260	0,5x3x75-0,8x4x100
1262	1x5,5x125-1,2x6,5x150 mm
1264	PH1x4,5x80-PH2x6x100 mm

1263/D7	€		
1262	51,50	1	012630017

1262	PH0x3x60
1264	PH1x4,5x80
	PH2x6x100 mm
1264	0,5x2,5x60-0,6x3x100
	0,8x4x125-1x5x125 mm

1263/D7PZ	€		
1260	59,50	1	012630007

1260	0,5x3x75-0,8x4x100
1269PZ	1x5,5x150-1,2x6,5x150 mm
	PZ0 - PZ1 - PZZ

1263/D8	€		
1260	61,50	1	012630008

1260	0,4x2,5x50-0,5x3x75
	0,8x4x100-1x5,5x125
	1,2x6,5x150 mm
1262	PH0x3x60-PH1x4,5x80
	PH2x6x100 mm

1263/D10	€		
1260	78,50	1	012630010

1260	0,5x3x75-0,6x3,5x100
	0,8x4x125-1x5,5x150
	1,2x6,5x150 mm
1260N	0,8x4x30
1262	PH0x3x60-PH1x4,5x80
	PH2x6x100 mm
1262N	PH1x4,5x30

## 1263/S12

set of 12 screwdrivers



1263/S12 € 112,50 1 012630112

1260	0,4x2,5x50-0,5x3x75 0,6x3,5x100-0,8x4x125 1x5,5x125-1,2x6,5x150 1,2x8x200-1,6x10x200 mm
1262	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm

## 1263MC/D8

set of 8 coloured screwdrivers

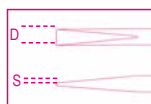


1263MC/D8 € 65,50 1 012632008

1260MC	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5x150 mm
1262MC	PH0x3x60-PH1x4,5x80 PH2x6x100 mm

## 1264

screwdrivers for headless slotted screws



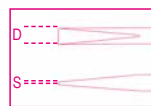
SxDxL mm	L1 mm	€	U	IP
0,5x2,5x60	160	5,65	5	012640003
0,6x3x75	175	6,05	5	012640006
0,6x3x100	200	6,25	5	012640009
0,8x4x100	208	7,15	5	012640012
0,8x4x125	233	7,45	5	012640015
1x5x125	233	8,35	5	012640018
1x5x150	258	8,80	5	012640021
1,2x6,5x150	269	10,60	5	012640024



1264/S5 € 38,00 1 012640305  
0,5x2,5x60-0,6x3x75  
0,8x4x100-1x5x125-1,2x6,5x150 mm

## 1264L

screwdrivers for headless slotted screws, long series



SxDxL mm	L1 mm	€	U	IP
0,5x2,5x200	300	8,45	3	012640203
0,6x3x300	400	9,95	3	012640206
0,8x4x400	508	13,00	3	012640209
1x5x400	508	14,50	3	012640215
1,2x6,5x400	519	17,60	3	012640218

## 1265ES

hexagon drivers with handles



mm	L mm	L1 mm	€	U	IP
1,5	100	200	6,95	3	012650015
2	100	200	7,10	3	012650020
2,5	100	200	7,35	3	012650025
3	100	200	7,75	3	012650030
4	100	208	8,50	3	012650040
5	100	219	9,85	3	012650050
6	125	244	11,10	3	012650060
8	150	277	14,80	2	012650080



1265ES/S8 € 73,50 1 012650308  
1,5-2-2,5-3-4-5-6-8 mm

## 1266BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	€	U	IP
2	100	200	7,55	3	012660020
2,5	100	200	7,85	3	012660025
3	125	225	8,20	3	012660030
4	125	233	9,10	3	012660040
5	120	239	10,60	3	012660050
6	140	259	12,30	3	012660060
8	160	287	15,50	2	012660080
10	160	287	18,60	2	012660100



1266BP/S8 € 89,50 1 012660308  
2-2,5-3-4-5-6-8-10 mm

## 1267TX

drivers for Torx® head screws, with handles



Ø	L mm	L1 mm	Ø mm	€	U	IP
T5	50	150	3	8,45	5	012670005
T6	50	150	3	8,80	5	012670006
T7	50	150	3	9,10	5	012670007
T8	60	160	3	9,55	5	012670008
T9	60	167	4	9,95	5	012670009
T10	80	188	4	10,30	5	012670010
T15	80	188	4	10,90	5	012670015
T20	100	208	4,5	11,50	5	012670020
T25	100	208	5	12,50	5	012670025
T27	115	234	6	13,00	5	012670027
T30	115	234	6	13,70	5	012670030
T40	130	257	7	15,90	2	012670040
T45	130	257	8	17,40	2	012670045





1267TX/D7  
T6-T8-T10-T15  
T20-T25-T30

€ 77,00 1 012670307



1267TX/S13  
T5-T6-T7-T8-T9  
T10-T15-T20-T25  
T27-T30-T40-T45

€ 151,00 1 012670312

### 1267MC/TX

drivers for Torx® head screws, with handles, coloured



	L mm	L1 mm	Ø mm	€	📦	📄
T6	50	150	3	9,30	5	012672006
T8	60	160	3	9,85	5	012672008
T10	80	188	4	10,80	5	012672010
T15	80	188	4	11,50	5	012672015
T20	100	208	4,5	12,30	5	012672020
T25	100	208	5	12,90	3	012672025
T30	115	234	6	14,20	3	012672030



1267MC/TX-D7  
T6-T8-T10-T15  
T20-T25-T30

€ 81,00 1 012672307

### 1268RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm	€	📦	📄
T9	60	167	4,0	10,80	3	012680009
T10	80	188	4,0	11,20	3	012680010
T15	80	188	4,0	11,50	3	012680015
T20	100	208	4,5	12,50	3	012680020
T25	100	208	5,0	12,80	3	012680025
T27	115	234	6,0	13,70	3	012680027
T30	115	234	6,0	13,90	3	012680030
T40	130	257	7,0	16,10	2	012680040



1268RTX/S8  
T9-T10-T15-T20  
T25-T27-T30-T40

€ 102,50 1 012680307

### 1269PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm	€	📦	📄
0	60	160	6,90	5	012690000
1	80	188	8,95	5	012690001
2	100	219	10,80	5	012690002
3	150	277	15,50	3	012690003
4	200	327	19,80	3	012690004



1269PZ/S4  
PZ0-PZ1-PZ2-PZ3

€ 42,00 1 012690304

### 1269N/PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws, extra-short series



UNI/ISO 8764

PZ	L mm	L1 mm	€	📦	📄
1	30	87	7,55	5	012690011
2	30	87	8,35	5	012690012

### 1281BG

interchangeable blade screwdriver handle



L mm	Ø mm	€	📦	📄
118	10	12,70	5	012810280

### 1281PM

quick-fit magnetic bit holder



L mm	€	📦	📄
165	21,70	5	012810292

### 1281PB

socket holder with 1/4" male drive



L mm	€	📦	📄
175	17,30	5	012810293

### 1281LP

reversible screwdrivers for slotted head screws



	€	📦	📄
1281LP/1 0,8x4-1,2x6,5 mm	11,10	5	012810302
1281LP/2 1x5,5-1,2x6,5 mm	11,10	5	012810304

## 1281PH

reversible screwdrivers  
for cross head Phillips® screws



PH	€	5	012810310
1-2	11,10		
2-3	11,10		012810312

## 1281LPH

reversible screwdrivers  
for slotted and Phillips® head screws



	€	5	012810321
1281LPH/1 PH0-0,8x4 mm	11,10		
1281LPH/2 PH1-1x5,5 mm	11,10		012810322
1281LPH/3 PH2-1,2x6,5 mm	11,10		012810323

## 1281PZ

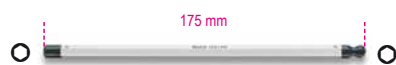
reversible screwdrivers  
for cross head Pozidriv®-Supadriv® screws



PZ	€	5	012810330
1-2	11,10		
2-3	11,10		012810332

## 1281PE

reversible ball head hexagon  
screwdriver blades



mm	€	5	012810342
2,5	10,90		
3	10,90		012810343
4	10,90		012810344
5	10,90		012810345
6	10,90		012810346

## 1281TX

reversible screwdrivers for Torx® head screws



	€	5	012810349
1281TX/1 T6-T8	12,20		
1281TX/2 T7-T9	12,20		012810350
1281TX/3 T10-T15	12,20		012810351
1281TX/4 T20-T25	12,20		012810352
1281TX/5 T30-T40	12,20		012810353

## 1281RTX

reversible screwdrivers  
for Tamper Resistant Torx® head screws



	€	5	012810361
1281RTX/3 T10-T15	12,40		
1281RTX/4 T20-T25	12,40		012810362
1281RTX/5 T30-T40	12,40		012810363

## 1281BG/A9

assortment of 9 reversible screwdrivers  
and 1 accessory in case



1281BG/A9	€	1	012810520
	129,00		

1281BG	
1281LPH/1 PH0-0,8x4 mm	
1281LPH/2 PH1-1x5,5 mm	
1281LPH/3 PH2-1,2x6,5 mm	
1281PZ/1 PZ1-PZ2	
1281PE 2,5 mm	
1281PE 3 mm	
1281PE 4 mm	
1281PE 5 mm	
1281PE 6 mm	

## 1281BG-TX/A8

assortment of 8 reversible screwdrivers  
and 1 accessory in case



1281BG-TX/A8	€	1	012810530
	124,50		

1281BG	
1281LPH/1 PH0-0,8x4 mm	
1281LPH/2 PH1-1x5,5 mm	
1281LPH/3 PH2-1,2x6,5 mm	
1281TX/1 T6-T8	
1281TX/2 T7-T9	
1281TX/3 T10-T15	
1281TX/4 T20-T25	
1281TX/5 T30-T40	

## 1281BG/B28NA

assortment of 16 reversible screwdrivers, 9  
1/4" sockets, 2 accessories and 1 handle, in  
durable polyester wallet



1281BG/B28NA	€	1	012810511
	288,00		

900	4 - 4,5 - 5 - 5,5 6 - 7 - 8 - 9 - 10 mm
1281BG	
1281PB	■ 1/4
900/25	
1281LP/1	0,8x4 - 1,2x6,5 mm
1281LP/2	1,0x5,5 - 1,2x6,5 mm
1281PH/1	PH1 - PH2
1281PH/2	PH2 - PH3
1281PZ/1	PZ1 - PZ2
1281PZ/2	PZ2 - PZ3
1281PE	2,5 - 3 - 4 - 5 - 6 mm
1281TX/1	T6 - T8
1281TX/2	T7 - T9
1281RTX/3	T10 - T15
1281RTX/4	T20 - T25
1281RTX/5	T30 - T40

2002/BV7-ZIP	€	1	020020060
	20,80		



The **BetaMax screwdrivers** rely on several technical characteristics to make work operations even easier.

- The handle is inspired by the triangular section, which ensures optimal screwing, based on a 120° range, in line with maximum wrist rotation.
- The design provides remarkable ergonomic properties, during both quick screwing and tightening operations.
- The chrome-plating free tip ensures perfect coupling with the screw and is protected from oxidation with phosphate-coating treatment.



**1290**  
screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm	€		
0,4x2,5x50	146	2,5	7,10	5	012900003
0,4x2,5x75	171	2,5	7,35	5	012900006
0,5x3x75	171	3,0	7,50	10	012900009
0,5x3x100	196	3,0	7,90	10	012900012
0,6x3,5x75	171	3,5	8,50	10	012900018
0,6x3,5x100	196	3,5	8,65	10	012900021
0,8x4x100	196	4,0	8,75	10	012900030
0,8x4x125	221	4,0	9,00	10	012900033
0,8x4x150	246	4,0	9,60	10	012900036
1x5,5x100	209	5,0	9,80	10	012900039
1x5,5x150	259	5,0	10,90	10	012900042
1,2x6,5x100	220	6,0	12,20	10	012900048
1,2x6,5x150	270	6,0	12,90	10	012900051
1,2x8x150	282	7,0	16,20	3	012900057
1,2x8x200	332	7,0	17,10	3	012900060
1,6x10x200	332	8,0	20,10	3	012900066
2x12x250	382	10	27,00	2	012900069

**1290/S**  
screwdriver set



	€		
<b>1290/S5</b>	<b>56,00</b>	1	012900305

1290 0,5x3x75-0,8x4x100 -1x5,5x150  
1,2x6,5x150 -1,2x8x150 mm

	€		
<b>1290/S9X</b>	<b>105,50</b>	1	012900319

1290 0,4x2,5x75 - 0,5x3,5x100  
0,8x4x125 - 1x5,5x150  
1,2x6,5x150 - 1,2x8x200  
1,6x10x200 mm  
1290N 0,8x4x30 -1,2x6,5x30 mm

**1290N**  
screwdrivers for slotted head screws  
extra short series



ISO 2380

SxAxL mm	L1 mm	Ø mm	€		
0,8x4x30	86	4	9,25	5	012900103
1,2x6,5x30	86	6	10,30	5	012900106

**1292**  
screwdrivers for cross head  
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm	€		
0x3x60	156	6,80	10	012920003
0x3x100	196	7,75	5	012920006
1x4,5x80	189	9,35	10	012920009
1x4,5x120	229	10,40	10	012920012
2x6x100	220	12,40	10	012920018
2x6x150	270	13,30	10	012920021
3x8x150	282	16,90	3	012920024
4x10x200	332	23,40	3	012920027



	€		
<b>1292/S4</b>	<b>45,50</b>	1	012920304

PH0x3x60-PH1x4,5x80  
PH2x6x100-PH3x8x150 mm

**1292N**  
screwdrivers for cross head  
Phillips® screws  
extra short series



UNI/ISO 8764

PHxDxL mm	L1 mm	€		
1x4,5x30	86	8,85	5	012920103
2x6x30	86	9,70	5	012920106

**1292L**  
screwdrivers for cross head  
Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm	€		
0x3x300	396	15,10	3	012920203
1x4,5x400	509	18,70	3	012920206
2x6x400	520	22,90	3	012920209



**1293/D...**  
screwdriver set



1293/D6 € 61,00 1 012930401

- 1290 0,6x3,5x75-1x5,5x150  
1,2x6,5x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

1293/D8 € 85,00 1 012930403

- 1290 0,5x3x75-0,8x4x100  
1x5,5x150-1,2x6,5x150  
1,2x8x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

**1293/S...**  
screwdriver set



1293/S8 € 75,50 1 012930208

- 1290 2,5x50-3x75-4x100-5,5x150  
6,5x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

1293/S10 € 120,00 1 012930201

- 1290 0,4x2,5x50 -0,6x3,5x100  
1x5,5x100-1,2x6,5x150  
1,2x8x150-1,6x10x200 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100-PH3x8x150 mm

1293/S12 € 130,50 1 012930203

- 1290 0,5x3x75-0,8x4x125  
1x5,5x150-1,2x6,5x150  
1,2x8x200 mm
- 1290N 0,8x4x30 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100-PH3x8x150 mm
- 1292N PH1x4,5x30-PH2x6x30 mm

1293/S7 € 62,00 1 012930207

- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm
- 1294 0,5x2,5x60-0,6x3x75  
0,8x4x100-1x5x125 mm



**1293ES**  
hexagon drivers with handles



mm	L mm	L1 mm	Ø mm	€	U	12
2	100	196	3	9,60	5	012930001
2,5	100	196	4	9,60	5	012930002
3	100	196	4	9,90	5	012930003
4	100	196	5	11,20	5	012930004
5	100	209	6	12,40	5	012930005
6	125	245	7	14,00	5	012930006
8	150	282	10	18,70	2	012930008



1293ES/S7 € 85,50 1 012930057  
2-2,5-3-4-5-6-8 mm

**1293BP**  
ball head hexagon drivers with handles



mm	L mm	L1 mm	€	U	12
2	100	196	9,70	5	012930501
2,5	100	196	9,70	5	012930502
3	100	196	10,00	5	012930503
4	100	196	11,20	5	012930506
5	100	209	12,40	5	012930509
6	125	245	14,30	5	012930512
8	150	282	19,50	2	012930515



1293BP/S7 € 87,00 1 012930558  
2-2,5-3-4-5-6-8 mm

**1294**  
screwdrivers for headless slotted screws

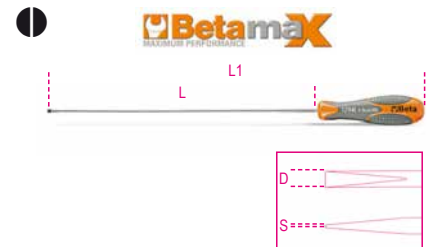


SxDxL mm	L1 mm	€	U	12
0,5x2,5x60	156	6,65	5	012940003
0,6x3x75	171	7,00	5	012940006
0,6x3x100	196	7,20	5	012940009
0,8x4x100	196	8,75	5	012940012
0,8x4x150	246	11,40	5	012940015
1x5x125	234	11,00	5	012940018
1,2x6,5x150	282	13,00	5	012940027



1294/S5 € 46,50 1 012940305  
0,5x2,5x60-0,6x3x100  
0,8x4x100-1x5x125  
1,2x6,5x150 mm

**1294L**  
screwdrivers for headless slotted screws long series



SxDxL mm	L1 mm	€	U	12
0,6x3x300	396	14,50	3	012940206
0,8x4x400	496	17,10	3	012940209
1x5x400	509	21,00	3	012940215
1,2x6,5x400	532	23,50	3	012940218

**1295**  
impact screwdriver



1295 € 63,50 1 012950001  
L mm 130



## 1295/C14

impact screwdriver  
with 14 insets and 1 socket holder



1295/C14 € 150,50 1 012950108

	866LP	1,2x6,5 - 1,6x10 mm
	866PH	PH2 - PH3
	866PZ	PZ2 - PZ3
	866PE	5 - 6 mm
	866TX	T27 - T30 - T40 - T45 - T50 - T55
	895/6	□ 1/2 - ○ 5/16
	1295	■ 1/2

170x100x35 mm - 1,3 kg

## 1297TX

drivers for Torx® head screws,  
with handles



Ø	L mm	L1 mm	Ø mm	€	U	1297TX
T6	50	146	3,0	12,60	5	012970006
T7	50	146	3,0	12,80	5	012970007
T8	60	156	3,0	12,90	5	012970008
T9	60	169	4,0	13,40	5	012970009
T10	80	189	4,0	14,20	5	012970010
T15	80	189	4,0	14,30	5	012970015
T20	100	209	4,5	14,70	5	012970020
T25	100	209	5,0	15,20	5	012970025
T27	115	235	6,0	15,70	5	012970027
T30	115	235	6,0	16,50	5	012970030
T40	130	262	7,0	18,40	2	012970040
T45	130	262	8,0	20,90	2	012970045



1297TX/S12 € 181,50 1 012970312  
T6-T7-T8-T9-T10  
T15-T20-T25-T27  
T30-T40-T45



**Betamax**  
MAXIMUM PERFORMANCE



1297TX/D6 € 90,50 1 012970409  
T10-T15-T20  
T25-T27-T30

## 1297TX/L

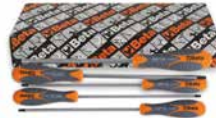
drivers for Torx® head screws, long series



Ø	L mm	L1 mm	Ø mm	€	U	1297TX/L
T15	210	319	4,0	16,00	2	012970115
T20	210	319	4,5	16,40	2	012970120
T25	210	319	5,0	16,90	2	012970125
T30	210	330	6,0	18,20	2	012970130
T45	210	342	8,0	19,70	2	012970145



**Betamax**  
MAXIMUM PERFORMANCE



1297TX/L-S5 € 87,00 1 012970325  
TX/L15-TX/L20-TX/L25-  
TX/L30-TX/L45

## 1298RTX

screwdrivers for Tamper Resistant Torx®  
head screws, with handles



Ø	L mm	L1 mm	Ø mm	€	U	1298RTX
T9	60	169	4,0	14,70	5	012980009
T10	80	189	4,0	15,00	5	012980010
T15	80	189	4,0	16,00	5	012980015
T20	100	209	4,0	16,10	5	012980020
T25	100	209	4,5	16,40	5	012980025
T27	115	235	5,5	17,70	5	012980027
T30	115	235	6,0	18,40	5	012980030
T40	130	262	7,0	19,70	2	012980040



**Betamax**  
MAXIMUM PERFORMANCE



1298RTX/S8 € 134,00 1 012980308  
T9-T10-T15-T20  
T25-T27-T30-T40

## 1299PZ

screwdrivers for cross head  
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm	€	U	1299PZ
0	60	156	9,80	5	012990000
1	80	189	11,50	5	012990003
2	100	220	15,70	5	012990006
3	150	282	22,70	2	012990009
4	200	332	32,00	2	012990012



**Betamax**  
MAXIMUM PERFORMANCE



1299PZ/S6 € 83,50 1 012990306  
1299PZ PZ0-PZ1-PZ2-PZ3  
1299NPZ PZ1-PZ2

## 1299N/PZ

screwdrivers for cross head  
Pozidriv®-Supadriv® screws  
extra short series



UNI/ISO 8764

PZ	L mm	L1 mm	€	U	1299N/PZ
1	30	86	11,20	5	012990021
2	30	86	12,40	5	012990024

**Beta**  
Quality Tools

# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions. For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1438 to 1499 items 1758VT to 1760TMC
<b>Engine</b>	items 955 to 989A items 1438 to 1499
<b>Oil and filters</b>	items 1438 to 1499 items 1877 to 1885
<b>Electric system</b>	items 1438 to 1499
<b>Starters</b>	items 1498BC/12 to 1498/40A
<b>Transmission</b>	items 1438 to 1499
<b>Suspension</b>	items 1549 to 1569CP
<b>Brakes</b>	items 1438 to 1499
<b>Wheels</b>	items 955 to 989A
<b>Body work</b>	items 1302 to 1369 items 1763 to 1767A
<b>Other equipment</b>	items 1878 to 3067
<b>Jacks</b>	items 3029/2T to 3067/70-13T



**1302**  
double end dolly, round,  
convex pein head



g 770 € 98,50 1 013020001

**1303**  
curved dolly



g 1350 € 74,50 1 013030001

**1304**  
sole dolly



g 875 € 93,50 1 013040001

**1305**  
toe dolly



g 1190 € 59,50 1 013050001

**1305Z**  
milled toe dolly



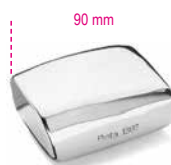
g 1065 € 70,50 1 013050002

**1306**  
heel dolly



g 1040 € 55,50 1 013060001

**1307**  
regular dolly



g 1100 € 109,50 1 013070001

**1308**  
egg dolly



g 1100 € 102,00 1 013080001

**1310**  
general purpose dolly



g 1225 € 63,00 1 013100001

**1312**  
anvil dolly



g 1220 € 135,00 1 013120001



**1314**  
double end dolly, convex, flat head



g 760 € 60,00 1 013140001

**1326**  
curved angle spoon



g 560 € 53,50 1 013260001

**1327**  
heavy-duty spoon



g 1075 € 75,00 1 013270001

**1328**  
pry and bumping spoon



g 935 € 68,00 1 013280001

**1329**  
double-ended spoon



g 1800 € 207,50 1 013290001

**1330**  
long double-ended spoon



g 2125 € 221,00 1 013300001

**1331**  
bending iron with leather face



g 1100 € 122,50 1 013310001

**1335BM**  
bumping blade  
with plastic handle



g 500 € 36,00 2 013350010

**1337/S5**  
set of 5 stopping knives for car repairers,  
made of stainless steel

Japanese type  
(25-50-75-100-125 mm)



L mm 25-50-75-100-125 € 13,80 1 013370015

**1338A - 1338B**  
adjustable body blade holder  
with flexible flat blades



	mm/1"	L mm	€		
1338A	9	360	101,50	2	013380001
1338B	12	360	106,50	2	013380002

**1338**  
body blade holder for item 1338R



1338 € 55,00 2 013380003

**1338R9 - 1338R12**  
spare body blades for item 1338A-B



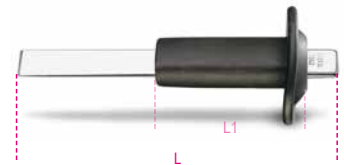
	mm/1"	€		
1338R9	9	46,50	2	013380004
1338R12	12	51,50	2	013380005

**1342**  
extra flat chisel with straight cutter



L mm 235 € 32,00 5 013420001

**1342PM**  
extra flat chisel with straight cutter  
with hand guard



L mm 235 L1 mm 118 € 45,00 2 013420002

**1342PMR**  
spare hand guard for item 1342



1342PMR € 13,20 1 013420003

**1343**  
flat chisel with side cutter



L mm 200 € 33,50 5 013430001

### 1344

feeler gauges for car body repair shops, pair, 10-bladed, with suction cup

- suitable for:
- fitting rear windows
  - maintaining position during installation



1344 € 38,50 1 013440010

### 1344A/VW

fixing hook removal tool for Volkswagen handles



L mm 260 € 17,60 1 013440100

### 1345

hammer with round, convex face and pein, wooden shaft



1345 € 46,50 2 013450010

### 1351

hammer with round, flat face and ball pein, wooden shaft



1351 € 47,00 2 013510010

### 1353

hammer with round, flat face and point pein, wooden shaft



1353 € 48,50 2 013530010

### 1357Z/45

hammers with flat, round, milled face and square, smooth face, wooden shafts



1357Z/45 € 77,50 2 013570045

### 1359T

hammer with round, flat face and horizontal pein, wooden shaft



1359 T € 46,00 2 013590010

### 1360G

soft dead-blow rubber hammer, for installing gaskets and delicate parts

The extremely soft faces prevent any parts being worked on from getting damaged, as they absorb impact by getting deformed.



L mm 280 Ø mm 72 € 78,00 1 013600000

### 1360/K6

aluminium hammer with flat, round face, interchangeable plastic pins and punch

- supplied with:
- 4 plastic pins
  - 1 punch, adjustable in 2 different lengths, applicable to hammer



L mm 320 Ø mm 34 € 89,50 1 013600006

### 1360/KP3

hammers with ball heads and point peins/punches, made of plastic

- Kit contents:
- 1 210 g hammer with head Ø 30 mm
  - 1 290 g hammer with head Ø 40 mm
  - 1 75 g punch with 5 mm pein



1360/KP3 € 86,00 1 013600503

### 1361/C12

set of Teflon® rods for body repair shops



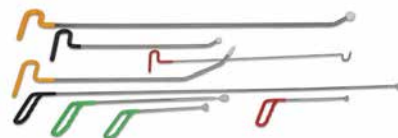
1361/C12 € 135,00 1 013610012

275x160x57 mm

### 1361/K9

kit of 8 levers for bodywork dent pullers

- kit contents:
- round ball head rod, Ø 31 mm, length 110 cm
  - tip rod, length 62 cm
  - whale tail tip rod, length 112 cm
  - hook tip rod, length 27 cm
  - flat round head rod, length 50 cm
  - round ball head rod, Ø 19 mm, length 52 cm
  - whale tail head rod, length 27 cm
  - round whale tail head rod, length 28 cm
  - fabric bag with handles



1361/K9 € 318,00 1 013610030



### 1362B

circular dent reflector made from textile material

- surface fully covered with a nonscratch material
- supplied in a small transport bag



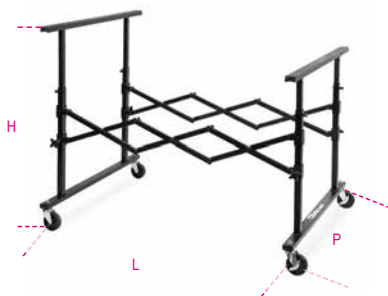
	∅ mm	€		
1362B	755	82,00	1	013620011

### 1364SE

extension bodywork support

Specifications:

- 4 swivel castors, 2 with brakes
- pantograph can be extended up to 1400 mm
- vertically adjustable up to 1315 mm
- position locking
- contact surface covered with removable rubber



	L mm	H mm	P mm	€		
215=1400	780=1315	890	421,00	1	013640001	

### 1364SV

bodywork support with central tray

Specifications:

- contact surface covered in polyethylene
- tray dimensions: 340x845x40 mm
- foldable



	H mm	€		
1000	239,00	1	013640002	

### 1364SCP

revolving bodywork support

particularly suitable for bonnets, wings and doors fitted with 4 castors - 2 steering with brakes can be rotated up to 180°



	H mm	L mm	P mm	€		
1300	1100	680	383,00	1	013640003	

### 1364SP

bodywork support with suction cups

particularly suitable for use with windows fitted with 4 suction cups, Ø 95 mm extension can be adjusted by means of a chain polyethylene coated tube



	H mm	L mm	€		
1250	950	191,00	1	013640004	



### 1365/K13

oil pressure pump, 10 t, and bodywork accessories kit in trolley

Kit contents:

- oil pressure pump, 10 t, with 1.5-m-long hose, 1/2" coupling
- piston
- wing opening pliers; capacity: 500 kg
- baseplate, 150x90 mm
- L-shaped base, 50x50 mm
- 4-point punch
- round, knurled punch, Ø 50 mm
- wedge-shaped punch, 43 mm
- 240-mm-long extension
- 450-mm-long extension
- 475-mm-long extension
- rubber head
- male-to-male coupling for installing accessories



	€		
1365/K13	829,00	1	013650013

900x420x180 mm

### 1365P10

oil pressure pump

1.5-m-long hose, 1/2" coupling



	€		
1365P10	369,00	1	013650110

### 1366A

dent puller with kit of 19 plastic glue tabs

ideal for removing:

- hail dents
- dents caused by doors
- small dents in general



	€		
1366A	93,00	1	013660200



### 1366B

hammer face for plastic dent pulling glue tabs

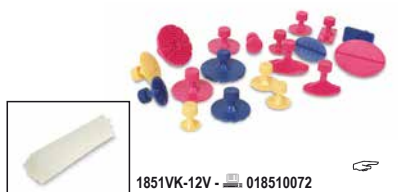
hammer face weight: 500 g



L mm 440 € 52,00 1 013660250

### 1366KF

kit of 19 plastic glue tabs for item 1366A



1851VK-12V - 018510072

1366KF € 34,00 1 013660205

### 1366/K5

pneumatic dent puller, with 1.1 kg hammer face

Kit contents:

- 1 suction cup Ø 75 mm
- 1 suction cup Ø 100 mm
- 1 suction cup Ø 125 mm
- 1 hook



1366/K5 € 244,50 1 013660010

610x240x90 mm

### 1366S

wheeled bodywork spotter

- microprocessor for managing welding parameters
- welding power and time adjustment
- adjustment range: 400+2200 Ah
- single, pulsed, continuous point selector
- welding parameters table
- thermal protection indicator
- quick coupling gun
- voltage: 230 V

CE



1366S € 1.690,00 1 013660000

### 1366S KIT

spotter accessory kit

- 10 slotted washers
- 10 90° slotted washers
- 100 threaded pins, 5x18 mm
- 100 self-threading pins, 5x18 mm
- 100 self-threading pins, 5x25 mm
- washer hook, Ø 8x16x1.5 mm
- electrode for M5-M6 screws
- electrode for slotted washers



1366S KIT € 224,50 1 013660001

250x170x35

### 1366SL

pulling lever for repairing dents on metal surfaces

articulated multihook head for use with crimped wire



L mm 700 € 196,00 1 013660002

### 1366ST

crossbar for repairing dents on metal surfaces

articulated multihook head for use with crimped wire



L mm 850 € 622,00 1 013660003

### 1366S/R1

3-pointed washer mandrel



1366S/R1 € 24,40 1 013660501

### 1366S/R2

3-pointed washer for pulling sheets



1366S/R2 € 24,40 1 013660502

Stated prices are for 20 pieces

### 1366S/R3

electrode for washers Ø 8x16x1.5 mm



1366S/R3 € 29,50 1 013660503

### 1366S/R4

washer hook, Ø 8x16x1.5 mm



1366S/R4 € 25,50 1 013660504

### 1366S/R5

washers Ø 8x16x1.5 mm



1366S/R5 € 14,10 1 013660505

Stated prices are for 100 pieces

# Beta

### 1366S/R6

electrode for M5-M6 screws



1366S/R6 € 28,00 1 013660506

### 1366S/R7

100 self-threading pins, 5x18 mm



1366S/R7 € 24,40 1 013660507

### 1366S/R8

100 self-threading pins, 5x25 mm



1366S/R8 € 33,50 1 013660508

### 1366S/R9

100 threaded pins, M5 x 18 mm



1366S/R9 € 22,60 1 013660509

### 1366S/R10

10 slotted washers



1366S/R10 € 15,60 1 013660510

### 1366S/R11

electrode for slotted washers



1366S/R11 € 79,50 1 013660511

### 1366S/R12

10 90° slotted washers



1366S/R12 € 31,00 1 013660512

### 1366S/R13

sheet flattening electrode



1366S/R13 € 57,00 1 013660513

Stated prices are for 5 pieces

### 1366S/R14

wire spot welding electrode



1366S/R14 € 27,50 1 013660514

### 1366S/R21

crimped wires for use of pulling lever and crossbar



1366S/R21 € 19,30 1 013660551

Stated prices are for 10 pieces

### 1366S/R22

magnetic support for crimped wire



1366S/R22 € 66,50 1 013660552

### 1366S/R24

pull ring M4



1366S/R24 € 77,00 1 013660554

Stated prices are for 5 pieces

### 1366S/R25

pull ring M5



1366S/R25 € 77,00 1 013660555

Stated prices are for 5 pieces

### 1366S/R26

pull ring M6



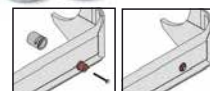
1366S/R26 € 77,00 1 013660556

Stated prices are for 5 pieces

### 1367/S4

set of punches for installing parking sensors

sizes:  
23 - 24 - 27 - 28



1367/S4 € 224,50 1 013670104

### 1367/K10

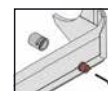
kit of punches for installing parking sensors

Kit contents:

• sizes: 17 - 18 - 18.2 - 19 - 20 - 22.5 - 24 - 26 - 26.7 - 32 mm



∅ 12 mm



1367/K10 € 189,00 1 013670200

190x130x58 mm



## 1368

plastic repair kit

- Allows cracked and broken plastic parts to be quickly fixed

Power supply: 220=240 V with Schuko socket  
 Heat gun cable length: 3.5 m  
 Power supply cable length: 1.35 m  
 2 power adjustments: 35-75 W  
 Heat gun with brass terminals, 2 staple insertion angles: 0°-90°  
 Input protection: thermal circuit breaker  
 Output protection: 10 A fuse  
 Metal gun pocket

CE



1368 € 442,00 1 013680001

## 1368G/K400

assortment of 400 clips for item 1368



1368G/K400 € 75,50 1 013680140

## 1368G/OD

corrugated clips, straight, for item 1368



1368G/OD € 18,90 1 013680100

The prices shown are for 100 pieces

## 1368G/SD

spiral clips, straight, for item 1368



1368G/SD € 18,90 1 013680110

The prices shown are for 100 pieces

## 1368G/CV

convex angle clips for item 1368



1368G/CV € 18,90 1 013680120

The prices shown are for 100 pieces

## 1368G/C2U

concave angle clips for item 1368



1368G/C2U € 18,90 1 013680130

The prices shown are for 100 pieces

## HAMMER HANDLES

Handles made from **hickory** wood  
 Hickory is a type of wood with excellent properties, which suit hammer handles perfectly. Its long fibre structure absorbs vibration and makes it extremely resistant to breakage. In the unlikely event that some fibres should break, the risk that the head will suddenly come off is very small anyway.

Wood handles can be replaced when worn.

As wood is a natural material, it should retain its own moisture. Therefore, the hammer should not be stored in an excessively dry place.

Handles made from **fibreglass**

Handles with fibreglass core are both durable and safe; the risk of breakage and injuries is reduced to a minimum.

They are weathertight and resistant to the most common chemicals.



- **Indestructible fibreglass core**

- **Ergonomic polypropylene frame**

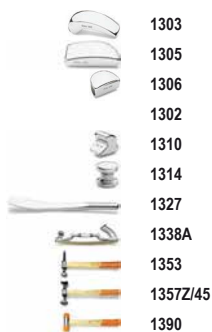
- **Nonslip, comfortable elastomer coating**

## 1369/C11

assortment of 11 tools



1369/C11 € 871,00 1 013690033



470x340x70 mm - 15,2 kg

## 1370

engineer's hammers, wooden shaft



HICKORY

UNI 7778 DIN 1041

g	A mm	L mm	L1 mm	€		
100	15	260	82	12,50	5	013700051
200	19	280	95	14,10	5	013700052
300	23	300	105	16,10	5	013700053
400	25	310	112	18,20	5	013700054
500	27	320	118	19,60	5	013700055
600	30	330	122	22,80	5	013700056
800	33	350	130	25,50	4	013700058
1000	36	360	135	30,50	4	013700060
1500	42	380	145	35,00	2	013700065
2000	47	400	155	41,50	1	013700070





## 1370/MR...

spare shafts for item 1370



	€		
1370MR 100 1370/100	5,60	4	013700081
1370MR 200 1370/200	6,25	4	013700082
1370MR 300 1370/300	6,80	4	013700083
1370MR 400 1370/400	7,30	4	013700084
1370MR 500 1370/500	8,00	4	013700085
1370MR 600 1370/600	8,80	4	013700086
1370MR 800 1370/800	9,20	4	013700088
1370MR 1000 1370/1000	9,85	4	013700090
1370MR 1500 1370/1500	11,10	4	013700095
1370MR 2000 1370/2000	12,50	4	013700100

## 1370T

mechanic's hammers  
fibre shaft



g	A mm	L mm	L1 mm	€		
200	19	280	95	21,70	5	013700620
300	23	300	105	23,70	5	013700630
500	27	320	118	26,00	5	013700650
800	33	350	130	27,50	4	013700680
1000	36	360	135	35,00	4	013700700
1500	42	365	145	41,00	2	013700750

## 1370F

riveting hammers, wooden shaft



NF E 71.014

A mm	L mm	L1 mm	€		
24	260	77	280	21,80	2 013700424
26	260	80	310	23,10	2 013700426
28	280	86	400	24,40	2 013700428
30	280	92	450	25,50	2 013700430
32	300	100	550	27,00	2 013700432
36	300	104	720	35,00	2 013700436
40	330	110	1065	38,50	2 013700440
42	330	116	1080	41,00	2 013700442
50	380	138	1760	43,00	2 013700450
60	380	160	2585	53,00	2 013700460

## 1370F/MR...

spare shafts for item 1370F



	€		
1370F/MR 24 1370F/24-26	5,50	2	013700474
1370F/MR 28 1370F/28-30	6,00	2	013700478
1370F/MR 32 1370F/32-36	6,95	2	013700482
1370F/MR 40 1370F/40-42	8,70	2	013700490
1370F/MR 50 1370F/50	9,85	2	013700495
1370F/MR 60 1370F/60	11,90	2	013700496

## 1370FT

riveting hammers, fibre shafts



A mm	L mm	L1 mm	€		
28	280	86	530	35,50	1 013700528
30	280	92	625	37,00	1 013700530
32	300	100	750	38,50	1 013700532
36	300	104	930	46,00	1 013700536
40	330	110	1150	48,50	1 013700540
42	330	116	1250	50,00	1 013700542
50	380	138	2100	56,00	1 013700550
60	380	160	2750	60,50	1 013700560

## 1374F

carpenter's hammers, wooden shaft



NF E 71.012

A mm	L mm	L1 mm	€		
16	250	80	180	17,40	2 013740416
20	270	86	250	19,40	2 013740420
22	290	92	335	20,00	2 013740422
26	290	103	425	22,60	2 013740426
28	310	108	510	23,70	2 013740428
30	310	117	580	25,00	2 013740430

## 1374F/MR...

spare shafts for item 1374F



	€		
1374F/MR 16 1374F/16	5,10	2	013740456
1374F/MR 20 1374F/20	5,20	2	013740460
1374F/MR 22 1374F/22-26	5,30	2	013740462
1374F/MR 28 1374F/28	6,00	2	013740468
1374F/MR 30 1374F/30	6,45	2	013740470

## 1375

claw hammer, wooden shaft



g	L1 mm	Ø mm	L mm	€		
300	95	25	300	20,00	3	013750000

## 1375/MR

spare shafts for item 1375



	€		
1375/MR	9,10	2	013750003

## 1375A

claw hammers,  
plastic and fibreglass handles



oz	g	L mm	L1 mm	€		
16	450	330	130	29,00	3	013750016
20	570	330	130	30,50	3	013750020

## 1375B

claw hammers, steel shafts



oz	g	L mm	L1 mm	€		
16	450	330	130	26,50	3	013750026
20	570	330	130	27,00	3	013750030

## 1376X

claw hammers with square peins,  
magnets and nail holders  
wooden shaft



g	A mm	L1 mm	L mm	€		
250	20	125	450	19,10	3	013760125
300	25	130	450	20,20	3	013760130
400	27	132	450	22,20	3	013760140

### 1376X/MR

spare shaft for item 1376X



1376X/MR	€ 10,70	2	013760161
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### 1376XT

claw hammers with square peins, magnets and nail holders plastic shaft



g	A mm	L1 mm	L mm	€		
250	20	125	500	23,00	3	013760525
300	25	130	500	24,40	3	013760530
400	27	132	500	26,00	3	013760540

### 1376XT/MR

spare shaft for item 1376XT



1376MR/XT	€ 12,40	2	013760585
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### 1377

ball pein hammers, round heads, for coppersmiths and tinsmiths, wooden shafts



HICKORY

g	L mm	L1 mm	€		
340	330	95	29,00	2	013770134
450	350	102	30,50	2	013770145
570	350	110	35,00	2	013770157
680	360	116	36,50	2	013770168
900	380	120	38,00	2	013770190

### 1377/MR...

spare shafts for item 1377



1377MR 340	€ 6,35	2	013770234
1377/340			
1377MR 450	€ 7,30	2	013770245
1377/450			
1377MR 570	€ 8,10	2	013770257
1377/570			
1377MR 680	€ 8,20	2	013770268
1377/680			
1377MR 900	€ 10,20	2	013770290
1377/900			

### 1377T

ball pein hammers, round hands, for coppersmiths and tinsmiths, fibre shafts



g	L mm	L1 mm	€		
340	330	95	27,00	2	013770534
450	350	102	32,50	2	013770545
570	350	110	35,50	2	013770557
680	360	116	38,00	2	013770568
900	380	120	43,50	2	013770590

### 1378

joiner's hammers, round heads and peins, wooden shaft



HICKORY

g	L mm	L1 mm	Ø mm	€		
340	330	100	27	26,50	2	013780134
570	350	115	32	35,00	2	013780157

### 1378/MR...

spare shafts for item 1378



1378MR 340	€ 6,00	2	013780234
1378/340			
1378MR 570	€ 8,35	2	013780257
1378/570			

### 1379F

electrician's hammers, wooden shafts



HICKORY

NF E 71.011

A mm	L mm	L1 mm	€		
16	250	126	17,30	2	013790416
18	250	135	18,90	2	013790418
20	260	142	20,00	2	013790420

### 1379F/MR...

spare shafts for item 1379F



1379F/MR 16	€ 5,40	2	013790426
1379F/16-18			
1379F/MR 20	€ 6,00	2	013790430
1379F/20			

### 1380

lump hammers, wooden shafts



HICKORY

UNI 7777 DIN 6475

g	A mm	L mm	L1 mm	€		
800	38	260	90	22,20	2	013800208
1000	40	260	95	23,90	2	013800210
1250	43	260	100	25,00	2	013800212
1500	45	280	110	29,00	2	013800215
2000	50	300	120	37,50	2	013800220

### 1380/MR...

spare shafts for item 1380



1380MR 800	€ 7,05	2	013800238
1380/800-1000-1250			
1380MR 1500	€ 7,55	2	013800245
1380/1500			
1380MR 2000	€ 8,60	2	013800250
1380/2000			

### 1380S

mason club hammers with security collars wooden shafts



g	A mm	L mm	L1 mm	€		
800	36	260	90	24,40	2	013800400
1000	39	260	95	27,00	2	013800405
1250	43	260	100	29,00	2	013800410
1500	45	260	110	32,50	2	013800415

### 1380S/MR...

spare shafts for item 1380S



1380S/MR 800	€ 7,30	2	013800417
1380S/800-1000-1250			
1380S/MR 1500	€ 8,00	2	013800419
1380S/1500			

## 1380T

Mason club hammers, fibre shafts



g	A mm	L mm	L1 mm	€		
800	35	260	85	34,00	2	013800308
1000	40	260	100	34,50	2	013800310
1250	42	260	110	36,50	2	013800312
1500	45	260	120	39,00	2	013800315
2000	49	295	120	47,50	1	013800320

## 1381

sledge hammers, Hickory shafts



g	A mm	L mm	L1 mm	€		
3000	55	800	142	90,50	1	013810030
4000	60	900	152	101,00	1	013810040
5000	70	900	162	115,00	1	013810050
8000	80	900	185	198,50	1	013810080

\* = ash shaft

## 1381/MR...

spare shafts for item 1381



	€		
1381MR 3-4 1381/3000-4000	45,00	2	013810730
1381MR 5 1381/5000	47,00	2	013810750
1381MR 8 1381/8000	47,00	2	013810780

## 1381T

sledge hammers, fibre shafts



g	A mm	L mm	L1 mm	€		
3000	55	900	142	98,50	1	013810330
4000	60	900	152	108,00	1	013810340
5000	70	900	162	123,00	1	013810350
8000	82	920	180	227,00	1	013810380

## 1385

copper head hammers, wooden shafts



g	A mm	L mm	L1 mm	€		
400	26	260	75	34,50	2	013850404
600	32	270	80	50,00	2	013850406
800	34	280	90	65,50	2	013850408
1000	37	280	100	81,50	2	013850410
1500	43	280	110	119,50	2	013850415
2000	48	300	120	161,00	1	013850420

## 1385/MR

spare shafts for item 1385



	€		
1385MR 400 1385 400	9,85	2	013850464
1385MR 600 1385 600	10,10	2	013850466
1385MR 800 1385 800	10,40	2	013850468
1385MR 1000 1385 1000	11,20	2	013850470
1385MR 1500 1385 1500	12,50	1	013850475
1385MR 2000 1385 2000	12,80	1	013850480

## 1390

soft face hammers, wooden shafts



UNI 7784

Ø mm	L mm	L1 mm	€		
22	260	70	19,60	5	013900022
28	280	85	24,30	5	013900028
35	310	95	33,00	5	013900035
45	320	107	52,50	4	013900045
60	380	128	89,00	2	013900060

## 1390/MR...

spare shafts for item 1390



	€		
1390MR 22 1390/22	4,80	2	013900222
1390MR 28 1390/28	5,50	2	013900228
1390MR 35 1390/35	6,55	2	013900235
1390MR 45 1390/45	8,00	2	013900245
1390MR 60 1390/60	9,85	2	013900260

## 1390R

spare faces for item 1390



Ø mm	€		
22	3,10	4	013900122
28	4,75	4	013900128
35	6,35	4	013900135
45	10,70	4	013900145
60	18,60	4	013900160

## 1390N

nylon face hammers, wooden shafts

Medium-hard faces: 75 Shore  
Oil and wear resistant  
Particularly suitable for working metal



UNI 7784

Ø mm	L mm	L1 mm	€		
22	260	70	19,60	3	013900522
28	280	85	24,30	3	013900528
35	310	95	33,00	3	013900535
45	320	107	52,50	2	013900545
60	380	128	89,00	2	013900560

## 1390NR

spare nylon faces for item 1390N



Ø mm	€		
22	3,10	4	013900622
28	4,75	4	013900628
35	6,35	4	013900635
45	10,70	4	013900645
60	18,60	4	013900660

## 1391

dead-blow hammers, entirely covered with rubber



Ø mm	L mm	L1 mm	€		
35	280	90	30,00	2	013910135
50	320	105	39,00	2	013910150
55	355	110	46,50	2	013910155
65	380	130	63,50	2	013910165



### 1391A

dead-blow hammers for tile workers, entirely covered with rubber



g	Ø mm	L mm	L1 mm	€	🔧	🚚
500	45	290	100	28,00	2	013910205
1000	60	300	120	37,50	2	013910210

### 1392

dead-blow hammers, with interchangeable plastic faces, steel shafts



Ø mm	L mm	L1 mm	€	🔧	🚚
30	300	105	50,50	2	013920030
35	305	115	54,00	2	013920035
40	310	125	62,50	2	013920040
50	325	135	73,50	2	013920050
60	385	155	113,50	2	013920060

### 1392R

spare faces for item 1392



Ø mm	€	🔧	🚚
30	6,80	4	013920230
35	9,95	4	013920235
40	15,10	4	013920240
50	20,10	4	013920250
60	30,00	4	013920260

### 1393

hard rubber head hammers



Ø mm	L mm	L1 mm	€	🔧	🚚
50	315	90	13,30	3	013930050
60	340	110	15,10	3	013930060
70	370	130	18,10	2	013930070

## VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

### The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1438 to 1499 items 1758VT to 1760TMC
<b>Engine</b>	items 955 to 989A items 1438 to 1499
<b>Oil and filters</b>	items 1438 to 1499 items 1877 to 1885
<b>Electric system</b>	items 1438 to 1499
<b>Starters</b>	items 1498BC/12 to 1498/40A
<b>Transmission</b>	items 1438 to 1499
<b>Suspension</b>	items 1549 to 1569CP
<b>Brakes</b>	items 1438 to 1499
<b>Wheels</b>	items 955 to 989A
<b>Body work</b>	items 1302 to 1369 items 1763 to 1767A
<b>Other equipment</b>	items 1878 to 3067
<b>Jacks</b>	items 3029/2T to 3067/70-13T



### 1410/M

spring pulling hook wrench



Ø mm	€	🔧	🚚
3,5	19,10	2	014100051

### 1428

pullers for damaged nuts with square drive



mm	□	L mm	Ø mm	€	🔧	🚚
8	3/8	36	17	19,10	2	014280008
10	3/8	36	17	19,10	2	014280010
11	3/8	36	17	19,10	2	014280011
12	3/8	36	19	19,10	2	014280012
13	3/8	36	19	19,10	2	014280013
14	3/8	36	19	19,10	2	014280014
15	1/2	38	21	20,20	2	014280015
16	1/2	38	21	20,20	2	014280016
17	1/2	38	21	20,20	2	014280017
18	1/2	38	26	20,20	2	014280018
19	1/2	38	26	20,20	2	014280019
20	1/2	38	26	22,50	2	014280020
21	1/2	38	26	22,50	2	014280021
22	1/2	38	26	24,40	2	014280022
24	1/2	38	26	24,40	2	014280024
27	1/2	38	26	25,50	2	014280027

### 1428L

socket pullers, long series, for damaged right-hand nuts, with square drive



mm	€	🔧	🚚
17	48,50	1	014280217
19	50,00	1	014280219
21	53,50	1	014280221



€	🔧	🚚
152,00	1	014280303



€	🔧	🚚
232,00	1	014280111
128,50	1	014280115

## 1429

pullers for damaged screws and stud bolts with square drive



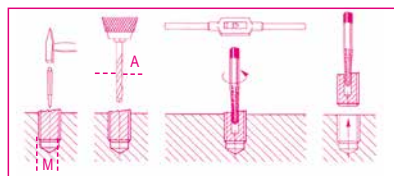
mm	□	L mm	€		
2	3/8	60	12,60	3	014290002
3	3/8	60	12,60	3	014290003
4	3/8	60	12,60	3	014290004
5	3/8	60	13,30	2	014290005
6	3/8	60	13,30	2	014290006
8	1/2	70	14,50	2	014290008
10	1/2	70	14,80	2	014290010



1429/SB7	€		
2-3-4-5-6-8-10 mm	105,00	1	014290107

## 1430/...

tapered extractors for broken screws and studs made from hardened and tempered steel



1430/1	M	A mm	€		
1430/1	3÷6	2,5	3,55	10	014300006
1430/2	6÷8	3,0	3,95	10	014300008
1430/3	8÷11	4,5	4,75	10	014300011
1430/4	11÷14	6,0	6,25	10	014300014
1430/5	14÷18	8,0	7,05	10	014300018
1430/6	18÷24	11,0	13,80	5	014300024
1430/7	24÷33	14,0	20,70	5	014300033
1430/8	33÷50	21,0	26,50	5	014300050

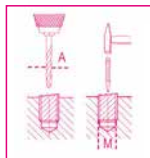


1430/S5	€		
1430/1-1430/2-1430/3 1430/4-1430/5	26,50	1	014300105
1430/S6	38,00	1	014300106
1430/1-1430/2-1430/3 1430/4-1430/5-1430/6	85,00	1	014300108
1430/S8	85,00	1	014300108
1430/1-1430/2-1430/3 1430/4-1430/5-1430/6 1430/7-1430/8			

## 1431/...

tapered extractors for broken screws and studs

For removing screws and studs that cannot be held firmly, percussion mechanism

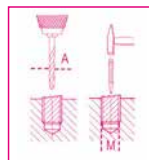


1431/3	M	A mm	L mm	□	€		
1431/3	3÷6	2,5	59	5	6,35	10	014310051
1431/5	6÷8	5,0	68	5	6,35	10	014310052
1431/6	8÷11	6,0	72	6	7,55	10	014310053
1431/8	11÷14	8,0	77	8	8,20	10	014310054
1431/9	14÷18	9,0	82	9	8,80	10	014310055

## 1431/C5

tapered extractors for broken screws and studs

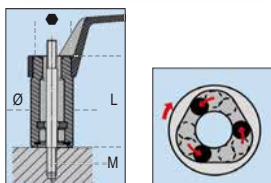
Percussion mechanism



1431/C5	M mm	A mm	€		
1431/C5	6÷18	3÷9	37,50	1	014310005

## 1433

roller stud extractors



M mm	∅ mm	L mm	□	€		
5	21	60	19 3/8	14,10	2	014330005
6	24	60	21 1/2	14,10	2	014330006
7	24	60	21 1/2	14,10	2	014330007
8	24	60	21 1/2	14,10	2	014330008
9	28	70	21 1/2	16,70	2	014330009
10	28	70	21 1/2	16,70	2	014330010
10,5	28	70	21 1/2	16,70	2	014330021
11	28	70	21 1/2	16,70	2	014330011
12	28	70	21 1/2	16,70	2	014330012
14	36	72	24 -	26,50	2	014330014
16	36	72	24 -	26,50	2	014330016

## 1433/C11

roller stud extractors with 1/2" female square drives



1433/C11	€		
M5 - M6 - M7 - M8 - M9 - M10 - M10,5 M11 - M12 - M14 - M16	273,00	1	014330311
340x135x56 mm - 3,0 kg			

## 1435

eccentric stud extractor



∅ mm	€		
4÷20	102,50	1	014350001

## 1435R

spare wheel for item 1435



1435R	€		
	32,00	1	014350010

## 1435/1

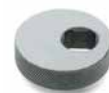
eccentric stud extractor



∅ mm	€		
19÷26	127,00	1	014350002

## 1435/1R

spare wheel for item 1435/1



1435/1R	€		
	33,00	1	014350011

## 1437/C12

assortment of 12 tools for removing air bags



1437/C12 € 102,00 1 014370001

260x160x55 mm - 1,0 kg

## 1438

universal clutch aligner complete with 3 expansion mandrels



1438 € 55,00 1 014380001

## 1438R

spare expansion mandrels for item 1438



∅ mm	€	1	014380101
14÷18	3,75	5	014380101
18÷21	3,75	5	014380102
22÷25	3,75	5	014380103

## 1438DCT

tool for removing and installing 6-speed DCTs

for use on Volvo, Ford, Chrysler and Dodge vehicles

38"



1438DCT € 158,00 1 014380300

## 1438EVO

universal clutch aligning kit

Component parts made entirely from metal



1438EVO € 245,50 1 014380011

290x200x60 mm - 2 kg

## 1438DSG

lever for locking/unlocking DSG dual-clutch gearbox from VAG group



1438DSG € 33,50 1 014380200

## 1438K/DSG-2

tool set for aligning 6- and 7-speed DSG clutches

for use with 6-speed DSG and manual-shift, 7-speed DSG (series 1 and 2) and S-tronic gearboxes.



1438K/DSG-2 € 618,00 1 014380260

350x370x117 mm - 10 kg

## 1438K/PWR

removal/installation tool set for Powershift dual clutch transmission



1438K/PWR € 423,00 1 014380270

440x400x85 mm - 10 kg

## 1438DCT/S

tool set for aligning Ford dry dual clutches

for clutch alignment after carrying out jobs like clutch oil seal replacement



1438DCT/S € 321,00 1 014380305

440x400x85 mm - 8 kg

## 1439/K7

angular screwdriver (90°), long series, with blades, in case



Case contents:

- Angular screwdriver
- 1 slotted screw head
- 1 1/4" bit head
- Special blade head
- 7 special blades

1439K7 € 204,00 1 014390101

500x120x60 mm - 825 g



## 1440/...

piston ring compressors



	Ø mm	L mm	€	🔧	📦
1440/0	40÷75	50	30,50	1	014400000
1440/1	57÷125	80	40,00	1	014400010
1440/1A	57÷125	100	45,50	1	014400011
1440/2	90÷175	80	48,50	1	014400020
1440/2A	90÷175	100	50,50	1	014400021
1440/3	90÷175	165	74,00	1	014400030

## 1445/1 - 1445/2

piston ring expanders



	Ø mm	€	🔧	📦
1445/1	50÷100	42,00	1	014450001
1445/2	90÷150	53,50	1	014450002

## 1452K

valve spring compressor, with three flanges



	€	🔧	📦
1452K	159,00	1	014520100

## 1452PN/K

pneumatic tool for engine valve springs

Thrust pressure: 1400 N



	Ø mm	L mm	L1 mm	€	🔧	📦
16-19-23		230	185	339,00	1	014520110
25-30-42						

## 1454P

scraper for removing packing and sealant residues

particularly recommended for cleaning heads and flat surfaces to match



L mm	L1 mm	Ø mm	€	🔧	📦
210	32	3,3	44,50	1	014540010

## 1455SVP

pneumatic valve grinder

• Pressure: 6 bars



	€	🔧	📦
1455SVP	387,00	1	014550001

## 1455SVP/R...

spare parts for item 1455SVP



	€	🔧	📦
1455SVP/R1	6,95	5	014550501
1455SVP/R2	6,95	5	014550502
1455SVP/R3	6,95	5	014550503

## 1457/B4

tool set for releasing Rilsan hose fittings

Sizes included in set:

- 6x8
- 10x12
- 15x16
- 18x1/2



	€	🔧	📦
1457/B4	52,00	1	014570024

## 1458

external butt-ended circlip pliers



DIN 5417	€	🔧	📦
200 mm	76,00	2	014580001

## 1460F

valve seat removing tool



	€	🔧	📦
1460F	65,00	1	014600010

## 1461/C5G

timing devices for Fiat/Alfa/Lancia/Opel/Suzuki/Ford diesel engines  
Engines: 1.3 Multijet



	€	🔧	📦
1461/C5G	315,00	1	014610053

280x245x75 mm 2,6 kg

## 1461/C6B

timing devices for Peugeot/Citroën petrol engines

Engines: 1.0-1.1-1.4-1.6-1.6 16v-1.6Gti-1.6 18V-1.8-1.8 16v-1.9-2.0-2.0 16v-2.0T-2.0 Hpi-2.2 16v



	€	🔧	📦
1461/C6B	474,00	1	014610063

310x290x120 mm 3,5 kg

## 1461/C6G

timing devices for  
Peugeot/Citroën diesel engines

Engines: 1.4-1.6-2.0D, 1.4-1.6TDCI, 1.4-1.6-2.0-2.2Hdi,  
1.5-1.9-2.5D



1461/C6G € 626,00 1 014610064  
385x290x100 mm 3,8 kg

## 1461/C7B

timing devices for  
Renault/Nissan petrol engines

Engines: 1.4-1.6-1.8-2.0 16V



1461/C7B € 359,00 1 014610072  
280x245x75 mm 3,2 kg

## 1461/C8B

timing devices for Ford petrol engines

Engines: 1.25-1.4-1.6-1.6 SCTi-1.6 Ti-VCT-1.6 16V



1461/C8B € 249,00 1 014610083  
240x210x50 mm 1,8 kg

## 1461/C9B

timing devices for Opel petrol engines

Engines: 1.0 12V, 1.0-1.2-1.4 16V



1461/C9B € 198,50 1 014610092  
335x145x60 mm 2 kg

## 1461/C11A

timing devices for  
Renault engines

Engines: 2.0 dCi



1461/C11A € 210,50 1 014610111  
420x280x60 mm - 1,2 kg

## 1461/C12A

timing devices for  
Fiat engines

Engines: 1.9-2.2 JTS and 1.9 JTD Euro 4



1461/C12A € 375,00 1 014610123  
280x245x75 mm - 1,8 kg

## 1461/C13B

timing devices for Fiat 1.4 Multiair engines



1461/C13B € 259,00 1 014610134  
240x210x50 mm 2,8 kg

## 1461/C18B

timing devices for  
Volkswagen/Audi/Seat and Skoda petrol engines

Engines: 1.6-1.8-1.8T, 1.4-1.6-1.8-2.0 16V,  
1.4-1.6-2.0 FSI



1461/C18B € 492,00 1 014610182  
310x290x120 mm 2,5 kg

## 1461/C20G

timing devices for  
Fiat Iveco/Peugeot/Citroën/Ford diesel engines

Engines: 2.2-2.3-3.0 Multijet



1461/C20G € 856,00 1 014610221  
385x290x100 mm 5,5 kg

## 1461/C21G

timing devices for Renault diesel engines

Engines: 1.6 dCi



1461/C21G € 482,00 1 014610222  
310x290x120 mm 3 kg

## 1461/C23B

timing devices for Opel petrol engines

Engines: 1.0 - 1.2 - 1.4 ecoflex



1461/C23B € 615,00 1 014610224  
280x245x75 mm 2,5 kg

## 1461/C24B

timing devices for Mini-Peugeot/Citroën petrol engines

Engines: 1.4 - 1.6 (N12-N14)



1461/C24B € 717,00 1 014610225  
280x245x75 mm 2,8 kg

## 1461/C25G

timing devices for Mini diesel engines

Engines: 1.6 diesel (W16D)



1461/C25G € 160,00 1 014610226  
270x120x45 mm 1 kg

## 1461/C27G

timing devices for Bmw diesel engines

Engines: 1.6-2.0D (N47-N47S)



1461/C27G € 288,00 1 014610228  
280x245x75 mm 2 kg

## 1461/C28B

timing devices for Volkswagen, Seat and Skoda petrol engines

engines: 1.0 - 1.0 Bluemotion Tech  
1.0 Ecofuel/Ecomotive - 1.0 Green Tech



1461/C28B € 513,00 1 014610229  
280x245x75 mm 1,7 kg



## 1461/C29B

timing devices for Ford petrol engines  
engines: 1.0 EcoBoost



1461/C29B € 737,00 1 014610209  
280x245x75 mm 2,6 kg

## 1461/C30G

timing devices for Volkswagen/Audi/Seat and Skoda diesel engines  
engines: 1.6-2.0 CR TDI  
for engines built as from 2012



1461/C30G € 667,00 1 014610231  
280x245x75 mm 2 kg

## 1461/C32G

timing devices for Opel diesel engines

Engines: 1.6 CDTi (B16)



1461/C32G € 328,00 1 014610233  
270x230x80 mm 1,3 kg



## 1461/C33B

timing devices for Opel petrol engines

Engines: 1.0 - 1.0 Turbo SIDI Ecoflex



1461/C33B € 107,00 1 014610234

## 1462CF/C6

set of 6 single-ended bi-hex wrenches for fuel injector connectors

sizes:  
12-14-16-17-18-19 mm



1462CF/C6 € 101,00 1 014620006

260x145x60 mm - 1,2 kg

## 1462CF

single-ended bi-hex wrenches for fuel injector connectors



mm	€		
12	16,10	1	014620012
14	16,30	1	014620014
16	16,60	1	014620016
17	16,90	1	014620017
19	17,80	1	014620019
18	17,30	1	014620018

## 1462CF-SN/C6

set of 6 single-ended, articulated hexagon wrenches for fuel injector connectors

sizes:  
12-14-16-17-18-19



1462CF-SN/C6 € 146,50 1 014620026

275x182x64 mm

## 1462CF-SN

single-ended, articulated hexagon wrenches for fuel injector connectors



mm	€		
12	25,50	1	014620032
14	26,00	1	014620034
16	27,50	1	014620036
17	28,00	1	014620037
18	28,50	1	014620038
19	30,00	1	014620039

## 1462/KD

tool assortment for removing Denso injectors, complete with hammer



1462/KD € 878,00 1 014620060

335x210x80 mm - 4,8 kg

## 1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed



1462/KI € 2.620,00 1 014620235

530x470x140 mm - 2,0 kg

## 1462/KMRC

tool assortment for removing injectors from Mercedes 2.1L, 2.2L, 3.0 V6 and Chrysler engines

For Bosch (2.1 and 2.2L) and Delphi (3.0) injectors injectors can be removed without removing engine. Particularly suitable for following car models: Mercedes Vito, Vario, CLK, Sprinter, Viano, M, GL, C, GLK, E, CLS, S, R, G Classes Chrysler 300 C



1462/KMRC € 744,00 1 014620070

310x300x118 mm - 3,5 kg

## 1462/KU

universal tool assortment for removing diesel common rail injectors

Complete with pliers and hammer



1462/KU € 783,00 1 014620100

390x290x100 mm - 4,5 kg

## 1462/MB

hammer face kit for removing injectors

Kit contents:

- 1 4 kg hammer face with 400 mm rod
- 1 articulated adapter, male M10x1.5, female M22x1.5 mm
- 1 adapter, male M22x1.5, female M13x1.4 mm
- 1 adapter, male M14x1.5, female M27X1 mm
- 1 adapter, male M14x1.5, male M25x1 mm
- 1 adapter, male M14x1.5, male M27x1 mm
- 1 adapter, male M14x1.5, female M14x1.5 mm
- 1 adapter, male M14x1.5, male M20x1 mm
- 1 adapter, male M14x1.5, male M17x1 mm



1462/MB € 315,00 1 014620110

500x250x80 mm - 7,2 kg

Beta

## 1462AD/BSC

adapter for removing  
Bosch common rail injectors

For use with items Beta 960KI and Beta 1462/KU



1462AD/BSC € 227,00 1 014620435

## 1462AD/SMN

adapter kit for removing  
Siemens and Denso injectors

For use with item Beta 960KI/1462KI



1462AD/SMN € 340,00 1 014620436

## 1462/EI

universal vibration tool for injector removal

- Helps to fully remove jammed injectors from their housings, without damaging cylinder heads and without breaking injectors.
- Can be used with any injector removal set, with or without hammer face.
- Tool acts directly on removal tie rod, which is coupled with injector, through vibrations and pulses.
- Control valve allows vibration intensity to be adjusted to type of work to be carried out.

CE



1462/EI € 693,00 1 014620240

## 1462PIM

injector maintenance  
plates, pair  
vice locking  
sections:  
Ø 11-12-13-14-16-19-20 mm



1462PIM € 109,50 1 014620502

## 1463/KIT

valve timing system pulley locking kit



1463/KIT € 423,00 1 014630001

320x140x75 mm - 1,2 kg

## 1464T

digital pressure and compression tester

### SPECIFICATIONS

- 5" touch screen display
- rechargeable polymer lithium battery
- complete with 80 bar sensor (for low pressure) and USB cable



A major advantage of item 1464T is that you can purchase several different additional kits to perform other tests as well, including the high pressure circuit test in common rail engines:

- **1464ADB** for testing AdBlue® system pressure
- **1464VD** for measuring and storing maximum vacuum value
- **1464FAP** for testing diesel particulate filter (DPF) pressure
- **1464APB** for testing high pressure system in FSI petrol engines
- **1464PF** for testing pressure in braking system
- **1464PT** for testing turbo pressure
- **1464TDI** for testing pump pressure in TDI engines
- **1464FG** Set of dummy regulators for testing diesel common rail system
- **1464CBD** Comprehensive adapter set for testing compression in petrol and diesel engines
- **1464IC** Set of dummy injectors and dummy glow plugs to check compression in diesel engines
- **960AD/TP2** for petrol and diesel engine compression, engine oil pressure, common rail low pressure, petrol injection pressure

1464T € 921,00 1 014640050

## 1464T/SP80

pressure sensor, 80 bars,  
for items 1464T and 960TP



1464T/SP80 € 316,00 1 014640053

## 960AD/TP2

set of adaptors for item 960TP  
in plastic case



960AD/TP2 € 546,00 1 009600510

430x310x50 mm - 3,2 kg

## 1464CBD

comprehensive adapter set for testing  
compression in petrol and diesel engines,  
with tester 1464T

Makes it possible to connect to engine to test petrol and diesel compression with tester 1464T

### Contents:

- 8 dummy spark plugs with non-return valves
- 44 dummy glow plugs with non-return valves
- 1 adjustable universal dummy injector for cars, trucks, marine engines and agricultural machines
- 1 90° adapter, pressure release valve and connecting hose
- space accommodating tester 1464T in case



1464CBD € 752,00 1 014640300

510x410x140 mm - 5,5 kg

## 1464IC

complete set of dummy injectors and dummy  
glow plugs for item 1464T

Makes it possible to connect to the engine to check compression in diesel engines with digital tester 1464T.

### Contents:

- 22 dummy glow plugs
- 5 dummy injectors
- 1 universal dummy injector kit for cars, trucks, marine engines and agricultural machines



1464IC € 618,00 1 014640350

559x312x50 mm - 4,5 kg

## 1464IC/RK

universal dummy injector kit for cars, trucks, marine engines and agricultural machines

supplied with item 1464IC



1464IC/RK € 199,50 1 014640377

200x110x30 mm - 885 g

## 1464AP

set for testing high pressure system in common rail diesel engines, with item 1464T

Complete with:  
- high pressure pipe set  
- fittings  
- 2,000 bar sensor



1464AP € 832,00 1 014640450

430x310x50 mm - 1,8 kg

## 1464APT

high-pressure pipe for items 1464AP and 960TAP



1464AP T12X12 € 65,00 1 014640453  
1464AP T12X14 € 65,00 1 014640454  
1464AP T14X12-M1,0 € 65,00 1 014640455

## 1464AP T16X12



1464AP T16X12 € 77,00 1 014640456

## 1464FG

set of dummy regulators for testing diesel common rail system (for use with Beta 1464T-1464AP)

Used with the tester and suitable adapters, it makes it possible to determine whether the problem is the high pressure pump or the regulator when there is no pressure in the high pressure circuit in common rail engines.  
Recommended for Bosch, Delphi, Denso and Siemens pressure regulators



1464FG € 321,00 1 014640470

350x250x80 mm - 1,8 kg

## 1464FG/CP4

dummy regulator for Bosch CP4 pump, not supplied with item 1464FG



1464FG/CP4 € 47,00 1 014640475

## 1464APB

set for testing high pressure system in FSI petrol engines, for use with item 1464T

comes with 200 bar sensor and connectors



1464APB € 409,00 1 014640500

240x210x50 mm - 0,5 kg

## 1464PB

set of 9 connectors for testing fuel low pressure (for use with item 1464T)

Quick connectors to tester 1464T allow fuel low pressure in diesel and petrol engines to be quickly checked



1464PB € 569,00 1 014640700

530x440x120 mm - 3,8 kg

## 1464ADB

set for testing AdBlue® system pressure for item 1464T

Supplied with adaptors for use with 80-bar standard sensor supplied with item 1464T



1464ADB € 94,50 1 014640620

240x210x50 mm - 0,5 kg

## 1464FAP

set for testing diesel particulate filter (DPF) pressure for item 1464T

Supplied with:  
- 500 mbar sensor  
- 8 mm adaptor with quick coupling and T fitting  
- 3-m-long RJ45 cable



Technical data:  
• Pressure test: 0+500 mbar  
• Resolution: 1 mbar

1464FAP € 203,00 1 014640610

240x210x50 mm - 0,5 kg



## 1464PT

set for testing turbo pressure, for use with item 1464T

comes with sensor and connecting cable



1464PT € 179,00 1 014640550  
240x210x50 mm - 380 g

## 1464TDI

set for testing pump pressure in TDI engines, for use with item 1464T

comes with connector



1464TDI € 128,00 1 014640600  
240x210x50 mm - 400 g

## 1464VD

vacuum testing set for item 1464T

For measuring and storing maximum vacuum value

Supplied with:  
- 800 mbar sensor  
- 6 and 8 mm adaptors  
- 3-m-long RJ45 cable

**Technical data:**  
• Vacuum test: 0-800 mbar  
• Resolution: 1 mbar  
• Maximum value storage



1464VD € 203,00 1 014640570  
240x210x50 mm

## 1464PF

set for testing pressure in braking system, for use with item 1464T

comes with adapters and connectors



1464PF € 733,00 1 014640650  
400x280x60 mm - 3 kg

## 1465

engine efficiency tester

Allows endothermic engine compression to be tested within just a few seconds, without requiring connection to engine, taking power from vehicle battery, through a dedicated software



Step 1: calculating engine rpm  
Step 2: testing battery voltage trend during each revolution  
Step 3: displaying absorbed power and compression calculated through starter operation for each piston  
Step 4: testing battery charge and efficiency

**Technical data:**  
• Operating voltage: 12V DC (vehicle battery)  
• Dimensions: 140x75x30 mm  
• Clamp cable length: 1300 mm  
• Weight: 215 g

1465 € 1.230,00 1 014650010

## 1466/C5

kit of 5 brake bleeding wrenches

kit contents:  
• 5 wrenches sizes 7-8-9-10-11 mm  
• 1 drain hose with check valve



1466/C5 € 135,00 1 014660100  
260x170x50 mm - 600 g

## 1466L 11

brake bleeding wrench, 11 mm, long version



1466L 11 mm L mm € 33,50 1 014660211

## 1466TLF

brake oil recovery tank capacity: 1.5 l

Quick coupler for bleeding pipe Ø 5.5 mm



1466TLF € 48,50 1 014660201

## 1467

brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

1467 l € 360,00 1 014670001

## 1467/RK1

spare tube kit for item 1467



1467/RK1	€ 27,00	1	014670501
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## 1467/RK2

spare filler for item 1467



1467/RK2	€ 103,50	1	014670502
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## 1467LF/2

electric instrument for brake fluid replacement

with "pulsating effect" function



- Automatically stops when tank is empty, thereby preventing air from being let in
  - Maximum tank volume: 20 l
  - Operating pressure: 0.4÷3.5 bar
  - Power supply: 230V
- Supplied with:
- Brake oil recovery tank
  - 1 standard cap E20

1467LF/2	€ 1.875,00	1	014670099
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## 1467LF/RC

vessel with recovery tube for item 1467LF



1467LF RC	€ 114,00	1	014670125
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## 1467TU

plug for brake fluid tanks

- can be adapted to 90% of available tanks
- for use with Beta's item 1467LF



1467TU	€ 70,50	1	014670090
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## 1467T/C6

set of adapter plugs for brake fluid tanks, for use with BETA items 1467LF and 1467LF/2

Set contents:

- 1 plug for Toyota vehicles
- 1 plug for Ford, Hyundai, Mazda, Mitsubishi, Nissan, Subaru vehicles
- 1 plug for Honda vehicles
- 1 plug for Mazda and Suzuki vehicles
- 1 plug for Nissan vehicles
- 1 brake bleeding adapter plug for European vehicles

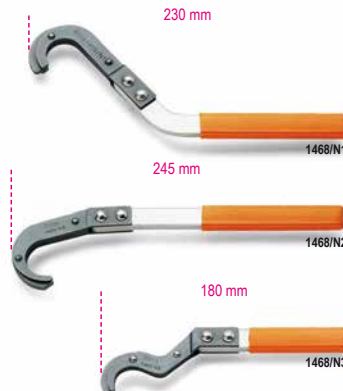


1467T/C6	€ 286,00	1	014670080
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350x240x85 mm - 1,8 kg

## 1468N

valve depressors for disc removal



1468N/1	€ 26,00	1	014680011
1468N/2	€ 26,50	1	014680012
1468N/3	€ 27,00	1	014680013

## 1470

drum brake spring pliers



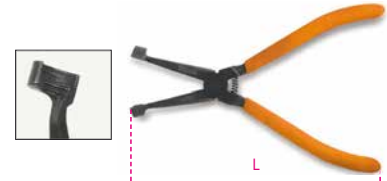
L mm	€	1	014700001
210	42,00	1	014700001
330	53,50	1	014700002
540	161,00	1	014700010

## 1470FT

drum brake shoe spring clamp pliers

40° angled noses

Easy access to awkward spaces

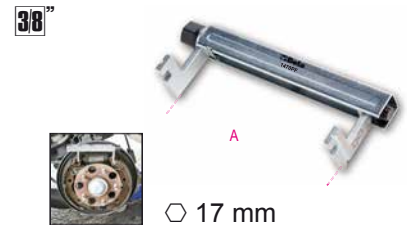


L mm	€	1 <th>014700000</th>	014700000
184	44,50	1	014700000

## 1470PF

tool for replacing cylinders in drum brakes

jaws remain open, for easy cylinder replacement



A mm	€	1 <th>014700200</th>	014700200
25÷140	81,00	1	014700200

## 1471

drum brake spring pliers



L mm	€	1 <th>014710001</th>	014710001
330	82,00	1	014710001

## 1471A

handbrake wire pliers



A max mm	B mm	€	2 <th>014710010</th>	014710010
45	5	99,50	2	014710010

### 1471GF

mouldable hooks for supporting brake calipers while replacing pads, pair



1471GF	Max kg 5	€ 15,10	1	014710310
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### 1471M/C22

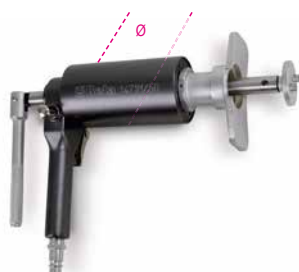
pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



1471M/C22	€ 321,00	1	014710101
350x310x85 mm - 3,5 kg			

### 1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



Ø 50	Kg 150	Bar 5÷8	€ 177,00	1	014710069
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### 1471M/P

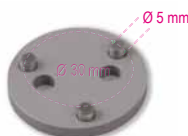
worn pad and TRW-Mégane caliper adapters



1471M/P	€ 27,50	1	014710080
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### 1471M/W50

VW Passat handbrake adapter (≥ 2005)



1471M/W50	€ 9,65	1	014710079
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### 1471PN/B1

Ford handbrake adapter



1471PN/B1	€ 9,65	1	014710081
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### 1471PN/B2

Daily handbrake adapter



1471PN/B2	€ 13,40	1	014710082
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### 1471PN/B3

BMW handbrake adapter



1471PN/B3	€ 9,65	1	014710083
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### 1471PN/B4

BMW handbrake adapter



1471PN/B4	€ 9,65	1	014710084
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### 1471PN/B5

Mini/ BMW handbrake adapter



1471PN/B5	€ 8,35	1	014710085
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### 1471CF

pentagon hand sockets for brake caliper nuts



mm	€	1	014710314
14	18,90	1	014710314
19	18,90	1	014710319

### 1471CM

pentagon socket driver for brake caliper screws



mm	€	1	014710360
10	18,90	1	014710360

### 1471CM/E11

hexagon socket driver, 11 mm, for Mercedes ML brake caliper screws (series 166)



mm	Ø	L	L1	€	1	014710361
11	24	75	15,5	20,00	1	014710361

### 1471PT/C5

impact socket kit for brake calipers nuts

for cars of Volkswagen, Audi & Porsche group  
• 3 10-tooth sockets: 11,5 mm - 15 mm - 20 mm  
• 2 7-tooth socket: Ø 14 mm - 22 mm



1471PT/C5	€ 77,00	1	014710367
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## 1471D2

tool for pushing back front disc brake pistons, with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers



mm 10 € 83,00 1 014710301

250x170x60 mm 1,5 kg

## 1471T/C5

5 slugging wrenches for truck brake calipers

can be used with torque wrenches for tightening operations included sizes:

- female Torx wrenches E18, E20, E24
- ring wrenches M24, M26

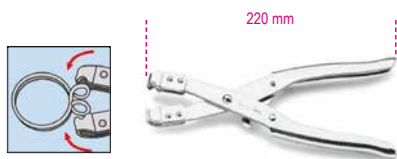


1471T/C5 € 266,00 1 014710400

275x220x60 mm - 3,1 kg

## 1472

hose clamp pliers



1472 € 47,00 1 014720001

## 1472AU

automatic hose clamp pliers



mm 18-53 € 137,00 1 014720100

## 1472R/AU

spare tips for pliers 1472AU



1472AU/R € 52,50 1 014720101

## 1472AU/P

automatic hose ring pliers with extension



mm 18-54 L mm 630 € 120,50 1 014720105

## 1472AU/RP

spare cable for pliers 1472AU/P



1472AUP/R € 29,50 1 014720106

## 1472B/RNLT

double head socket, specially designed for suction hose clamps installed on Renault group engines



1472B/RNLT € 19,10 1 014720250

## 1472FC

Clic® collar pliers with swivel heads



1472FC € 43,50 1 014720090

## 1472FC/GE

heavy-duty Clic® collar pliers

particularly suitable for large-size clippers



L mm 230 € 76,00 1 014720093

## 1472FC/L

Clic® collar pliers with flexible extension



L mm 630 € 116,00 1 014720095

## 1472FCL/RP

spare cable for pliers 1472FC/L



1472FCL/RP € 51,50 1 014720096

## 1472FCA

collar removal pliers with Visa® type rack



1472FCA € 65,50 1 014720041

### 1472H

Henn clamp removal tool



	L mm	€		
1472H	100	25,50	1	014720000

### 1472MT/VW

pair of claws for disconnecting suction manifolds in VAG cars

Can be used on turbocharged petrol engines 1.0 - 1.2 - 1.4



	€		
1472MT/VW	12,40	1	014720500

### 1472TM

quick coupler pliers for multijet filters



	€		
1472TM	30,50	1	014720200

### 1472VW

hose clamp pliers, with swivel heads  
For Volkswagen and Mercedes cars



	€		
1472VW	49,00	1	014720051

### 1473

OETIKER® collar pliers



	€		
1473 275	135,00	1	014730001

### 1473A

slotholder pliers for OETIKER® collars



	€		
1473A	102,50	1	014730010

### 1473P

clamp pliers for OETIKER® low-profile collars



	€		
1473P	38,00	1	014730020

### 1473FN

tool for tightening and cutting strap ties made of stainless steel

For use with Panduit® ties and the like



	€		
A mm 4,7÷9,5	70,50	1	014730501

### 1473T

steel collar cutting nippers

allows collars to be cut without risking damaging guards, sleeves etc.



	A Max mm	L mm	€	
1473T	14	220	64,00	1 014730582

### 1474/C4

kit of 4 tools for removing Volkswagen spark plug coils



	€		
1474/C4	107,00	1	014740100

290x190x50 mm - 1 kg

### 1474E/VW

expansion puller for ignition coils, Volkswagen group



	€		
1474E/VW	29,50	1	014740120

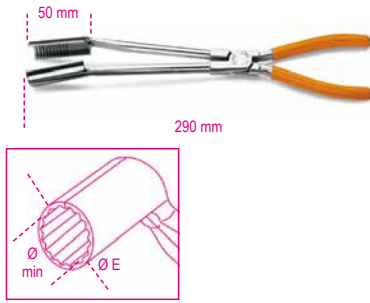
### 1474E/VW2

ignition coil puller, for VAG group vehicles  
for use on engines 1.0 - 1.2 - 1.4 - 2.0



	€		
1474E/VW2	36,00	1	014740150

**1474L**  
spark-plug pliers, curved long nose, 15°



Ø min mm	Ø E mm	€	1	014740010
14	20	86,00	2	

**1474DL**  
spark-plug pliers, long nose,  
double layer PVC coated handles



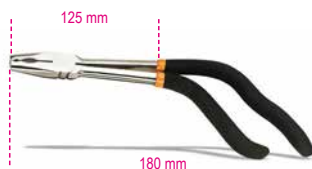
1474DL	€	1	014740015
	41,50		

**1474G**  
curved long nose pliers  
for removing glow plug caps



1474G	€	1	014740200
	46,50		

**1475U**  
combination pliers,  
bright chrome-plated,  
double layer PVC coated gun handles



1475U	€	1	014750010
	43,50		

**1476**  
adjustable self-locking pliers  
for exhaust pipe cutting



Ø min mm	Ø max mm	L mm	€	1	014760002
19	75	225	83,00		

**1476/RC**  
spare chain for item 1476



1476/RC	€	1	014760012
	41,00		

**1476A**  
pliers for exhaust pipe cutting



Ø min mm	Ø max mm	€	1	014760005
30	95	105,50		

**1476A/RC**  
spare chain for item 1476A



1476A/RC	€	1	014760015
	90,50		

**1476C/1**  
exhaust pipe expanders



1476C/1	€	1	014760101
Ø 30=42 mm			
L = 131 mm			
L1 = 51 mm			

**1476GT**  
pliers for removing rubber supports  
from exhaust pipes



L mm	A Max mm	3 mm	€	1	014760050
280	58		36,50		

**1476PSA**  
exhaust collar pliers  
with pin, PSA group  
Nose shape and automatic rack locking  
make it possible to work  
without pulling out pin



L mm	A Max mm	S mm	€	1	014760060
309	60	12,2	45,00		

**1476T**  
wrench for removing/installing turbines  
on Volkswagen Audi diesel engines



mm	€	1	014760200
12	41,00		

**1477/C10**  
bent wrench with 9 bits  
for belt tightening nuts

1 bent wrench with bit drive  
4 double bi-hex bits: 12x14 - 13x15 - 16x17 - 18x19 mm  
5 bits for Torx(R) head screws: E10 - E12 - E14 - E16 - E18



1477/C10	€	1	014770310
	173,50		

530x110x55 mm



### 1477D

ring wrenches for belt tightening nuts



mm	€	1	014770113
13	31,00	1	014770113
15	31,00	1	014770115
16	31,00	1	014770116
17	31,00	1	014770117
19	31,00	1	014770119

### 1477D/S5

set of 5 ring wrenches for belt tightening nuts



1477D/S5	€	1	014770200
13-15-16-17-19 mm	155,00	1	014770200

600x200x70 mm - 2,2 kg

### 1477K/7

kit with bent reversible ratcheting wrench and bits



- 2 TORX T40-T45 bits
- 1 XZN 10 bit
- 1 hexagon bit, 8 mm
- 3 bi-hex bits, 10-12-13 mm

1477K/7	€	1	014770051
L 250 mm	151,50	1	014770051

### 1478

pin removing pliers



1478	€	1	014780001
	60,00	1	014780001

### 1478NSS

plastic pin removal pliers with 3 release points



L mm	€	1	014780163
180	43,50	1	014780163

### 1478T

plastic pin removable pliers with swivel head and pressure clips

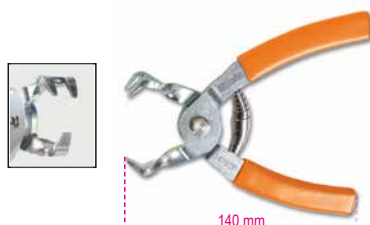
Head can be rotated 90°



1478T	S mm	€	1	014780101
	4,5	47,00	1	014780101

### 1478/3P

plastic pin removal pliers with 3 release points



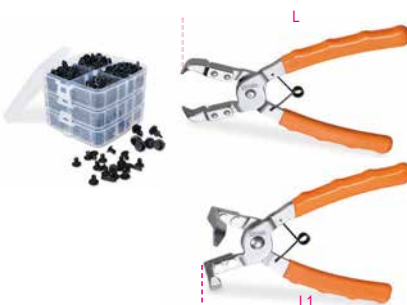
1478/3P	€	1	014780151
	66,50	1	014780151

### 1478/K3

pin removing pliers kit with plastic clips assortment

kit contents:

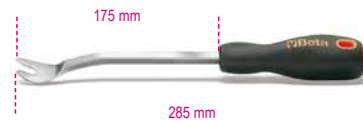
- flat nose pliers (1 pc.)
- 90° bent nose pliers (1 pc.)
- 625 plastic clips in 16 different sizes
- clips in 3 stackable PPL containers



1478/K3	L mm	L1 mm	€	1	014780160
	180	170	109,00	1	014780160

### 1479

trim pin remover



1479	€	2	014790001
	26,50	2	014790001

### 1479/B27

kit of 27 nylon tools for removing pins and working on plastics and seals, hangable



1479/B27	€	1	014790407
	83,00	1	014790407

### 1479LB/C5

kit of 5 metal trim pin removers



1479LB/C5	€	1	014790150
	113,00	1	014790150

215x165x50 mm

### 1479L/S2

multipurpose wrecking bars, pair, made of Teflon®



1479L/S2	€	1	014790510
	38,00	1	014790510

### 1479LV/S3

kit of 3 multipurpose wrecking bars, made of metal

sizes:

1479LV/1: 10x12 mm  
1479LV/2: 4.8x9.6 mm  
1479LV/3: 2.8x6 mm



1479LV/S3 € 32,00 1 014790100

### 1479L/K4

4 wrecking bars for jobs on dashboards and delicate parts



1479L/K4 € 36,00 1 014790604

### 1479ML/B17

kit of 17 multipurpose wrecking bars, made of plastic

particularly recommended for precision jobs



1479ML/B17 € 68,00 1 014790700

### 1479ML/S3

kit of 3 multipurpose wrecking bars, made of plastic

Particularly recommended for precision jobs



1479ML/S3 € 11,60 1 014790603

### 1479N/S5

kit of 5 nylon trim pin removers



1479N/S5 € 43,00 1 014790251

### 1479RB/1

straight putty knife scraper



1479RB/1 € 29,50 1 014790315

### 1479RB/2

bent putty knife scraper



1479RB/2 € 29,50 1 014790320

### 1479RB/3

flat putty knife scraper



1479RB/3 € 33,50 1 014790310

### 1479U/13

putty knife scrapers



1479U/13 € 27,00 2 014790010

### 1479U/32

trim pin remover, stainless steel blade



1479U/32 € 32,00 2 014790015

### 1480

Kit for filling diesel oil filters of cars without electric pumps

• Also for use with tyre inflators

Kit contents:

- GM quick couplings
- Renault, GM, Fiat quick couplings, inside Ø 6 mm
- Renault, GM, Fiat quick couplings, inside Ø 7 mm
- Ford quick couplings
- PSA quick couplings, inside Ø 6 mm
- PSA quick couplings, inside Ø 7 mm
- Ford quick couplings
- 2 cone-shaped adapters for cars without quick couplings



1480 € 402,00 1 014800010

410x320x70 mm

### 1481/C12

Kit of 6 pairs of hose pliers

Kit contents:

- 2 different pairs of pliers size 1/4"
- 2 different pairs of pliers size 3/8"
- 2 different pairs of pliers size 5/16"
- 3 pairs of rubber caps



1481/C12 € 127,00 1 014810312

370x270x59 mm

### 1481K/S4

kit of 4 self-locking terminals  
for line obstruction

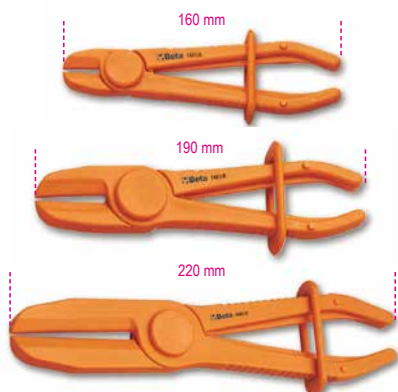
sizes:  
5/16" - 3/8" - 1/2" and loop



1481K/S4	€ 32,00	1	014810400
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### 1481PL/A

plastic hose pliers



	Ø mm	€		
1481PL/A	8÷15	21,80	3	014810110
1481PL/B	15÷25	24,40	3	014810120
1481PL/C	25÷45	33,00	3	014810130

### 1481PL/S3

set of 3 plastic hose pliers



1481PL/S3	€ 79,00	1	014810200
1481PL-A Ø 8÷15 mm			
1481PL-B Ø 15÷25 mm			
1481PL-C Ø 25÷45 mm			

### 1481T/C12

set of fuel line plugs

3 pairs of plugs with male/female quick couplers  
for closing fuel lines



1481T/C12	€ 131,50	1	014810212
275x220x45 mm - 540 g			

### 1482

adjustable self-locking wrench  
for tank floating ring nuts



Ø mm	€		
89÷170	118,00	1	014820001
89÷200	123,50	1	014820002

### 1482A/1

3-leg wrench for floating ring nuts,  
tank with aluminium ring nut

For operating on aluminium ring nut installed on  
Fiat, Volkswagen, Opel, Chevrolet, Mercedes and BMW cars  
since 2011



Ø mm 185	€ 82,00	1	014820005
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### 1482A/3

wrench for tank floating ring nuts,  
PSA group

So designed as to make it possible to operate on  
decentralized axis  
by removing ring nut, without damaging delicate fuel line



Ø mm 157	€ 93,00	1	014820007
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### 1482A/5

wrench for tank floating ring nuts,  
22 sectors

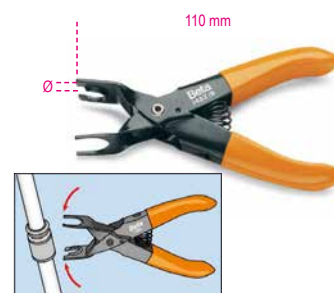
for use on plastic ring nuts  
in VAG group cars



Ø mm 180	€ 71,50	1	014820015
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### 1482/8 - 1482/10

quick coupler pliers for fuel pipes



	Ø mm	€		
1482/8	8	41,00	2	014820008
1482/10	10	41,00	2	014820010

### 1482B

quick coupler pliers  
for fuel pipes



1482B	€ 49,00	1	014820021
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### 1482SN

quick coupler swivel pliers for fuel pipes,  
with articulated jaws



L mm 260	€ 62,50	1	014820110
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## 1482C

wedges (2 pairs) for releasing diesel fuel filter fittings, Fiat, Volkswagen, Jeep, Chrysler and Volvo groups

Quick filter replacement without irreparably damaging fittings



1482C € 65,00 1 014820022

## 1482D

quick coupler pliers for fuel pipes, with flexible extension



1482D € 89,00 1 014820026

## 1483K/12

kit for removing valves from air-conditioning system with set of five-star head bits

Kit contents:

- 2 female octagon sockets, Ø 12 and 15 mm, for high-pressure valves
- 2 male open end sockets, section 2.2 and 3.2 mm, for throttle valves
- 1 set of five-star head bits: PT10, PT15, PT20, PT25, PT27, PT30, PT40



1/4"

1/4"



1483K/12 € 43,00 1 014830012  
120x80x35 mm

## 1483KV-PT/S7

set of five-star head bits

Included sizes:

PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40



1/4"



1483KV PT/S7 € 13,00 1 014830117

## 1483K/22

kit for separating couplers on air-conditioning, fuel supply and lubrication systems



1483K/22 € 147,50 1 014830022  
300x230x55 mm - 1 kg

## 1484

set of 2 tools for removing and installing stretch belts

Allows stretch belt to be quickly removed and correctly installed, without risking damaging it



1484 € 130,50 1 014840010

## 1484PSA

tool for installing water pump stretch belt without belt tightener

for use for PSA and Opel group vehicles engines 1.0 - 1.2



1484PSA € 17,00 1 014840012

## 1485BP

half-moon tool for locking toothed pulleys

can be adjusted through swivel handle; tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



1485BP € 232,50 1 014850000  
A Max mm 130

## 1485BPM

half-moon tool with aluminium jaws for locking multi-groove pulleys

can be adjusted through swivel handle; tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



1485BPM € 200,50 1 014850002  
A Max mm 180

## 1485FCA/K2

tools for pre-loading timing belt bearings, pair, FCA group

recommended for 1.2, 1.4 8/16 V and 1.4 Multiair engines

- 1 175-mm-long tool with 13.5-mm-deep push rods
- 1 305-mm-long articulated tool with 13.5-mm-deep push rods



1485FCA/K2 € 106,50 1 014850220

## 1485FCA/T

timing belt tensioner, long series, with 13.5 mm inserts



1485FCA/T € 38,50 1 014850210  
L mm 175 P mm 13,3

## 1485FCA/TS

timing belt tensioner, articulated, with 13.5 mm inserts



1485FCA/TS € 68,00 1 014850215  
L mm 305 P mm 13,5

## 1485FRD/T

tensioning lever for service belts mounted on Ford engines

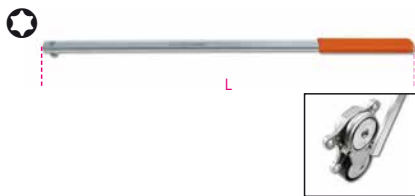
can be used to remove alternator pulleys



1485FRD/T € 83,00 1 014850310  
L mm 450 Q mm 12,80

### 1485MRC/T

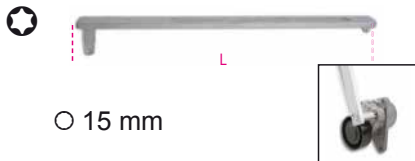
tensioning lever for service belts mounted on Mercedes engines  
for use with M133 - M270 engines



L mm 510  
T55  
€ 34,00  
1 014850315

### 1485VLV/T

tensioning lever for service belts mounted on Volvo engines



L mm 420  
T50-T60  
O mm 15  
€ 70,00  
1 014850320

### 1485TC

tensioning lever for service belts, mounted on Ford, PSA, FCA engines



L mm 475  
€ 50,50  
1 014850330

### 1485/KIT

kit for controlling cam belt tension



1485/KIT € 188,50 1 014850100

230x140x75 mm - 580 g

### 1485MJ

camshaft locking tool, for 1.3 16V Multijet engines

2 3-form heads for working on all 1.3 16V Multijet engines of FCA, Opel, Ford and Suzuki group vehicles



L mm 500  
€ 130,50  
1 014850150

### 1485PMTJ

driving shaft pulley release lever for Multijet engines  
so designed as to lock driving shaft while removing pulley



L mm 450  
€ 136,00  
1 014850190

### 1485R

universal tool for rotating camshaft pulleys made from forged steel with 2 pairs of tips



Ø mm 30÷120  
Ø1 mm 10 - 17  
L mm 500  
€ 162,50  
1 014850025

### 1485R/P10

pairs of inserts



1485R/P10 € 17,40 1 014850035

### 1485R/P17

pairs of inserts



1485R/P17 € 17,40 1 014850038

### 1485VAG/K2

tools for pre-loading timing belt bearings, pair

- 3-position swivel head
- 1 tool with 12.5-mm-deep head
- 1 tool with 21.5-mm-deep head



1485VAG/K2 € 81,00 1 014850080

### 1485VAG

tools for pre-loading timing belt bearings

- 3-position swivel head



L mm 190  
P mm 12,5  
€ 40,00  
1 014850062  
L mm 195  
P mm 21,5  
€ 41,00  
1 014850071

### 1486/10

wrench for natural gas cylinder valves

- VW group cars since 2008
- Panda from 2004 to 2012
- Grande Punto from 2005 to 2012
- Ducato since 2010
- new Doblò and Combo
- Cubo and Fiorino



36 mm

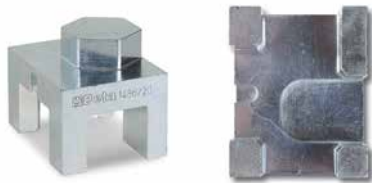
1486/10 € 146,50 1 014860110

# Beta

## 1486/20

wrench for natural gas cylinder valves

- Multipla
- Ducato 1st and 2nd series until 2010
- Berlingo and Ranch
- C3 with iron cylinders
- Punto from 1999 to 2010
- Doblò 1st series
- Daily and Iveco group
- Dr5



∅ 36 mm

1486/20 € 146,50 1 014860120

## 1486/30

wrench for natural gas cylinder valves

- Zafira 2nd series
- Combo 1st series



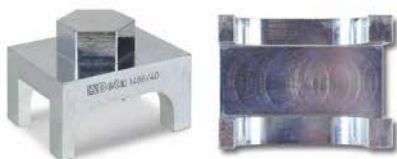
∅ 36 mm

1486/30 € 146,50 1 014860130

## 1486/40

wrench for natural gas cylinder valves

- Touran 1st series



∅ 36 mm

1486/40 € 146,50 1 014860140

## 1486/50

wrench for natural gas cylinder valves

- Panda since 2012
- New Ypsilon



∅ 36 mm

1486/50 € 146,50 1 014860150

## 1486/60

wrench for natural gas cylinder valves

- C4 Picasso
- BRC systems



∅ 36 mm

1486/60 € 146,50 1 014860160

## 1486/70

wrenches for natural gas cylinder valves, pair

- C3 with composite cylinders



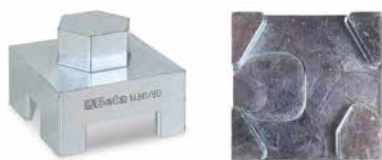
∅ 36 mm

1486/70 € 302,00 1 014860170

## 1486/80

wrench for natural gas cylinder valves

- B-Class
- Zafira 3rd series



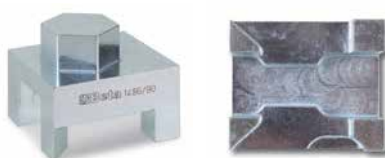
∅ 36 mm

1486/80 € 146,50 1 014860180

## 1486/90

wrench for natural gas cylinder valves

- Zafira 1st series
- Kangoo 1st series
- Sprinter



∅ 36 mm

1486/90 € 146,50 1 014860190

## 1487/K2

2 sockets for radiator drain plugs



17 mm

1487/K2 € 29,00 1 014870100

## 1488 - 1488L

oil-filter wrench with double chain



	∅ mm	€		
1488	60÷110	96,50	1	014880001
1488L	60÷160	106,00	1	014880050

## 1488/1

oil-filter wrench with thin double chain



	∅ mm	€		
1488/1	60÷110	112,00	1	014880010

## 1488R...

spare chain



			€		
1488RC	1488	350	40,00	1	014880101
1488R/L	1488/L	520	64,00	1	014880150
1488RC/1	1488/1		55,00	1	014880110

## 1489/31T

alternator pulley free wheel wrench



	T50	∅	mm	€		
1489/31T	15	31	41,00	1	014890016	

## 1489/33

alternator pulley free wheel wrench

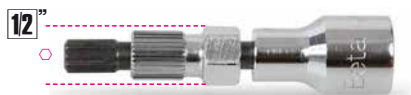


		€		
1489/33	33	17,40	1	014890010



### 1489/33P

alternator pulley free wheel wrench,  
for new Bosch FIAT Grande Punto alternators



Ø	mm	€		
M 10	15	52,00	1	014890015

### 1489/E

alternator pulley  
free wheel wrench



Ø	mm	€		
10	15	35,00	1	014890025

### 1489R

alternator pulley free wheel wrench



Ø	mm	€		
1489/R		17,40	1	014890020

### 1489/Y

alternator pulley free wheel wrench,  
for Nippondenso alternators



Ø	mm	€		
32		20,00	1	014890040

### 1489/C14

assortment of 14 tools for free alternator  
pulleys



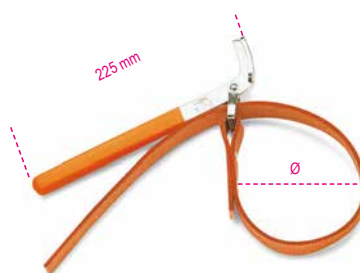
1489/C14	€			
	311,00	1	014890100	

- 867PE 8 mm
- 867PE/L 8 mm
- 867XZN/L M10
- 867TX/L T50
- 867/2 □1/2"
- 920B 10 mm
- 1489/33
- 1489/33P M10
- 1489R
- 1489/Y
- 1489/31T T50
- 1489/E 10 mm
- 188 10 mm
- 188 15 mm

420x250x45 mm - 1,9 kg

### 1490

strap wrenches for oil filters



	Ø max	mm	€		
1490/1	160	38,50	1	014900001	
1490/2	240	41,50	1	014900002	

### 1490/R1 - 1490/R2

spare fabric straps for item 1490



	Ø mm	€		
1490R/1	160	18,70	1	014900101
1490R/2	240	22,90	1	014900102

### 1490F

strap wrenches for filters



Ø Max	mm	€		
200		28,00	1	014900201

### 1491

adjustable oil filter wrench



Ø	mm	€		
65÷110		50,00	2	014910001

### 1491R

spare metal band for item 1491



1491R	€			
	9,10	10	014910010	

### 1491A

adjustable oil filter pliers

Precision adjustment through rack



L	mm	Ø min - Max	mm	€		
345		55 ÷ 140		34,00	1	014910040

### 1491T

adjustable truck oil filter pliers

Precision adjustment through rack  
For use with drier filters



L	mm	Ø min - Max	mm	€		
500		70 ÷ 200		79,50	1	014910050

# Beta

## 1492/1 - 1492/2

adjustable oil filter wrenches



	∅ mm	€		
1492/1	60÷80	47,50	1	014920001
1492/2	80÷110	49,50	1	014920002

## 1492T

drier filter wrenches



	∅ mm	H mm	€		
1492T 40	125÷145	40	36,50	1	014920540
1492T 75	120÷140	75	64,00	1	014920575

## 1493B

bi-hex wrenches  
for hard-to-reach oil filter cartridges



mm	$\frac{mm}{8}$	€		
24	8	20,50	1	014930524
27	8	21,40	1	014930527
32	8	21,90	1	014930532
36	8	23,40	1	014930536
38	8	23,90	1	014930538

## 1493B/S5

set of 5 bi-hex wrenches  
for hard-to-reach oil filter cartridges

sizes:  
24-27-32-36-38 mm



1493B/S5	€		
	84,50	1	014930599

## 1493

oil filter wrench



∅ mm	N	€		
65	14	11,60	1	014930200
68	14	11,60	1	014930206
73	14	11,60	1	014930208
74	14	11,60	1	014930209
74	15	11,60	1	014930210
75-77	15	11,60	1	014930212
76	8	11,60	1	014930214
76	14	11,60	1	014930218
76-74	15	12,60	1	014930220
78	15	12,60	1	014930224
80	15	12,90	1	014930226
82-80	15	12,90	1	014930228
86	16	13,70	1	014930230
90	15	13,70	1	014930234
92	10	13,70	1	014930236
93	15	13,70	1	014930238
95	15	13,70	1	014930244
100	15	15,60	1	014930248
106	15	16,20	1	014930250
108	15	16,20	1	014930252
135	18	26,00	1	014930256

## 1493/PF

Purflux® oil-filter wrenches



∅ mm	N	€		
66	6	11,60	1	014930202
76	12	11,60	1	014930216
76	30	12,60	1	014930222
86	18	13,70	1	014930232
93	36	13,70	1	014930240
93	45	13,70	1	014930242
96	18	13,70	1	014930246
108	18	17,40	1	014930254



## 1493/C30

set of 28 oil filter wrenches



Sizes included in kit (∅ mm / n° of sides)  
1493:  
65/14 - 67/14 - 68/14 - 73/14 - 74/15  
76/15 - 75/77/15 - 76/14 - 76/8 - 78/15 - 80/15  
82/15 - 86/16 - 90/15 - 92/10 - 93/15 - 95/15  
100/15 - 106/15 - 108/15

1493PF (Purflux)  
66/6 - 76/12 - 76/30 - 86/18  
93/36 - 93/45 - 96/18 - 108/18

- Includes 1 adjustable oil filter wrench  
∅ 65÷120 mm

1493/C30	€		
	282,00	1	014930000

530x400x110 mm - 4 kg

## 1493AL

oil filter wrenches

N= number of sides



∅ mm	N	●	□	€		
64	14	27	1/2"	17,40	1	014930310
66,5	14	27	1/2"	15,60	1	014930315
74	14	27	1/2"	18,90	1	014930320
79	15	27	3/8"	17,40	1	014930325
84	14	27	3/8"	18,90	1	014930330
87	16	27	1/2"	23,40	1	014930335
92	15	27	3/8"	18,90	1	014930340
94,5	15	27	3/8"	18,90	1	014930345
100,5	15	27	3/8"	18,90	1	014930350

## 1493AL 4S

oil filter wrenches  
for Asian cars  
4-hook profile



∅1 mm	∅2 mm	€		
70	64,5	27	18,90	1 014930304
80	64,5	27	17,40	1 014930305

## 1493AL CF

hexagon socket wrenches  
for oil filter cartridges



Ø mm	H mm	•	€	🔧	📄
24	34	27	11,20	1	014930424
27	34	27	11,20	1	014930427
30	34	27	11,20	1	014930430
32,5	34	27	11,60	1	014930432
36	34	27	11,60	1	014930436
38	34	27	11,60	1	014930438

## 1493/C19

set of 18 oil filter wrenches,  
particularly suitable for Asian cars

Ø mm	N°. of sides
63-64	14
66.5	14
74	14
79	15
84	14
87	16
92	15
94.5	15
100.5	15
64.5	14 hook wrench for Toyota cars
64.5	14 hook wrench for Lexus cars
6 hexagon sockets, sizes 24-27-30-32.5-36-38 mm, for filter cartridges	
Kit includes 1 universal adjustable wrench Ø 58÷93 mm	



1493/C19 € 246,50 1 014930019

490x450x60 mm - 4 kg

## 1493DSG

wrench for removing/installing  
DSG oil filter



1493DSG € 39,00 1 014930800

## 1493FF

wrench for removing/installing plastic seats of  
Ford Peugeot Citroën oil filters  
engines: TDCi-HDi

Allows plastic seat to be correctly tightened  
at 25 Nm by means of a torque wrench



1493FF € 32,00 1 014930127

## 1493FT

wrench for Ford Transit Diesel oil filters

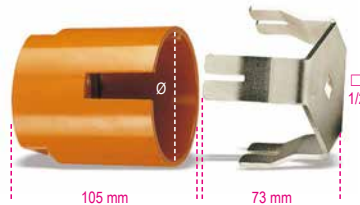
Can be used for all  
Transit, Transit Custom and Tourneo Custom versions  
manufactured since 2012



1493FT € 27,00 1 014930085

## 1493J

wrench for MultiJet



1493J € 123,50 1 014930080

## 1493VV

diesel oil filter wrench,  
for VAG and Volvo cars



1493VV € 18,00 1 014930086

## 1493HK

diesel oil filter wrench for  
Hyundai Kia, 15-sided



1493HK € 29,00 1 014930087

## 1493/C7

self-adjusting oil filter wrench with three arms  
for right- and left-hand tightening,  
with interchangeable arms

antislip diamond finish  
2 sets of arms:  
• 1 set with 20 mm working length  
• 1 set with 38 mm working length



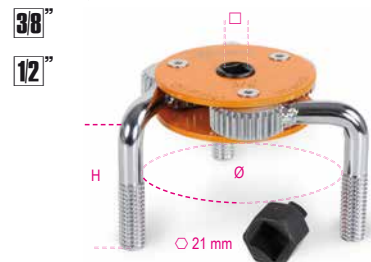
1493/C7 € 119,50 1 014930079

210x150x50 mm

## 1493H

self-adjusting oil filter wrench with 3 arms,  
for right and left hand tightening

Knurled jaws



1493H € 29,50 1 014930077





## 1493/S-U

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening



	□	∅ mm	€		
1493/S	3/8-1/2	80-115	89,50	1	014930074
1493/U	1/2	105-165	196,00	1	014930076

## 1493X

self-locking oil filter wrenches, for left-hand tightening



	∅ mm	± mm	€		
1493X/1	60÷80	2,9	34,00	1	014930105
1493X/2	80÷98	2,9	34,00	1	014930110

## 1493Y

self-locking oil filter wrenches, for right- and left-hand tightening, heavy-duty version

item 1493Y/2 can also be used for drier filters



	∅ mm	± mm	€		
1493Y/1	80÷110	7,3	116,00	1	014930120
1493Y/2	104÷145	7,3	177,00	1	014930122

## 1493C/ADB

socket for opening AdBlue® caps, for PSA group vehicles



1493C/ADB	17 mm	€	17,60	1	014930900
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## 1493U/ADB

socket for opening AdBlue® drain plugs



1493U/ADB	17 mm	€	12,70	1	014930910
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## 1494T/C5

set of special sockets for plastic oil drain plugs

Set contents:

- 1 socket for VAG group oil drain plugs
- 1 socket for BMW oil drain plugs
- 1 socket for PSA and Ford group oil drain plugs
- 1 socket for Mercedes oil drain plugs
- 1 "T"-handle wrench



1494T/C5	17 mm	€	77,00	1	014940350
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173x125x50 mm - 360 g

## 1494BMW

special socket for plastic oil drain plugs, for BMW engines



1494BMW	17 mm	€	14,90	1	014940315
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## 1494FPC

special socket for plastic oil drain plugs, for Ford, Peugeot and Citroën engines



1494FPC	17 mm	€	16,80	1	014940320
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## 1494VW

special socket for plastic oil drain plugs, Volkswagen engines

Allows plastic plug to be removed and installed from oil sump.  
Specially designed for Volkswagen cars with TFSI and TDI engines



1494VW	17 mm	€	23,40	1	014940305
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## 1494MRC

special socket for plastic oil drain plugs, for Mercedes engines



1494MRC	17 mm	€	16,40	1	014940325
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## 1494MAN

special socket for plastic oil drain plugs, for DAF and MAN engines



1494MAN	17 mm	€	16,40	1	014940330
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## 1494

square oil drain plug socket



mm	€		
10	9,75	1	014940280

## 1494E

male hexagon oil drain plug sockets



mm	€		
8	9,75	1	014940208
9	9,75	1	014940209
10	9,75	1	014940210
11	9,75	1	014940211
12	9,75	1	014940212
14	9,75	1	014940214
17	9,75	1	014940217

 **Beta**

## 1494Q

male square oil drain plug sockets



mm	€	📦	📄
8	9,75	1	014940258
9,5	9,75	1	014940259
12	9,75	1	014940262
13	9,75	1	014940263

## 1494T

male triangular oil drain plug socket



mm	€	📦	📄
9,5	9,75	1	014940289

## 1494XZN

male oil drain plug socket with XZN® profile



M	€	📦	📄
16	11,60	1	014940296

## 1494VW/K

engine oil replacement kit, for VAG cars



Kit contents:  
 • 1 special socket for plastic oil drain plugs  
 • 6 plastic oil sump plugs

1494VW/K	€	📦	📄
	30,50	1	014940310

## 1494VW/KT

kit of 6 plastic caps for item 1494VW/K



1494VW/KT	€	📦	📄
	26,50	1	014940311

## 1494/C14A

assortment of 14 oil change tools

12"



1494/C14A	€	📦	📄
	139,50	1	014940150

- 1494E 8-9-10-11-12-14-17
- 1494Q 8-9,5(3/8")-12-13
- 1494 10
- △ 1494T 9,5(3/8")
- 1494XZN M16

380x305x40 mm - 1,7 kg

## 1494M

tool for hexagon oil drain plugs, magnetic, flexible

Allows plug to be unscrewed without risking getting burnt or dirty



L	F	Ø	€	📦	📄
mm 293	kg 2,5	mm 19	25,00	1	014940401

## 1495/C6

assortment of tools for repairing oil sump threads



- Damaged thread is removed by screw tap and enlarged by one size
  - Allows repairs and avoids replacing oil sump
- Contents:
- 1 screw tap M13x1.25 + 6 screws + 12 washers
  - 1 screw tap M13x1.5 + 6 screws + 12 washers
  - 1 screw tap M15x1.5 + 6 screws + 12 washers
  - 1 screw tap M17x1.5 + 6 screws + 12 washers
  - 1 screw tap M20x1.5 + 6 screws + 12 washers
  - 1 screw tap M22x1.5 + 6 screws + 12 washers

1495/C6	€	📦	📄
	302,00	1	014950500

420x185x60 mm - 2,1 kg

## 1495M

screw tap for oil drain plug threads



M	€	📦	📄
13x1,25	18,10	1	014950553
13x1,50	14,90	1	014950563
15x1,50	16,20	1	014950565
17x1,50	18,10	1	014950567
20x1,50	20,00	1	014950570
22x1,50	26,00	1	014950572

## 1495T

kit with 6 oil drain plugs and washers



M	€	📦	📄
13x1,25	21,20	1	014950503
13x1,50	21,20	1	014950513
15x1,50	21,20	1	014950515
17x1,50	23,40	1	014950517
20x1,50	26,50	1	014950520
22x1,50	34,50	1	014950522

## 1496/C

oil plug wrench



8 x 10 mm	€	📦	📄
	23,10	3	014960010

## 1497D

relay removal pliers, straight pattern

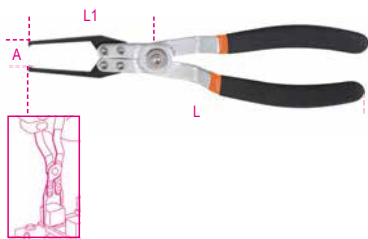


A	€	📦	📄
min+Max mm 15±50	35,00	1	014970150

## 1497BS

relay and fuse removal pliers, straight, thin pattern

the long, extremely thin noses allow the relay and fuse to be removed from small areas



L mm	L1 mm	A mm	€	1	014970190
230	45	14	24,40	1	014970190

## 1497P

relay removal pliers, bent pattern, 60°



A min=Max mm	€	1	014970160
15÷50	36,00	1	014970160

## 1497SS

self-locking pliers for soldering tinned wires

Upper clips allow soldering wires to be clamped and brought close to each other.

Built-in rack allows wires to be placed in 6 different positions



L mm	A min=Max mm	€	1	014970195
245	14÷70	22,20	1	014970195

## 1497TE

pliers for disconnecting electrical connectors

the extremely thin noses allow the clips to be released without damaging the connectors



L mm	A Max mm	Ø mm	€	1	014970180
215	63	4	25,00	1	014970180

## 1497/C23

assortment of 23 tools for releasing electrical connectors



1497/C23	€	1	014970200
	236,50	1	014970200

440x250x70 mm - 1,7 kg

## 1497/C94

assortment of 94 car testing connectors for use with main diagnostic tools

- 2 t-taps
- 2 potentiometers
- 2 warning lights
- 2 SRS connectors
- 2 alligator clips
- 2 acicular probes
- 2 prods
- 2 dual banana connectors
- 4 single banana connectors
- 24 flat male terminals 0.6+6 mm
- 12 round male terminals 1.6+3.9 mm
- 24 flat female terminals 0.6+6 mm
- 12 round female terminals 1.6+3.9 mm



1497/C94	€	1	014970300
	417,00	1	014970300

430x390x100 mm - 3 kg

## 1497RC

t-taps, pair

- cable section: 1.5÷3.5 mm
- voltage: 0÷330V
- max. current: 5A



1497RC	€	1	014970351
	79,00	1	014970351

## 1497KB/S3

3 tool kit for removing Knorr and Bremse electrical connectors

- 1 tool for bayonet connectors
- 1 single head tool for 2-pole connectors
- 1 double head tool for 4- or 6- and 12-pole connectors



1497KB/S3	€	1	014970050
	87,00	1	014970050

## 1497/S3

set of 3 cables for electrical signal detection

- 1 straight pc.
- 1 45° pc.
- 1 90° pc.

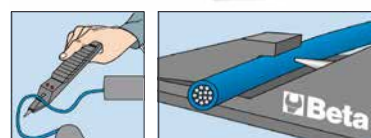


1497/S3	€	1	014970400
	19,60	1	014970400

## 1498

voltage tester

CE



3÷48V	€	2	014980100
	52,00	2	014980100



# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

Diagnostics	items 1438 to 1499 items 1758VT to 1760TMC
Engine	items 955 to 989A items 1438 to 1499
Oil and filters	items 1438 to 1499 items 1877 to 1885
Electric system	items 1438 to 1499
Starters	items 1498BC/12 to 1498/40A
Transmission	items 1438 to 1499
Suspension	items 1549 to 1569CP
Brakes	items 1438 to 1499
Wheels	items 955 to 989A
Body work	items 1302 to 1369 items 1763 to 1767A
Other equipment	items 1878 to 3067
Jacks	items 3029/2T to 3067/70-13T



### 1498BC/12

multipurpose portable starter, 12V

- Technical data:
- Starting current: 600A
  - Pickup current: 1500A
  - Battery type: 4 cells, LifePo4
  - Battery capacity: 25000mAh
  - Device protecting against polarity reversal, short-circuit, overcurrent, overcharge and overheating



CE



- Supplied with:
- Protective case
  - Cable with starting clamps
  - USB ports for charging electronic devices
  - LED battery charge indicator
  - USB and USB-C cable
  - Mains power supply
  - Multifunction LED torch

	L	P	H	€		
	mm	mm	mm			
1498BC/12	225	100	40	347,00	1	014980040

### 1498MN/12-C

booster cable with clamps for item 1498BC/12



1498MN/12-C	€		
	62,00	1	014980005

### 1498MN/12-R

mains power supplies for mini starter 1498BC/12



1498MN/12-R	€		
	45,50	1	014980003

### 1498MN/12-P

car socket power supply for mini starters 1498BC/12



1498MN/12-P	€		
	27,50	1	014980004

### 1498MN/12-U

USB cables with universal U adapters



1498MN/12-U	€		
	20,10	1	014980009

### 1498LT/12

portable high-performance starter, ultralightweight



CE



- Technical Data:
- Operating voltage: 12 V
  - Continuous amperage: 800 A
  - Maximum pickup amperage: 2000 A
  - Peak amperage: 4000 A
  - Cable length: 500 mm
  - Battery type: 4-cell LifePo4
  - Memory saving function: YES
  - Dimensions: 260 x 135 x 72 mm
  - Net weight: 2.5 kg
  - Complete with charging power supply 12 V 1.3A

1498LT/12	€		
	882,00	1	014980012

### 1498LT/12-SF

wall fixing bracket for starter 1498LT/12



1498LT/12-SF	€		
	146,50	1	014980013

### 1498LT/12-R7

mains power supply for starter 1498LT/12



1498LT/12-R7	€		
	64,00	1	014980057

## 1498LT/12-24

portable high-performance starter,  
12-24 V, ultralightweight,

suitable for use on cars, commercial vehicles  
and trucks



The microprocessor provides total protection against:

- polarity reversal
- short circuits
- incorrect voltage
- overloads
- underdischarge
- overcharge
- overtemperature

### Technical data:

- operating voltage: 12/24V
- continuous amperage: 2000/1000 A
- maximum starting amperage: 5000/2500 A
- peak amperage: 10000/5000 A
- clamp amperage: 1000 A
- cable length: 160 cm
- cable section: 25mm<sup>2</sup>
- automatic power supply: 4 Amp
- memory saving function
- dimensions: 350x240x140 mm
- weight: 5 kg

1498LT/12-24 € 1.750,00 1 014980014

## 1498/12

Portable car starter, 12V



### TECHNICAL DATA:

- Pickup current: 2200A
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type

1498/12 € 738,00 1 014980480

13 kg

## 1498/24

portable car and commercial vehicle starter,  
12-24V



### Technical Data:

- Pickup current: 4200A (12V) - 2100A (24V)
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type
- Weight: 17 kg

1498/24 € 1.490,00 1 014980490

## 1498B12/R02

12V spare battery  
for starters 12-24V



1498B12-R02 € 321,00 1 014980502

## 1498/12-24 R20

mains power supply for starters items 1498/12  
and 1498/24



1498/12-24 R20 € 77,00 1 014980520

## 1498/2A

electronic motorcycle battery charger, 12V

allows charging of all  
Pb Wet, Agm, Gel, Mf and Vrla battery types  
and LiFePo4 lithium batteries



### Features:

- Two different types of charge, for lithium and lead acid batteries respectively
- Automatic multi-stage charge cycle
- Reverse polarity and short-circuit protection
- IP65 degree of protection
- Complete with cable with clamps and cable with eyelets
- Power supply voltage: 220-240V

### Technical data:

- Charging current: 1A
- Charging capacity: 2Ah-40Ah
- Frequency: 50-60 Hz
- Battery voltage: 12V
- Dimensions: 180x80x40 mm
- Weight: 0.5 kg

1498/2A € 135,50 1 014980102

## 1498/4A

Electronic car/motorcycle battery charger, 6-12  
V



- Protected against polarity reversal and short circuits
- Automatic 6 V or 12 V selection
- Automatic battery type selection
- Digital backlit display
- Pull-back fixing hook

### TECHNICAL DATA

Power supply voltage: 220V-240V  
Frequency: 50-60 Hz  
Rated current (min-max): 1-4 Amp  
Battery voltage: 6V/12V  
Battery capacity: 4Ah-80Ah  
Charging time: 12 hours  
Degree of protection: IP65

1498/4A € 165,50 1 014980104

## 1498SA/2A-4A

cable with cigarette lighter plug  
for items 1498/2A and 1498/4A



1498SA/2A-4A € 34,50 1 014980120



## 1498/8A

Electronic car / commercial vehicle battery charger, 12 V



- Features:**
- Slow and quick charge (2A-8A)
  - Flat battery recovery function
  - Power supply function 13.8V-5A
  - Protected against polarity reversal and short circuits
  - Manual battery type selection
  - Digital backlit display
  - Pull-back fixing hook

- Technical data:**
- Power supply voltage: 220V - 240V
  - Frequency: 50-60 Hz
  - Rated current (min-max): 2-8 Amp
  - Battery voltage: 12V
  - Battery capacity: 5Ah-160Ah
  - Memory saving feature: 13.8V - 5A
  - Degree of protection: IP65

1498/8A € 233,50 1 014980108

## 1498/4A-8A CO

eyelet cable for items 1498/4A and 8A



1498/4A-8A-CO € 16,70 1 014980114

## 1498/4A-8A CP

cable with clamps for items 1498/4A and 8A



1498/4A-8A-CP € 21,50 1 014980118

## 1498/2A-8A-PR

extension for item 1498/2A/4A/8A



1498/2A-8A-PR € 40,00 1 014980119

## 1498/16A

electronic multipurpose battery charger, 12-24V



- Backlit graphic display
- Max. charging current: 16A, continuous
- Charging and charge maintenance
- Protected against polarity reversal and short circuits
- 9 charging steps
- Floating system
- Show room function (13.8V - 12A)
- Supply function (14V - 12A)
- Memory saving function (13.8V - 12A)
- Battery recovery function
- Clamp holder
- Reclining hook fastening
- Supplied accessories: cable with clamp, cable with eyelets

- Technical data:**
- Power supply: 220-240V
  - Power: 240W
  - Charging current: 4-16A
  - Battery types: Agm - Wet - Lithium (LiFePo4)
  - Charging capacity: 5-360Ah
  - Maintenance capacity: 5-550Ah
  - Output voltage: 12-24V
  - Minimum battery voltage: 0.8V
  - Degree of protection: IP20

1498/16A € 491,00 1 014980126

## 1498/25A

electronic multipurpose battery charger, 12-24V



- Features:**
- Backlit graphic display
  - Maximum continuous charging current: 25A
  - Charging and maintenance
  - Protected against polarity reversal, short circuits
  - 9 charging stages
  - Floating system
  - SHOW ROOM function (13.8V - 21A)
  - SUPPLY function (14V - 21A)
  - Memory saving function (13.8V - 21A)
  - Battery recovery function
  - Clamp holder
  - Reclining fixing hook
  - Supplied accessories: cable with clamp

- Technical data:**
- Power supply: 220-240V
  - Power: 390W
  - Charging current: 5-25A
  - Battery type: Agm - Wet - Lithium (LiFePo4)
  - Charging capacity: 5-550Ah
  - Maintenance capacity: 5-800Ah
  - Output voltage: 12-24V
  - Minimum battery voltage: 0.8V
  - Protection degree: IP20

1498/25A L mm H mm P mm € 578,00 1 014980125



**Beta**



**Beta**



## 1498/120A

electronic multipurpose battery charger, 12V

Allows batteries to be charged and powers motor vehicles while reprogramming and self-diagnosing



- maximum continuous charging current: 120A
- charging and maintenance with CPU microprocessor
- battery recovery function
- reprogramming and power supply for ECU
- protected against polarity reversal, short circuits, incorrect voltage and overload

### TECHNICAL DATA

Power supply: 90-260V  
 Power: 1500W  
 Charging current: 10-120A  
 Battery type: Agm - Wet - Lithium (LifePo4)  
 Charging capacity: 10-1200Ah  
 Maintenance capacity: 5-3600Ah  
 Output voltage: 12 Volt  
 Cable length, with clamps: 2700 mm  
 Dimensions: 310 x 150 x 350 mm  
 Weight: 8.5 kg

1498/120A € 3.050,00 1 014980142

## 1498/40A

multipurpose battery charger / starter, 12-24V wheeled

Since no internal battery is available, the start function (max. 350A) does not replace that of a specific starter type 1498LT/12 (2000A).



- 3 programmed charging cycles and 1 manual cycle
- electronic adjusting potentiometer
- specific WET-SPIRAL/GEL-AGM charging cycles
- electronic control and protection system
- 10-stage charging process
- battery desulfurization and recovery function
- supply function
- dual voltage, 12-24V
- also suitable for Start&Stop batteries
- professional rubber-insulated brass clamps

### TECHNICAL DATA

Power supply: 230V  
 Output voltage: 12-24V  
 Charging current: 1-40A  
 Starting current: 350A max cc  
 Charging capacity: 4-450Ah

1498/40A € 1.240,00 1 014980140  
 330x250x792

## 1498SM

memory saver, 12 V

prevents data stored by computer on board cars from getting lost during maintenance jobs or battery replacement.



### Technical specifications:

- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM € 263,00 1 014980020

## 1498SM-C

OBD II car memory saver connectors, 12V, for item 1498SM/C



1498SM-C € 29,00 1 014980021

## 1498SM-CP

car memory saver connectors, 12V clamp, for item 1498SM/CP



1498SM-CP € 26,50 1 014980022

## 1498SM-A

memory saver power supplies for item 1498SM/A



1498SM-A € 29,50 1 014980023

## 1498TB/6-12

analogue battery tester, 6-12V

for testing 6V and 12V batteries up to 1000CCA



### READING TABLE TEST RESULTS:

#### OK (GREEN)

Battery capacity is OK. Battery may or may not be fully charged. Make sure it is completely recharged.

#### WEAK or BAD but needle remains in fixed position (YELLOW OR RED):

UNSATISFACTORY battery capacity. Battery may be faulty or not completely charged. If battery is not fully charged (100%) battery must be replaced.

#### WEAK or BAD but needle does not remain fixed in place - (YELLOW OR RED):

Battery may be faulty or to the ground. Replace battery.

1498TB/6-12 € 61,00 1 014980420  
 L 290 mm L1 170 mm P 75 mm



## 1498TB/12-24

digital battery tester, 12V,  
and starting/charging system analyzer, 12-24V

- allows the following to be tested: battery, alternator (smart and normal) and starter, diode ripple and chassis test
- fitted with software for printing test from PC
- backlit display
- compact, shockproof frame
- 10 language software
- complete with input for connecting a removable mini printer (optional accessory, Beta 1498ST/TB)



CE

### Technical Data:

- Applications: 12V battery test - Alternator charge test, 12-24V - Starter test
- Operating range: 100-2000 CCA
- Reference standards: CCA,SAE,DIN,EN,IEC,JIS
- Supported batteries: PB, WET, GEL, AGM, AGM FLAT, EFB
- Voltmeter: 9V-36V
- Cable length: 1600 mm
- Languages: Italian, English, French, German, Spanish, Polish, Romanian, Dutch, Swedish and Finnish
- Accessories included: USB cable and software

1498TB/12-24 € 703,00 1 014980401

## 1498ST/TB

mini thermal printer  
for tester item 1498TB/12

- Mini printer can be directly connected to tester
- Allows test results to be printed



CE

1498ST/TB € 252,00 1 014980410

## 1498ST/TB ROT

paper refill  
for printer 1498ST/TB



1498ST/TB ROT € 12,20 2 014980411

## 1498PC

voltage stabilizer, 12-24 V

Protects control units  
in welding and starting processes



1498PC € 105,00 1 014980801

## 1498TC

digital glow plug tester

Quick, accurate glow plug testing

- Suitable for all types of glow plugs, 4.4-5-7-8.5-10-11 Volts
- Digital backlit display
- Suitable for steel and ceramic glow plugs
- Short circuit and polarity reversal protection
- Turns off automatically when not in use
- With buzzer
- With SMD LED torch
- Compact, shockproof frame



CE

- Measurement range: 0.00÷25.0Ω
- Tolerance: ± 2%
- Resolution: 0.01
- Led Display: 1.8"
- Operating temperature: 0°C÷50°C
- Power supply: 1 9V battery (not included)

1498TC € 213,00 1 014980450

## 1499

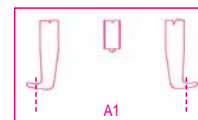
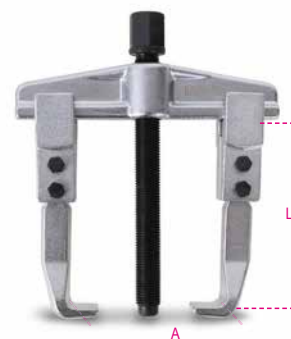
sonoscope probe



1499 € 105,50 1 014990001

## 1500/...

two-leg universal pullers



	L mm	€		
1500/1	100	88,00	1	015000301
1500/2	100	92,00	1	015000302
1500/3	150	153,00	1	015000303
1500/4	150	210,50	1	015000304
1500/5	205	382,00	1	015000305
1500/6	205	448,00	1	015000306
1500/7	205	671,00	1	015000307
1500/8	230	1.074,00	1	015000308

	A min÷Max mm	A1 min÷Max mm
1500/1	25÷80	70÷130
1500/2	25÷130	80÷180
1500/3	50÷160	105÷220
1500/4	60÷200	120÷270
1500/5	80÷250	160÷330
1500/6	80÷350	160÷420
1500/7	110÷520	195÷600
1500/8	170÷640	260÷715



1500/SP5 € 990,00 1 015000325  
1500/1-1500/2-1500/3  
1500/4-1500/5

1500/SPV € 86,00 1 015000001

## 1500G/...

legs, pair, standard series,  
for items 1500 and 1580/81

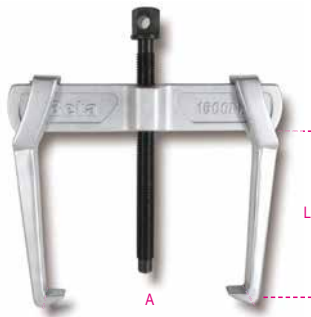


	± mm	iii 1500	€		
1500G/1	35	/1-2	56,50	1	015000311
1500G/3	35	/3-4	83,50	1	015000313
1500G/5	35	/5-6-7	170,00	1	015000315
1500G/8	50	/8	209,00	1	015000317

1580/81

## 1500N/...

universal pullers with 2 sliding legs



	A min+Max mm	L mm	€		
1500N0	18÷65	70	79,00	1	015000600
1500N1	23÷70	100	82,50	1	015000601
1500N2	23÷100	100	89,00	1	015000602
1500N3	35÷140	150	148,50	1	015000603
1500N4	35÷190	150	159,50	1	015000604
1500N5	43÷250	205	307,00	1	015000605
1500N6	43÷320	205	333,00	1	015000606



1500N/SP6	865,00	1	015000626
1500N/0-1500N/1-1500N/2-1500N/3			
1500N/4-1500N/5			
1500N/SPV	104,50	1	015000006

## 1500N/G...

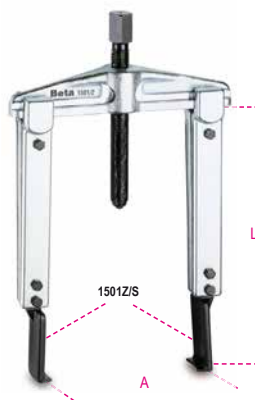
loose legs for pullers 1500N



	± mm	fit 1500N	€		
1500N/G0	10	/0	26,00	2	015000650
1500N/G1-2	12	/1-2	27,50	2	015000651
1500N/G3-4	17	/3-4	49,00	2	015000653
1500N/G5-6	23	/5-6	96,00	2	015000655

## 1501/1 - 2 - 3

thin leg pullers



	L mm	€		
1501/1	100	198,50	1	015010101
1501/2	200	210,50	1	015010102
1501/3	250	221,00	1	015010103

	A min+Max mm
1501/1	25÷130
1501/2	25÷130
1501/3	25÷130

## 1501G/1 - 2 - 3

legs for item 1501



	L mm	€		
1501G/1	100	109,50	1	015010111
1501G/2	200	127,00	1	015010112
1501G/3	250	138,00	1	015010113

## 1501Z/S - P - R

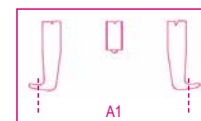
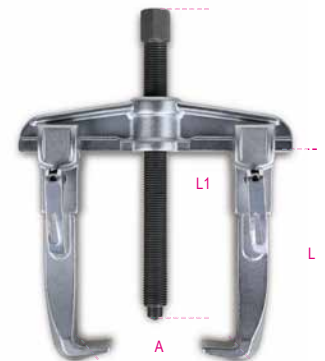
leg ends for item 1501G



	± mm	D mm	€		
1501Z/S	2,0	27	39,00	2	015010211
1501Z/P	3,6	27	40,00	2	015010212
1501Z/R	3,6	14	45,00	2	015010213

## 1502/...

two-leg universal pullers  
with quick leg adjustment and closure



	L mm	L1 mm	€		
1502/0	100	166	130,50	1	015020000
1502/1	100	166	142,00	1	015020001
1502/2	150	247	225,00	1	015020002
1502/3	150	247	249,00	1	015020003
1502/4	200	321	428,00	1	015020004

	A min+Max mm	A1 min+Max mm
1502/0	40÷90	80÷130
1502/1	50÷130	90÷170
1502/2	65÷150	115÷210
1502/3	65÷190	125÷260
1502/4	70÷235	170÷335

## 1505V

windshield and rear window wiper  
arm remover

Removable perforated brass tip  
for arm removal, with built-in washer jet



	A Max mm	L mm	€		
1505V	43	37	46,00	1	015050001



## 1505/C5

windshield wiper removal kit

1 two-leg puller, Ø 25÷40 mm

4 half-moon tools, Ø 25 mm, Ø 30 mm, Ø 35 mm, Ø 41 mm

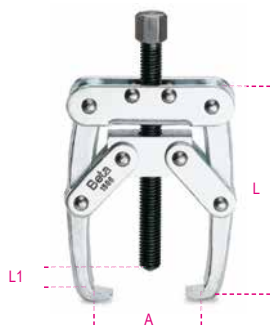


mm	€	1	015050300
12	154,00	1	015050300

320x150x60 mm - 1,2 kg

## 1506

two-leg self-locking puller



A	L	L1	€	1	015060001
min=Max	mm	mm			
10÷50	80	40	47,50	1	015060001

## 1508/1 - 1508/2

two-leg pullers, light series



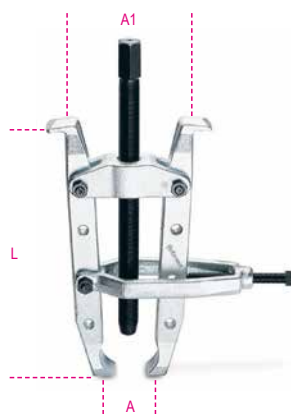
L	€	1	015080001
mm			
1508/1	158,00	1	015080001
1508/2	188,00	1	015080002

A	L1
min=Max	mm
6÷100	85
10÷140	120



## 1511/1 - 2 - 3

external pullers  
with two reversible legs



L	€	1	015110001
mm			
1511/1	268,00	1	015110001
1511/2	335,00	1	015110002
1511/3	416,00	1	015110003

A	A1
min=Max	min=Max
mm	mm
1511/1	65÷95
1511/2	103÷190
1511/3	103÷175

## 1515/1 - 2 - 3

pullers with two floating legs



L	€	1	015150101
mm			
1515/1	35,00	1	015150101
1515/2	37,00	1	015150102
1515/3	55,50	1	015150103

A	L1
Max	mm
1515/1	105
1515/2	105
1515/3	105

## 1516/1 - 2 - 3

pullers with three floating legs



L	€	1	015160001
mm			
1516/1	50,50	1	015160001
1516/2	54,00	1	015160002
1516/3	77,00	1	015160003

A	L1
Max	mm
1516/1	85
1516/2	85
1516/3	105

## 1517

three-leg self-locking pullers

- For major pulling loads.
- Self-locking effect.



L	L1	€	1	015170000
mm	mm			
1517/90	22	275,00	1	015170000
1517/150	22	282,00	1	015170010
1517/200	22	325,00	1	015170020
1517/260	30	377,00	1	015170030

mm	A	kg	N
	mm		
1517/90	18÷90	6000	59000
1517/150	25÷150	6000	59000
1517/200	40÷200	6000	59000
1517/260	50÷260	8000	78500



## 1517C TWO/THREE-LEG SELF-LOCKING PULLERS FOR EXTERNAL USE

Beta's puller 1517C relies on a leg self-locking mechanism triggered by the spring on the crosspiece. This feature makes it easy to position and lock the puller on the part to remove. After the puller has been fixed in place, the legs can be locked by means of the ring nut.

The peculiar crosspiece has 4 seats which allow the 1517C puller to be used with both 2 legs – for easier, quicker jobs – and 3 legs – for increased firmness.

The shear pin on the screw head breaks when the maximum permissible torque is exceeded, thereby protecting the puller from overloads.



## 1517C/... combination two/three-leg self-locking pullers

- for 2- or 3-leg use
- self-locking effect



	L mm	L1 mm	€	🔧	📄
1517C0	145	250	232,50	1	015170500
1517C1	200	300	286,00	1	015170501
1517C2	270	300	355,00	1	015170502

	A mm	● mm
1517C0	12÷140	18
1517C1	20÷180	18
1517C2	30÷280	18

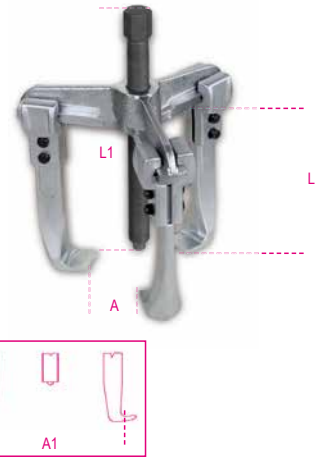
## 1518/... three-leg pullers



	L mm	€	🔧	📄
1518/1	105	85,00	1	015180001
1518/2	135	109,00	1	015180002
1518/3	235	192,50	1	015180003
1518/4	270	287,00	1	015180004
1518/5	270	337,00	1	015180005
1518/6	270	353,00	1	015180006

	A min÷Max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	150
1518/3	40÷220	220
1518/4	80÷250	240
1518/5	80÷300	350
1518/6	80÷350	400

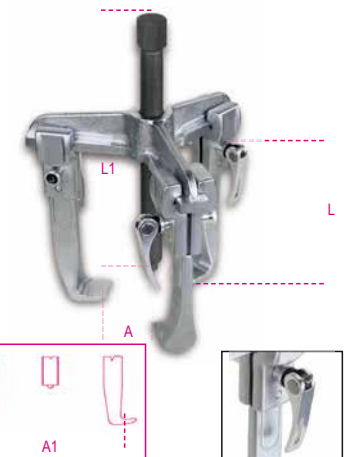
## 1518U/... three-leg universal pullers



	L mm	L1 mm	€	🔧	📄
1518U/0	100	166	160,50	1	015180500
1518U/1	100	166	172,00	1	015180501
1518U/2	150	247	261,00	1	015180502
1518U/3	150	247	273,00	1	015180503
1518U/4	200	321	394,00	1	015180504

	A min÷Max mm	A1 min÷Max mm	● mm
1518U/0	40÷90	80÷130	17
1518U/1	50÷130	90÷170	17
1518U/2	65÷150	115÷210	22
1518U/3	65÷190	125÷260	22
1518U/4	70÷235	170÷335	27

## 1519/... three-leg universal pullers with quick leg adjustment and closure



	L mm	L1 mm	€	🔧	📄
1519/0	100	166	185,00	1	015190000
1519/1	100	166	196,50	1	015190001
1519/2	150	247	281,00	1	015190002
1519/3	150	247	298,00	1	015190003

	A min÷Max mm	A1 min÷Max mm	● mm
1519/0	40÷90	80÷130	17
1519/1	50÷130	90÷170	17
1519/2	65÷150	115÷210	22
1519/3	65÷190	125÷260	22



## 1520/1 - 1520/2

pullers with two reversible legs



	L mm	€		
1520/1	135	81,00	1	015200101
1520/2	235	138,00	1	015200102

	A Max mm	L1 mm
1520/1	110	85
1520/2	160	140

## 1521/1 - 1521/2

pullers with three reversible legs



	L mm	€		
1521/1	135	104,50	1	015210101
1521/2	235	183,50	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

## 1528

self-locking puller  
for brake discs



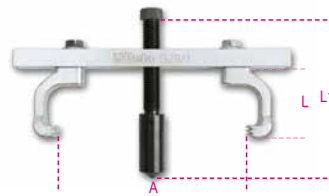
⊙ 19 mm

	A min+Max mm	€		
	170÷380	186,00	1	015280000

⊞ 480x240x60 mm - ⚖ 4,8 kg

## 1529

multi-step cone pulley puller



	A min+Max mm	L min+Max mm	L1 min+Max mm	€		
	24÷240	60÷95	90÷135	273,00	1	015290000

⊞ 260x210x60 mm - ⚖ 2,6 kg

## 1529/C7

pulley puller

Kit contents:

- 2 legs with two 4.7-mm-thick feet
- 2 legs with one 4.3-mm-thick foot
- 1 leg with two 2.3-mm-thick feet
- 1 leg with one 2.3-mm-thick foot

The pair of legs can be made up according to one's operating requirements



	L mm	L1 mm	A min+Max mm	€		
1529/C7	50	72,5	53÷114	159,00	1	015290100

⊞ 285x155x50 mm - ⚖ 2 kg

## 1529PI

universal injection pump pulley puller

- Allows fuel injection pump pulley to be quickly and accurately removed.
- Particularly suitable for Fiat, Ford, Volkswagen, Citroën and Peugeot vehicles.

Includes 3 pairs of screws for tightening puller to pulley:

M6 x 1.0 x 49 mm

M7 x 1.0 x 75 mm

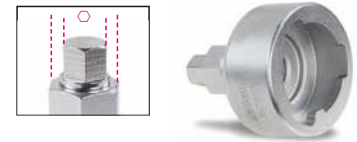
M8 x 1.25 x 76 mm



1529PI	€	114,00	1	015290051
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## 1529/PG

high-pressure diesel oil pump puller,  
for VAG group vehicles



	mm	€		
	15-24	70,00	1	015290010

## 1530/C5

wheel hub and bearing pulling kit,  
3, 4, 5 holes

Kit contents:

- 1 universal flange (96÷138 mm)
- 1 hydraulic screw (12 t)
- 1 hammer face (2.8 kg), required for hubs without central fixing bolts



1530/C5	€	574,00	1	015300300
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⊞ 760x320x120 mm - ⚖ 11,5 kg

## 1530/C16

hammer face kit with spacing studs,  
for pulling wheel hubs and bearings  
3, 4, 5 holes

Ideal for hubs with projecting centre rings

Kit contents:

- 1 universal flange (90÷130 mm)
- 1 hammer face (5 kg)
- 4 M12 coupling studs
- 4 M14 coupling studs



1530/C16	€	706,00	1	015300316
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⊞ 760x310x100 mm - ⚖ 13,5 kg



## 1531/C7

removal kit for hub wheel bearing inner rings

included sizes:

- 1 pliers Ø 40÷45 mm
- 1 pliers Ø 45÷51 mm
- 1 pliers Ø 50÷55 mm
- 1 pliers Ø 55÷61 mm



1531/C7 € 776,00 1 015310107

390x315x96 mm - 4,3 kg

## 1532

packing and oil seal removal tool



1532 € 18,00 2 015320001

## 1533/...

pullers for separators 1534



	L mm	€		
1533/2	150	117,00	1	015330002
1533/3	210	223,00	1	015330003
1533/4	315	354,00	1	015330004
1533/5A	305	428,00	1	015330006

	A min=Max mm	L1 mm
1533/2	45÷140	110
1533/3	55÷205	175
1533/4	90÷260	175
1533/5A	100÷360	235

## 1533PR/1 - 2 - 3

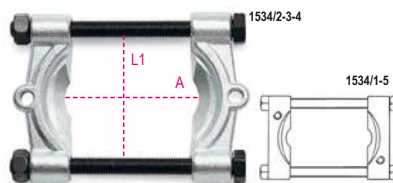
extensions for pullers 1533



	€		
1533PR/1	25,50	1	015330011
1533/2			
1533PR/2	27,50	1	015330012
1533/3			
1533PR/3	29,00	1	015330013
1533/4-5			
1533PR/5A	29,00	1	015330016
1533/5A			

## 1534/...

separators



		€		
1534/1	1533/2	102,00	1	015340001
1534/2	1533/2	120,50	1	015340002
1534/3	1533/3	200,50	1	015340003
1534/4	1533/4	337,00	1	015340004
1534/5A	1533/5A	694,00	1	015340006

	A min=Max mm	L1 mm
1534/1	5÷60	63
1534/2	12÷75	75
1534/3	22÷115	118
1534/4	25÷155	154
1534/5A	30÷220	180

## 1535/C...

puller kits



	€		
1535/C1	328,00	1	015350001

260x180x40 mm - 2,5 kg

	€		
1535/C2	346,00	1	015350002

	1533/2
	1533PR/1
	1534/1

260x180x40 mm - 2,8 kg

	€		
1535/C3	562,00	1	015350003

	1533/3
	1533PR/2
	1534/3

380x280x55 mm - 8,0 kg

	€		
1535/C4	871,00	1	015350004

	1533/4
	1533PR/3
	1534/4

420x380x65 mm - 14,8 kg

	€		
1535/C5A	1.330,00	1	015350006

	1533/5
	1533PR/3
	1534/5

530x510x85 mm - 27,2 kg

## 1539

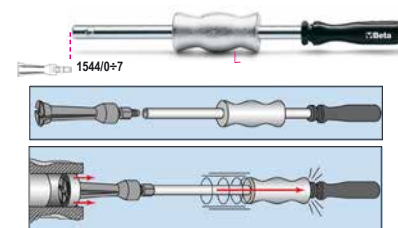
sheet sliding hammer



1539 € 178,50 1 015390001

## 1540

sliding hammer



	L mm	M	1544 0÷7	€		
1540	390	M10	0÷7	100,00	1	015400001





### 1542/1 - 1542/2

two-leg pullers for extractors

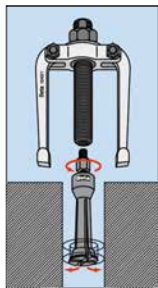


	A	1544	€		
	min+Max	mm			
1542/1	35÷75	0÷7	86,00	1	015420001
1542/2	60÷130	9C-10C	129,50	1	015420002

	L	L1
	mm	mm
1542/1	140	140
1542/2	175	160

### 1544/...

internal extractors



	C	mm	€		
1544/0	0,25	M10	76,00	1	015440100
A= 5÷7					
1544/A	0,80	M10	79,00	1	015440105
A= 7÷9					
1544/1	0,80	M10	81,00	1	015440110
A= 9÷12					
1544/2	1,15	M10	83,00	1	015440120
A= 13÷17					
1544/2B	1,00	M10	84,50	1	015440121
A= 14÷19					
1544/3	1,70	M10	87,00	1	015440130
A= 16÷21					
1544/4	1,65	M10	96,50	1	015440140
A= 20÷25					
1544/5	2,00	M10	103,50	1	015440150
A= 25÷30					
1544/6	3,00	M10	129,50	1	015440160
A= 30÷37					
1544/7	3,80	M10	147,00	1	015440170
A= 38÷45					
1544/9C	2,60	G 3/8"	213,00	1	015440189
A= 40÷75					
1544/10C	7,30	G 3/8"	294,00	1	015440199
A= 70÷115					

### 1545/C5M

puller 1542/1 with 5 extractors 1544



1545/C5M	€		
	577,00	1	015450011

1542/1	● 24 mm
1544/1	9÷12 mm
1544/2	13÷17 mm
1544/3	16÷21 mm
1544/4	20÷25 mm
1544/5	25÷30 mm

265x180x45 mm - 2,4 kg

### 1547/C6

dummy ball bearing extractors



1547/C6	€		
	301,00	1	015470006

420x185x60 mm - 3 kg

### 1547KP

set of 3 pairs of dummy ball terminals



	Ø	mm	€		
1547KP/1	9-11-12,5		47,00	1	015470106
1547KP/2	5-6-8		32,50	1	015470206

### 1547P

hexagonal extensions



	L	mm	€		
1547P/1	205	1547/1	10,10	1	015470101
1547P/2	102	1547/2	6,45	1	015470201

### 1547PC/2

round extensions, short series



	L	mm	€		
1547PC/2	42	1547/2	5,20	1	015470202

### 1547PL/2

round extensions, long series



	L	mm	€		
1547PL/2	106	1547/2	5,80	1	015470203

### 1549

kit for removing and installing double effect shock absorbers with gas return

allows stem to be kept straightened while springs are being installed



1549	€		
	409,00	1	015490001

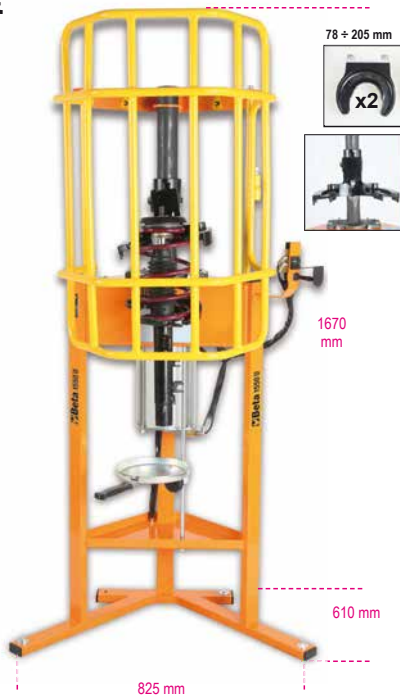
310x270x110 mm - 3 kg



## 1550U

pneumatic shock absorber removal tool  
for cars, SUVs and commercial vehicles

CE



### Features

- Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
- Spring compression stroke: 335 mm
- Upper universal hold system that allows all left/right-hand spring diameters to be compressed with one upper adaptable plate
- Active safety system on spring: safety hook and 3 locking valves allow spring to be properly positioned/seated, maintaining such position throughout compression
- If spring is not positioned properly, system will stop machine.
- Protective "Full Body" Grille: provides maximum safety and working area coverage
- Control Lever operation: increased accuracy and sensitivity during compression stage
- Working position: working height on rear fork raised up to 875 mm
- Supplied with 2 lower forks for diameters 78-205 mm

1550U € 3.110,00 1 015500010

## 1550U/CGS-R

lowered upper jaws, pair, for item 1550U



1550U CGS-R € 599,00 1 015500035

## 1550U/MRC-ABE

special forks for item 1550U,  
specially designed for Mercedes A-B-E Class cars



1550U/MRC-ABE € 618,00 1 015500031

## 1550U/MRC-C

special forks for item 1550U,  
specially designed for Mercedes C class cars



1550U/MRC-C € 543,00 1 015500032

## 1550U/S...

lower fork for item 1550U



	∅ mm	€	1	015500014
1550U/S 130	78÷130 mm	393,00	1	015500014
1550U/S 182	105÷182 mm	393,00	1	015500015
1550U/S 205	125÷205 mm	393,00	1	015500016

## 1550U/SS187

left-hand fork for item 1550U

Particularly suitable for left-hand springs,  
e.g. Nissan Qashqai and Renault Koleos



1550U/SS 187 € 393,00 1 015500018

## 1550U/M

vice for shock absorber removal tool item  
1550U

Allows shock absorber stem to be locked



1550U/M € 373,00 1 015500021

## 1551/C20

kit for removing shock absorber heads

### Kit contents:

- 7 hexagon sockets, sizes: 16 - 17 - 18 - 19 - 21 - 22 - 24
- 1 socket extension, length: 120 mm
- 3 slotted female bits, sizes: 8x5 - 8x6 - 11x8
- 1 female hexagon bit, size: 10 mm
- 1 male XZN(R) bit, size: M10
- 1 male Torx(R) bit, size: T50
- 4 male hexagon bits, sizes: 5- 6 - 7 - 8
- 1 bit holder extension, length: 95 mm
- 1 bit holder extension, length: 190 mm



∅ 8 - 21 mm

1551/C20 € 164,50 1 015510020

320x245x71 mm - 2,6 kg

## 1552/C9

kit for spreading shock absorber, wishbone  
and steering wheel joints apart

working with single or double retractor head also makes it  
possible to work on double joints, e.g. from VAG group



∅ 13 mm

1552/C9 € 130,50 1 015520020

195x140x40 mm - 1,0 kg

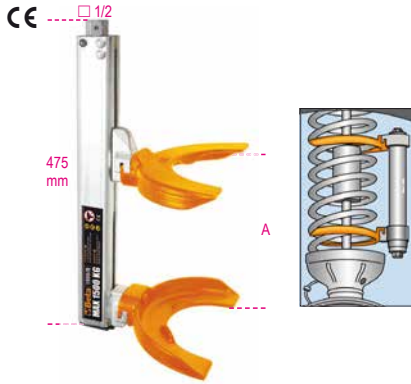




## 1555/0

compressor for MacPherson and equivalent shock absorber springs

Maximum thrust: 1500 kg



A	Ø	€		
min+Max	min+Max			
mm	mm			
65+354	80÷195	851,00	1	015550006

## 1555/QS

compressor for MacPherson and equivalent shock absorber springs



A	Ø	€		
min+Max	min+Max			
mm	mm			
70+300	80÷200	1.048,00	1	015550005

## 1555S/BMW-RNT

fork for BMW E39, E46 and Renault Mégane II shock absorbers, for items 1555Q and 1555/QS



1555S/BMW-RNT	€			
	329,00	1	015550303	

## 1555C

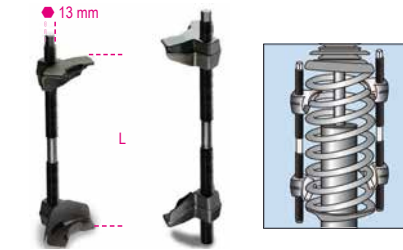
telescopic compressor for shock absorber springs with 4 forks and torsion bar



A	Ø	N	t	€		
min+Max	min+Max					
mm	mm					
80+225	90+160	25000	8,5	1.010,00	1	015550202

## 1556/1A

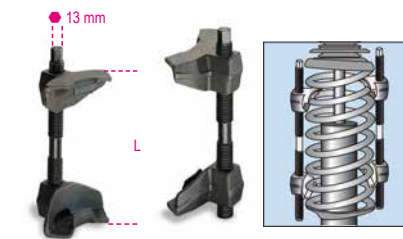
compressor for shock absorber springs



min L	Max	€		
mm	mm			
65+320		245,50	1	015560101

## 1556/2A

compressor for shock absorber springs



min L	Max	€		
mm	mm			
65+200		242,50	1	015560102

## 1557

impact sockets for truck leaf springs



L	L1	€		
mm	mm			
37	28	91,00	1	015570137
46	34	93,00	1	015570146
56	34	101,00	1	015570156

## 1557V

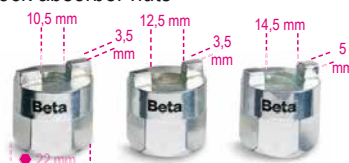
impact sockets for Volvo leaf springs



mm	€			
27	47,50	1	015570299	

## 1557/S3

set of 3 sockets for shock absorber nuts



1557/S3	€			
	71,00	1	015570010	

## 1558/C4

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

Supplied tips:  
Ø 2.5-3-3.5 mm



1558/C4	Ø mm	Ø mm	€		
	5,5 ÷ 77	5,5 ÷ 77	175,50	1	015580100

330x220x50 mm - 900 g

## 1558P

snap ring tips, pair, for item 1558



Ø	mm	€		
2,5		7,65	1	015580125
3,0		7,65	1	015580130
3,5		7,65	1	015580135

## 1558/C13

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions

supplied tips:

- straight: Ø 2.5 - 3 - 3.5 - 3.8 mm
- 45°: Ø 2.5 - 3 - 3.5 - 3.8 mm
- 90°: Ø 2.5 - 3 - 3.5 - 3.8 mm



1558/C13	Ø mm	Ø mm	€		
	5,5 ÷ 77	5,5 ÷ 77	235,00	1	015580200

330x220x45 mm - 1,6 kg

## 1559

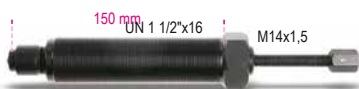
ball joint puller, light series



	A Max mm	Ø mm	€		
1559/22	50	18÷22	90,50	1	015590001
1559/36	90	36	417,00	1	015590036
1559/45	115	45	625,00	1	015590045

## 1559V/8T

hydraulic screw for ball joint pullers 1559/36 and 1559/45



Nm	t	€		
80000	8	315,00	1	015590145

## 1560/2

ball joint pullers, professional type



	A min÷Max mm	Ø mm	€		
1560/2	60÷85	20	194,00	1	015600002

## 1560A

ball joint puller



	€		
1560A	260,00	1	015600601

## 1561/...

ball joint pullers



	L mm	A mm	Ø mm	€		
1561/1	39	36,6	18	70,50	1	015610001
1561/2	47	45,7	25	92,00	1	015610002
1561/3	63	62	30	134,00	1	015610003
1561/4	75	63	40	170,00	1	015610004

## 1562D

ball joint puller

Supplied with 2 screws for pulling suspension and steering joints



A max mm	Ø mm	● mm	L mm	€		
50	39	26	155	354,00	1	015620239

## 1563/C4

set of 4 ball joint removal sockets

for use with air hammer

- set contents:
- 1 socket M12x1.25 mm
  - 1 socket M12x1.5 mm
  - 1 socket M14x1.5 mm
  - 1 socket M16x1.5 mm



22/24 mm

	€		
1563/C4	50,50	1	015630010

## 1565/1 - 2 - 3

fork separators for ball joints



	Ø mm	L1 mm	€		
1565/1	18	65	80,50	1	015650001
1565/2	23	65	90,50	1	015650002
1565/3	30	88	94,50	1	015650003

## 1566N

tool for removing/installing steering arms



Ø x L mm	Ø mm	□ mm	€		
28÷35 x 400	27	12	128,00	1	015660005
35÷45 x 190	27	-	128,00	1	015660008
35÷45 x 400	27	12	144,00	1	015660010

## 1566R

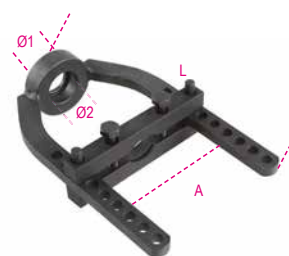
adjustable tool for removing/installing steering arms



Ø mm	€		
27÷43	24,50	1	015660015

## 1566/G01

homokinetic joint puller



L mm	A mm	Ø1 mm	Ø2 mm	€		
250	115	29	36	152,50	1	015660052

## 1566P

ribbed axle shaft

circlip pliers

Pliers compress circlip, making it easier to fix axle shaft into homokinetic joint



L mm	A Max mm	€		
280	36	69,50	1	015660091

## 1567

lever for removing wishbone heads and shock absorbers from pillar

Can be used by one operator



A mm	B min÷Max mm	€		
1060	100÷300	351,00	1	015670001

## 1568

pneumatic assembly tool  
for silicone axle shaft boots  
8 spreader arms  
maximum arm spreading: 145 mm

CE



L mm	L1 mm	€	🔧	📄
420	195	250,00	1	015680001

## 1569/F

tool assortment for removing and inserting  
Fiat Panda, Fiat 500 and Ford Ka silentblocks



1569/F	€ 462,00	🔧 1	📄 015690021
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## 1569/SB

assortment of tools for removing and installing  
rear axle silent blocks,  
driving shaft oil seals and wheel bearings  
• bushings can be used both on vehicle and on hydraulic  
press



1569/SB	€ 259,00	🔧 1	📄 015690016
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425x365x100 mm - 13 kg

## 1569CP

striking tools  
for installing conical bearings and oil seals

Quick adjustment



	∅ min+Max mm	L mm	€	🔧	📄
1569CP/50	9,5÷50	130	137,00	1	015690750
1569CP/90	18÷90	145	170,00	1	015690790

## 1570/3

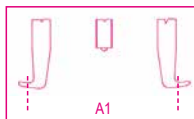
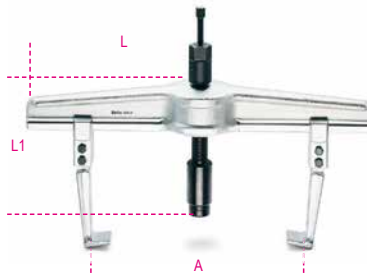
hydraulic presses for pullers



t	L mm	L1 mm	∅ mm	€	🔧	📄
30	243	36	19	252,00	1	015700003

## 1580/8I

two-leg hydraulic puller



1580/8I	€ 1.615,00	🔧 1	📄 015800008
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	A min+Max mm	L mm	L1 mm	A1 min+Max mm	N Max
1580/8I	170÷640	715	280	260÷715	180000

## 1580GL

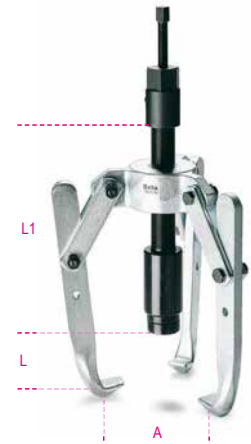
loose legs, long series, for pullers item 1580/8I



	L mm	€	🔧	📄
1580GL/8A	300	182,50	1	015800227
1580GL/8B	400	203,00	1	015800228
1580GL/8C	500	259,00	1	015800229

## 1585/5I - 6I - 7I

three-leg pullers for hydraulic use

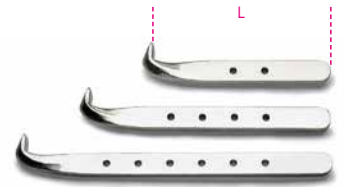


	€	🔧	📄
1585/5I	1.123,00	1	015850005
1585/6I	1.181,00	1	015850006
1585/7I	1.215,00	1	015850007

	A min+Max mm	L1 mm	L mm	N Max
1585/5I	50÷350	135	280	150000
1585/6I	50÷350	235	280	150000
1585/7I	50÷350	335	280	150000

## 1585GI/5 - 6 - 7

legs for hydraulic puller  
1585/I-1585/6I-1585/7I



	L mm	€	🔧	📄
1585GI/5	135	102,00	1	015850205
1585GI/6	235	120,50	1	015850206
1585GI/7	335	146,50	1	015850207

## 1589VI

hydraulic screw for pullers  
1580/8I and 1585/5I - 1585/6I - 1585/7I



1589VI	€ 662,00	🔧 1	📄 015890001
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## 1589PI/50 - 100 - 150

extension sockets for hydraulic screw



	L mm	L1 mm	€	🔧	📄
1589PI/50	50	70	60,00	1	015890005
1589PI/100	100	120	66,00	1	015890010
1589PI/150	150	170	72,00	1	015890015



## 1590

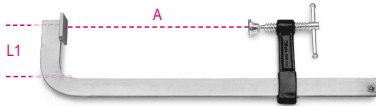
standard clamps



A max mm	L1 mm	€	🔧	📦
60	55	27,50	2	015900305
100	65	44,00	2	015900310
150	95	73,00	2	015900315

## 1591

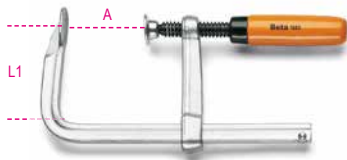
screw clamps



A ~	A max mm	L1 mm	€	🔧	📦
200	200	80	29,00	2	015910020
300	310	85	35,50	2	015910030
400	410	85	38,00	2	015910040
500	500	95	51,50	2	015910050
600	600	95	52,50	2	015910060
800	800	95	63,50	2	015910080
1000	1000	110	80,00	2	015910100

## 1593

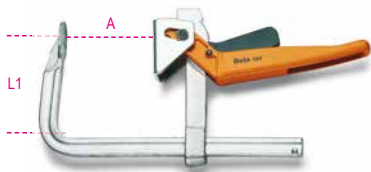
screw clamps



A ~	A max mm	L1 mm	€	🔧	📦
160	170	80	34,50	2	015930016
200	240	100	52,50	2	015930020
300	320	145	73,50	2	015930030

## 1594

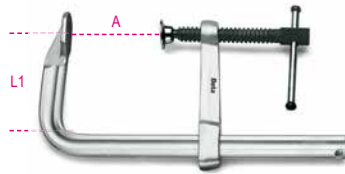
lever bar clamps



A ~	A max mm	L1 mm	€	🔧	📦
200	240	145	114,00	1	015940020
250	290	145	118,50	1	015940025
300	340	145	127,00	1	015940030
400	430	150	133,00	1	015940040
500	530	150	139,50	1	015940050
600	630	150	146,50	1	015940060

## 1595

screw clamps



A ~	A max mm	L1 mm	€	🔧	📦
200	230	100	54,50	2	015950020
250	270	120	59,50	2	015950025
300	330	120	75,50	2	015950030
400	420	120	85,00	2	015950040
500	520	125	92,00	2	015950050
600	620	125	97,50	2	015950060
800	820	125	115,50	1	015950080
1000	1030	125	128,50	1	015950100

## 1599F

parallel bench vices, forged

Fully steel cast. Milled and hardened jaw surface.  
Front opening. High clamping depth.

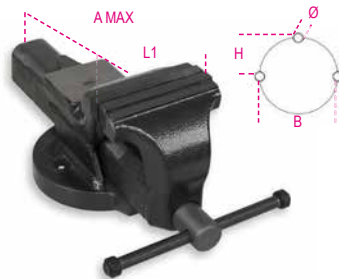


L1 mm	BxH mm	Ø mm	A MAX mm	€	🔧	📦
100	92x46	11	125	338,00	1	015990100
125	108x54	13	150	432,00	1	015990125
150	125x62	13	200	607,00	1	015990150
175	140x70	15	220	828,00	1	015990175

## 1599GI

parallel bench vices with interchangeable jaws

- with square guide for heavy-duty jobs
- interchangeable jaws with hardened surface



L1 mm	BxH mm	Ø mm	A MAX mm	€	🔧	📦
100	92x46	11	125	261,00	1	015990200
125	108x54	13	150	359,00	1	015990225
150	125x62	13	200	490,00	1	015990250
175	140x70	15	220	654,00	1	015990275

## 1599GR

pairs of jaws and spare screws for vices 1599GI

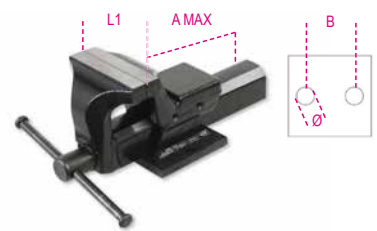


A mm	€	🔧	📦
1599GR 100	100	25,00	1 015990920
1599GR 125	125	31,50	1 015990925
1599GR 150	150	38,00	1 015990950
1599GR 175	175	44,50	1 015990975

## 1599P

parallel bench vices

Hardened jaws.  
Anvil with large lacquered surface.  
Square steel base.



L1 mm	B mm	Ø mm	A MAX mm	€	🔧	📦
100	92	11	111	297,00	1	015990000
125	108	13	130	357,00	1	015990025
150	130	15	170	497,00	1	015990050

## 1599B

revolving bases for vices item 1599P

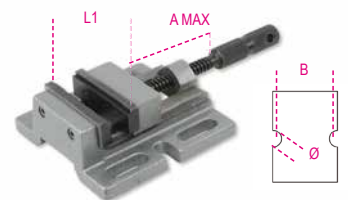


1599B	1599P	€	🔧	📦
1599B 100	100	124,00	1	015990810
1599B 125	125	141,00	1	015990812
1599B 150	150	174,50	1	015990815

## 1599T

parallel drill vices

Special cast iron vices, with hardened and ground jaws.  
For use on small and medium size pillar drills



L1 mm	B mm	Ø mm	A MAX mm	€	🔧	📦
80	111	11	65	167,50	1	015990480
100	120	13	87	208,00	1	015990500

## 1599G

pairs of aluminium jaw covers



A mm	€		
100	54,50	1	015990910
125	56,50	1	015990912
150	62,00	1	015990915
180	68,50	1	015990917

## 1600Q 8

four-way wrench for control panel operators

square 5 / 6 / 7-8 mm  
triangle 7 / 9 mm  
flaps 3-5 mm  
hexagon 1/4"  
slotted head 1.0x7 mm + cross head PH2



L mm	€		
76	30,50	1	016000008

## 1600Q 10

eight-way wrench with articulated joint, for control panel operators

square 5 / 6-7 / 8-9 mm  
triangle 5-6-7 / 8-9 / 10 mm  
flaps 3-5 mm  
hexagon 1/4"  
male drive 1/4"



L mm	€		
125	38,50	1	016000010

## CERTIFICATION SERVICE FOR MEASURING INSTRUMENTS

Certification of measuring instruments is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

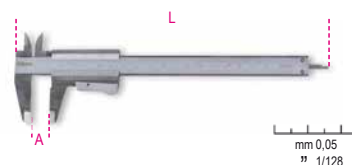
Certification involves issuing an Accredia certificate:

**On request, Beta Utensili S.p.A. provides the certification service for Sliding Gauges, Digital Verniers, Dial Indicators, Micrometers and Feeler Gauges. To receive this service, please contact your dealer.**



## 1650

sliding gauge reading to 0.05 mm

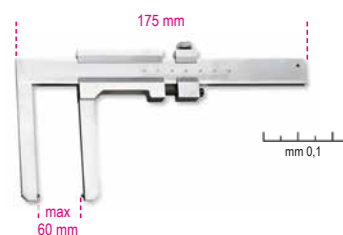


UNI EN ISO 13385-1DIN 862

A max mm	L mm	€		
150	235	64,50	1	016500001
200	290	85,00	1	016500002

## 1650FD

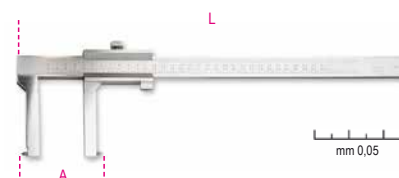
sliding gauge for brake discs reading to 0.1 mm



L mm	€		
76	225,50	1	016500050

## 1650FT

sliding gauge for brake drums made from stainless steel reading to 0.05 mm



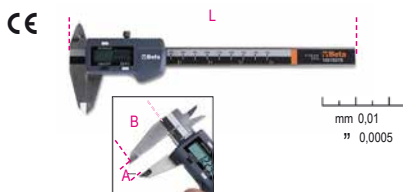
A max mm	L mm	€		
1650FT/1	350 438	423,00	1	016500060
1650FT/2	500 550	738,00	1	016500070

## 1651DGTB

digital vernier, reading to 0.01 mm

Features:

- reading to 0.01 mm
- screw slider locking
- mm/inch conversion
- zero setting at any position
- square depth rod up to 300 mm
- in hard plastic case



UNI EN ISO 13385-1DIN 862CE

A Max mm	L mm	B mm	€		
150	235	40	109,00	1	016510211
200	285	50	142,00	1	016510212
300	400	60	185,50	1	016510213

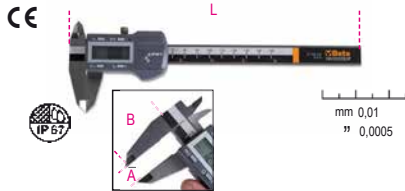


## 1651DGTB/IP

digital vernier,  
reading to 0.01 mm,  
degree of protection IP67

- reading to 0.01 mm
- screw slider locking
- mm/inch conversion
- automatic power on by moving the vernier along its rod
- zero setting at any position
- HOLD function
- absolute and incremental measurement modes

Degree of protection IP67 provides total protection against dust and liquids, maintaining the functional characteristics of the vernier, e.g. when it is totally immersed.



UNI EN ISO 13385-1 DIN 862CE

A Max mm	L mm	B mm	€	1	016510711
150	235	40	178,00	1	016510711

270x115x35 mm - 450 g

## 1652

analogue vernier,  
analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652	€	1	016520016
	136,50	1	016520016

## 1654

workshop verniers,  
reading to 0.02 mm



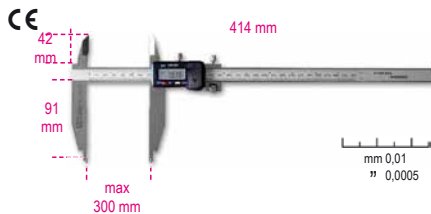
UNI EN ISO 13385-1DIN 862

A max mm	L mm	€	1	016540020
200	330	299,00	1	016540020
300	410	406,00	1	016540030



## 1654DGT

digital vernier,  
reading to 0.01 mm  
reading to 0.0005"

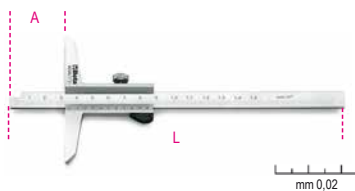


UNI EN ISO 13385-1DIN 862CE

1654DGT	€	1	016540111
	685,00	1	016540111

## 1656

depth gauge, reading to 0.02 mm

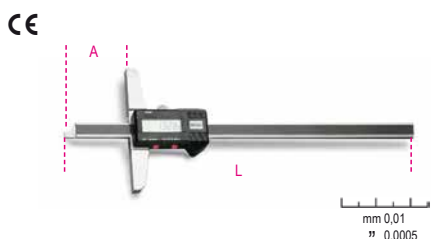


UNI EN ISO 13385-2DIN 862

A max mm	L mm	€	1	016560020
200	260	142,00	1	016560020
300	360	208,50	1	016560030

## 1657DGT/2

digital depth gauge  
reading to 0.01 mm  
reading to 0,0005"



UNI EN ISO 13385-2DIN 862CE

1657DGT/2	A max mm	L mm	€	1	016570002
	200	270	264,00	1	016570002

## 1658/...

outside micrometers,  
reading to 0.01 mm



DIN 863/II

	A mm	€	1	016580025
1658/25	0+25	81,50	1	016580025
1658/50	25+50	88,50	1	016580050
1658/75	50+75	100,00	1	016580075
1658/100	75+100	109,50	1	016580100

## 1658/C4

assortment of 4 micrometers  
item 1658



DIN 863

1658/C4	€	1	016580001
	328,00	1	016580001

1658/25 0+25 mm

1658/50 25+50 mm

1658/75 50+75 mm

1658/100 75+100 mm

365x245x35 mm - 2,5 kg

## 1658DGTB

IP65 digital outside micrometers, reading to 0.001 mm

- reading to 0.001 mm
- hardened steel calipers
- lever slider locking
- mm/inch conversion
- zero setting at any position
- absolute and incremental measurement modes
- supplied with a calibration wrench



DIN 863CE

1658DGTB 25	€	1	016580525
	222,50	1	016580525
1658DGTB 50	277,00	1	016580550





## 1658SP/1

base for micrometer

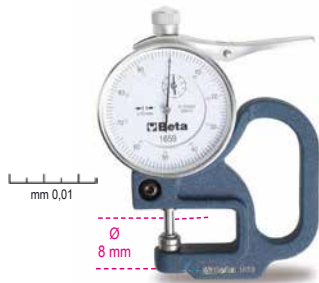


1658SP/1	€	56,50	1	016580910
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## 1659

thickness gauge with dial indicator, reading to 0.01 mm

C=dial field



1659	C mm	€	209,50	1	016590001
	0÷10				

## 1662/1 - 1662/2

dial indicator, reading to 0.01 mm

C=dial field



DIN 878	C mm	€			
1662/1	0÷5	96,00	1	016620001	
1662/2	0÷10	117,00	1	016620010	

## 1662DGT/A

digital dial indicator, reading to 0.01 mm

C = Dial field

CE



1662DGT/A	C mm	€	291,00	1	016620311
	0-12,5				

## 1662AN

adjustable stylus dial indicator, reading to 0.01 mm

C=Dial field



DIN 2270	C mm	€	227,00	1	016620200
1662AN	0÷0,8				

## 1662SP0

magnetic base



1662SP0	€	81,00	1	016620800
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## 1662SP2

magnetic base, rotating



1662SP2	€	146,50	1	016620910
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## 1666

precision squares made from stainless steel ground and lapped



DIN 875/0	L mm	L1 mm	€		
	100	70	66,00	1	016660210
	150	100	96,00	1	016660215
	200	130	115,00	1	016660220
	250	165	149,00	1	016660225
	300	200	187,50	1	016660230

## 1666A

flanged precision squares made from stainless steel ground and lapped



DIN 875/0	L mm	L1 mm	€		
	100	70	97,00	1	016660110
	150	100	131,50	1	016660115
	200	130	185,00	1	016660120
	250	170	230,00	1	016660125
	300	200	291,00	1	016660130

## 1668

squares made from normalized, ground steel



DIN 875/2	L mm	L1 mm	€		
	100	70	29,50	2	016680210
	150	100	39,00	2	016680215
	200	130	50,50	2	016680220
	250	165	73,50	1	016680225
	300	174	90,50	1	016680230



## 1668A

flanged precision squares  
made from normalised, ground steel



DIN 875/2

L mm	L1 mm	€	📏	📦
100	70	35,00	2	016680110
150	100	53,50	2	016680115
200	130	68,00	2	016680120
250	165	98,00	1	016680125
300	176	117,00	1	016680130

## 1670

squares  
made from ground steel



L mm	L1 mm	€	📏	📦
100	70	18,20	3	016700010
150	100	19,00	3	016700015
200	130	21,40	3	016700020
250	160	23,40	3	016700025
300	175	26,00	3	016700030
400	230	38,50	2	016700040
500	280	43,00	2	016700050
600	330	45,50	2	016700060
800	420	61,50	1	016700080
1000	500	73,50	1	016700099

## 1670A

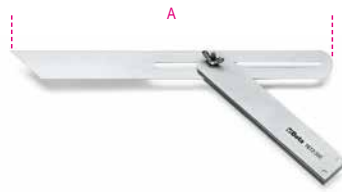
flanged precision squares  
made from ground steel



L mm	L1 mm	€	📏	📦
100	70	23,90	3	016700110
150	100	26,00	3	016700115
200	130	28,00	3	016700120
250	165	34,00	3	016700125
300	175	40,00	3	016700130
400	230	52,00	2	016700140
500	280	69,50	2	016700150
600	330	78,00	2	016700160
800	420	92,50	1	016700180
1000	500	115,00	1	016700199

## 1672

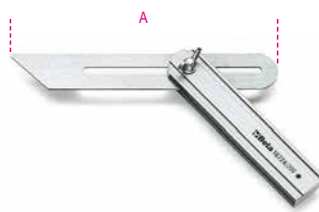
mitre square, adjustable sliding blade,  
base and blade made from steel



A mm	€	📏	📦
300	55,50	2	016720030

## 1672A

mitre square, adjustable,  
sliding blade, aluminium base,  
blades made from chrome-plated steel



A mm	€	📏	📦
200	29,00	3	016720120
300	32,00	3	016720130

## 1674A

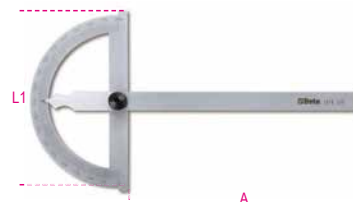
carpenter's squares blades  
made from stainless steel,  
with aluminium bases, double metric scale



L mm	L1 mm	€	📏	📦
300	169	27,50	2	016740130
400	214	34,50	2	016740140

## 1676

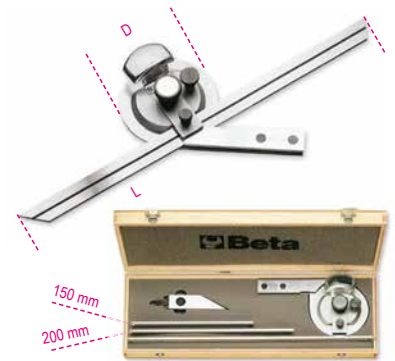
protractors made from stainless steel



A ~	A mm	L1 mm	G mm	€	📏	📦
120	120	80	1°	43,50	2	016760012
150	165	120	1°	50,00	2	016760015
200	210	150	1°	60,00	2	016760020
300	310	200	1°	81,00	1	016760030

## 1678/C3

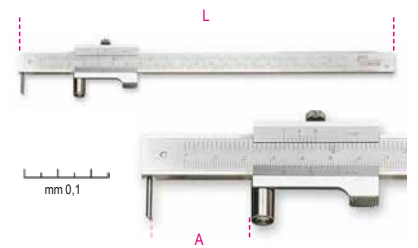
bevel protractor  
made from stainless steel



1678/C3	L Max mm	D mm	€	📏	📦
	300	70	308,00	1	016780030

## 1679

universal gauge with contact-roll,  
made from stainless steel,  
reading to 0.1 mm



L mm	A Max mm	€	📏	📦
235	200	93,00	1	016790020

## 1679/PR

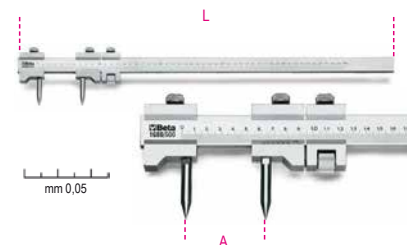
spare tip for universal gauge 1679



1679/PR	€	📏	📦
	15,00	1	016790021

## 1680

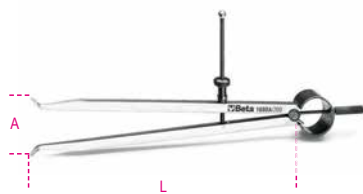
trammels, hardened steel body  
and tips



L mm	A Max mm	€	📏	📦
660	500	308,00	1	016800050

## 1680A

inside callipers



L mm	A Max mm	€	🔧	📄
150	144	20,10	2	016800115
200	200	24,70	2	016800120
250	245	30,50	1	016800125
300	300	35,00	1	016800130

## 1680B

outside callipers



L mm	A Max mm	€	🔧	📄
150	155	20,10	2	016800215
200	190	24,70	2	016800220
250	235	30,50	1	016800225
300	280	35,00	1	016800230

## 1680C

precision dividers,  
hardened steel straight tips



L mm	A Max mm	€	🔧	📄
150	138	20,10	2	016800315
200	190	24,70	2	016800320
250	235	30,50	1	016800325
300	280	35,00	1	016800330

## 1682

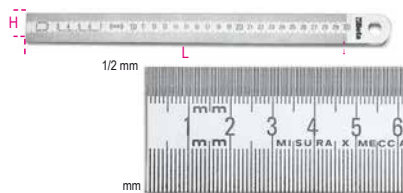
flexible graduated rules  
made from stainless steel



L mm	H mm	t mm	€	🔧	📄
150	13	0,5	3,25	5	016820015
200	13	0,5	3,50	5	016820020
250	13	0,5	4,35	5	016820025
300	13	0,5	5,40	5	016820030
500	13	0,5	12,20	2	016820050
1000	13	0,5	32,00	2	016820100

## 1683

semi-rigid graduated rules  
made from stainless steel



L mm	H mm	t mm	€	🔧	📄
300	30	1	9,55	5	016830030
500	30	1	16,00	2	016830050
1000	30	1	40,00	2	016830100
1500	30	1	89,50	1	016830150

## 1685/C7

assortment of 7 measuring and marking tools



1685/C7	€	🔧	📄
	314,00	1	016850110

1650	160 mm
1658/25	0+25 mm
1670	100 mm
1680C	150 mm
1682	150 mm
1688BC	165 mm
1688BC/R	

320x210x37 mm - 1,2 kg

## 1687A

engineer's precision scribe,  
tip bent at 90°, with handle



1687A	L mm	L1 mm	€	🔧	📄
	153	80	6,80	1	016870120

## 1687AC

engineer's precision scribe,  
short tip bent at 90°, with handle



1687AC	L mm	L1 mm	€	🔧	📄
	153	80	6,80	1	016870125

## 1687D

engineer's precision scribe,  
straight tip, with handle



1687D	L mm	L1 mm	€	🔧	📄
	153	80	6,80	1	016870110

## 1687U

engineer's precision scribe,  
hook tip, with handle



1687U	L mm	L1 mm	€	🔧	📄
	153	80	6,80	1	016870115

## 1687/S4

set of 4 engineer's precision scribes,  
with handles



1687/S4	€	🔧	📄
1687A-1687AC 1687D-1687U	27,00	1	016870150

## 1688

engineer's scribe  
made from hardened steel



1688	L mm	Ø mm	€	🔧	📄
	250	2	8,95	5	016880020

## 1688A

engineer's scribe  
made from hardened steel



1688A	L mm	Ø mm	€	🔧	📄
	200	4	16,20	5	016880120



## 1688PC

engineer's scribe  
made of chrome-plated, hardened steel



1688PC	L mm	Ø mm	€	1	016880300
	150	1	38,50		

## 1688PC/R

spare tip for item 1688PC



1688PC/R	€	1	016880310
	11,20		

## 1688M

carpenter's pencil



1688M	L mm	€	50	016880880
	180	1,16		

## 1690F

folding ruler made of fibreglass  
precision class III

CE



1690F/2	L m	S mm	€	5	016900220
	2	17	12,70		

## 1690L

folding ruler made of birch  
precision class III

CE



1690L/2	L m	S mm	€	5	016900200
	2	17	13,90		

# Beta

## 1691BM

measuring tapes  
shock-resistant bimaterial ABS casings,  
steel tapes,  
precision class: II

CE



	L m	S mm	€	1	016910205
1691BM/5	5	25	16,70		
1691BM/8	8	32	25,00		016910208
1691BM/10	10	32	30,50		016910210

## 1691MG

measuring tapes with fixed magnets,  
shock-resistant ABS casings,  
steel tapes,  
precision class: II

CE



	L m	S mm	€	1	016910405
1691MG/5	5	25	15,00		
1691MG/8	8	25	21,00		016910408
1691MG/10	10	25	22,20		016910410

## 1692

measuring tapes,  
shock-resistant bi-material ABS casings,  
steel tapes,  
precision class II

CE



	L m	S mm	€	5	016920052
1692/2	2	16	8,10		
1692/3	3	16	10,10		016920053
1692/5	5	19	14,40		016920055
1692/8	8	25	20,80		016920058

## 1693

laser distance meter,  
20 m

MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

Auto off feature

Battery life: up to 4,000 measurements



CE  
IP54

Technical Data:

- Measurement range: 0.05 ÷ 20m (0.2ft ÷ 66ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Battery life: AAA 2 x 1.5V

1693 20	H mm	L mm	S mm	€	1	016930020
	100	36	23	128,00		

## 1693M

laser distance meter, multipurpose,  
80 m

MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

FUNCTIONS:

- addition/subtraction
- area measurement
- volume measurement
- indirect measurement (Pythagorean measurement)
- tilt measurement

Auto off feature

Soft cloth case (included)

Battery life: up to 4,000 measurements



CE  
IP54

Technical data:

- Measurement range: 0.05 ÷ 80 m (0.2 in ÷ 229ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

1693M 80	H mm	L mm	S mm	€	1	016930080
	115	48	29	217,00		

# Beta

## 1694/L

measuring tapes shock-resistant  
ABS casings, PVC-coated fibreglass tapes,  
precision class III



	L m	S mm	€	🔧	📦
1694L10	10	13	13,40	1	016940110
1694L20	20	13	16,70	1	016940120

## 1694A/L

measuring tapes with handles,  
shock-resistant ABS casings,  
PVC-coated fibreglass tapes,  
precision class III



	L m	S mm	€	🔧	📦
1694A/L30	30	13	33,50	1	016940230
1694A/L50	50	13	43,50	1	016940250

## 1694B/L

measuring tape with handle,  
aluminium casing, varnished steel tape,  
precision class II



	L m	S mm	€	🔧	📦
1694B/L50	50	12,5	66,50	1	016940350

# Beta

## 1695XS

pocket spirit level with magnetic V-shaped  
base  
made from profiled aluminium  
2 unbreakable vials  
accuracy: 1mm/m



L mm	H mm	S mm	€	🔧	📦
70	48,5	20	13,70	5	016950250

## 1696

spirit levels made from anodized profile  
aluminium, with 2 unbreakable vials,  
accuracy: 1 mm/m



L mm	H mm	S mm	€	🔧	📦
200	50	19	23,00	2	016960002
400	50	19	26,50	2	016960004
500	50	19	29,00	2	016960005
600	50	19	31,00	2	016960006
800	50	19	38,50	2	016960008
1000	50	19	43,00	2	016960010

## 1696A

spirit levels made from die-cast  
aluminium, with 1 ground base  
and 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm	€	🔧	📦
300	43	23	33,00	2	016960103
400	43	23	35,00	2	016960104
500	43	23	38,00	2	016960105
600	43	23	41,50	2	016960106
800	43	23	66,50	1	016960108
1000	43	23	83,50	1	016960110

## 1696B

spirit levels with magnetic bases  
made from anodized profiled aluminium,  
2 unbreakable vials accuracy: 1 mm/m



L mm	H mm	S mm	€	🔧	📦
200	49	22	35,50	2	016960202
300	49	22	37,00	2	016960203
400	49	22	39,00	2	016960204
500	49	22	47,50	2	016960205
600	49	22	50,00	2	016960206

## 1696D

spirit levels made of die-cast aluminium with  
handles,  
4 ground bases and 3 unbreakable vials,  
accuracy: 1 mm/m



L mm	H mm	S mm	€	🔧	📦
300	47	25	31,00	2	016960353
400	47	25	35,00	2	016960354
500	47	25	38,00	2	016960355
600	47	25	43,00	2	016960356

## 1696S

levelling staffs made from aluminium, with 2  
unbreakable vials



L mm	H mm	S mm	€	🔧	📦
1500	90	25	109,50	1	016960415
2000	90	25	130,50	1	016960420
2500	90	25	162,50	1	016960425
3000	90	25	183,50	1	016960430

# Beta

# Beta

## 1697

cross laser level,  
30 metres, green beam,  
with magnetic base and wall-mount bracket,  
in case

### TECHNICAL SPECIFICATIONS:

- self-levelling cross
- self-levelling function can be switched off for manual use
- laser diode 515 Nm, class 2
- working range: 30 m
- accuracy:  $\pm 1$  mm at 5 m
- self-levelling range:  $3^\circ \pm 0.5^\circ$

- body made of ABS and nonslip rubber
- 1/4" female drive
- 2xAA batteries
- battery life: 4 hours

### BASE:

- 1 magnetic base for individual and combined use, 1/4" male drive
- 1 adjustable tightening bracket for several wood and metal profiles (for use in combination with magnetic base)
- quick horizontal and vertical alignment at a  $90^\circ$  angle

CE

IP55



H mm	L mm	S mm	€	Unit	Code
82	57	89,5	271,00	1	016970030

320x230x90 mm

## 1699L

precision surface level made from  
die-cast iron with ground prismatic  
base, 2 unbreakable vials,  
accuracy: 0.05 mm/m



DIN 877

L mm	A mm	€	Unit	Code
1699L 200	49	328,00	1	016990002

## 1699L/1

precision surface level made  
from die-cast iron with ground prismatic  
base, 2 unbreakable vials,  
accuracy: 0.02 mm/m



DIN 877

L mm	A mm	€	Unit	Code
1699L/1 200	49	349,00	1	016990005

## 16990

precision square levels made from  
die-cast iron with 2 prismatic bases  
and 2 ground flat bases, 2 unbreakable vials,  
accuracy: 0.05 mm/m



DIN 877

L mm	A mm	€	Unit	Code
150	40	465,00	1	016990015
200	48	581,00	1	016990020

## 1700N

masonry points



L mm	S mm	€	Unit	Code
250	16	16,90	5	017000005
300	16	18,30	5	017000006

## 1700N/PM

masonry points  
with hand guards



L mm	S mm	€	Unit	Code
250	16	22,80	2	017000105
300	16	26,50	2	017000106

## 1701N

masonry chisels



L mm	A mm	S mm	€	Unit	Code
250	23	16	18,20	5	017010001
300	23	16	19,60	5	017010003

## 1701N/PM

masonry chisels  
with hand guards



L mm	A mm	S mm	€	Unit	Code
250	23	16	23,60	2	017010101
300	23	16	26,50	2	017010103

## 1701PMR

hand guards for items 1700N and 1701N



D mm	L mm	€	Unit	Code
16	115	10,90	1	017010206

## 1701NE/...

electrician's chisels



	SxL mm	€	Unit	Code
1701NE3	10x200	11,20	5	017010406
1701NE4	10x250	11,90	5	017010409

## 1702N

extra-wide chisels



A mm	SxH mm	€	Unit	Code
50	13x23	23,80	2	017020005
70	13x23	24,40	2	017020007

## 1702N/PM

extra-wide chisels  
with hand guards



A mm	SxH mm	€	Unit	Code
50	13x23	29,00	2	017020105
70	13x23	32,00	2	017020107



We recommend frequent cooling  
of the tool while regrinding it.

## 1702PMR

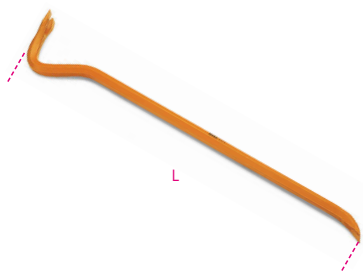
hand guard for item 1702N



L mm	€	Unit	Code
115	8,45	1	017020200

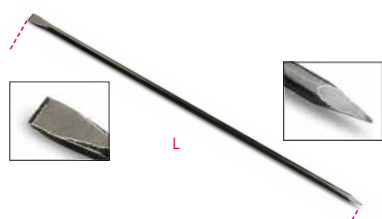


**1704**  
carpenter's wrenching bars



L mm	6 mm	mm	mm	€		
500	16	35	28	30,50	2	017040050
600	16	34	26	34,50	2	017040060
800	18	38	29	48,50	2	017040080

**1704A**  
crow bars with open and pointed edges



L mm	6 mm	mm	€		
1500	25	45	95,00	1	017040110
2000	28	55	121,50	1	017040120

**1704C**  
crow bars with closed and pointed edges



L mm	8 mm	min-MAX mm	mm	€		
1200	21-31	39	104,50	1	017040210	
1400	31-37	42	125,00	1	017040212	
1600	25-37	42	155,00	1	017040215	

**1705**  
chalk line reel made from aluminium



L m	€		
1705	30	20,40	4 017050001

**1705PT**  
chalk powder



g	€		
250	13,10	5	017050025

**1706DGT**  
digital depth gauge for tyre threads



1706DGT	€		
	38,50	1	017060011

**1707**  
screw pitch gauge  
For ISO 60° metric and Whitworth 55° threads



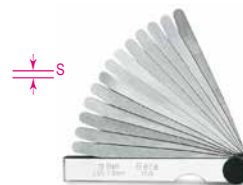
P (ISO)	W	€		
0,25÷6	62÷4x1"	18,30	5	017070001

**1707A/1 - 2 - 3**  
radius gauges,  
concave and convex steel blades



R	L	€		
mm	mm n			
1707A/1	1,0÷7,0 70 34	28,00	2	017070007
1707A/2	7,5÷15 85 32	30,50	2	017070015
1707A/3	15,5÷25 85 30	30,50	2	017070025

**1708/8 - 13 - 20**  
metric feeler gauges



	€		
1708/8	6,95	5	017080008
S = 0,05÷0,50 mm			
1708/13	7,85	5	017080013
S = 0,05÷1,00 mm			
1708/20	12,70	5	017080020
S = 0,05÷1,00 mm			

**1709/10 - 1709/18**  
nut splitters



	L mm	A max mm	€		
1709/10	90	17 (M10)	55,50	1	017090010
1709/18	108	25 (M16)	61,50	1	017090018

**1710**  
hydraulic nut splitters



C min mm	C max mm	€		
7 (M4)	22 (M14)	255,00	1	017100001

**1712E/1 - 2 - 3**  
flexible magnetic pick up tools

F = magnetic power



	L mm	D mm	F kg	€		
1712E/1	420	7,5	0,5	33,00	2	017120011
1712E/2	530	15	1,8	41,50	2	017120012
1712E/3	532	19	3,0	51,50	2	017120013

**1712TF**  
telescopic magnet with flexible head

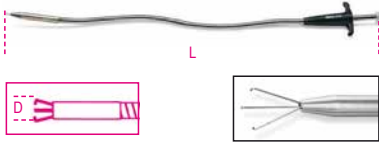
• With washer jet cleaner  
F= magnetic force



L mm	D mm	F kg	€		
150÷590	11	1	21,80	1	017120600

### 1713M

flexible pickup tools



L mm	D mm	€	U	IT
500	7	45,50	2	017130011
1000	7	80,50	1	017130015

### 1714

inspection mirror made from plastic



L mm	D mm	€	U	IT
1714	155	4,00	5	017140001

### 1715

telescopic joint inspection mirror  
chrome-plated metal body



L mm	D mm	€	U	IT
1715	180+540	34,50	1	017150001

### 1715FL/A

square flexible inspection mirror



L mm	A mm	B mm	€	U	IT	
1715FL/A	600	53	90	41,00	1	017150110

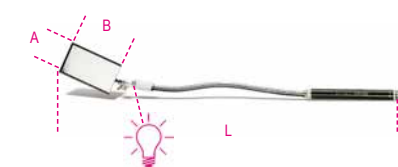
### 1715R/FL

kit of 2 inspection mirrors for items 1715FL/A and 1715FL/B

€	U	IT	
1715R/FL	8,70	1	017150151

### 1715FL/B

rectangular flexible inspection mirror  
with light



L mm	A mm	B mm	€	U	IT	
1715FL/B	553	53	90	49,00	1	017150115

### 1715B/R5L

kit of 5 spare light bulbs for item 1715FL/B

€	U	IT	
1715B/R5L	7,05	1	017150152

### 1716A

angled bit for general use



L mm	L1 mm	€	U	IT		
1716A	240	125	6	11,80	3	017160040

### 1716P

packing scraper



L mm	L1 mm	€	U	IT		
1716P	250	125	6	14,50	3	017160020

### 1716Q

square bit reamer



L mm	L1 mm	€	U	IT		
1716Q	215	100	6	10,10	5	017160010

### 1716R

round bit reamer



L mm	L1 mm	€	U	IT		
1716R	215	100	6	10,10	5	017160001

### 1716U

hook bit for general use



L mm	L1 mm	€	U	IT		
1716U	195	80	6	11,80	3	017160025

### 1717A

scrapers, two cutting edges



L mm	L1 mm	L2 mm	€	U	IT
150	70	260	22,30	2	017170015
200	75	310	23,80	2	017170020
250	100	360	26,50	2	017170025

### 1717B

scrapers, three cutting edges



L mm	L1 mm	L2 mm	€	U	IT
150	75	260	19,30	2	017170115
200	85	310	22,50	2	017170120
250	100	360	25,00	2	017170125

### 1717C

flat scrapers, varnished



L mm	S mm	L1 mm	€	U	IT
150	18	270	19,10	2	017170215
200	20	320	21,40	2	017170220
250	25	370	23,90	2	017170225

### 1717D

flat scraper, front cut



L mm	S mm	L1 mm	€	U	IT	
1717D 150	150	23	240	26,00	2	017170320

### 1717T

triangular blade scrapers,  
complete with 2 blades



L mm	€	U	IT	
1717T	310	12,20	1	017170610

### 1717T RT

spare triangular blades



L mm	€	U	IT	
1717T RT	65	2,52	1	017170660

### 1717T RS

spare shaped blades



€	U	IT	
1717T RS	2,52	1	017170661

## 1717V

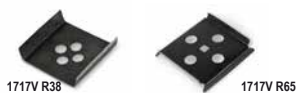
paint scrapers,  
blades can be used on several sides



	L mm	A mm	€	🛒	📄
1717V 38	200	38	8,20	1	017170703
1717V 65	285	65	17,50	1	017170706

## 1717V R

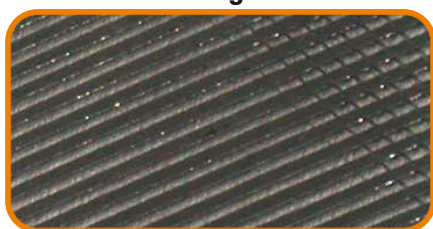
spare blades for item 1717V



	L mm	€	🛒	📄
1717V R38	38	2,52	1	017170753
1717V R65	65	3,60	1	017170756

## CUTS OF ENGINEER'S FILES

### Rough



### Second-cut



### Smooth



## 1718D...Q

rough square files, without handles



	L mm	L "	€	🛒	📄
1718D6/Q	150	6	9,65	5	017180121
1718D8/Q	200	8	11,50	5	017180131
1718D10/Q	250	10	15,60	5	017180141

## 1718A...Q

second-cut square files, without handles



	L mm	L "	€	🛒	📄
1718A6/Q	150	6	9,85	5	017180021
1718A8/Q	200	8	11,90	5	017180031
1718A10/Q	250	10	16,30	5	017180041

## 1718D...T

rough triangular files, without handles



	L mm	L "	€	🛒	📄
1718D6/T	150	6	11,60	5	017180123
1718D8/T	200	8	14,80	5	017180133
1718D10/T	250	10	19,50	5	017180143

## 1718A...T

second-cut triangular files, without handles



	L mm	L "	€	🛒	📄
1718A6/T	150	6	11,90	5	017180023
1718A8/T	200	8	15,10	5	017180033
1718A10/T	250	10	20,40	5	017180043

## 1718D...P

rough flat files, without handles



	L mm	L "	€	🛒	📄
1718D6/P	150	6	9,10	5	017180125
1718D8/P	200	8	10,70	5	017180135
1718D10/P	250	10	14,40	5	017180145

## 1718A...P

second-cut flat files, without handles



	L mm	L "	€	🛒	📄
1718A6/P	150	6	9,65	5	017180025
1718A8/P	200	8	11,10	5	017180035
1718A10/P	250	10	15,60	5	017180045

## 1718D...M

rough half-round files, without handles



	L mm	L "	€	🛒	📄
1718D6/M	150	6	12,80	5	017180127
1718D8/M	200	8	15,70	5	017180137
1718D10/M	250	10	20,40	5	017180147

## 1718A...M

rough half-round files, without handles



	L mm	L "	€	🛒	📄
1718A6/M	150	6	13,00	5	017180027
1718A8/M	200	8	16,10	5	017180037
1718A10/M	250	10	21,50	5	017180047

## 1718D...R

rough round files, without handles



	L mm	L "	€	🛒	📄
1718D6/R	150	6	9,10	5	017180129
1718D8/R	200	8	10,70	5	017180139
1718D10/R	250	10	14,10	5	017180149

## 1718A...R

second-cut round files, without handles



	L mm	L "	€	🛒	📄
1718A6/R	150	6	9,65	5	017180029
1718A8/R	200	8	11,10	5	017180039
1718A10/R	250	10	14,90	5	017180049

## 1718D...S5

set of 5 rough files, without handles



	L mm	L "	€	🛒	📄
1718D6/S5	150	6	52,00	1	017180130
1718D8/S5	200	8	63,50	1	017180140
1718D10/S5	250	10	84,00	1	017180150

**Beta**  
Quality Tools



## 1718A...S5

set of 5 second-cut files, without handles



	L mm	L "	€	5	10
1718A6/S5	150	6	54,00	1	017180030
1718A8/S5	200	8	65,50	1	017180040
1718A10/S5	250	10	88,50	1	017180050

## 1719BMD...Q

rough square files, with handles



	L mm	L "	€	5	10
1719BMD6/Q	150	6	13,20	5	017190191
1719BMD8/Q	200	8	14,60	5	017190221
1719BMD10/Q	250	10	20,00	5	017190241
1719BMD12/Q	300	12	26,00	3	017190325

## 1719BMA...Q

second-cut square files, with handles



	L mm	L "	€	5	10
1719BMA6/Q	150	6	13,30	5	017190021
1719BMA8/Q	200	8	15,90	5	017190052
1719BMA10/Q	250	10	20,80	5	017190071
1719BMA12/Q	300	12	30,50	3	017190311

## 1719BMX...Q

smooth square files, with handles



	L mm	L "	€	5	10
1719BMX6/Q	150	6	14,20	5	017190022
1719BMX8/Q	200	8	18,30	5	017190053
1719BMX10/Q	250	10	24,80	5	017190072

## 1719BMD...T

rough triangular files, with handles



	L mm	L "	€	5	10
1719BMD6/T	150	6	15,70	5	017190193
1719BMD8/T	200	8	18,00	5	017190223
1719BMD10/T	250	10	24,30	5	017190243
1719BMD12/T	300	12	34,50	3	017190326

## 1719BMA...T

second-cut triangular files, with handles



	L mm	L "	€	5	10
1719BMA6/T	150	6	15,70	5	017190023
1719BMA8/T	200	8	19,50	5	017190054
1719BMA10/T	250	10	25,00	5	017190073
1719BMA12/T	300	12	36,00	3	017190313

## 1719BMX...T

smooth triangular files, with handles



	L mm	L "	€	5	10
1719BMX6/T	150	6	18,60	5	017190024
1719BMX8/T	200	8	24,30	5	017190055
1719BMX10/T	250	10	31,00	5	017190074

## 1719BMD...P

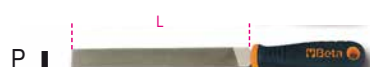
rough flat files, with handles



	L mm	L "	€	5	10
1719BMD6/P	150	6	13,20	5	017190195
1719BMD8/P	200	8	13,90	5	017190225
1719BMD10/P	250	10	19,60	5	017190245
1719BMD12/P	300	12	25,50	3	017190327

## 1719BMA...P

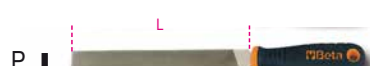
second-cut flat files, with handles



	L mm	L "	€	5	10
1719BMA6/P	150	6	13,90	5	017190025
1719BMA8/P	200	8	15,70	5	017190056
1719BMA10/P	250	10	20,30	5	017190075
1719BMA12/P	300	12	29,00	3	017190315

## 1719BMX...P

smooth flat files, with handles



	L mm	L "	€	5	10
1719BMX6/P	150	6	14,20	5	017190026
1719BMX8/P	200	8	18,60	5	017190057
1719BMX10/P	250	10	24,30	5	017190076

## 1719BMD...M

rough half-round files, with handles



	L mm	L "	€	5	10
1719BMD6/M	150	6	17,30	5	017190197
1719BMD8/M	200	8	18,60	5	017190227
1719BMD10/M	250	10	25,00	5	017190247
1719BMD12/M	300	12	35,00	3	017190328

## 1719BMA...M

second-cut half-round files, with handles



	L mm	L "	€	5	10
1719BMA6/M	150	6	18,00	5	017190027
1719BMA8/M	200	8	21,10	5	017190058
1719BMA10/M	250	10	27,00	5	017190077
1719BMA12/M	300	12	38,50	3	017190317

## 1719BMX...M

smooth half-round files, with handles



	L mm	L "	€	5	10
1719BMX6/M	150	6	19,20	5	017190028
1719BMX8/M	200	8	23,70	5	017190059
1719BMX10/M	250	10	33,00	5	017190078

## 1719BMD...R

rough round files, with handles



	L mm	L "	€	5	10
1719BMD6/R	150	6	13,20	5	017190199
1719BMD8/R	200	8	13,70	5	017190229
1719BMD10/R	250	10	19,10	5	017190249
1719BMD12/R	300	12	25,00	3	017190329

## 1719BMA...R

second-cut round files, with handles



	L mm	L "	€	5	10
1719BMA6/R	150	6	14,00	5	017190029
1719BMA8/R	200	8	15,50	5	017190060
1719BMA10/R	250	10	19,80	5	017190079
1719BMA12/R	300	12	26,50	3	017190319

## 1719BMX...R

smooth round files, with handles



	L mm	L "	€	📦	🖨️
1719BMX6/R	150	6	16,10	5	017190031
1719BMX8/R	200	8	18,00	5	017190061
1719BMX10/R	250	10	24,30	5	017190081

## 1719BMA...B5

set of 5 second-cut files, with handles, in wallet



	L mm	L "	€	📦	🖨️
1719BMA8/B5	200	8	87,50	1	017190297
1719BMA10/B5	250	10	113,00	1	017190298

## 1719BMD...B5

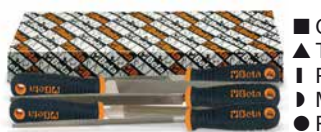
set of 5 rough files, with handles, in wallet



	L mm	L "	€	📦	🖨️
1719BMD8/B5	200	8	79,00	1	017190303
1719BMD10/B5	250	10	108,00	1	017190305

## 1719BMD...S5

set of 5 rough files, with handles



	L mm	L "	€	📦	🖨️
1719BMD6/S5	150	6	72,50	1	017190200
1719BMD8/S5	200	8	79,00	1	017190230
1719BMD10/S5	250	10	108,00	1	017190250
1719BMD12/S5	300	12	146,00	1	017190363

## 1719BMA...S5

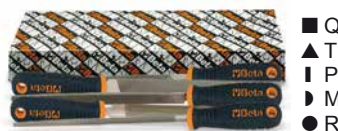
set of 5 second-cut files, with handles



	L mm	L "	€	📦	🖨️
1719BMA6/S5	150	6	75,00	1	017190030
1719BMA8/S5	200	8	87,50	1	017190070
1719BMA10/S5	250	10	113,00	1	017190080
1719BMA12/S5	300	12	160,50	1	017190361

## 1719BMX...S5

set of 5 smooth files, with handles



	L mm	L "	€	📦	🖨️
1719BMX6/S5	150	6	82,50	1	017190032
1719BMX8/S5	200	8	103,00	1	017190069
1719BMX10/S5	250	10	137,50	1	017190082

## 1719BMB/P

universal cut flat files, plastic handles



	L mm	L "	€	📦	🖨️
1719BM/P250	250	10	31,00	5	017190152
1719BM/P300	300	12	36,50	5	017190153

## 1719BMC

half-round and flat files, plastic handles



UNI 5569 - UNI 5568

	L mm	L "	€	📦	🖨️
1719BMC/M 250	250	10	20,80	6	017190252
1719BMC/M 300	300	12	26,00	4	017190253
1719BMC/P 250	250	10	16,40	6	017190262
1719BMC/P 300	300	12	20,30	4	017190263

## 1719BM/RR

round rasp, plastic handle



	L mm	L "	€	📦	🖨️
1719BM/RR	200	8	17,20	5	017190351

## 1719BM/RL

flat rasp file, plastic handle



	L mm	L "	€	📦	🖨️
1719BM/RL	200	8	16,40	5	017190360

## 1719BMR

handles for files

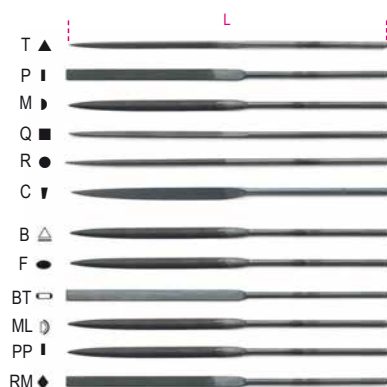


	L mm	A mm	€	📦	🖨️
1719BMR/0	95	25	3,75	10	017190950
1719BMR/0B	110	29	3,75	10	017190955
1719BMR/1	110	29	3,75	10	017190951
1719BMR/1B	110	29	3,75	10	017190953
1719BMR/2	123	31	3,75	10	017190952
1719BMR/2B	123	31	3,75	10	017190954

	mm	"		
1719BMR/0	100/150	4/6	▲▲	●●
1719BMR/0B	100/150	4/6	■	●
1719BMR/1	150/200	6/8	▲▲	●●
1719BMR/1B	150/200	6/8	■	●
1719BMR/2	250/300	10/12	▲▲	●●
1719BMR/2B	250/300	10/12	■	●

## 1720/...

second cut needle files, shaft Ø 3 mm



UNI 5569 UNI 5670

	L mm	€	📦	🖨️
1720T	160	7,55	5	017200004
1720P	160	7,55	5	017200006
1720M	160	7,55	5	017200008
1720Q	160	7,55	5	017200009
1720R	160	7,55	5	017200010
1720C	160	7,55	5	017200012
1720B	160	7,55	5	017200005
1720ML	160	7,55	5	017200007
1720BT	160	7,55	5	017200011
1720F	160	7,55	5	017200013
1720PP	160	7,55	5	017200014
1720RM	160	7,55	5	017200015



	€	📦	🖨️
1720/S3	22,70	1	017200000

## 1720/B

set of 6 needle files in plastic wallet



	€	📦	🖨️
1720/B6	47,50	1	017200002
1720/B12	90,50	1	017200003

## 1720D/...

diamond needle files  
grit D126



	L mm	€	🔧	📦
1720D/T	160	49,00	2	017200104
1720D/P	160	49,00	2	017200106
1720D/M	160	49,00	2	017200108
1720D/Q	160	49,00	2	017200109
1720D/R	160	49,00	2	017200110
1720D/C	160	49,00	2	017200112



1720D/B6	296,00	1	017200120
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## 1721/B6

set of 6 files for ignition contacts  
in plastic wallet



1721/B6	25,00	1	017210010
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## 1723

spring puller



	L mm	€	🔧	📦
1723	210	16,30	5	017230001

## 1725

hacksaw frame



	L mm	L1 mm	€	🔧	📦
1725	420	300	22,60	4	017250001

## 1725CR

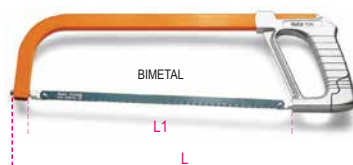
mini hacksaw frame



	L mm	L1 mm	€	🔧	📦
1725CR	250	150	12,30	5	017250010

## 1726

hacksaw frame, blade attachment  
system in the handle



	L mm	L1 mm	€	🔧	📦
1726	440	300	30,00	4	017260001

## 1726BM

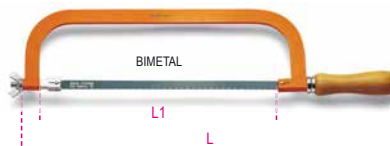
hacksaw frame with quick release blade  
attachment system



	L mm	L1 mm	€	🔧	📦
1726BM	400	300	48,50	1	017260050

## 1727

hacksaw frame, heavy series



	L mm	L1 mm	€	🔧	📦
1727	515	300	20,70	4	017270001

## 1727BM

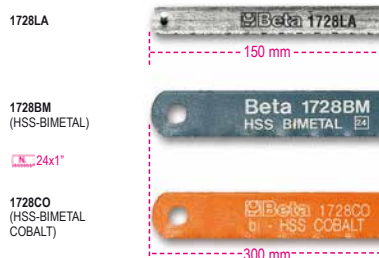
hacksaw frame,  
one hand grip



	L mm	L1 mm	€	🔧	📦
1727BM	315	300	25,00	5	017270020

## 1728...

blades for hacksaw frames



1728LA	1,47	100	017280001
1725CR			
1725MQ			
1728BM	3,70	100	017280010
1725-1726			
1727-1727M			
1728CO	5,10	50	017280030
1725-1726			
1727-1727M			

## 1729CG

plasterboard saw



	L mm	L1 mm	€	🔧	📦
1729CG	310	160	24,70	2	017290200

## 1729DM 450

wood rip saw

medium toothing, 12 teeth/inch



	L mm	L1 mm	€	🔧	📦
1729DM 450	450	400	28,00	4	017290450

## 1730

universal spatulas, with stainless steel blades  
and handles



S mm	L mm	L1 mm	€	🔧	📦
38	210	85	6,25	2	017300038
63	220	95	7,45	2	017300063
75	220	95	8,10	2	017300075
100	220	95	9,30	2	017300100

## 1730M

mixer spatulas,  
with stainless steel blades and handles



L1 mm	L mm	S mm	€	🔧	📦
150	245	27	8,70	2	017300215
200	330	28	16,30	2	017300220
250	365	36	20,10	2	017300225

## 1730V 38

glazier's spatula,  
knife blade made from stainless steel



S mm	L mm	L1 mm	€	🔧	📦
38	225	100	6,25	2	017300338



### 1736A

file brush  
stainless steel wires,  
wire Ø: 0.5 mm



1736A	L mm 240	€ 11,40	10	017360010
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### 1737

brush, corrugated brass wires,  
wire Ø: 0.2 mm



1737	L mm 145	€ 5,50	10	017370001
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### 1737NX

brake shoe cleaning brush, brassed steel  
wires,  
wire Ø: 0.3 mm



1737NX	L mm 270	€ 6,55	5	017370010
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### 1737AC

steel wire brush,  
5 rows,  
wire Ø: 0.3 mm



1737AC	L mm 275	€ 6,25	5	017370020
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### 1737B

pairs of vehicle battery lug  
and post cleaner steel brushes,  
steel wire  
wire Ø: 0.3 mm



1737B	€ 15,50	1	017370050
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### 1738

bristle brush



1738	L mm 210	H mm 30	€ 8,95	10	017380001
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### 1739B

lazy tongs riveter, supplied  
with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
Aluminium	•	•	•	•	•	•
Stainless steel	•	•	•	•	•	•

1739B	€ 131,50	1	017390151
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### 1740A

heavy duty riveting pliers supplied  
with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
stainless steel	•	•	•	•	•	•

1740A	€ 119,50	1	017400101
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### 1740B

compact heavy-duty riveting pliers,  
supplied with 5 interchangeable nozzles



Ø mm	2,4	3	3,2	3,2	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1740B 280	L mm 280	€ 77,50	1	017400280
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Ø mm	2,4	3,2	4,0	4,8	6,4
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1740B 330	L mm 330	€ 89,50	1	017400330
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### 1741B

riveting pliers supplied  
with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741B	€ 41,00	1	017410000
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# Beta

# Beta

## 1741B/C5

riveting pliers item 1741B with assortment of 700 aluminium rivets



1741B/C5 € 128,00 1 017410025

	Ø mm	L mm	n.
1741RV2,9K	3,0	6	200
1741RV3,2K	3,2	8	200
1741RV3,8K	4,0	10	100
1741RV4K	4,0	12	100
1741RV4,8K	4,8	12	100

415x155x60 mm - 3,1 Kg

## 1741BP

riveting pliers supplied with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741BP € 62,50 1 017410350

## 1741U

ultra compact riveting pliers with adjustable force

with 4 interchangeable nozzles

3 legs: enhanced rivet hold

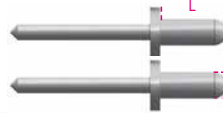


Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741U € 48,50 1 017410450

## 1741RV...K

aluminium rivets



1741RV 2,9K	€ 20,50	1 017410191
ØxL = 3x6 mm		
1741RV 3,2K	€ 21,20	1 017410192
ØxL = 3,2x8 mm		
1741RV 3,8K	€ 26,50	1 017410193
ØxL = 4x10 mm		
1741RV 4K	€ 29,00	1 017410194
ØxL = 4x12 mm		
1741RV 4,8K	€ 36,00	1 017410195
ØxL = 4,8x12 mm		

The prices shown are for 500 pieces

## 1742

riveting pliers for threaded rivets, with 4 interchangeable mandrels ( 1x M3;M4;M5;M6)



1742 € 135,50 1 017420001

M	Ø mm	L mm
3	5	11
4	6	11
5	7	13
6	9	17

## 1742KR

spare mandrels for item 1742



M3	€ 58,00	1 017420043
M4	€ 58,00	1 017420044
M5	€ 58,00	1 017420045
M6	€ 58,00	1 017420046

## 1742R-AL/M...

aluminium threaded rivets for items 1742-1742A-1946KF



1742R-AL M3	€ 5,05	1 017420023
ØxL = 5x10 mm		
M = 3		
1742R-AL M4	€ 5,15	1 017420024
ØxL = 6x12 mm		
M = 4		
1742R-AL M5	€ 5,55	1 017420025
ØxL = 7x13 mm		
M = 5		
1742R-AL M6	€ 6,75	1 017420026
ØxL = 9x15 mm		
M = 6		

The prices shown are for 20 pieces

## 1742R-A/M...

steel threaded rivets for items 1742-1742A-1946KF



1742R-A M3	€ 5,35	1 017420013
ØxL = 5x11 mm		
M = 3		
1742R-A M4	€ 5,45	1 017420014
ØxL = 6x11 mm		
M = 4		
1742R-A M5	€ 5,75	1 017420015
ØxL = 7x13 mm		
M = 5		
1742R-A M6	€ 6,90	1 017420016
ØxL = 9x17 mm		
M = 6		
1742R-A M8	€ 6,55	1 017420018
ØxL = 11x17 mm		
M = 8		
1742R-A M10	€ 7,85	1 017420020
ØxL = 13x24 mm		
M = 10		

The prices shown are for 20 pieces  
• The prices shown are for 10 pieces

## 1742/C4

riveting pliers item 1742 with assortment of 400 threaded steel insets



1742/C4 € 304,00 1 017420005

	M	Ø mm	n.
1742R-A/M3	3	5	100
1742R-A/M4	4	6	100
1742R-A/M5	5	7	100
1742R-A/M6	6	9	100

415x155x60 mm - 2,9 kg

## 1742A

heavy duty riveting pliers for threaded insets, with 4 interchangeable mandrels

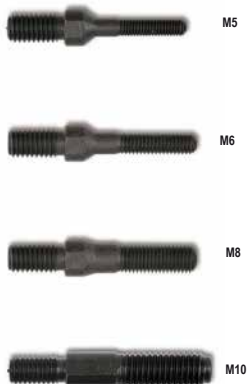


1742A € 499,00 1 017420100

M	Ø mm	L mm
5	7	13
6	9	17
8	11	17
10	13	24

## 1742A/KR

spare pins for item 1742A



		€		
1742A/KR M5	M5	39,50	1	017420143
1742A/KR M6	M6	39,50	1	017420144
1742A/KR M8	M8	39,50	1	017420145
1742A/KR M10	M10	39,50	1	017420146

## 1742A/C

riveting pliers item 1742A with assortment of 60 threaded steel inserts



	€		
1742A/C	567,00	1	017420105

	M	∅ mm	n.
1742R-A/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10

536x310x80 mm - 2,1 kg

## 1749

bonding gun varnished metal sheet



min 340 mm

	L min mm	€		
1749	340	14,40	2	017490001

## 1749A

bonding gun, professional model aluminium tube



	L min mm	€		
1749A	360	45,00	1	017490010

## 1749A/RB

spare spouts for item 1749A

	€		
1749A/RB	1,04	1	017490051

## 1749A/RT

front screw plugs for item 1749A

	€		
1749A/RT	2,28	1	017490052

## 1749AC

high thrust gun for chemical binders



230 mm  
50 mm

	L min mm	€		
1749AC	360	40,00	1	017490005

## 1750

lever operated grease guns

Can be used with cartridges 1750CG or loose grease



1 g, 550 bar Max

1750CG	cc	cc	L mm	€		
400	500	380	44,50	1	017500500	
600	750	450	52,50	1	017500750	

## 1750R/1 - 1750R/2

spare flexible hose made from nylon



	L mm	€		
1750R/1	310	7,05	2	017500030
1750R/2	410	7,85	2	017500040

## 1750RC

curved rigid hose



	L mm	M mm	€		
1750RC	150	10x1	5,80	2	017500050

## 1750RT

4-jaw grease fitting "Hydraulic" type



	M mm	€		
1750RT	10x1	5,20	5	017500110

## 1750RP/1 - 1750RP/2

heads for flat nozzles



	∅ mm	M mm	€		
1750RP/1	16	10x1	12,80	2	017500115
1750RP/2	22	10x1	29,00	2	017500120

## 1750CG

grease cartridges for item 1750



cc	€		
400	15,70	18	017500140
600	19,60	18	017500160



## 1750KG10

lever-operated grease gun, 10 kg,  
with high-pressure hose, 2 m

complete with swivel fitting, to avoid choking hose  
die-cast aluminium pump body with check valve

3 different pressure levels available:

- 4 g at 275 bar
- 7 g at 206 bar
- 9 g at 137 bar



312.5 mm

1750KG10 € 200,50 1 017500100

## 1750TA

high-pressure, self-locking 6-pin grease nozzle

Once positioned, it remains on axis and connected to nipple;  
it does not have to be held like common nozzles

Easy to disconnect, even when with pressurized nozzle

Thread M10x1: suitable for all types of grease guns: electric,  
pneumatic, manual etc.

Deformation-free up to 550 bar



17 mm  
30 mm

1750TA € 47,00 1 017500111

## 1750TLA

high-pressure, self-locking 6-pin grease  
nozzle, long version

Once positioned, it remains on axis and connected to nipple

Easy to disconnect, even with pressurized nozzle

Thread M10x1: suitable for all types of grease guns: electric,  
pneumatic, manual etc.

Deformation-free up to 550 bar



17 mm  
80 mm

1750TLA € 63,00 1 017500112

## 1750M

mini grease gun

- With micro nozzle
- Particularly suitable for pneumatic tools



Ø 0,5 mm

Ø

	cc	D mm	L mm	€	U	IT
1750M	100	43	145	23,40	1	017500025

## 1750M3

mini grease gun, with 3 nozzles

- fitted with three interchangeable nozzles: 0.7 - 1.0 - 1.4 mm
- particularly suitable for lubricating pneumatic tools
- can be used with loose grease



Ø 0,7 mm

Ø 1,0 mm  
Ø 1,4 mm

Ø

	cc	Ø mm	L mm	€	U	IT
1750M3	85	42	160	31,00	1	017500003

## 1751N

metal pressure oil cans,  
flexible spouts



	cc	D mm	L mm	€	U	IT
200	62	140	16,80	4	017510020	
300	75	140	18,20	4	017510030	
500	85	140	19,10	4	017510050	
750	100	140	20,80	2	017510075	
1000	100	140	22,60	2	017510100	

## 1751NR

spare spout  
for item 1751N



	cc	€	U	IT
200÷1000		5,10	5	017510110

## 1752

plastic pressure cans, rigid spouts



	cc	D mm	L mm	€	U	IT
200	67	140	10,90	4	017520002	
300	77	140	11,80	4	017520003	
500	95	140	12,40	4	017520005	
700	95	140	13,10	2	017520007	

## 1752R

spare spout for item 1752



	cc	€	U	IT
200÷700		4,45	5	017520020

## 1753

plastic pressure oil cans, flexible spouts



	cc	D mm	L mm	€	U	IT
200	65	190	11,10	4	017530002	
300	80	190	11,40	4	017530003	
500	95	190	11,80	4	017530005	
700	95	190	12,90	2	017530007	

## 1753R

spare spout for item 1753



	cc	€	U	IT
200÷700		4,55	5	017530020

## 1754

plastic pressure oil cans flexible plastic spouts



cc	D mm	L mm	€	🛒	📄
150	60	130	9,95	5	017540015
250	65	130	11,20	5	017540025

## 1755

plastic oil bottles retractable spouts



cc	L mm	A mm	€	🛒	📄
30	160	30	7,30	5	017550003
80	170	47	8,10	5	017550008
150	230	58	9,10	5	017550015

## 1756

pen oiler

suitable for use with mineral oils



cc	L mm	€	🛒	📄
5	140	23,70	2	017560001

## 1756B

pen oiler

- with non-slip knurl
- operating temperature: -10 °C - +60 °C
- minimum density of SAE 10 oil



cc	L mm	€	🛒	📄
500	280	23,00	2	017560220

## 1756C

suction gun, 200 ml, made from polypropylene

- also suitable for braking system fluid
- double EPDM gasket
- operating temperature: +0 °C ÷ +50 °C
- usable minimum oil density; ISO 150, SAE 90 (gearbox oil), SAE 40 (engine oil)

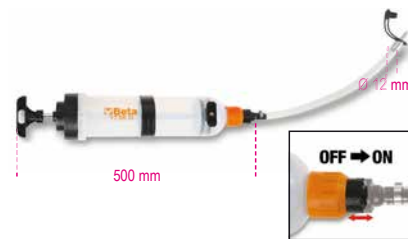


1756C	€	🛒	📄
	36,00	1	017560502

## 1756D

suction gun, 1500 ml, made of polypropylene

- Double NBR gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel



1756D	€	🛒	📄
	82,00	1	017560515

## 1756G

diesel oil gun capacity: 1.5 l

- Can be used to:
- fill diesel oil filters
  - fill Cerina tank



- Kit contents:
- 2 pipes with female quick couplings for connecting diesel oil pipes
  - 2 male quick couplings, made of metal
  - 1 cone-shaped adapter for rubber pipes

1756G	€	🛒	📄
	126,00	1	017560615

## 1756C-20R

O-rings (pair) for suction guns 1756C

1756C-20R	€	🛒	📄
	4,65	1	017560503

## 1756D-20R

O-rings (pair) for suction guns 1756D

1756D-20R	€	🛒	📄
	7,75	1	017560516

## 1757

battery fillers



cc	D mm	€	🛒	📄
250	60	3,70	4	017570002
500	75	4,45	4	017570004
1000	90	6,15	2	017570006

## 1757A

battery filler



cc	€	🛒	📄
2000	45,50	1	017570020

## 1758

self-adapting funnel

particularly useful for cars with no depth in inlet plugs



1758	€	🛒	📄
	56,50	1	017580020

## 1758ADB-D

non-return funnel for AdBlue®, with straight coupling



1758 ADB-D	l Max	€	🛒	📄
	1	36,50	1	017580050

## 1758ADB-45°

non-return funnel for AdBlue®,  
with 45° coupling



1758 ADB-45°	1	Max	€	39,00	1	017580060
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## 1758A

non-return funnel  
with quick coupling, Ø 38 mm  
For Volkswagen group cars



1758A	1	€	87,00	1	017580010
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## 1758B

non-return funnel  
with quick couplings  
Particularly suitable  
for VAG cars



1758B	1	€	38,00	1	017580030
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## 1758B-1,6

non-return funnel, 1600 ml,  
with quick couplings  
quick couplings  
for VAG group vehicles



1758B-1,6	H1	H2	Ø	mm	mm	mm	€	42,50	1	017580033
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## 1758B-RNT

non-return quick coupling  
for funnel item 1758B - 1758B-1,6

for Renault 1.5 dCi engine



1758B-RNT	1	€	27,00	1	017580035
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## 1758B/K5

kit of non-return quick coupling adapters,  
for funnel 1758B - 1758B-1,6

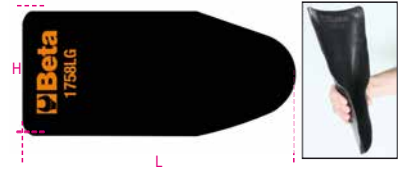
- Kit contents:
- 1 adapter for 1.5 dCi Renault, Dacia, Nissan engines
  - 1 adapter for 1.5/1.6 dCi Renault, Dacia, Nissan engines
  - 1 adapter for 3.0 BMW diesel engines
  - 1 adapter for 1.5/2.0 petrol engines, VAG group
  - 1 connecting adapter for funnel, with tap



1758B/K5	1	€	108,00	1	017580040
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## 1758LG

formable, rubber-covered aluminium foil,  
for canalizing liquids



1758LG	L	H	mm	mm	€	48,50	1	017580006
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## 1758M

funnel



1758M	L	mm	€	14,20	1	017580000
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## 1758R

liquid containers

Convenient, removable, flexible spout



1758R	lit	€	8,90	1	017580201
1758R 1	1				
1758R 2	2	10,70	1	017580202	
1758R 3	3	19,00	1	017580203	
1758R 5	5	23,10	1	017580205	

## 1758VT

cylinder head testing kit

Quickly indicates whether expansion tank contains any  
carbon dioxide.



1758VT	1	€	183,50	1	017580100
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290x190x50 mm - 1 kg



## 1758VT/L

contrast liquid for testing cylinder heads



1758VT/L € 52,50 1 017580101

## 1759

optical analyzer for coolant, battery, windscreen and AdBlue® fluids  
Supplied in a hard case

Automatic temperature compensation  
Battery acid: measurement range:  
1.1÷1.3 kg/l  
Propylene coolant: -25 °C ÷ -50 °C  
Ethylene coolant: -25 °C ÷ -50 °C  
Windscreen fluid: -25 °C ÷ -40 °C  
AdBlue: Urea percent measurement: 30% ÷ 45%



1759 € 170,00 1 017590251

## 1759A

antifreeze densimeter, glass body



1759A L mm 340 € 71,50 1 017590001

## 1759B

acid densimeter, glass body



1759B L mm 280 € 47,00 1 017590005

## 1759HD/3

cooling system seal testing and circuit filling tools

• Make it possible to check circuit (pipes, joints, pumps, radiators) for leaks under pressure and quickly fill circuit, avoiding air bubble formation



1759HD/3 € 599,00 1 017590063  
≡ 600x500x140 mm - 6,5 kg

## 1759HD/RR

cooling system filling tool



1759HD/RR € 183,50 1 017590064  
≡ 450x310x110 mm - 2,2 kg

## 1759LR

cooling system washing tool

based on the use of compressed air, high water pressure allows for effective cleaning system washing

- supplied with 6 system connection adapters
- operating lever with position locking for continuous use
- supplied with a water quick coupling



1759LR L mm 402 € 460,00 1 017590070  
≡ 390X330X100

## 1759HD/TRUCK

truck cooling system testing and sealing tool



1759HD/TRUCK € 417,00 1 017590065  
≡ 440x330x100 mm - 3 kg

## 1759TT

kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



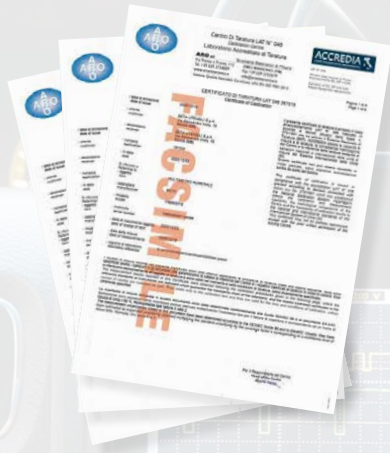
1759TT € 221,00 1 017590300  
≡ 400x160x100 mm - 1,8 kg

## CERTIFICATION SERVICE FOR ELECTRONIC INSTRUMENTS

Certification of such electronic measuring instruments as Multimeters, Amperometric Clamps, **Tachometers** and **Thermometers** is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

For infrared thermometers, a 4-point calibration report (minimum, maximum and two intermediate points) with ENAC traceability is issued.

**On request, Beta Utensili S.p.A. provides the certification service. To receive this service, please contact your dealer.**



### 1760DGT digital automotive multimeter



- Technical Data:**
- **RPM (tachometer):**  
For 2 and 4 cylinder engines  
RPM4 600 - 4000 RPM  
RPM4 600 - 12000 RPM (x10 RPM)  
RPM2/DIS 300 - 4000 RPM  
RPM2/DIS 300 - 6000 RPM (x10 RPM)
  - **Dwell angle:** 4-8 CYL
  - **DC voltage:** 400mV-4/40/400/1000V
  - **AC voltage:** 4/40/400/700V
  - **DC current:** 40/400mA-4/20A
  - **AC current:** 40/400mA-4/20A
  - **Resistance:** 400Ω-4/40/400kΩ-4/40MΩ
  - **Capacity:** 40/400nF-4/40/100μF
  - **Frequency:** 5/50/500Hz-50/500-10MHz
  - **Duty cycle:** 0.1% - 99.9%
  - **Pulse amplitude:** 1 - 10ms
  - **Diode test:** Test current 0.3mA
  - **Continuity:** <150Ω - Test current <0.3mA
  - **Display:** High-contrast, backlight 4-digit LCD
  - **Overvoltage:** Category II 1000V
  - **Auto power off:** 30 minutes
  - **Power supply:** 1 9V battery (included)
  - **Inductive clamp (included)**
  - **2 tips (included)**
  - **Soft cloth case (included)**
  - **Operating manual**

1760DGT € 281,00 1 017600005



### 1760DGT/2 digital automotive multimeter, portable, with 2-channel oscilloscope and waveform generator



- Kit Contents:**
- Multimeter tips
  - 2 BNC crocodile clips for oscilloscope
  - Tip probe for oscilloscope (1X and 10X)
  - Battery charger
  - Nylon sheath

- Technical data:**
- Display: 2.8" colour TFT
  - Resolution: 320 x 240 pixels
  - Power supply: 100V-240V AC, 50Hz-60Hz; DC INPUT 5V DC-2A
  - Battery: 2 x 2600 mAh
  - Dimensions: 199 x 98 x 40 mm
  - Weight: 624g

- Multimeter Specifications:**
- Test: Voltage, Current, Resistance, Capacity, Diodes and On-Off
  - Max. voltage: 600V AC-DC
  - Max. current: 10A AC-DC
  - Max. resistance: 40MOHM
  - Max. capacity: 100μF

- Oscilloscope Specifications:**
- Horizontal
- Bandwidth: 40MHz
  - Sampling frequency range: 250MSa/s (single channel) - 125MSa/s (double channel)
  - SEC/DIV range: 5ns/div ÷ 500s/div 1,2,5 sequence

- Vertical
- VOLTS/DIV range: 10mV/div÷10V/div÷1 BNC input
  - Selectable analogue, bandwidth limit, typical: 20MHz
  - Low frequency response (-3db): ≤10Hz a BNC
  - DC Gain Accuracy: ± 3% for Normal or Medium acquisition mode, 10V/div ÷ 10 mV/div

- Trigger
- Type: Edge
  - Mode: Auto, Normal, Single
  - Slope: Rising, Falling, Rising, & Falling
  - Source: CH1, CH2

- Input
- Coupling: DC, AC or GND
  - Supported probe attenuation factors: 1X, 10X, 100X, 1000X

- Arbitrary waveform generator**
- Waveform frequency: Sine (1Hz÷25MHz), Square (1Hz÷10MHz), Ramp (1Hz÷1MHz), EXP (1Hz÷5MHz)
  - Width: 2.5Vpp (50Ω) - 5Vpp (high impedance)
  - Output impedance: 50Ω

1760DGT/2 € 783,00 1 017600008

## 1760B

digital multimeter



CE

### SPECIFICATIONS

DC voltage: 200 mV-2/20/200/1000V  
 AC voltage: 2-20/200/700V  
 DC current: 2/20/200 mA-20 A  
 AC current: 2/200 mA- 20 A  
 Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ  
 Capacity: 2/20/200 nF - 2/200 μF  
 Temperature: -20° + 1000°C/ -4 °F ~ +2000°F  
 Frequency: 20kHz  
 Power supply: 1 9V battery (included)

1760B € 181,50 1 017600012

## 1760/OHM

multimeter/megohmmeter for high voltage insulation testing.  
 TRUE RMS indicator



CE

CAT. IV  
 600V  
 CAT. III  
 1000V

Measuring range	Base accuracy	
AC/DC voltage:	50mV - 1000V	±0.06% - ±0.1% rdg
AC/DC current:	0.01μA - 10A	±0.5% - ±1% rdg
Resistance:	0.01Ω - 50MΩ	±0.2% - ±2% rdg
Meg OHM:	0.01 - 5000MΩ	±4% rdg. max
Capacity:	5nF - 10mF	±1.5% - ±3% rdg
Frequency:	50Hz - 100 MHz	±0.02% - ±0.1% rdg
Temperature:	-50 °C - +1350 °C	±0.5% rdg
Diode test:	3V dc	
Continuity test:	<30 Ω	

1760/OHM € 859,00 1 017600025

## 1760/RMS

industrial digital multimeter  
 accurate and sturdy, in a 6-mm co-moulded shell, with antislip, shockproof outer rubber part

EN61010-1  
 EN61326-1



CE

### Technical Features:

Measuring range Base accuracy  
 AC/DC voltage 110mV - 600V ±0.8% - ±2% rdg  
 AC/DC current 110μA - 10A ±1.5% - ±2% rdg  
 Resistance 110Ω - 40MΩ ±1.2% - ±2.5% rdg  
 Capacity 11nF - 40mF ±5% - ±10% rdg (up to 11mF)  
 Frequency 1100Hz - 110 MHz ±1.2% - ±1.5% rdg  
 Temperature -32°C - +1000°C ±3% - ±5% rdg  
 Diode test, 3V DC ±10% rdg  
 Continuity test <30 Ω -

1760/RMS € 310,00 1 017600020

## 1760S

compact digital multimeter

TRUE RMS (effective value) reading



CE

Measurable parameters:  
 DC voltage: 200 mV-2/20/200/600V  
 AC voltage: 100/600V  
 DC current: 200 mA-10 A  
 AC current: 0,01-10 A  
 Resistance: 200Ω - 2/20/200 kΩ - 2 MΩ  
 Diode test: 0.4 ÷ 0.7  
 Power supply: 2 1.5V batteries, type AAA

1760S € 89,00 1 017600022

153x75x42 mm

## 1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current leakage or absorption values on vehicles



CE

- Range: 1mA-80A AC/DC
- Torch function with white LED
- Backlit LCD display
- Zero setting function
- Hold function
- Auto power off
- Power supply: 2 1.5V AAA-type batteries

1760PA/80 € 233,50 1 017600002

## 1760PA/AC

amperometric clamp and digital multi-meter

A: AC  
 V: AC/DC



CE

### SPECIFICATIONS

DC voltage 400 mV - 4/40/400/600 V  
 AC voltage 400 mV - 4/40/400/600 V  
 AC current 40/400/1000 A  
 Resistance 400Ω - 4/40/400 kΩ - 4/40 MΩ  
 Frequency 5/50/500 Hz - 5/50/500 kHz - 5/10 MHz  
 Capacity 40/400 nF - 4/40/100 μF  
 Temperature - 20 °C ÷ 1000 °C / -4 °F ÷ 1832 °F  
 Power supply: 1 9V battery (included)

1760PA/AC € 190,00 1 017600050



## 1760PA/AC-DC

amperometric clamp and digital multimeter

A: AC/DC  
V: AC/DC

CE



A: AC/DC  
V: AC/DC

### Specifications:

- DC voltage: 0.1mV ÷ 600V
- AC voltage: 0.1mV ÷ 600V
- AC current: 0.01A ÷ 1000A
- DC current: 0.01A ÷ 1000A
- Resistance: 0.1Ω ÷ 40MΩ
- Capacity: 0.001nF ÷ 40 μF
- Frequency: 0.001kHz ÷ 4kHz
- Temperature: -40°C ÷ 1000 °C  
-40°F ÷ 1832°F

1760PA/AC-DC

€ 347,00



1 017600000

## 1760PA/AC-DC2000

amperometric clamp with digital multimeter and data connection

TRUE RMS function in AC range

A: AC/DC  
V: AC/DC

CE



### Measurable parameters:

- DC voltage: 0.1mV ÷ 1000V
- AC voltage: 0.1mV ÷ 1000V
- AC current: 0.01A ÷ 2000A
- DC current: 0.01A ÷ 2000A
- Resistance: 0.1Ω ÷ 60MΩ
- Capacity: 1nF ÷ 6000 μF
- Frequency: 10kHz ÷ 20kHz
- Temperature: -20 °C ÷ 1000 °C -4 °F ÷ 1832 °F
- Power supply: 3 1.5V batteries, type AA (included)
- Data connection (version 4.0)

H mm 300 L mm 110 P mm 43 € 684,00 1 017600003

380x280x100 mm - 1,78 kg

## 1760DGT-R3

spare leads for digital multimeters and amperometric clamps



1760DGT-R3

€ 24,30



1 017600603

## 1760/RSE

signal detector

Allows power supply of parts to be tested, including common rail electro-injectors, petrol/LPG electro-injectors, piezoelectric injectors, flow regulating solenoid valves, EGR solenoid valves and coils



Performing **diagnosis of individual parts of electric system** only requires probe to be brought near part being tested.

In systems with electromechanical/electronic parts controlled by a control unit, this tool makes it possible to check whether:

- Control unit is being supplied with power and is performing its control function
- Cables connecting control unit to part is efficient
- Part being tested has not being disconnected
- Part has not short-circuited
- Part is operating electronically

1760/RSE

€ 486,00



1 017600170

# Beta

## 1760/TC2

combination contact/non-contact digital tachometer



### TECHNICAL DATA

- For measuring:
  - non-contact rotational speed (rpm)
  - contact rotational (rpm)
  - and linear surface speed (m/min or ft/min).
- 5-digit LCD display.
- Scale:
  - non-contact speed 2.5÷99,999 rpm
  - contact speed 0.5÷19,999 rpm
  - linear surface speed 0.05÷1,999.9 m/min.
- Frequency: 0.8 sec.
- Power supply: 4 1.5V batteries, AA size, or 6V power supply unit (not included).
- Supplied with the following:
  - adaptor for contact tip measurement;
  - male (contact) rubber tip (2 pcs.);
  - female (contact) rubber tip (1 pcs.);
  - linear measurement tape (1 pcs.);
  - reflecting tapes;
  - instruction manual;
  - plastic case.

1760/TC2 L mm 230 H mm 74 € 242,50 1 017600161

## 1760R/TC2

set of reflecting tapes for item 1760/TC2



1760R/TC2

€ 21,50



1 017600561

## 1760K

non-contact AC voltage detector with LED mini-torch

Testing range: 200-1000Vac 50/60Hz  
CAT III-1000V  
Requires 2 AAA batteries (included)



1760K

€ 38,50



1 017600140

## 1760PT

combination voltage and continuity tester,  
12-690V AC/DC

- Functions:
- continuity
  - phase rotation
  - mains testing
  - LED torch



IP64  
CATIV  
- 600V ;  
CATIII -  
1000V

1760PT € 155,50 1 017600150

## 1760/IR500

digital infrared thermometer with dual laser  
aiming system

not suitable for measuring body temperature



### Technical Data:

- Temperature range: -50 + 500 °C (-22 + +932 °F)
- Display resolution: 0.1 °C (0,1 °F)
- Emissivity: 0.1 + 1 adjustable
- Accuracy: -50 °C + +20 °C (+/- 3 °C); 20 + 500 °C (+/-2% or 2 °C)
- Optical resolution (D:S): 12:1
- Auto power off: ca. 10 seconds
- Operating temperature: 0 °C + 50 °C
- Storage temperature: -20 °C + 60 °C
- Power supply: 1 9V battery

1760/IR500 € 167,00 1 017600350

## 1760/IR1000

digital infrared thermometer with dual laser  
aiming system

not suitable for measuring body temperature



### TECHNICAL DATA

Temperature range: -50 °C + +1000 °C (-58 °F + +1832 °F)  
 Display resolution: 0.1 °C (0.1 °F)  
 Emissivity: 0.1 + 1 adjustable  
 Accuracy: -50 °C + 20 °C (+/- 3.5 °C); 20 °C + 300 °C (+/-1% or 1 °C); 300 °C + 1000 °C (+/-1.5%)  
 Optical resolution (D:S): 20:1  
 Operating temperature: 0 °C + 50 °C  
 Storage temperature: -10 °C + 60 °C  
 Power supply: 2 1.5V (AAA type batteries)

1760/IR1000 € 276,00 1 017600400

## 1760/IR1600

digital infrared thermometer  
with laser aiming system

not suitable for measuring body temperature



### TECHNICAL DATA

Range: da -50 °C to +1600 °C / -58 °F to +2912 °F  
 Scale selection: °C/°F  
 Accuracy: ±1.5% or ±2 °C to 20 °C  
 Laser power: <1mW  
 Response: 1sec  
 Emissivity: 0.10-1.0 adjustable  
 Distance ratio: (D:S) 50:1  
 Operating temperature: 0 °C + 50 °C / 32 °F + 122 °F  
 Operating humidity: 10% to 90% RH  
 Backlit LCD display  
 Data storage function  
 Auto power off  
 Power supply: 1 9V battery (included)  
 Hard case with aluminium tripod  
 Operating manual

1760/IR1600 mm 200 mm 115 € 771,00 1 017600461

## 1760LX

portable digital lux meter

EN61010-1  
EN61326-1



### Technical details:

Measurement range Basic accuracy  
 Lux measuring range: 0-200000 ±3%  
 FC measuring range: 0-20000 ±3%  
 Power supply: 1 x 9V

1760LX L mm € 105,00 1 017600820

## 1760TMC

infrared thermal camera

compact thermal camera for contactless  
temperature measurement, suitable for  
applications in building, mechanical, electric  
installation and heating industries

LCD TFT display, 2", 240x320  
 sensor, 32x32 pixels  
 acquisition frequency 7Hz  
 thermal sensitivity <347mK  
 automatic acquisition of hot and cold spots  
 camera for acquisition of images in BMP format (max. 100 images)  
 adjustable emissivity  
 power supply: 3 alkaline AAA batteries  
 USB interface  
 IP54  
 temperature range: -20 °C + +600 °C  
 infrared band: 6.5+14µm  
 visible/infrared image fusion: 0.5; 1; 2m  
 alarm function, selecting acceptable maximum and minimum  
 temperatures



1760TMC 600 € 878,00 1 017600710



## 1760WM

digital anemometer with fan sensor

EN61010-1  
EN61326-1



Technical details:

Measuring range Basic accuracy  
m/s air velocity range: 0.4-30 ±2%  
k/n air velocity range: 1.4-108 ±2%  
ft/m air velocity range: 80-5900 ±2%  
mil/h air velocity range: 0.8-58 ±2%  
CFM airflow range: 0-99990 ±0-9.999 ft2  
CMM airflow range: 0-99990 ±0-9.999 m2  
CMS airflow range: 0-99990 ±0-9.999 m2

	L mm	€		
1760WM	170	85,00	1	017600800

## 1761

wire twisting pliers  
with automatic return



	L mm	€		
1761	255	68,00	1	017610101

## 1761RS/1

reversible wire twisting pliers  
with automatic return



	L mm	€		
1761RS/1	220	121,50	1	017610130

## 1762

revolving punch pliers



	∅ mm	L mm	€		
1762	2-2,5-3 3,5-4-4,5	210	32,00	2	017620001

## 1763

car upholstery clip pliers



	€		
1763	37,50	1	017630001

## 1763G/S500

500 car upholstery clips



	€		
1763G/S500	70,50	1	017630105

## 1764/K5

manual riveter for plastic rivets

supplied with rivets in 4 sizes

kit contents:

- 10 rivets Ø 5x17.2 mm
- 10 rivets Ø 5x15.8 mm
- 10 rivets Ø 6.3x25.2 mm
- 10 rivets Ø 6.6x17.2 mm



	€		
1764/K5	54,50	1	017640001

## 1765/C24

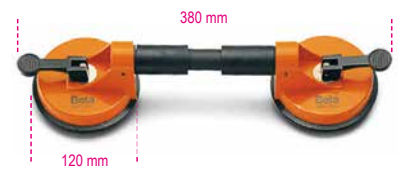
cases with 24 tools  
for pulling out car radios



	€		
1765/C24	207,00	1	017650001

## 1766

double suction lifter



	max kg	€		
1766	50	127,00	2	017660001

## 1766A

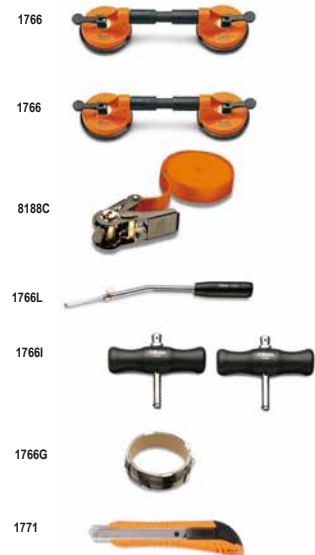
single suction cup



	max kg	€		
1766A	30	32,50	2	017660005

## 1766/8

assortment of 8 tools  
for car glass windows



	€		
1766/8	473,00	1	017660100



## 1766ER

window trim removal tool  
with handle

Allows window trims to be easily removed,  
with no risk of damage



1766ER € 23,10 1 017660501

## 1766ER/VW

low-profile window trim removal tool

particularly suitable for VAG group window trims  
with reduced grip space



L mm 215 H mm 4 € 16,40 1 017660510

## 1766L

lever for glass windows



1766L € 53,00 1 017660015

## 1766LI

lever for inserting car glass window cutting  
cable

sharp edges for cutting bonds



1766LI € 18,90 1 017660016

## 1766I

handle for steel cable item 1766G



1766I € 51,50 2 017660020

## 1766G

steel cable for car windows

Square section



50 m € 46,00 1 017660025

## 1766T

steel cable for glass windows

triangular section

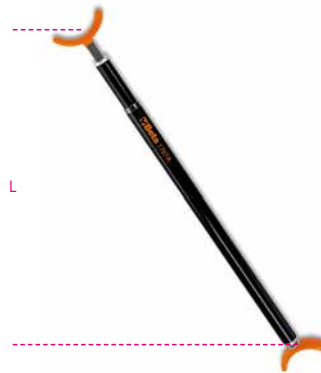


50 m € 53,00 1 017660026

## 1767A

telescopic rod

- designed to support bonnets and tailgates with decompressed pistons.
- can be used to keep pedals from moving.



L mm 640 ÷ 1090 € 72,00 1 017670000

## 1767B

pedal and steering wheel locking kit

the trigger adjustment mechanism  
ensures accurate settings  
when keeping the vehicle accelerated



1767B € 154,00 1 017670100

490x285x95 mm - 2,4 kg

## 1767PMC

magnetic tool holder, round



1767PMC € 22,60 1 017670020

## 1767PMR

magnetic tool holder, rectangular



1767PMR € 46,00 1 017670010

## 1768

aluminium footboard

surface coated with non-slip material  
maximum carrying capacity: 200 kg



L mm 960 L1 mm 300 H mm 475 € 198,50 1 017680010

## 1770

extra flat utility knife,  
9 mm snap-off blade



1770 L mm 140 A mm 9 € 17,50 10 017700001

### 1770A

utility knife 9 mm with automatic blade locking mechanism, 3 blades



1770A	L mm	A mm	€	5	10	017700025
	135	9	6,55			

### 1770RL

9 mm snap-off blades 10 pieces for utility knives 1770, 1770BM and 1770A



1770RL	€	5	017700010
	5,80		

### 1770BM

utility knife, 9 mm, 6 blades



1770BM	L mm	A mm	€	5	10	017700050
	140	9	13,40			

### 1771

utility knife, 18 mm, supplied with 3 blades



1771	€	5	017710000
	9,95		

### 1771BM

utility knife, 18 mm, 6 spare blades



1771BM	L mm	A mm	€	5	10	017710050
	170	18	21,70			

### 1771HD

utility knife, 18 mm, supplied with 6 blades

- automatic blade change
- screw blade locking system



1771HD	L mm	A mm	€	5	017710100
	190	18	24,40		

### 1771RL

18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD



1771RL	€	5	017710010
	8,35		

### 1772M

safety utility knife with retractable blade, supplied with 3 blades

- blade retracts through an automatic spring mechanism
- die-cast alloy body
- staple remover built into handle



1772M	L mm	A mm	€	5	017720040
	170	18	19,80		

### 1772R

utility knife with retractable trapezoidal blade, supplied with 5 blades



1772R	L mm	A mm	€	5	017720006
	125	18	18,30		

### 1772H

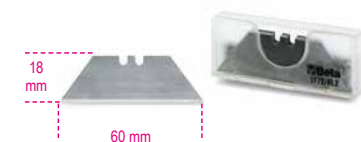
safety utility knife with retractable blade, supplied with 2 blades



1772H	L mm	A mm	€	5	017720029
	170	18	19,30		

### 1772RL/2

10 long trapezoidal spare blades, in box, for utility knives, 1772H, 1772M, 1772R, 1774, 1777BMT, 1777T



1772RL/2	€	5	017720017
	4,65		

### 1773A

utility knife, 25 mm



1773A	L mm	A mm	€	5	10	017730000
	180	25	19,30			

### 1773RL

25 mm blades (10 pieces) for utility knife 1773A



1773RL	€	5	017730015
	18,90		

### 1774

multi-function scraper with blade guard



1774	L mm	L1 mm	€	5	017740001
	155	60	4,45		

### 1774A

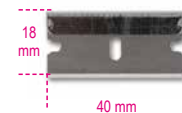
multifunction scraper, bi-material handle



1774A	L mm	A mm	€	1	017740011
	300	40	13,80		

### 1774A/RL

10 blades for scrapers 1774A and 1774S



1774A/RL	€	1	017740511
	6,55		

### 1774S

sticker removal scrapers



1774S	A mm	L mm	€	2	017740021
	40	100	7,45		

### 1777BM

foldaway knife with wire stripping notch, stainless steel blade



	L	L1	A	€	🔧	📦
	mm	mm	mm			
1777BM	190	80	16	12,60	5	017770100

### 1777T

foldaway knife with trapezoidal blade, aluminium handle, 5 spare blades



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1777T	160	19	65	27,50	5	017770030

### 1777BMT

foldaway knife with trapezoidal blade  
4 adjustable blade depths  
4; 9.5; 15.5; 21.5 mm  
supplied with 3 blades



	L	L1	A	€	🔧	📦
	mm	mm	mm			
1777BMT	170	80	19	29,50	5	017770050

### 1778AN

foldaway knife,  
stainless steel blade,  
lightweight anodized aluminium handle  
• in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778AN	204	26	84	34,00	5	017780065

### 1778AX

foldaway knife,  
stainless steel serrated blade,  
aluminium handle,  
serration pattern for easier opening  
• in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778AX	189	26	80	37,00	5	017780026

### 1778CM

camouflage foldaway knife,  
hardened steel blade,  
in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778CM	195	24	80	35,00	5	017780099

### 1778M7

foldaway knife,  
stainless steel mini blade,  
handle with fibreglass inserts  
• in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778M7	163	24	68	30,00	5	017780015

### 1778P

foldaway knife,  
stainless steel and aluminium blade and  
handle,  
with push button opening mechanism  
• in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778P	193	29	72	40,00	5	017780088

### 1778SCL

foldaway knife with soft carbon look finish,  
hardened steel blade,  
in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778SCL	180	22	78	33,00	5	017780089

### 1778SOS

car service knife  
with window breaking hammer  
and seat belt cutter features  
in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778SOS	205	25	85	35,00	5	017780080

### 1778V18

foldaway knife,  
aluminium handle  
• in case



	L	A	L1	€	🔧	📦
	mm	mm	mm			
1778V18	195	25	85	33,00	5	017780018

### 1778X

knives for nautical maintenance, stainless  
steel blades, aluminium handles  
in case



	L	L1	A	€	🔧	📦
	mm	mm	mm			
1778X	185	85	25	32,00	2	017780050

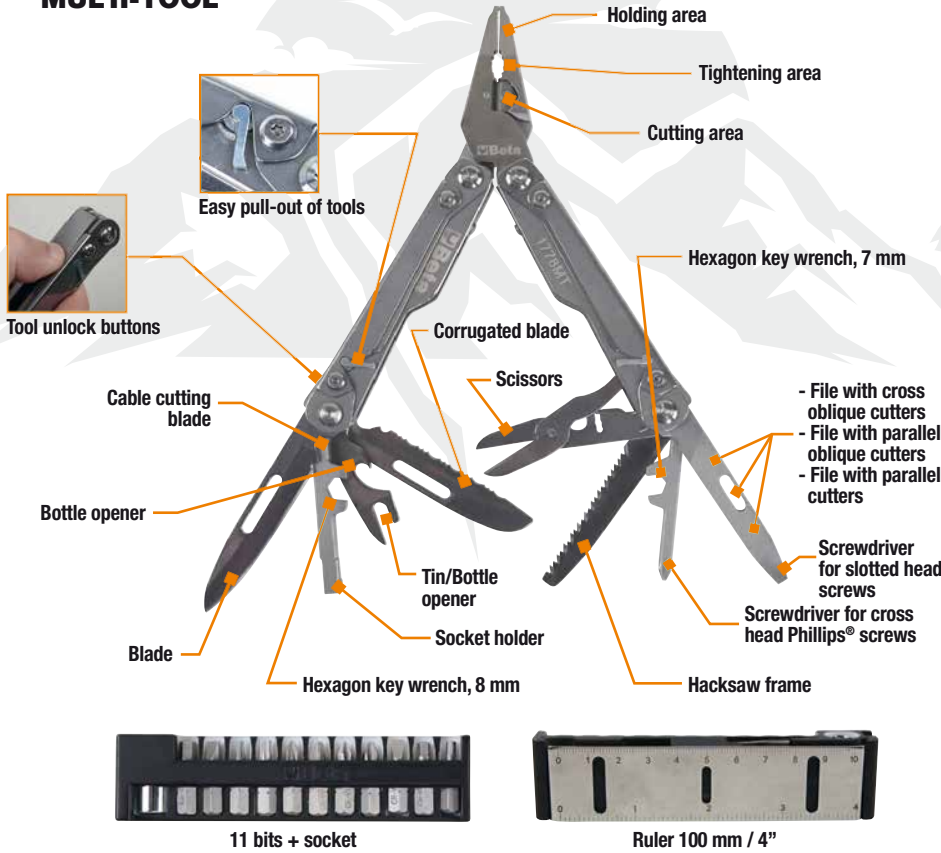


# MULTITOOL - 1778MT

BETA's multipurpose tool stands out from similar commercially available tools with BETA's typical hallmarks: pliers synonymous with matchless quality, sophisticated materials and state-of-the-art technology. The **11 bits**, which come in the most popular geometries in the market, make this item ideal for any work environments and conditions, e.g. camping, nautical industry, hunting and DIY.



## 22 FUNCTIONS



11 bits + socket



Ruler 100 mm / 4"

### 1778MT

multi-tools  
complete with bits and sheath  
9 tools  
22 functions



L mm	L1 mm	€	🔧	📦
180	115	105,00	1	017780055

### 1781

slim, long blade scissors



L mm	€	🔧	📦
1781 132	19,40	2	017810001

### 1783

light duty scissors



L mm	€	🔧	📦
215	16,10	5	017830021
240	18,00	5	017830024

### 1784

heavy duty scissors



L mm	€	🔧	📦
175	23,10	2	017840017
200	31,00	2	017840020
250	41,00	2	017840025
300	55,50	2	017840030

### 1800/100

lifting airbags (max. lifting force: 100 kg)

- lifting/levelling
- locking doors



A mm	B mm	S mm	€	🔧	📦
160	150	2+55	61,50	3	018000000



# LIGHTING

The lighting family comprises a wide range of products designed to satisfy all users' requirements, ranging from inspecting small pipes to lighting large working areas.

## FLASHLIGHTS

The new captivating design, the technical improvements and the large choice of sizes allow the most suitable flashlight to be selected on the basis of such criteria as brightness, battery life and performance.

## LAMPS AND SPOTLIGHTS

Based on improved LED technology, longer battery life, shorter charging time, painstaking attention to materials and ongoing search for innovative solutions, Beta's work lamps mean an outstanding combination of design, functionality and performance.

A comprehensive range designed to allow professionals to work at their best, in any sector and under any condition.

## WIRELESS



Wireless charging

New wireless technology allows the latest spotlights and lamps to be charged through one charging base, item 1839BRW.

The new charging base, 1839BRW, makes it possible to charge the latest spotlights and lamps simultaneously, without necessarily having to use power cords. Furthermore, the pull-out support allows mobile phones to be charged.



**CRI - Color Rendering Index**

**CCT - Correlated Color Temperature**

### SPOTLIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1837C/2100	500 - 1000 - 2100	Li-Ion 11.1V; 4400 mAh	4.0h	9 - 2.5h	IP65 - IK07	6500K	80+
1837C/4300	1100 - 2100 - 4300	Li-Ion 11.1V; 5200 mAh	4.0h	6 - 1.5h	IP65 - IK07	6500K	80+
1837M	500 - 1000 - 2000	Li-Ion 11.1 V, 5200 mAh	3.5h	2 - 8h	IP65 - IK07	2700-3500-4500-5500-6500K	96+
1838FLASH	360 - 720	Li-Ion 7.4 V; 4000 mAh	4.0h	4 - 8h	IP65	6300K	-
1838POCKET	160 - 400 - 800	Li-Ion 3.7 V; 2600 mAh	4.0h	3 - 9h	IP65	6500K	80+

### LAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1838/11LED	320	Li-Ion 3.7V; 4200 mAh	4.0h	4h	IP65	6500K	
1838AM	60 - 700 120 (spot)	Li-Ion 3.7V; 2600 mAh	4.0h - USB-C	2.5 - 16h 10h (spot)	IP54 - IK07	6500K	80+ 70+
1838COB	100 - 200 75 (spot)	Li-Ion 3.7V; 1600 mAh	3.0h	3-6h 4h (spot)	IP65	6000K	80+
1838P	80 - 50	Li-Ion 3.7V; 700 mAh	2.5h	4h	IP20	6000K	80+
1838SLIM	100 - 200 180 (back) 80 (spot)	Li-Ion 3.7 V, 700 mAh	2.5h - USB-C	2 - 4h 2h (back) 3h (spot)	IP54 - IK07	6500K	80
1838UV	75 - 150	Li-Ion 3.7V; 1600 mAh	3.0h	3h	IP20	6000K	80
1838SW	250 - 500 - 1000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 7h	IP65 - IK07	6500K	80+
1838E	500 - 1000 - 2000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 9h	IP20 - IK07	5500K	80+

### HEADLAMPS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1836B	125 - 250	Li-Ion 3.8V; 1600 mAh	3.0h	5h	IP65 - IK07	6000K	80+
1836AW	30 - 200 - 400	Li-Ion 3.7V; 1500 mAh	2.5h	4-18h	IP65 - IK07	6500K	80+

### FLASH LIGHTS

ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	LIGHTING RANGE
1833XS/1	100	1 x AAA	-	5h	IP66	85m
1833XS/2	200	2 x AAA	-	10h	IP66	112m
1833S	500	2 x AA	-	10h	IP66	140m
1833M	700	3 x AAA	-	7.5h	IP66	170m
1833L	1100	3 x AA	-	8.5h	IP66	330m
1833L/USB	1200	Li-Ion 3.7 V, 2600 mAh	3.0h - USB-C	3.0h	IP66	230m
1833XL	1500	3xD	-	22h	IP66	290m
1834RR	130	Li-Ion 3.7 V, 550 mAh	2.0h	1h	IP30	-
1837F	500	3 x AA	-	14.5h	IP66	125m
1837F/USB	600	Li-Ion 3.7 V, 2900 mAh	4.0h - USB-C	10h	IP66	280m

## 1833L/USB

rechargeable high-brightness LED torch, made of sturdy anodized aluminium, up to 1,200 lumens

- adjustable focus
- 3 brightness settings
- battery life: 3.0h
- IP66
- lighting range: 230 m
- flat battery indicator (<15%)
- charging via USB-C port
- charger not included



L mm 240 € 119,50 1 018330054

## 1833RB-L/USB

spare battery for item 1833L/USB

€ 55,00 1 018330975

## 1833XS/1

LED inspection torch, made of sturdy anodized aluminium

- 100 lumens
- adjustable focus
- battery: 1xAAA (not included)
- IP66
- battery life: 5.0h
- lighting range: 85 m



L mm 92 € 20,80 3 018330000

## 1833XS/2

LED inspection torch, made of sturdy anodized aluminium

- 200 lumens
- adjustable focus
- batteries: 2xAAA (not included)
- IP66
- battery life: 10.0h
- lighting range: 112 m



L mm 133 € 22,80 3 018330001

### 1833S

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 2xAA (not included)
- battery life: 10.0h
- IP66
- lighting range: 140 m



L mm 150 € 39,00 1 018330002

### 1833M

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 700 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- flat battery indicator (<15%)
- battery life: 7.5h
- IP66
- lighting range: 170 m



L mm 162 € 49,00 1 018330003

### 1833L

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 1,100 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- flat battery indicator (<15%)
- battery life: 8.5h
- IP66
- lighting range: 330m



L mm 196 € 81,50 1 018330004

### 1833XL

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 1,500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xD (not included)
- flat battery indicator (<15%)
- battery life: 22.0h
- IP66
- lighting range: 290 m



L mm 300 € 102,00 1 018330005

### 1834RR

LED torch,  
rechargeable in cigarette lighter socket

Adjustable focus  
Rechargeable in cigarette lighter socket, 10-28V DC  
IP30  
130 lumens



1834RR € 54,00 1 018340520

### 1836AW

rechargeable wireless LED headlamp,  
dual brightness

- dual light emission:  
front: 3 light intensities, LED COB, 30 - 200 - 400 lumens  
head (spotlight): LED COB, 400 lumens
- rechargeable battery: Li-Ion 3.7 V, 1500 mAh, 5.55 Wh
- USB-C port
- supplied with USB-C cable
- charging time: 2.5 h
- battery life:  
front: 4-18 h  
head (spotlight): 4 h
- IP 65
- IK 07



1836AW € 73,50 1 018360051

### 1836B

rechargeable LED headlamp, dual brightness,  
with ON/OFF sensor

- Contactless ON/OFF sensor
- 250 lumens
- Life: 3-6 h
- IP65



1836B € 133,00 1 018360200

### 1837F

magnetic, articulated lamp with high-  
brightness LEDs,  
made of sturdy anodized aluminium,  
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAA (not included)
- battery life: 14.5 h
- charge indicator
- IP66



L mm 460 € 88,00 1 018370050

### 1837F/USB

rechargeable, magnetic, articulated lamp with  
high-brightness LEDs,  
made of sturdy anodized aluminium,  
up to 600 lumens

- adjustable focus
- 2 brightness settings
- battery life: 10.0 h
- USB-C charging
- IP66



L mm 460 € 130,50 1 018370060



## 1837RB-F/USB

spare battery for item 1837F/USB

1837RB-F/USB	€ 38,50	1	018370960
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## 1838POCKET

articulated pocket LED spotlight, with dual light beam and wireless charging

- dual light emission:
  - main light: LED COB, 3 light intensities: 160 - 400 - 800 lumens
  - spot light: LED SMD, 250 lumens
- lighting angle: main light: 160°  
spot light: 18°
- rechargeable 3.7V 2600mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base power supply with USB-C port
- charging time: 4.5 h with wireless charging base  
4 h with power supply
- battery life: main light: 3-9h  
spot light: 4.5 h
- 3-LED battery level indicator
- can be rotated 210°
- nonslip rubber body
- magnetic base
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable



L mm	I mm	S mm	€	1	018380080
98	82	39	69,50	1	018380080

## 1837C

rechargeable LED spotlight for building yards

- 3 brightness settings
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- charging time: 4 hours
- 3-LED charge indicator
- can rotate up to 180°
- IP65
- IK07



LxHxI mm	Lm	h	€	1	018370210
220x225x70	2100	2.5	194,00	1	018370210
	1000	5.0			
	500	9.0			
266x236.6x59	4300	1.5	285,00	1	018370430
	2100	3.0			
	1100	6.0			

## 1837C/RA2100-4300

power supply for LED spotlights  
1837C/2100-4300



1837C/RA2100-4300	€ 27,50	1	018370970
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## 1837M

rechargeable LED COLOUR MATCH spotlight, for visual colour control, high colour rendering index (CRI 96+), up to 2,000 lumens

- 3 brightness settings: 500/1,000/2,000 lumens
- CRI (colour rendering index): 96+
- CCT (correlated colour temperature): 2700K/ 3500K/ 4500K/ 5500K/ 6500K
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- quick release charge connector
- charging time: 3.5 hours
- battery life: 8/4/2 h
- charge indicator
- button and LED colour temperature indicator
- button and LED brightness indicator
- can rotate up to 180°
- IP65
- IK07



LxHxI mm	Lm	h	€	1	018370450
220x225x70	500	8.0	303,00	1	018370450
	1000	4.0			
	2000	2.0			

## 1837M/RA

power supply for COLOUR MATCH spotlights  
1837M



1837M/RA	€ 52,00	1	018370975
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## 1837S

telescoping tripod for worklight

- made of metal
- adjustable height: 70-155 cm
- compatible with items 1837C and 1838FLASH



h cm	€	1	018370500
70-170	63,00	1	018370500

## 1838FLASH

rechargeable, ultracompact spotlight, designed to offer the best possible solution for each use

**ABUNDANT READY LIGHTING:** with a maximum lighting capacity of 720 lumens, and running on both battery and cable, it is always ready to use.

**CAN BE PLACED ANYWHERE:**

- on flat surfaces: with rubber feet on three sides or 1/4" drive for stands (camera-like standard)
- on metal structures: with unscrewable magnet or hook that can be rotated 360 degrees.

**COMPACT:** no more than 85x100x155 mm in size, it can be easily replaced in tool bag and used in small areas.

**STURDY:** designed to withstand extremely severe mechanical stress. Guaranteed durability.



IP65

1838FLASH	€ 344,00	1	018380300
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## 1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH	€ 75,00	1	018380930
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## 1838/11LED

rechargeable inspection lamp with ultra-high brightness LEDs, lithium polymer battery

- Compact body made of antislip rubber
- Easy-to-replace front glass
- Swinging hook
- With charging station, 110-230Vac
- 320 lumens
- With multidirectional head LED



1838/11LED € 168,50 1 018380111

## 1838RA/10-11LED

spare power supplies for items 1838/10LED and 1838/11LED

CE

1838RA/10-11LED € 35,50 1 018380903

## 1838RB/10LED

spare battery for items 1838/10LED and 1838/11LED

1838RB/10LED € 56,50 1 018380902

## 1838RR/11LED

charging bases for item 1838/11LED

1838RR/11LED € 37,50 1 018380914

## 1838RV/11LED

spare scratch-proof glass for lamp 1838/11LED



1838RV/11LED € 5,15 2 018380905

## 1838AM

rechargeable LED inspection lamp, with double light emission, articulated, can be rotated 180°, with swivel magnetic base and hook

- double light emission: front: LED COB, 60-700 lumens, can be adjusted with potentiometer
- spot (head): LED SMD, 120 lumens, ON-OFF switch
- rechargeable 3.6V 2600mAh Li-ion battery
- with USB-C port
- supplied with 100-240V / 50-60Hz charger
- charging time: 4h
- battery life: front: 2.5-16h spot (head): 10h
- 3-LED battery level indicator

- articulated, can be rotated 180° (± 90° compared to axis)
- magnetic base (with neodymium magnet), can be rotated 90°
- swivel base hook

- IP54
- IK07



L I S L1  
mm mm mm mm  
1838AM 405 40 45 175 € 110,50 1 018380400

## 1838COB

portable rechargeable LED inspection lamp

- with hanging hook and antislip, shockproof body
- lithium polymer battery
- Swinging hook
- Magnetic base can be rotated 180 degrees
- With charger 100-240Vac / 50-60Hz
- 100/200 lumens; SPOT 75 lumens
- Operating range: 6h / 3h; SPOT 4h
- charging time: 3 hours
- IP65

CE  
IP65



1838COB € 95,50 1 018380010

## 1838P

rechargeable inspection pen light, with double light emission: lamp and torch

- Compact body made of non-slip rubber
- 50/80 lumens
- Pocket hook
- Magnetic base can be rotated 180 degrees
- Complete with USB/jack charging cable, 3.5mm
- Life: 2.5 hours
- IP20



1838P € 82,00 1 018380005

## 1838SLIM

rechargeable, articulated slim 3-LED inspection lamp

- triple light emission
- front: 100/200 lumens/ back: 180 lumens/ spot (head): 80 lumens
- magnetic base
- charging time: 2.5h
- battery life: 2-4h/ spot 3h

CE  
IP54



L I S  
mm mm mm mm  
1838SLIM 307 17 29 € 74,50 1 018380221

 Beta

 Beta

## 1838SW

rechargeable, articulated LED inspection lamp, with wireless charger

- dual light emission:  
front: LED COB, 3 light intensities: 250 - 500 - 1000 lumens  
spot (head): LED SMD, 200 lumens
- rechargeable 3.6V 3.350mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base  
power supply with USB-C port
- charging time: 6.5h with wireless charging base  
4.5h with power supply
- battery life: front: 1.3-5h  
spot (head): 7h
- 3-LED battery level indicator
- base can be rotated 180°
- nonslip rubber body
- double swinging hook
- 3 magnets on back
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable



	L	I	S	€		
	mm	mm	mm			
1838SW	260	53	40	99,00	1	018380142

## 1838UV

rechargeable UV and white light inspection lamp  
ideal for detecting leaks

- Compact body made of antislip rubber
- With charger 100-240Vac / 50-60Hz
- 150 lumens / UV



	€		
1838UV	161,00	1	018380150

## 1838E

rechargeable under bonnet LED lamp

- triple light emission: 500/1000/2000 lumens
- can be rotated 360°
- length range: 116 ÷ 188 cm
- aluminium body
- nonslip rubber hooks
- USB-C charge
- 2 charging modes:  
charge via lamp USB port  
charge via internal battery USB port
- supplied with battery charger  
input: 100-240V ~ 50/60Hz  
output: DC 5V - 2000 mA



IP20  
IK07

L min	L max	I	€		
mm	mm	mm			
1170	1880	150	188,50	1	018380270

## 1838E-BT

rechargeable battery with USB-C port for  
under bonnet lamp item 1838E

- Li-Ion 3,6V
- DC 5V - 2000 mA

CE

	€		
1838E-BT	53,00	1	018380271

## 1839BRW

wireless charging base,  
compatible with 1838POCKET, 1838SW  
inspection lamps

- two charging positions with magnetic connection, for simultaneous use
- with pull-out support for wireless mobile phone charging
- charging status LED indicator
- max. input: 10W x2
- input: AC 100-240V 50/60Hz
- output: DC 12V 1.5A  
DC 9V 2A  
DC 5V 3A
- USB-C port
- can be hung on wall through: 3 strong magnets on back  
2 screw holes
- IP20
- IK07



L	I	S	€		
mm	mm	mm			
1839BRW	101	190	28	93,50	1 018390002

## 1839/R5

USB-C QC 3.0 cable, replacement for items  
1838POCKET, 1839BRW

	€		
1839/R5	8,50	1	018390505

## 1839/R6

USB Q C3.0 quick charge transformer,  
replacement for 1838POCKET, 1839BRW

	€		
1839/R6	25,00	1	018390506

## 1839/R1

transformer with USB output, spare part  
for items 1833L/USB, 1836B, 1837F/USB,  
1838COB, 1838P, 1838S, 1838SLIM, 1838UV,  
1838AM, 1838E

CE

	€		
1839/R1	24,50	1	018390501

## 1839/R2

USB/jack cable 3.5 mm, spare part for items  
1836B; 1838P; 1838COB; 1838UV

	€		
1839/R2	9,45	1	018390502

## 1839/R4

USB/USB-C cable, spare part for items  
1833L/USB, 1833F/USB, 1838SLIM, 1838S,  
1838AM, 1838E

	€		
1839/R4	8,35	1	018390504

**Beta**

**Beta**



## 1840BM

230V inspection lamp,  
base type: E27

- Bulb not included



IP20

1840BM	V	W	L	€		
	230	60	420	71,50	1	018400101

## 1842LED/BM

lamp with ultra-high brightness LEDs, 100-240 Vac

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 340 lumens
- with multi-directional head LED light



1842LED/BM	L	€		
	mm 230	139,50	1	018420301

## 1842LED/ABM

lamp with ultra-high brightness LEDs, 12-24V AC/DC

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 320 lumens
- with multi-directional head LED light



1842LED/ABM	L	€		
	mm 230	132,00	1	018420311

## REELS



Beta's new, varied, comprehensive range of reels has been designed and developed with a view to satisfying all professionals' requirements.

- The range of cable reels comprises numerous lengths and types of cables, versions with LED lamps and with SCHUKO sockets and plugs.
- The range of hose reels comprises hoses 8 mm and 10 mm in diameter.

High-resistance spring ensuring remarkable durability and unparalleled smoothness. Drums made of thick polypropylene, for unique shock resistance.

Rack device causing automatic cable rewind to stop, easy to disable, to allow continuous pulling. Each reel is fitted with a 180° swivel wall-mount bracket and an additional bracket for quick connection to, and disconnection from, the wall-mount support.

## CABLE REELS

A wide range comprising no less than 18 versions, designed to satisfy any working requirements, including the most demanding users'. Lengths ranging from 10 m to 30 m, and sections from 2x1.0 mm<sup>2</sup> to 5Gx1.5mm<sup>2</sup>, with H05VV-F and H07RN-F cable types. All the cable reels – up to a cable section of 3Gx2.5mm<sup>2</sup> - are supplied with thermal protection switches, which are triggered in case of overloading of the electric circuit.



## HOSE REELS



337

A selected range, with lengths ranging from 10 m to 15 m, 8 mm and 10 mm in diameter, for use with pneumatic tools.

Since our products are leak-proof, they can also be used with water.

Item		Conductors	Section	Cable type	Length	Thermal protection	Accessory
1842 15-H05/LED	018420821	2x	1,0 mm <sup>2</sup>	H05VV-F	15+1 m	YES	LED lamp
1843 15-H05	018430215	2x	1,5 mm <sup>2</sup>	H05VV-F	15+1 m	YES	
1844 10-H05	018440310	3G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	YES	-
1844 15-H05	018440315			H05VV-F	15+1 m	YES	-
1844 15-H07	018440317			H07RN-F	14+1 m	YES	-
1844 30-H05	018440330			H05VV-F	30+2 m	YES	-
1844 15-H05/SCK	018440316	3G	1,5 mm <sup>2</sup>	H05VV-F	15+1 m	YES	SCHUKO
1844 15-H07/SCK	018440318			H07RN-F	14+1 m	YES	SCHUKO
1845 12-H05	018450365	3G	2,5 mm <sup>2</sup>	H05VV-F	12+1 m	YES	
1845 15-H07	018450367			H07RN-F	15+1 m	YES	
1845 25-H07	018450377			H07RN-F	25+1,5 m	YES	
1846 10-H05	018460405	4G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	NO	
1846 10-H07	018460407			H07RN-F	10+1 m	NO	
1846 15-H05	018460415			H05VV-F	15+1 m	NO	
1847 10-H05	018470420	4G	2,5 mm <sup>2</sup>	H05VV-F	10+1 m	NO	
1847 15-H07	018470427			H07RN-F	15+1 m	NO	
1848 10-H05	018480510	5G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	NO	
1848 15-H07	018480517			H07RN-F	15+1 m	NO	

## 1842

automatic cable reel with LED inspection lamp, 100-240Vac

- with 230/12V safety transformer
- H05VV-F 2x1.0 mm<sup>2</sup> cable
- coiled cable length: 15 m
- 1.5 m incoming cable with SCHUKO type socket
- length of cable out of drum: 1 m
- rack mechanism can be disabled to keep cable pulled
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42  
IP65

L=15 m



L  
m

€

1

018420821

1842 15-H05/LED H05VV-F 15+1 353,00 1 018420821

## 1846R-LED/BM

spare LED lamps

12-24V - AC-DC



1846LED/BM R 97,00 1 018460331

## 1843

automatic cable reel, with 2x1.5 mm<sup>2</sup> cable

- H05VV-F 2x1,5 mm<sup>2</sup> cable
- with thermal protection switch
- coiled cable length: 15 m
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1300W (230V-20°C)
- max. power (unrolled): 2300W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



L  
m

€

1

018430215

1843 15-H05 H05VV-F 15+1 235,50 1 018430215

## 1844

automatic cable reel, with 3Gx1.5 mm<sup>2</sup> cable

- 3Gx1.5 mm<sup>2</sup> cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1844 30-H05, 2 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



L  
m

€

1

018440310

1844 10-H05	H05VV-F	10+1	210,00	1	018440310
1844 15-H05	H05VV-F	15+1	230,00	1	018440315
1844 15-H07	H07RN-F	14+1	250,00	1	018440317
1844 30-H05	H05VV-F	30+2	442,00	1	018440330

## 1844SCK

automatic cable reel, with 3Gx1.5 mm<sup>2</sup> cable and SCHUKO type socket

- 3Gx1.5 mm<sup>2</sup> cable
- with thermal protection switch
- length of cable out of drum: 1 m
- supplied with 1.5 m incoming cable and SCHUKO type socket
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

L=15 m



L  
m

€

1

018440316

1844 15-H05/SCK	H05VV-F	15+1	240,00	1	018440316
1844 15-H07/SCK	H07RN-F	14+1	260,00	1	018440318

## 1845

automatic cable reel, with 3Gx2.5 mm<sup>2</sup> cable

- 3Gx2.5 mm<sup>2</sup> cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1845 25-H07RN-F, 1.5 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 3000W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



L  
m

€

1

018450365

1845 12-H05	H05VV-F	12+1	474,00	1	018450365
1845 15-H07	H07RN-F	15+1	474,00	1	018450367
1845 25-H07	H07RN-F	25+1,5	598,00	1	018450377

## 1846

automatic cable reel, with 4Gx1.5 mm<sup>2</sup> cable

- 4Gx1.5 mm<sup>2</sup> cable
- without thermal protection switch
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (230V-20°C)
- max. power (unrolled): 1900W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



L  
m

€

1

018460405

1846 10-H05	H05VV-F	10+1	255,00	1	018460405
1846 10-H07	H07RN-F	10+1	264,00	1	018460407
1846 15-H05	H05VV-F	15+1	264,00	1	018460415

## 1847

automatic cable reel, with 4Gx2.5 mm<sup>2</sup> cable

- 4Gx2.5 mm<sup>2</sup> cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 2700W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1847 10-H05	H05VV-F	10+1	€	1	018470420
1847 15-H07	H07RN-F	15+1	510,00	1	018470427

## 1848

automatic cable reel, with 5Gx1.5 mm<sup>2</sup> cable

- 5Gx1.5 mm<sup>2</sup> cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (230V-20°C)
- max. power (unrolled): 1900W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1848 10-H05	H05VV-F	10+1	€	1	018480510
1848 15-H07 <td>H07RN-F</td> <td>15+1</td> <td>544,00</td> <td>1</td> <td>018480517</td>	H07RN-F	15+1	544,00	1	018480517

## 1850D

3-speed heat gun

- Pos. I 250 l/min 50 °C
- Pos. II 250 l/min 400 °C
- Pos. III 500 l/min 550 °C

CE



1850D	L mm	H mm	€	1	018500018
	255	210	131,50	1	018500018

## 1850E

adjustable electronic heat gun

- Pos. I 250-500 l/min 50 °C
- Pos. II 250-500 l/min 50-650 °C
- digital display
- temperature and flow rate adjustment buttons
- 4 preset programmes and other customizable programmes
- Prog 1 150 °C ca. 400 l/min
- Prog 2 200 °C ca. 400 l/min
- Prog 3 300 °C ca. 450 l/min
- Prog 4 400 °C ca. 500 l/min

CE



1850E	L mm	H mm	€	1	018500020
	255	210	275,00	1	018500020

## 1851VK

hot glue gun with 12 thermofusible glue sticks in case

- power: 80 W
- for stick glue, ø 11 mm and 12 mm

CE



1851VK	€	1	018510058
	54,50	1	018510058

320x250x50 mm

## 1851VK-12C

12 thermofusible glue sticks  
Ø 11 mm

1851VK-12C	€	1	018510062
	13,90	1	018510062

## 1851VK-12V

12 thermofusible glue sticks  
for painted surfaces  
Ø 11 mm

1851VK-12V	€	1	018510072
	13,90	1	018510072

## 1852R1750

portable induction heater

CE



Heats and loosens bolts, hubs and bearings without using flames. Allows any type of ferromagnetic metal to be heated.

### Standard equipment:

- Two front attachable coils, Ø 19 and 26 mm, for loosening nuts
- One flat coil for heating surfaces
- One flexible coil, 800 mm long
- Supplied in plastic case

### Technical data:

- Input voltage: 230V AC, 50/60 Hz
- Input current: max. 7,5A
- Power: max. 1.75 kW

### Optional Equipment:

- Coils are also available in other sizes

### Benefits:

- Time saving: quick, extremely accurate heating
- Fire safety: does not produce flames, maximum operator safety
- Functional: can be used with one hand, and coils can be easily interchanged

### Fields of Application:

- Automotive industry
- Industrial maintenance
- Aviation industry
- Naval industry
- Petrochemical industry

1852R1750	€	1	018520175
	1.550,00	1	018520175

480x370x130 mm - 4,5 kg

## 1852S-CNT

contact coil



1852S-CNT	€	1	018520520
	116,00	1	018520520

## 1852S-CC

spoon coil



1852S-CC	€	1	018520521
	93,00	1	018520521



## 1852S-KR/CNT

kit of spare parts for contact coil



1852S-KR/CNT	€ 50,50	1	018520522
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## 1852S-L

side attachable coils



	Ø mm	M	L mm	€	1	018520501
1852S-L 19	19	M6	220	47,00	1	018520501
1852S-L 20	20	M8	220	47,00	1	018520502
1852S-L 23	23	M10	220	47,00	1	018520503
1852S-L 26	26	M12	220	47,00	1	018520504
1852S-L 32	32	M16	220	47,00	1	018520505
1852S-L 38	38	M20	220	54,00	1	018520506
1852S-L 45	45	M22	220	59,50	1	018520507

## 1852S-F

front attachable coil



	Ø mm	M	L mm	€	1	018520508
1852S-F 19	19	M6	220	47,00	1	018520508
1852S-F 20	20	M8	220	47,00	1	018520509
1852S-F 23	23	M10	220	47,00	1	018520510
1852S-F 26	26	M12	220	47,00	1	018520511
1852S-F 32	32	M16	220	47,00	1	018520512
1852S-F 38	38	M20	220	54,00	1	018520513
1852S-F 45	45	M22	220	57,50	1	018520514

## 1852S-FLESS

flexible coil



	€	1	018520519
1852S-FL 750	35,00	1	018520519
1852S-FL 800	88,00	1	018520515
1852S-FL1000	113,00	1	018520517
1852S-FL1500	134,00	1	018520518

## 1852 S-PIATTE

flat coil



1852S-PIATTE	€ 54,00	1	018520516
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# Beta

 **Beta**  
Quality Tools



# WELDING




## INVERTER WELDING MACHINES

Easy-to-use inverter welding machines with excellent welding characteristics for all types of electrodes. With overvoltage and overtemperature control and electrode anti-sticking function. Compact and lightweight, ideal for home maintenance jobs, light carpentry and maintenance jobs.



## WELDING MASKS

Beta offers several auto-darkening LCD masks suitable for different types of welding: electrode welding, MIG/MAG, TIG and plasma welding. Protection and comfort are guaranteed by full compliance with all current safety standards.



## WELDING ACCESSORIES

A wide range of accessories supporting welding jobs.



## GAS TIN WELDING MACHINES

Welding machines and accessories designed for small maintenance jobs and microelectronics jobs. As well as corded welding machines, Beta also offers several butane gas solutions which allow welding jobs to be carried out outdoors and with no electricity.



## 1808

dual rating soldering iron with steel tips  
1824R8



W	V	€	📦	🖨️
20/130	230	79,00	1	018080001

## 1812 150

instant heat soldering iron



W	V	€	📦	🖨️
150	230	113,00	1	018120015

## 1814M

soldering irons  
with steel tips



W	V	€	📦	🖨️
25	230	63,50	1	018140225
30	230	67,00	1	018140230
40	230	72,50	1	018140240

## 1820

soldering irons



Model	W	V	€	📦	🖨️
1820 30	30W	230V	47,00	1	018200003
1820 60	60W	230V	53,50	1	018200006
1820 80	80W	230V	76,00	1	018200008

## 1822

high-performance soldering irons



Model	W	V	€	📦	🖨️
1822 120	120W	230V	116,00	1	018220012
1822 180	180W	230V	122,50	1	018220018
1822 320	320W	230V	152,50	1	018220032

## 1823 60

digital soldering station  
supplied with soldering iron

- Temperature range: 160 °C ÷ 480 °C with ±1% accuracy.
- Memory mode designed to save the temperature selected when switching off the station.
- 3 quick selection keys (200-300-400 °C).



W	€	📦	🖨️
60	449,00	1	018230060

## 1823R/60

spare soldering iron for item 1823 60



Model	W	V	€	📦	🖨️
1823R 60	60W	24V	88,50	1	018230066

## 1824R

spare tips for soldering irons

Model	W	V	€	📦	🖨️
1824R 08	20/130W	230V	33,50	1	018240100
1824R 12	120W	230V	4,55	1	018240301
1824R 14-M25	120W	230V	4,55	1	018240152
1824R 14-M30	180W	230V	4,55	1	018240153
1824R 14-M40	320W	230V	4,55	1	018240154
1824R 20	120W	230V	6,00	1	018240302
1824R 60	120W	230V	6,00	1	018240303
1824R 80	180W	230V	8,70	1	018240304
1824R 120-180	120W	230V	70,50	1	018240305
1824R 320	320W	230V	89,50	1	018240307
1824R ST-60	60W	230V	12,40	1	018240308

## 1825B

soldering tin wire with antioxidant

- 1 mm<sup>2</sup>; 250 g
- Sn 99.3%; Cu 0.7%



Model	W	V	€	📦	🖨️
1825B	1 mm <sup>2</sup>	250 g	66,00	1	018250251

## 1827

gas soldering iron, adjustable



Model	W	V	€	📦	🖨️
1827	60W	24V	142,00	1	018270001

## 1827PC

spare conical tips for item 1827



Model	W	V	€	📦	🖨️
1827PC 1,6	60W	24V	29,50	1	018270501
1827PC 3,2	60W	24V	29,50	1	018270502

## 1827PCL

spare knife tips for item 1827



Model	W	V	€	📦	🖨️
1827PCL 2,4	60W	24V	29,50	1	018270503





## 1827PFL

spare naked flame tips for item 1827



1827PFL € 29,50 1 018270504

## 1827/K

gas soldering iron with 7 accessories in case with soft polyethylene foam base



### Features:

- Power: 30 watts to 125 watts
- Tip temperature can be adjusted between 250 °C and 500 °C
- Gas flow regulator
- Warm-up time: 15 seconds
- Tank contains gas for 120 minutes' non-stop operation
- Clear tank for monitoring gas level
- Can be refilled with butane gas

1827/K € 219,50 1 018270100

## 1827F

butane gas soldering iron

35 g tank

- three interchangeable nozzles: 550 °C; 1000 °C; 1300 °C
- supplied with a stand in hard case



1827F € 156,00 1 018270200

## 1830T

dissoldering pipe with antistatic plastic (PTFE) nozzle



L mm 190 € 16,70 5 018300021

## 1860BH/120A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷120A  
Power supply: 1x230V

Use factor (40 °C) :

25% - 120 A

50% - 80 A

100% - 60 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 3.2mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm<sup>2</sup> cables

CE



1860BH/120A € 346,00 1 018600121

## 1860BH/160A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷160A  
Power supply: 1x230V

Use factor (40 °C) :

25% - 160 A

60% - 100 A

100% - 80 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm<sup>2</sup> cables

CE



1860BH/160A € 446,00 1 018600161

## 1860BH/200A

DC-powered inverter welding machine for MMA welding with rutilic, basic and stainless steel electrodes, compact and easy to carry

Arc force, hot start, anti-sticking and thermostatic protection features

Adjustment current: 10÷200A  
Power supply: 1x230V

Use factor (40 °C) :

25% - 200 A

60% - 130 A

100% - 100 A

Protection: IP22S

Usable electrodes: Ø 1.6 - 4mm rutilic, basic, stainless steel, cast iron etc.

Supplied with 16mm<sup>2</sup> cables

CE



1860BH/200A € 496,00 1 018600201

## 1860BH R/CM

spare earth cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CM € 47,50 1 018600612

## 1860BH R/CS

spare electrode holder cables for inverter welding machines 1860BH-120/160/200A



1860BH R/CS € 58,00 1 018600613

## 1860BHT/160A

DC-powered inverter welding machine for MMA and TIG electrode steel welding, compact and easy to carry

Arc force, STICK/TIG (lift arc), hot start, anti-sticking and thermostatic protection features

adjustment current: 10÷160 A  
power supply: 1x230 V

use factor (40 °C) :  
60% - 160 A  
100% - 130 A

protection: IP23S  
usable electrodes: Ø 1.6 - 4 mm, rutilic, basic, stainless steel.  
Supplied with 25 mm<sup>2</sup> cables

CE



1860BHT/160A	€ 869,00	1	018600179
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## 1860BHT R/CM

spare earth cables for TIG welding machines 1860BHT



1860BHT R/CM	€ 74,00	1	018600616
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## 1860BHT R/CS

spare welding pliers cables for TIG welding machines 1860BHT

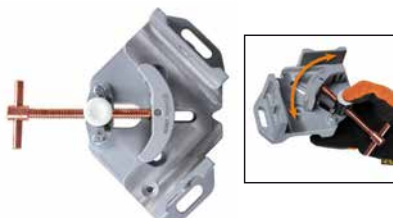


1860BHT R/CS	€ 95,50	1	018600617
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## 1860M

magnetic, quick-adjusting corner welding vices

with swinging jaws,  
ideal for locking differently sized parts



1860M	L max mm 30	€ 89,00	1	018600301
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## 1860DM

magnetic discs for lifting metal sheets

ideal for handling and fixing metal sheets  
constant magnetic force over entire disc surface  
handles with holes for easier vertical working



	kg max	€		
1860DM 16	16	51,00	1	018600310
1860DM 40	40	72,00	1	018600311

## 1860PMIG

multipurpose pliers for MIG welding



	L mm	L1 mm	€	
1860PMIG	215	44	37,00	2 018600350

## 1860EI

magnetic square, 90°, for interior and exterior angles

Ideal for locking tubular or flat parts,  
18 kg magnetic force,  
with bevels for 30° and 60° angles,  
with hexagon hole making it easier to separate magnet from metal



	L mm	L1 mm	S mm	€	
1860EI	165	110	35	36,00	1 018600290

## 1860RG

adjustable magnetic square, 30°÷270°

Ideal for locking tubular or flat parts,  
15 kg magnetic force,  
supplied with an offset hexagon key wrench for locking angle adjustment mechanism,  
supplied with a pin for locking angle adjustment mechanism at 30°-45°-90°/270°-180°  
with hexagon hole making it easier to separate magnet from metal



	L mm	S mm	€	
1860RG	155	35	57,50	1 018600255

## 1860SQ

magnetic square, 45°/90°

ideal for locking tubular or flat parts  
25 kg magnetic force  
no battery required, ON/OFF effect obtained by tilting interior magnets  
easier chip removal with magnets in OFF position



1860SQ	€ 87,50	1	018600210
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## 7041LCD/4S

auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.  
4 sensors  
with TRUE COLOR filter  
solar cell power supply and lithium batteries  
for outstanding LCD filter life

- Viewing area: 98x80 mm
- Darkening shade range: 5÷8.5/ 9-13, internally adjustable
- UV/IR protection: DIN16
- Light to dark time: 1/25000 s
- Dark to light time: 0.1-2.0s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Low battery indicator
- Ergonomic design, lightweight, well-balanced
- With adjustable ring nut



CE

7041LCD/4S	€ 285,00	1	070410001
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## 7041LCD/4S-VE

scratch-proof lens protector for item 7041LCD/4S

7041LCD/4S-VE	€ 6,95	2	070410101
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## 7041LCD/4S-VI

inside lens for item 7041LCD/4S

7041LCD/4S-VI	€ 3,50	2	070410102
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**Beta**  
Quality Tools

## 7042LCD

Auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma. Solar cells power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x43 mm
- Darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- Light to dark time: 1/25000 s
- Dark to light time: 0.25-1s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Optimized shape to make it easier to breathe with pulled-down screen



7042LCD € 200,00 1 070420001

## 7042LCD/RV

scratch-proof lens protector for item 7042LCD, 7043

7042LCD/RV € 3,15 2 070420101

## 7042LCD/RV-INT

inside lens for item 7042LCD, 7043

7042LCD/RV-INT € 2,76 2 070420102

## 7043

auto-darkening LCD mask, for electrode welding, MIG/MAG, TIG and plasma, solar cell power supply

- viewing area: 92x43 mm
- darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- light to dark time: 1/1000 s
- dark to light time: 0.1-1.0 s
- adjustable darkening delay
- auto on/off
- grinding feature
- optimized shape to make it easier to breathe with pulled-down screen



7043 € 116,00 1 070430001

## 1870

solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction power: 190 mbar
- max. drum capacity: 20 l, made of antistatic PP
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- trolley for accessories
- STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 surface filter cartridge 1900 cm<sup>2</sup> - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



IPX4

1870 € 234,50 1 018700020

## 1870I

solid and fluid vacuum cleaner, 20 l, stainless steel drum

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction pressure: 190 mbar
- max. drum capacity: 20 l, made of stainless steel
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- STANDARD ACCESSORIES Ø 36 mm
- 1 corrugated hose with ergonomic handle and vent
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- 1 paper bag
- FILTERING SYSTEMS
- 1 surface air filter cartridge 1900 cm<sup>2</sup> - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



IPX4

1870I € 261,00 1 018700220

## 1872L

solid and fluid vacuum cleaner, 35 l "L" class certified

- two-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction power: 220 mbar
- max. drum capacity: 35 l, made of antistatic PE-HD
- acoustic emissions: <70 dB(A)
- cable length: 6 m
- STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 plastic extension tubes
- 1 combined brush frame
- 1 section with fluid collection hoses
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 disposable fabric bag; filtration class: "L"
- 1 filter cartridge; IFA class: "L"
- 1 anti-foam filter PPI 45/PPI 30
- 2 post-filters made of PP-laminated PET



IPX4

1872L € 511,00 1 018720135

## 1873

solid and vacuum cleaner, 30 l, stainless steel drum

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1100 W
- airflow rate: 55l/sec. • max. suction pressure: 220 mbar
- max. drum capacity: 30 l, made of stainless steel
- acoustic emissions: <61 dB(A)
- cable length: 6 m
- trolley for accessories
- STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 1900 cm<sup>2</sup>, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



1873 30 € 682,00 1 018730030



## 1874

solid and fluid vacuum cleaner, 50 l, stainless steel drum

- two-stage by-pass motor • voltage: 220/240 V
  - frequency: 50/60 Hz • max. power: 1350 W
  - airflow rate: 55 l/sec. • max. suction pressure: 240 mbar
  - max. drum capacity: 50 l, made of stainless steel
  - acoustic emissions: <63 dB(A)
  - cable length: 6 m
  - trolley for accessories
- STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
  - 2 stainless steel extension tubes
  - 1 industrial brush frame • 1 industrial section for carpets
  - 1 industrial section with fluid collection hoses
  - 1 flat nozzle
- FILTERING SYSTEMS
- 1 filter paper bag
  - 1 surface filter cartridge 5200 cm<sup>2</sup>, 12 µm nom.
  - 1 anti-foam filter PPI 45/PPI 30

CE



1874 50 € 861,00 1 018740050

## 1875LT

injection/extraction carpet/upholstery cleaner

Ideal for deeply cleaning textile surfaces. It dispenses pressure sprayed detergent and sucks it up with dirt, leaving surfaces almost dry

- Supplied accessories:
- 1 hose complete with ergonomic handle
  - 1 dispenser unit
  - 2 hard extensions
  - 1 small spray extraction nozzle
  - 1 big spray extraction nozzle
  - 6 power cord locknuts

CE



1875LT € 593,00 1 018750000

## 1875SP/K3

kit of fabric cleaning brushes

- 1 flat brush Ø 48 mm
- 1 flat brush Ø 100 mm
- 1 hemispheric brush Ø 90 mm
- 1/4" impact socket drive

1/4



ISO 1173 E 6,3

1875SP/K3 € 19,10 1 018750010

## 1870-20/5S

5 horizontal paper bags for item 1870-1875LT



1870 20/5S € 55,00 1 018700021

## 1870-72 /FC

cartridge filter 1900 cm<sup>2</sup> 12 - µm nom. for items 1870 - 1870I - 1873 - 1875LT



1870-72 /FC € 47,00 1 018700026

## 1870-72/FL

fluid vacuum cleaning filter for items 1870 - 1870I - 1872L - 1873 - 1874 - 1875LT



1870 72/FL € 17,40 1 018700027

## 1872L 35/FC

cartridge filter, "L" class, for item 1872L 35



1872L 35/FC € 57,00 1 018720144

## 1872L 35/5S

5 disposable fabric bags, "L" class



1872L 35/5S € 87,00 1 018720136

## 1873-30/5S

5 vertical paper bags for item 1873



1873 30/5S € 55,00 1 018730031

## 1874-50/5S

5 vertical bags for item 1874



1874 50/5S € 69,50 1 018740051

## 1874-50/FC

cartridge filter 5200 cm<sup>2</sup> - 12 µm nom. for item 1874



1874 50/FC € 56,50 1 018740056

## 1877

exhausted oil drain unit, wheeled, with 90 l tank

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- pneumatic tank emptying through 1.8 m pipe
- tool tray

CE



1877 € 738,00 1 018770008



## 1877A

exhausted oil drain unit / vacuum cleaner, wheeled, with 90 l tank and pre-chamber

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- transparent pre-chamber: capacity 9.5 l
- 1.8 m suction pipe
- pneumatic tank emptying through 1.8 m pipe
- tool tray

### Standard accessories:

- 1 hard probe, Ø 5x700 mm
- 1 flexible probe, Ø 5x700 mm
- 1 hard probe, Ø 6x600 mm
- 1 flexible probe, Ø 6x700 mm
- 1 flexible probe, Ø 7x700 mm
- 1 flexible probe, Ø 8x700 mm
- adapters for VW, BMW, CITROËN

CE



1877A € 1.305,00 1 018770080

## 1877F

exhausted oil drain unit for 1 l bottles

- fits up to 4 bottles at a time
- Supplied with 2 2-l jerrycans



H mm 405 L mm 270 P mm 240 € 100,50 1 018770100

## VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

### The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1438 to 1499 items 1758VT to 1760TMC
<b>Engine</b>	items 955 to 989A items 1438 to 1499
<b>Oil and filters</b>	items 1438 to 1499 items 1877 to 1885
<b>Electric system</b>	items 1438 to 1499
<b>Starters</b>	items 1498BC/12 to 1498/40A
<b>Transmission</b>	items 1438 to 1499
<b>Suspension</b>	items 1549 to 1569CP
<b>Brakes</b>	items 1438 to 1499
<b>Wheels</b>	items 955 to 989A
<b>Body work</b>	items 1302 to 1369 items 1763 to 1767A
<b>Other equipment</b>	items 1878 to 3067
<b>Jacks</b>	items 3029/2T to 3067/70-13T



## 1878 2

fluid collection tank

- maximum capacity: 2 l
- particularly suitable for changing oil in scooters



1878 2 l 2 H mm 85 € 15,10 1 018780002

## 1878 3

oil collection tank, for truck hubs

With oil drip catcher



1878 3 l 3 € 22,80 1 018780003

## 1878 4

fluid collection tank, portable

- suitable for motorcycles
- maximum capacity: 4 l
- reduced splashing



1878 4 l 4 H mm 100 € 32,00 1 018780004

## 1878 8

fluid collection tank

- height suitable for motorcycles
- maximum capacity: 8 l



1878 8 l 8 H mm 110 € 17,00 1 018780008

## 1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing fluid leakage during transportation



1878 11 11 € 38,00 1 018780011

## 1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels



1878 30 30 € 147,50 1 018780030

## 1879

9.5 l manual/pneumatic operation fluid extractor



1879 € 318,00 1 018790001

## 1879 6

manual operation fluid extractor, 6 l



1879 6 € 232,50 1 018790000

## 1879R/K4

kit of 4 spare tubes for fluid extractor 1879



1879R/K4 € 61,50 1 018790504

## 1879/FUEL

manual operation fluid extractor, 6 l  
for use with hydrocarbons



1879/FUEL 6 € 138,00 1 018790010

## 1880

manual oil barrel pump

- for oil
- do not use with aqueous fluids, acid solvents, Diesel oil, petrol and the like
- complete with barrel connection, telescopic tube and delivery spout
- for use with 60, 100 and 200 l barrels



1880 gr 240 € 60,00 1 018800001

## 1880ADB

rotary AdBlue® pump

- 5 litres supplied every twenty turns
- drum extensions up to 1.20 m
- 1 fine-pitch drum coupling, fine pitch
- 1 coarse-pitch drum coupling



1880ADB € 139,50 1 018800101

## 1881

pneumatic barrel pump, ratio 3:1

CE



1881 l/min 18 € 511,00 1 018810001

## 1882

oil gun with flexible end and automatic drip catcher

- 1/2"
- Maximum delivery rate: 65 l/min
- Maximum operating pressure: 100 bar
- Lockable delivery lever



1882 € 154,00 1 018820010

## 1883

digital litre counter for oil

- 1/2"
- Shockproof rubber coating
- Battery: 1 CR2 (included)
- Max. delivery rate: 0+35 l/min (0+9 gal/min)
- Max. pressure: 50 bar (750 psi)
- Viscosity: 8+5000 mPas
- Tolerance: ±0.5%

CE



1883 € 233,50 1 018830035

## 1883NC

male-male nipple, 1/2, for items 1882 and 1883



1883NC € 14,50 1 018830135



## 1884

oil filler tool  
for manual and automatic gearboxes and  
differentials

Complete with 12 adaptors for direct connection



1884 € 505,00 1 018840010

AT-101	FORD
AT-102	UNIVERSAL (Bmw, Honda, Nissan...)
AT-103	VW-AUDI
AT-104	VW-AUDI-PORSCHE
AT-105	VW-AUDI-MINI COOPER
AT-106	MERCEDES
AT-107	DSG
AT-108	VW-AUDI CVT
AT-109	VOLVO
AT-110	TOYOTA-LEXUS
AT-111	SKODA
AT-112	VW Passat/Tiguan <2007

## 1884/C12

case of adaptors for item 1884



1884/C12 € 187,00 1 018840100

## 1884N/C8

set of 8 adaptors for item 1884

set contents:

- 1 adapter for Infiniti, 7-speed, M8x1.0
- 1 adapter for Honda, Hyundai, Kia 5x8x200 mm
- 1 adapter for Skoda M18x1.5
- 1 adapter for Mini M14x1.5
- 1 adapter for Nissan M10x1.5
- 1 adapter for Nissan Juke M12x1.25
- 1 adapter for GM M12x1.75
- 1 adapter for VAG group vehicles, 7-gear



1884N/C8 € 122,50 1 018840200

200x145x40 mm - 400 g

## 1889

steel handling and storage base  
for 2 200-l barrels

- Completely hot painted with epoxy powder
- Easy to carry with a fork lift truck or a transpallet
- Support cannot be placed under any part



1889 € 841,00 1 018890200

## 1889CF

universal barrel opening wrench

- 1 female hexagon Ø 38 mm
- 1 4-sector profile Ø 42 mm
- 1 blade 17x7 mm



L mm 270 € 35,50 1 018890010

## 1885

automatic gearbox maintenance station

Allows entire washing cycle to be safely performed in all automatic transmissions, through a simple, guided procedure. Avoids damage from wear of oil in automatic gearbox, thereby easily and quickly preventing typical malfunctions, including: excessive gearbox noise, jammed gears, abruptly engaged gears, long gear shifting time.



CE



Functional specifications:

- Automatic operation
- Step-by-step guided procedure with integrated database
- Balancing quantity of injected oil with same quantity of exhausted oil, thereby making sure that system always contains proper quantity of oil
- Flow meter for visual inspection of oil quantity
- Printing records of each operation

Automatic specifications:

- Injecting solvent (optional)
- Washing gearbox system
- Emptying oil out of sump
- Emptying oil out of converter
- Injecting oil into converter

Technical specifications:

- Power supply: 220 V 50 Hz
- Backlit oil viewers with 2 white light LEDs
- 2 electronic balances
- Electronic balances, resolution +/- 10 g
- Electronic card with backlit graphic display

1885 € 8.940,00 1 018850010

 Beta

 Beta

## 1885/C1

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C1-R1 Land Rover Freelander transmission fittings
- 1885/C1-R2 DP0 transmission fitting
- 1885/C1-R3 ZF 9HP transmission fitting
- 1885/C1-R4 ZF 9HP transmission dipstick
- 1885/C1-R5 Mercedes transmission dipstick
- 1885/C1-R6 AISIN TG82 transmission fittings
- 1885/C1-R7 AISIN TG81 transmission fittings
- 1885/C1-R8 Renault-Nissan transmission fittings



1885/C1 € 770,00 1 018850110

## 1885/C1-R1

Land Rover Freelander transmission fittings for item 1885

Ic01430



1885/C1-R1 € 66,50 1 018850111

## 1885/C1-R2

DP0 transmission fitting for item 1885

Ic0990



1885/C1-R2 € 116,00 1 018850112

## 1885/C1-R3

ZF 9HP transmission fitting for item 1885

Ic0992



1885/C1-R3 € 129,50 1 018850113

## 1885/C1-R4

ZF 9HP transmission dipstick for item 1885

Ic0192



1885/C1-R4 € 72,00 1 018850114

## 1885/C1-R5

Mercedes transmission dipstick for item 1885

K-A-M



1885/C1-R5 € 119,50 1 018850115

## 1885/C1-R6

AISIN TG82 transmission fittings for item 1885

Ic01820



1885/C1-R6 € 128,00 1 018850116

## 1885/C1-R7

AISIN TG81 transmission fittings for item 1885

Ic0150



1885/C1-R7 € 128,00 1 018850117

## 1885/C1-R8

Renault-Nissan transmission fittings for item 1885

Ic02150



1885/C1-R8 € 128,00 1 018850118

## 1885/C2

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C2-R1 Audi 8HP transmission fittings
- 1885/C2-R2 ZF 9HP transmission fittings without exchanger
- 1885/C2-R3 Audi 0KC transmission fitting
- 1885/C2-R4 AG4-ZF 4HP transmission fittings
- 1885/C2-R5 FIAT transmission fittings
- 1885/C2-R6 Audi Q5-Q7 transmission fittings
- 1885/C2-R7 Audi 0B5 transmission fitting



1885/C2 € 626,00 1 018850120

## 1885/C2-R1

Audi 8HP transmission fittings for item 1885

Ic0993



1885/C2-R1 € 125,50 1 018850121

## 1885/C2-R2

ZF 9HP transmission fittings without exchanger for item 1885

Ic0860



1885/C2-R2 € 82,00 1 018850122

## 1885/C2-R3

Audi 0KC transmission fitting for item 1885

Ic02020



1885/C2-R3 € 128,00 1 018850123

## 1885/C2-R4

AG4-ZF 4HP transmission fittings for item 1885

Ic0750



1885/C2-R4 € 110,50 1 018850124

## 1885/C2-R5

FIAT transmission fittings for item 1885

Ic0061



1885/C2-R5 € 48,50 1 018850125

## 1885/C2-R6

Audi Q5-Q7 transmission fittings for item 1885

Ic0680



1885/C2-R6 € 119,50 1 018850126

### 1885/C2-R7

Audi 0B5 transmission fitting for item 1885

Ic01720



1885/C2-R7 € 72,00 1 018850127

### 1885/C3

automatic transmission fittings kit for item 1885

Kit contents:

- 1885/C3-R1 Mercedes DSG transmission fitting
- 1885/C3-R2 POWERSHIFT transmission fitting
- 1885/C3-R3 Toyota IQ transmission fittings
- 1885/C3-R4 Mazda transmission fittings
- 1885/C3-R5 Renault Laguna-Esp transmission fittings
- 1885/C3-R6 Nissan Juke transmission fittings
- 1885/C3-R7 AISIN TF71 FV transmission fittings
- 1885/C3-R8 AISIN TF71 FP transmission fittings
- 1885/C3-R9 AISIN TF71 FO transmission fittings
- 1885/C3-R10 AISIN TF71 FS transmission fittings



1885/C3 € 1.105,00 1 018850130

### 1885/C3-R1

Mercedes DSG fitting for item 1885

Ic0191



1885/C3-R1 € 128,00 1 018850131

### 1885/C3-R2

POWERSHIFT transmission fitting for item 1885

Ic0190



1885/C3-R2 € 128,00 1 018850132

### 1885/C3-R3

Toyota IQ transmission fittings for item 1885

Ic0991



1885/C3-R3 € 128,00 1 018850133

### 1885/C3-R4

Mazda transmission fittings for item 1885

Ic02130



1885/C3-R4 € 128,00 1 018850134

### 1885/C3-R5

Renault Laguna-Esp transmission fittings for item 1885

Ic02150



1885/C3-R5 € 128,00 1 018850135

### 1885/C3-R6

Nissan Juke transmission fittings for item 1885

Ic02140



1885/C3-R6 € 128,00 1 018850136

### 1885/C3-R7

AISIN TF71 FV transmission fittings for item 1885

Ic01420



1885/C3-R7 € 128,00 1 018850137

### 1885/C3-R8

AISIN TF71 FP transmission fittings for item 1885

Ic001420/1



1885/C3-R8 € 128,00 1 018850138

### 1885/C3-R9

AISIN TF71 FO transmission fittings for item 1885

Ic001420/2



1885/C3-R9 € 128,00 1 018850139

### 1885/C3-R10

AISIN TF71 FS transmission fittings for item 1885

Ic001420/3



1885/C3-R10 € 128,00 1 018850140

### 1885/XC60

Volvo XC60 transmission fittings for item 1885



1885/XC60 € 137,50 1 018850151

### 1893/134A

automatic charging station for R134a gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs.

Database can be updated via software.

Machine can be operated in both manual mode (provided it is controlled by a human operator step by step)

and in fully automatic mode (without requiring a human operator).



CE



R134A (250 ml)

#### FUNCTIONAL SPECIFICATIONS

- Automatic operation
- Car/lorry database with gas quantities and compressor oil quantities and types
- Automatic gas recovery from pipe
- Compensation of recharged quantity of gas in pipes
- Automatic discharge of noncondensable gases
- Automatic reporting of defects and required maintenance jobs
- Gauges, ø 80 mm
- Digital vacuummeter

#### TECHNICAL SPECIFICATIONS

- Gas tank: 15 kg
- Vacuum pump: 75 l/min
- Electronic balance: 50 kg
- Electronic card with backlit display
- Recovery rate: 500 rpm
- Power supply: 220 V

1893/134A € 6.500,00 1 018930001



## 1893/1234YF

automatic charging station for R1234yf gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs.  
Database can be updated via software.  
Machine can be operated in both manual mode (provided it is controlled by a human operator step by step) and in fully automatic mode (without requiring a human operator).



CE



1234YF (250 ml)

### FUNCTIONAL SPECIFICATIONS

Automatic operation  
Car/lorry database with gas quantities and compressor oil quantities and types  
Automatic gas recovery from pipe  
Compensation of recharged quantity of gas in pipes  
Automatic discharge of noncondensable gases  
Automatic reporting of defects and required maintenance jobs  
Gauges,  $\varnothing$  80 mm  
Digital vacuummeter

### TECHNICAL SPECIFICATIONS

Gas tank: 15 kg  
Vacuum pump: 75 l/min  
Electronic balance: 50 kg  
Electronic card with backlit display  
Recovery rate: 500 rpm  
Power supply: 220 V

1893/1234YF € 6.710,00 1 018930012

## 1893TR/134A

R134a gas tracer



1893TR/134A ml 250 € 45,50 1 018930901

## 1893TR/1234YF

R1234yf gas tracer



1893TR/1234YF ml 250 € 52,00 1 018930902

## 1893TR/CI

hybrid compressor tracer



1893TR/CI ml 250 € 54,00 1 018930903

## 1895G

control generator for (petrol and LPG) electro-injectors and solenoid valves

Makes it possible to autonomously test efficiency of such parts as:

- EGR solenoid valves
- electro-injectors of petrol and LPG engines
- solenoid valves for variable-geometry turbine adjustment
- compressors for new-generation air conditioners



CE

### Benefits:

- Makes it possible to understand whether part is working mechanically
- Combined with ultrasonic cleaning tanks, it allows more efficient cleaning of parts, electronically controlling part during washing phase
- Essential for air conditioner testing, to check whether compressor and its control valve are efficient

### Specifications

#### Petrol and LPG injector control:

- Number of outlets: 4
- Test duration: 1-60 s
- Operating time: 5-10 ms
- Impulse frequency range: 1-10 Hz

#### PWM device control:

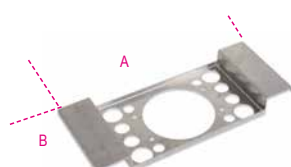
- Number of outlets: 1
- Test duration: 1-60 min
- Automatic or manual
- Duty cycle adjustment: 10%-85%
- Signal frequency regulation: 120-250 Hz

1895G € 1.940,00 1 018950800

## 1895/S

adjustable support for ultrasonic cleaning tanks 1895

Allows injectors to be correctly placed during washing in ultrasonic cleaning tank



1895/S A mm 340 B mm 140 € 115,00 1 018950501

## 1895 6

ultrasonic cleaning tank, 6 l

with special degas function



CE

### Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

### Technical Data

- Tank capacity: 6 l
- Drain tap
- Power: 150 W
- Heating power: 300 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 330x180x310 mm
- Tank dimensions: 300x155x150 mm
- Basket dimensions: 250x105x100 mm
- Maximum capacity: 5.5 kg

1895 6 Max 5,5 € 749,00 1 018950060

## 1895 13

ultrasonic cleaning tank, 13 l

with special degas function



CE

### Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

### Technical Data:

- Tank capacity: 13 l
- Drain tap
- Power: 300 W
- Heating power: 400 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 350x325x320 mm
- Tank dimensions: 325x235x145 mm
- Basket dimensions: 257x185x100 mm
- Maximum capacity: 12 kg

1895 13 Max 12 € 1.161,00 1 018950130

## 1895 27

ultrasonic cleaning tank,  
27 l

with special degas function



CE

### Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent solutions specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

### Technical Data:

- Tank capacity: 27 l
- Drain tap
- Power: 500 W
- Heating power: 500 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Dimensions: 530x330x380 mm

1895 27 Max 25 € 1.615,00 1 018950270

## 1895/RC

rack for ultrasonic tanks 1895



	L	L1	A	€		
	mm	mm	mm			
1895/RC6	250	105	100	47,50	1	018950506
1895/RC13	257	185	100	75,00	1	018950513
1895/RC27	450	250	150	126,00	1	018950527

## 9881U



9881U 1 (1-2) 526  
9881U 1 (3) 526

## 9882R



9882R 1 (1-2) 526  
9882R 1 (3) 526

## 1897

professional bench sander

Particularly recommended for surface finishing jobs on several materials (metal, plastic, glass, ceramic, wood etc.). The cabin is made from properly reinforced sheet steel which results in unparalleled sturdiness and firmness.

The cabin is equipped with the following:

- loading door with magnet closure
- perforated sheet metal top
- standard connection for vacuum cleaners, ø 36 mm
- protective polycarbonate viewing window, 6 mm
- LED lamp
- pneumatic circuit (compressed air inlet)
- sanding gun with trigger operation



CE

### TECHNICAL DATA

Useful dimensions of cabin: 600x520x320 mm  
Overall dimensions: 660x530x500 mm  
Weight: 38 kg  
Worktop: perforated sheet metal  
Lighting: LED  
Air consumption: 340 l/min at 7 atm  
Power supply: 220 V - 50 Hz

1897 € 3.600,00 1 018970066

## 1897/CRB

corundum for sander 1897 in 25 kg bag



1897/CRB € 180,50 1 018970101

## 1897/G

garnet for sander 1897 in 25 kg bag



1897/G € 145,00 1 018970104

## 1897/MV

glass microspheres for sander 1897 in 25 kg bag



1897/MV € 238,50 1 018970103

## 1898/K40

Eco friendly, heated manual  
cleaning tank

- Using the bio-active liquid included, oil and residue can be effectively removed from mechanical parts without the need for aggressive chemicals
- The bio-active liquid converts the oil and other residue into carbon dioxide and water which can be re-used again and again
- no need for specialist waste collection and disposal
- suitable for both metal and plastic parts



CE

### Equipment:

- Long bristle brush and connecting pipe
- Right-hand and left-hand operation function
- Perforated stainless steel grid
- Wheels with brakes
- Card with display operating temperature and low level alert

### Accessories Included:

- 2 20 l cans of environmentally friendly liquid detergent and 2 packs of bacteria
- 2 packs of bio-active liquid

### Technical data:

- Max. pump capacity: 10 li/min
- Tank capacity: 40 l
- Operating temperature: +5 °C + +40 °C
- Dimensions: 900 x 1000 x 750 mm
- Weight: 50 kg (when empty)

### Attention:

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France, Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/K40 € 4.790,00 1 018980004

### ATTENTION

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France (from 2021), Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

## 1898/B

bottle of bacteria, 400 ml  
for part cleaning tank 1898/K40



1898/B € 98,50 1 018980904

### CAUTION:

Countries where item 1898/B is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

## 1898/D

tank of environmentally friendly detergent liquid,  
20 l, for part cleaning tank 1898/K40



1898/D € 196,00 1 018980920

### CAUTION:

Countries where item 1898/D is allowed to be distributed:  
Austria, Belgium, France, Italy, Netherlands, Poland,  
Portugal, United Kingdom, Spain, Hungary

## 1898/M

pressure sprayer  
with 2 l tank

- adjustable nozzle with straight jet and mist spray
- graduated scale (0.5 l - 1 l - 1.5 l - 2 l)
- locking lever for continuous jet
- not for use with hydrocarbons



H mm | € 15,90 1 018980930

## 1898/S

hand pressure pump  
with 5 l tank

- stainless steel nozzle
- locking lever for continuous jet
- adjustable nozzle with straight jet and mist spray
- shoulder strap for ease of transport
- nozzle hook-up handle
- 1.2-m-long hose
- not for use with hydrocarbons



H mm | € 27,50 1 018980932

## 1899A

DPF/FAP® system cleaning machine

Special detergents can be used to periodically clean and restore DPF and FAP® systems damaged by soot and ash deposits.



### Supplied with:

- 1 2-m-long feed pipe
- 1 quick coupler + hose nozzle for differential sensor hoses
- 1 niplex M18x1.5 with hose nozzle for direct connection to lambda probe
- 1 extension hose
- 1 DPF/FAP® spray nozzle
- 1 magnetic pipe support
- 1 DPF/FAP® pipe with adjustment cable gland plus niplex M14/16/18 mm for connecting lambda probes

### Technical specifications:

- Operating voltage: 12 V
- Power supply cord length: 3.9 m
- Tank capacity: 1 l

1899A € 1.305,00 1 018990010

## 1899SI

2-in-1 machine for cleaning injectors and intake manifold

special detergents can be used to periodically clean the injectors and the intake manifold in diesel and petrol engines, removing carbonaceous deposits and combustion residues



### Specifications:

- Operating voltage: 12 V
- 2 service hoses with quick couplers
- 2 tanks (capacity: 1 l each)

1899SI € 4.890,00 1 018990030

## 2080/VG

ABS organizer tool case with swivel trays

- With upper small parts organizer (145 mm in diameter) and 4 swivel trays:
  - 1 tray 305 mm in diameter
  - 3 trays 445 mm in diameter
- Supplied complete with 12 partitions for use in 3 larger swivel trays, to obtain up to 8 compartments per level



2080/VG € 179,00 1 020800100  
445x445x550 mm - 3,4 kg

## 2250-0

heavy duty swivel creeper seat with tray



2250-0 € 113,50 1 022500011

## 2252

seat with castors



2252-G € 190,50 1 022520002

## 2252KR4

spare seat castors 2252



2252KR4 € 64,00 1 022520900

**Beta**  
Quality Tools



## 2258-0

heavy duty creeper with tool chest



2258-0 € 196,00 1 022580011  
NOT AVAILABLE IN THE USA, CANADA AND MEXICO

## 2254A

car covers, for outdoor use, water-repellent and UV-resistant

These covers are ideal for protecting damaged vehicles while waiting to be repaired

### Technical specifications

- exterior finish with UV protection treatment
- soft, nonscratch interior finish
- 6 adjustment strings for making cover fit close to car
- 2 front door zips to allow access to vehicle without having to remove cover
- mirror seats
- reflecting



- 3 versions:
- Size M recommended for compact cars
  - Size L recommended for saloon cars and station wagons
  - Size XL recommended for SUVs

	LxPxH mm	€		
/M	4400x1450 x1300	159,50	1	022540002
/L	5300x1450x1150	178,50	1	022540000
/XL	4700x1450x1580	163,50	1	022540001

## 2254C

suction cup protector for vehicles' bodies

Made of plastic-coated fabric, with 4 suction cups on top side



2254C € 52,00 1 022540200

## 2254F

car front protector

Allows front part of vehicle to be protected, while leaving openings for headlights and radiator



- Waterproof
- Resistant to oil and grease
- Strap fixing
- Material: 98% polyamide/nylon, 2% polyurethane

2254F € 89,00 1 022540150

## 2254K

reusable seat, steering wheel and gear knob protector

Suits most car seats, steering wheels and gear knobs



2254K € 30,50 1 022540101

## 2254SM

creeper mat, made of EVA

Double finish:

- 1 side in soft EVA
- 1 side in hard carbon look for improved slip performance



2254SM € 70,50 1 022540033

## 2254T

kneeling pad

made from non-slip EVA foam



2254T € 31,00 1 022540047

## 3000L

creeper

- PVC lining with upholstered foamed rubber designed for remarkable comfort

### ADJUSTABLE HEAD-REST BY PROGRESSIVE AIR SPRING



3000L € 180,50 1 030000210

## 3000L/RLS

spare creeper castors



3000L/RLS € 13,10 6 030000212

## 3002

creeper and seat

- Steel frame
- PVC lining with upholstery
- Easily convertible into a creeper or a seat



3002 € 119,50 1 030020001

## 3002/RLS

6 spare wheels for creeper 3002



3002/RLS € 31,00 1 030020501

### 3003

creeper  
made of shockproof plastic

- Wheel Ø: 76 mm



3003 € 93,00 1 030030001

### 3003/RLS

6 spare wheels for creeper 3003



3003/RLS € 48,50 1 030030501

### 3003C

creeper made of shockproof plastic

- Complete with:
- head and lumbar region with carbon look finish
  - upper metal plates for fixing magnetic accessories
  - 6 rubber castors, 79 mm in diameter
  - Max. capacity: 120 kg
  - Weight: 5.5 kg



3003C € 252,00 1 030030100

### 3003C/RLS

6 spare wheels for creeper 3003C



3003C/RLS € 101,00 1 030030600

### 3003PRO

creeper made of shockproof plastic

- Complete with:
- ergonomic head cushion
  - soft back protector
  - 2 178 mm double bearing castors for trouble-free use on uneven surfaces and pipes/cables
  - 1 castor
  - double height adjustment from the ground: 38 or 76 mm
  - 2 portable LED lamps (250 lumens) with fixing magnets
  - load capacity: 200 kg
  - weight: 7.7 kg



C max	H min	H Max	H1	€	1	030030150
200	170	230	230	354,00	1	030030150

### 3003PRO/SP

wall-mounted plastic support for creeper 3003PRO

can be mounted to walls, bridge jacks, chests of drawers or other equipment, thereby allowing creeper to be fixed through a quick system with safety closure.



3003PRO/SP € 94,50 1 030030151

### 3003PRO/PM

magnetic tool holder, round, for creeper item 3003PRO

can be applied to wheel rims of creeper to retain small items during jobs



3003PRO/PM € 10,10 1 030030152

### 3003PRO/RCR

spare rear wheels for creeper 3003PRO, pair



3003PRO/RCR € 75,00 1 030030650

### 3003PRO/RRG

spare front castor for creeper 3003PRO



3003PRO/RRG € 23,40 1 030030651

### 3003PRO/RT

LED inspection lamp with spare magnets for creeper 3003PRO

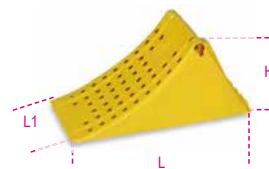
- 250 lumens
- Batteries: 4xAAA (not included)



3003PRO/RT € 17,00 1 030030652

### 3004

wheel stop wedge



3004	H mm	L mm	L1 mm	€	1	030040000
3004	225	475	200	35,00	1	030040000



## VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

### The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1438 to 1499 items 1758VT to 1760TMC
<b>Engine</b>	items 955 to 989A items 1438 to 1499
<b>Oil and filters</b>	items 1438 to 1499 items 1877 to 1885
<b>Electric system</b>	items 1438 to 1499
<b>Starters</b>	items 1498BC/12 to 1498/40A
<b>Transmission</b>	items 1438 to 1499
<b>Suspension</b>	items 1549 to 1569CP
<b>Brakes</b>	items 1438 to 1499
<b>Wheels</b>	items 955 to 989A
<b>Body work</b>	items 1302 to 1369 items 1763 to 1767A
<b>Other equipment</b>	items 1878 to 3067
<b>Jacks</b>	items 3029/2T to 3067/70-13T



### 3006 jack and positioner for tractor and excavator wheels

- max. capacity: 1,500 kg
- min. wheel diameter: 1,000 mm
- max. wheel diameter: 2,200 mm
- max. wheel thickness: 800 mm

CE



3006 € 1.900,00 1 030060000

### 3006 R/RGF spare castor with brake for wheel jack and positioner 3006



3006 R/RGF € 73,00 1 030060501

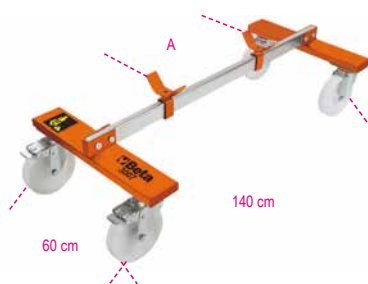
### 3006 R/RG spare castor for wheel jack and positioner 3006



3006 R/RG € 63,50 1 030060502

### 3007 underbody trolley for vehicles without forecarriage / rear axle

- Allows vehicles without forecarriage or rear axle to be easily handled while working
- 4 pivoting wheels, including 2 with brakes, suitable for use in painting furnaces
  - 2 sliding supports to fit all chassis
  - max. capacity: 800 kg



3007 A Max mm 110 € 665,00 1 030070001

### 3007 R/RGF spare castor with brake for vehicle underbody trolley 3007



3007 R/RGF € 113,00 1 030070501

### 3007 R/RG spare castor for vehicle underbody 3007



3007 R/RG € 98,50 1 030070502

### 3008 jack and positioner for single and twin truck wheels

- max. capacity: 700 kg
- min. height: 140 mm
- max. height: 660 mm
- distance between rollers: 470÷740 mm
- hydraulic overloading safety device
- front pivoting wheels

CE



3008 € 3.230,00 1 030080100

### 3009 wheel lifter

- Maximum lifting capacity: 550 kg  
4 pivoting rollers  
Roller width: 200 mm  
For wheels up to 240 mm in width



3009 A B € 448,00 1 030090001  
400÷850 mm 600 mm



## 3009R/GR4

4-wheel groups for trolleys 3009 R/GR4



3009R/GR4	€ 182,50	1	030090501
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## 3010/T...

jack stands, pair



C max	H min	H max	H1	L	L1
kg	mm	mm	mm	mm	mm
2000	280	425	245	185	165

3010T 2	€ 105,50	1	030100002
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C max	H min	H max	H1	L	L1
kg	mm	mm	mm	mm	mm
3000	285	430	250	180	195

3010T 3	€ 125,00	1	030100003
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C max	H min	H max	H1	L	L1
kg	mm	mm	mm	mm	mm
6000	400	580	340	245	280

3010T 6	€ 181,50	1	030100006
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C max	H min	H max	H1	L	L1
kg	mm	mm	mm	mm	mm
10000	471	735	420	330	290

3010T 10	€ 313,00	1	030100010
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## 3011/T

hydraulic bottle jacks

CE



C max	H min	H Max	L
kg	mm	mm	mm
3500	170	366	86

3011T 3,5	€ 105,50	1	030110035
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C max	H min	H Max	L
kg	mm	mm	mm
5000	203	467	118

3011T 5	€ 118,50	1	030110050
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C max	H min	H Max	L
kg	mm	mm	mm
10000	220	484	114

3011T 10	€ 177,00	1	030110100
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C max	H min	H Max	L
kg	mm	mm	mm
15000	230	497	113

3011T 15	€ 217,00	1	030110150
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C max	H min	H Max	L
kg	mm	mm	mm
20.000	245	521	115

3011T 20	€ 311,00	1	030110200
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## 3010H

heavy-duty jack stands



C Max	H min	H Max	L	L1
kg	mm	mm	mm	mm
15.000	445	631	300	300

3010H 750	€ 339,00	1	030100150
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C Max	H min	H Max	L	L1
kg	mm	mm	mm	mm
15.000	645	1077	300	300

3010H 1100	€ 425,00	1	030100165
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## 3010V

heavy-duty jack stands,  
screw adjustable



C Max	H min	H Max	L	L1
kg	mm	mm	mm	mm
20.000	410	600	330	330

3010V 680	€ 493,00	1	030100200
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C Max	H min	H max	L	L1
kg	mm	mm	mm	mm
20.000	665	1090	460	460

3010V 1170	€ 627,00	1	030100220
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## 3012

engine brackets



L	C max	€	1	030120010
mm	kg			
1500	500	322,00	1	030120010
1800	400	437,00	1	030120018

## 3012C

lower engine bracket

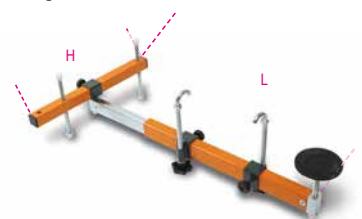
ideal for cars and commercial vehicles



3012C	€ 851,00	1	030120255
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## 3012I

lower engine bracket



3012I	L	H	€	1	030120250
	mm	mm			
	630-960	190	755,00	1	030120250

# Beta

# Beta

Quality Tools

**3014**  
engine stand



3014 € 406,00 1 030140010

**3014R/GR5**  
5 spare wheels for engine stand 3014



3014R/GR5 € 101,50 1 030140501

**3014 SAR**  
folding engine stand

- Easy to fold up, for significantly increased compactness
  - Allows 360° rotation of engine or gear
  - Provides unparalleled safety and stability during jobs
- Maximum capacity: 450 kg



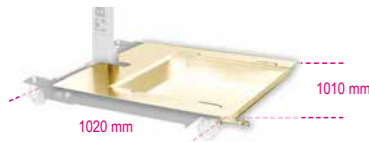
3014SAR € 1.485,00 1 030140360

**3014SAR/RR**  
4 spare wheels for engine stand 3014SAR



3014SAR/RR € 163,00 1 030140370

**3014SAR/1**  
fluid collection tank  
for item 3014 SAR



3014SAR/1 € 436,00 1 030140361  
1020x1010x11 mm

**3014SAR/2**  
clamp for fixing transmission gear on stand  
item 3014 SAR



3014SAR/2 € 420,00 1 030140362

**3023**  
pit and under bridge jack  
with screw adjustment

maximum carrying capacity: 400 kg



3023	H min	H Max	Ø	€	1	030230050
	1350	2030	300	224,00	1	030230050

**3025**  
folding hydraulic crane with dual effect pump

Maximum capacity: 1 t



H	P	L	L1	€	1	030250001
mm	mm	mm	mm	2.015,00	1	030250001
1650	1560	1000	835			

**3025/RF**  
2 spare fixed wheels for hydraulic crane 3025



3025/RF € 258,00 1 030250901

**3025/RG**  
2 spare swivel wheels for hydraulic crane 3025



3025/RG € 378,00 1 030250902

**3025/PF**  
barrel handling pliers  
Maximum capacity: 300 kg

CE



3025/PF	A mm	B mm	€	1	030250011
	550+640	70	321,00	1	030250011

**3026 0,3**  
hydraulic pit and under bridge jack

CE



H min	H Max	L	L1	Ø	€	1	030260003
mm	mm	mm	mm	mm	738,00	1	030260003
1120	1970	450	450	25			

### 3026/R0,3

4 spare swivel wheels for hydraulic jack 3026 0,3



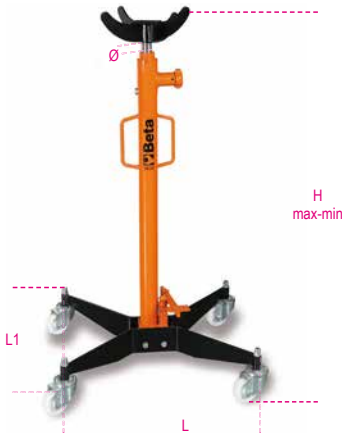
3026/R 0,3	€ 186,00	1	030260903
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### 3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg

CE



H min	H Max	L	L1	Ø	€	1	030260005
1140	1990	600	550	30	878,00	1	030260005

### 3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5



3026/R 0,5	€ 259,00	1	030260905
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### 3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t

CE



H min	H Max	L	L1	Ø	€	1	030260010
1140	1990	650	550	35	1.060,00	1	030260010

### 3026/R 1,0

4 spare swivel wheels for hydraulic jack item 3026 1,0



3026/R 1,0	€ 334,00	1	030260910
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### 3026/S

swivel transmission gear support with reduction bushes for jacks item 3026

Maximum capacity: 500 kg

CE



3026/S	€ 618,00	1	030260501
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### 3026/SP

universal transmission support

Allows one operator to disassemble and reassemble any transmissions of cars, commercial vehicles and off-rovers quickly and safely.

CE



3026/SP	€ 719,00	1	030260505
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### 3026/SA

wheel hub support for pit jacks

• for use for maintenance jobs relating to hubs, and during shock absorber replacement jobs  
• can be adapted to hydraulic pit jacks items 3026 0,3 and 3026 0,5



3026/SA	€ 150,00	1	030260510
Ø	30,4		

### 3026/SAM

shock absorber support for pit jacks

• for use for supporting shock absorber when suspension arm is removed  
• shock absorber bracket, max. diameter 80 mm, plus adapter for max. diameters 60 mm  
• can be adapted to hydraulic pit jacks items 3026 0.3 and 3026 0.5



3026/SAM	€ 194,00	1	030260515
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### 3027 10

hydraulic bench press with moving piston

Maximum capacity: 10 t

CE



3027 10	€ 1.780,00	1	030270010
Weight	90 kg		

### 3027 20

hydraulic press with moving piston 20 t

Maximum capacity: 20 t

CE



3027 20	€ 2.465,00	1	030270020
Weight	131 kg		



### 3027 30

hydraulic press with moving piston and hoist

Maximum capacity: 30 t

CE



3027 30 € 4.300,00 1 030270030

245 kg

### 3027 50

hydraulic press with moving piston and hoist

Maximum capacity: 50 t

CE



3027 50 € 5.880,00 1 030270050

368 kg

## PRESSES

Beta offers a comprehensive range of presses :

- namely series **3027**, recommended for intensive use, thanks to the first-rate materials and finish
- and series **3028**, which can boast an excellent quality/price ratio.

### 3027 100

motorized electro-hydraulic press with moving piston

technical specifications:

- maximum capacity: 100 t
- power supply: 380 V (three-phase)
- frequency: 50 Hz
- electric motor power: 1.5 kW
- double speed control unit
- operated by a lever distributor
- pallet lifting by means of chains



3027 100 € 17.500,00 1 030270100

980 kg

### 3027/KP

set of pin punches and plate for press item 3027



		€		
3027/KP10	3027 10	398,00	1	030270510
3027/KP20	3027 20	531,00	1	030270520
3027/KP30	3027 30	531,00	1	030270530
3027/KP50	3027 50	625,00	1	030270550
3027/KP100	3027 100	1.120,00	1	030270551

### 3027/KPP50

pedal control for hydraulic press item 3027 20-30-50



3027/KPP50 € 264,00 1 030270555

### 3027/PR

press supporting tool for removal/insertion of hubs, bearings and silent blocks

Universal system which allows user to mount/dismount hubs, bearings and silent blocks into/from their housings by operating under a press, through a supporting base and its accessories. Tool can adapt to irregular geometric shapes of hubs/king pins on which operator must work.



Technical Data:

- Working range: min. 130 mm - max. 186 mm
- Dimensions: 300 x 300 mm
- Weight: 13 kg
- Max. load-bearing capacity: 20 t

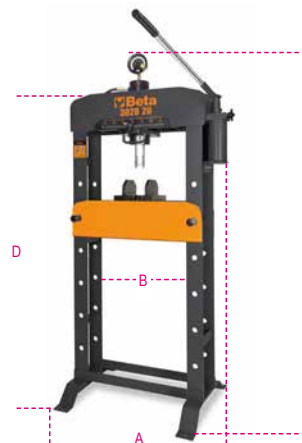
3027/PR € 661,00 1 030270400

### 3028 20

hydraulic press with moving piston

maximum capacity: 20 t  
vertically adjustable top  
sliding piston

CE



A mm 850 B mm 540 C mm 1830 D mm 1602 € 1.590,00 1 030280020

### 3028SP/20

protective screen for presses 3028 20



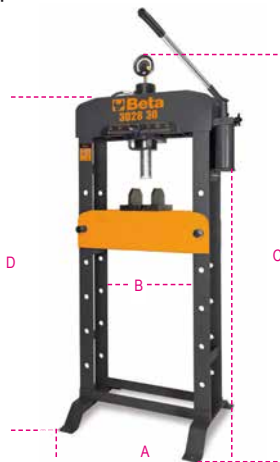
3028SP/20 € 178,00 1 030280021

### 3028 30

hydraulic press with moving piston

maximum capacity: 30 t  
vertically adjustable top  
sliding piston

CE



A	B	C	D	€	1	030280030
mm	mm	mm	mm			
850	540	1850	1650	2.215,00	1	030280030

### 3028SP/30

protective screen  
for presses 3028 30



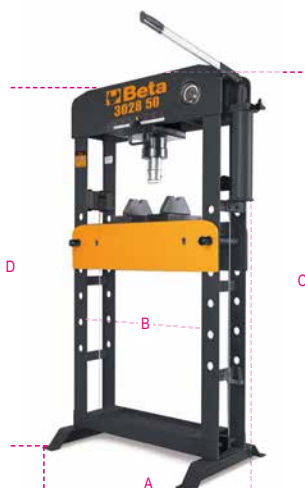
3028SP/30	€	1	030280031
	178,00	1	030280031

### 3028 50

hydraulic press with moving piston and hoist

maximum capacity: 50 t  
vertical top adjustment through hoist  
sliding piston

CE



A	B	C	E	€	1	030280050
mm	mm	mm	mm			
1100	750	1850	820	3.880,00	1	030280050

### 3028SP/50

protective screen  
for presses 3028 50



3028SP/50	€	1	030280051
	188,50	1	030280051

### 3029/2T

lowered hydraulic jack, 2 t, with 4 wheels

- Quick approach pedal
- Steel frame and nylon wheels
- Minimum height: 75 mm

CE



3029/2T	€	1	030290020
	445,00	1	030290020

### 3029L/2T

long, lowered jack, 2 t

Makes it possible to work on vehicles with reduced height  
from the ground and internal lifting point

- Controlled descent speed
- Quick approach pedal
- Nylon wheels

CE



3029L/2T	€	1	030290120
	515,00	1	030290120

### 3029/2T-L/RP

spare 85-mm rubber plate for items  
3029/2T and 3029L/2T



3029/2T-L/RP	€	1	030290502
	17,40	1	030290502

### 3029/2T-L/R6

spare rear wheel  
for items 3029/2T, 3029L/2T, 3030H/2T,  
3033E/3T



3029/2T-L/R6	€	1	030290506
	56,50	1	030290506

### 3029/2T-L/R5

spare front wheel for  
jacks item 3029/2T and item 3029L/2T



3029/2T-L/R5	€	1	030290505
	52,50	1	030290505

### 3030/2T

lowered car jack, 2 t  
with 6 wheels

- dual front tilting wheels made of plastic material (PTFE)
- car jack can be easily handled on uneven, irregular floors
- maximum capacity: 2 tons

CE



3030/2T	€	1	030300020
	846,00	1	030300020

43 kg

### 3030/2T-R5

front wheel with pin for jack 3030 2T



3030 2T/R5	€	1	030300505
	29,50	1	030300505

### 3030/2T-R6

spare rear wheel for item 3030/2T



3030 2T/R6	€	1	030300506
	46,00	1	030300506

### 3030/2TRP

spare 85-mm rubber plate  
for item 3030/2T



3030/2TRP € 6,00 5 030300501

### 3030H/2T

high-lift hydraulic jack,  
2 t, with 6 wheels

makes it possible to work on vehicles that are high from the ground and have a long shock absorber travel • controlled descent speed  
• quick approach pedal  
• nylon wheels

CE



H min-Max mm	L mm	L1 mm	€	1	030300220
85+780	1010	300	708,00	1	030300220

### 3033/3T

hydraulic jack, 3t  
long version

- For use on commercial vehicles
- Maximum capacity: 3 t
- Polyamide wheels

CE



3033/3T € 1.119,00 1 030330030

### 3033E/3T

hydraulic jack,  
3 t

- controlled descent speed
- nylon wheels

CE



H min-Max mm	L mm	L1 mm	€	1	030330130
95+515	700	370	415,00	1	030330130

### 3033S 3T/R2

spare front wheel  
for jack 3033E/3T



3033S 3T/R2 € 47,50 1 030330532

### 3035

tyre trolley

- 2 castors Ø 260 mm
- 2 castors Ø 125 mm
- Maximum carrying capacity: 200 kg
- Forks can be adjusted in 2 positions:  
first position: maximum opening 880 mm  
second position: maximum opening 980 mm
- Can be used as a top by locking position horizontally

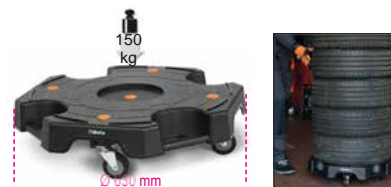


3035 € 1.020,00 1 030350100

### 3036

wheel handling base

Non-marking rubber castors



3036 € 120,50 1 030360063

### 3061/2T

air hydraulic jack, 2 tons - 2 stages

CE



Fitted with:

- high-resistance three-layer diaphragm and internal telescopic guide
- end-of-stroke stop and overloading safety valve
- can also be used on auto lifts

TECHNICAL DATA

capacity: 2 t  
weight: 14 kg  
power supply pressure: 8-10 bar  
height: min.132 - max. 326 mm

3061/2T € 948,00 1 030610020

### 3061/2T-P50

50-mm extension for item 3061/2T



3061/2T P50 € 80,50 1 030610021

### 3061/2T-P100

100-mm extension for item 3061/2T



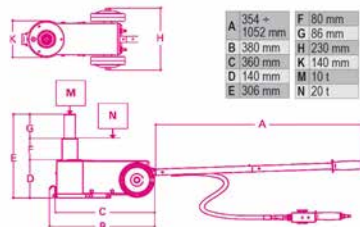
3061/2T P100 € 108,00 1 030610022



### 3065/20-10T

air hydraulic jack, 20-10 t,  
with case

Portable and lightweight, ideal for road assistance operations



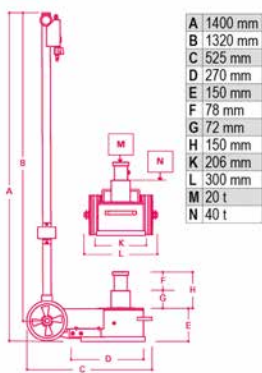
- Supplied with two extensions, 75 and 60 mm long

TECHNICAL DATA  
capacity: 20-10 t  
weight: 23 kg  
power supply pressure: 8-10 bar  
air consumption: 400 l/min

3065/20-10T € 2.800,00 1 030650100

### 3065/40-20T

air hydraulic jack, 40/20 tons



- suitable for use on heavy vehicles
- functional and easy to handle, for transportation on mobile repair shops as well
- automatic piston return
- two descent valves with under load speed control

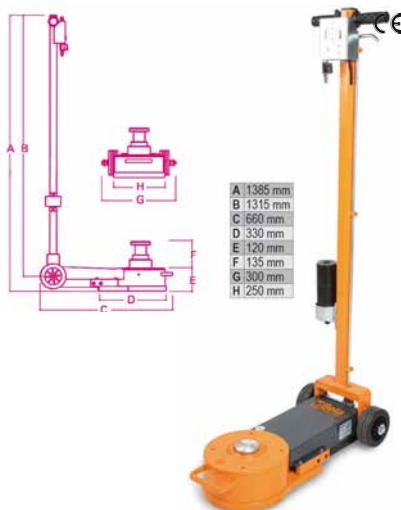
TECHNICAL DATA  
capacity: 40/20 tons  
weight: 39 kg  
power supply pressure: 8-10 bar  
air consumption: 400 l/min

3065/40 20T € 3.180,00 1 030650200

### 3067/60-15T

air hydraulic jack, 60-30-15 t

With a minimum height of no more than 120 mm,  
it is particularly suitable for use on buses, coaches and public  
means of transport



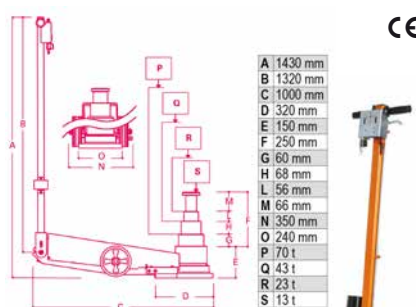
- Automatic piston return
- Two descent valves with under load speed control
- supplied with two extensions, 70 and 120 mm long

TECHNICAL DATA  
capacity: 60-30-15 t  
weight: 56 kg  
power supply pressure: 8-10 bar  
air consumption: 600 l/min

3067/60-30-15T € 4.640,00 1 030670120

### 3067/70-13T

air hydraulic jack, 70-43-23-13 t



- Long version, suitable for use on lorries, articulated vehicles, buses and coaches, and agricultural machines
- automatic piston return
- two descent valves with under load speed control

TECHNICAL DATA  
capacity: 70-43-23-13 tons  
weight: 74 kg  
power supply pressure: 8-10 bar  
air consumption: 600 l/min

3067/70 13T € 5.850,00 1 030670130

# Beta





# MOTORCYCLE TOOLS

Beta's products are synonymous with unparalleled quality and reliability, as the result of eighty years of experience and tradition.

Our products are regularly updated, their quality being highly appreciated by the engineers and mechanics of the best racing teams in the Road Racing World Championship Grand Prix, Superbike World Championship, Motocross World Championship and World Enduro Championship.



### 3040C

rear motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes V-shaped sliders, pair
- Includes L-shaped sliders, pair



3040C € 83,00 1 030400002

### 3040C/S1

V-shaped sliders, pair, for item 3040C



3040C/S1 € 13,10 1 030400503

### 3040C/S2

rubber L-shaped sliders, pair, for item 3040C



3040C/S2 € 19,00 1 030400504

### 3041C

front motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes roller sliders, pair
- Includes cone-shaped sliders, pair



3041C € 77,50 1 030410002

### 3041C/12

roller sliders, pair, for item 3041C



3041C/12 € 18,30 1 030410512

### 3041C/16

cone-shaped sliders, for item 3041C



3041C/16 € 12,50 1 030410516

### 3042C

front stand for motorcycle steering pin

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes 8-pin kit Ø 13 - 15 - 15.5 - 17 - 19 - 20 - 21 - 27



3042C € 139,50 1 030420002

### 3043C

motorcycle stand with left single arm

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Optional pin



3043C € 102,00 1 030430002

### 3043C/ 41÷47

pin for item 3043C



	Ø mm	€		
3043C/41 Ducati	21,5 ÷ 25,5	23,30	1	030430551
3043C/42 KTM - Triumph	27,5	23,30	1	030430552
3043C/43 MV	42,5	25,50	1	030430553
3043C/44 Ducati	40,5	25,50	1	030430554
3043C/45 Honda	28,5	23,30	1	030430555
3043C/47 BMW	53,5	30,00	1	030430557

### 3047C

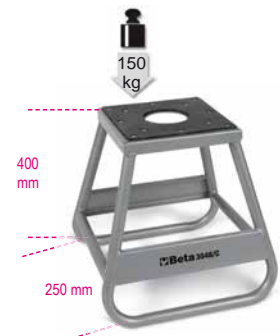
pedal stand for cross/enduro motorcycles



3047C € 64,50 1 030470002

### 3048C

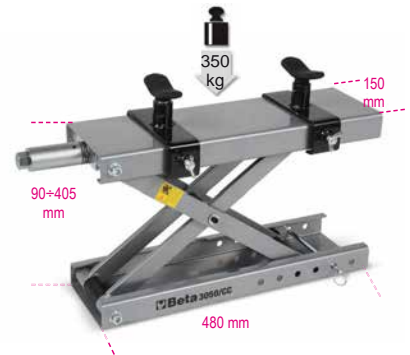
Steel racing cross stand



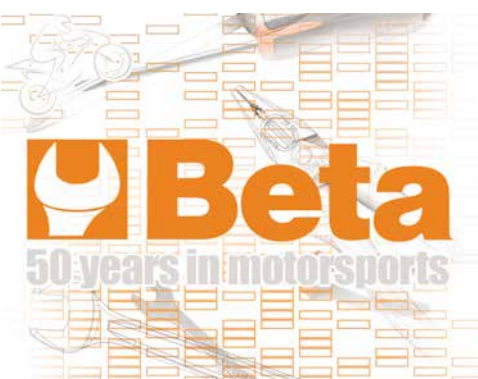
3048C € 64,50 1 030480002

### 3050/CC

chock cradle centre stand for Custom, Enduro, Cross, Scooter motorcycles includes adjustable support kit



3050/CC € 168,00 1 030500012





## 3050/600

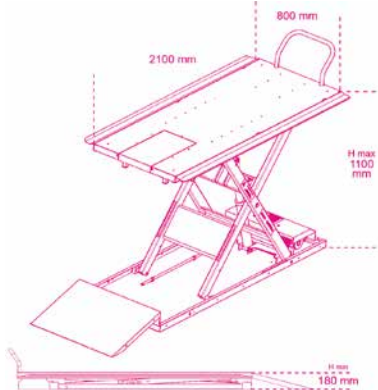
electro-hydraulic motorcycle jack,  
600 kg



CE



3050/O  
3050/G  
3050/R



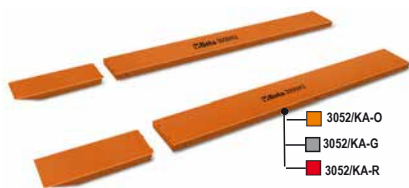
### Technical specifications:

- Electrical, mechanical and hydraulic safety devices
- Capacity: 600 kg
- Integrated electro-hydraulic unit: 230V - 50 Hz
- Hydraulic pump
- Controlled downward speed
- Safety fuses for protection in case of cable cuts
- Control push button panel
- CE-certified, TÜV-approved

	L	L	H min	H Max	€		
	mm	mm	mm	mm			
3050/O	975	2100	185	1110	5.660,00	1	030500201
3050/G	975	2100	185	1110	5.660,00	1	030500202
3050/R	975	2100	185	1110	5.660,00	1	030500203

## 3050/KA

widening kit for jack item 3050/600



3052/KA-O  
3052/KA-G  
3052/KA-R

	A	B	€		
	mm	mm			
3050/KA-O	107,5	2100	1.134,00	1	030500221
3050/KA-G	107,5	2100	1.134,00	1	030500222
3050/KA-R	107,5	2100	1.134,00	1	030500223

## 3050/MS

wheel clamp for jack item 3050/600



allows motorcycle front wheel to be locked to bridge



3050/MS	€		
	644,00	1	030500032

## 3050/MV

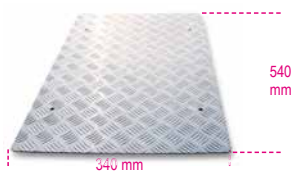
mechanical screw wheel clamp  
for jack 3050/600



3050/MV	€		
	1.075,00	1	030500034

## 3050/LA

non-slip sheet metal top  
for jack item 3050/600



3050/LA	€		
	116,00	1	030500062

## 9562T1

garage mat, 100X80 cm



particularly suitable for use under motorcycle tyre levers  
BETA 3071 and 3071B

- easy to clean, anti-skid rubber coated bottom



	L	H	€		
	cm	cm			
9562T1	100	80	89,00	1	095620150

## 9562T3

garage mat, 300x160 cm



- particularly suitable for use under motorcycle jacks

- protects floor from oil and petrol leaks, environmentally friendly

- easy to clean, anti-skid, rubber-coated bottom



	L	H	€		
	cm	cm			
9562T3	300	160	353,00	1	095620300

## 3054

moving base for central stand or motorcycle  
rear wheel  
with extension for side stand



3054	€		
	280,00	1	030540000

## 3055M

automatic van clamp



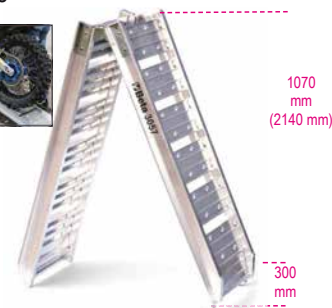
Allows motorcycle front wheel  
to be fixed



3055M	€		
	107,00	1	030550002

## 3057

aluminium ramp for loading/unloading  
motorcycles



3057	€		
	227,50	1	030570001

## 3070B

manual static balancer



- Allows wheel balancing both in the workshop and on racing tracks
- Equipped with rolling bearings, rabbet level and adjustable feet for unparalleled precision
- Comes with 2 hub cones

3070B	€		
	133,50	1	030700100

## 3070B/...

balancing rod  
for balancer 3070B



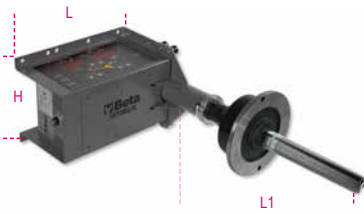
	Ø1	Ø2	€		
3070B/10	30	10	23,80	1	030700101
3070B/12	30	12	28,00	1	030700102
3070B/14	40	14	34,50	1	030700103

## 3070BE/K

electronic hand-spin wheel balancer, portable



balancing system with hand-spin microprocessor (without motor),  
for balancing iron or alloy car and motorcycle wheels



### Features:

- Compact and easy to carry, for use in garages, trucks or track pits
- Can be mounted to a workbench or a wall
- Software includes all unbalance correction programmes, reading of positions with adhesive weights (ALUS), weights hidden behind spokes (SPLIT) and unbalance optimization
- Can be used with swivel support BETA 3070BE/S (optional)

### Accessories supplied with wheel balancer:

- Flexible graduated ruler
- Ring nut with handwheel and 3 cones Ø 45 ÷ 110 mm

### Technical data:

- Power supply: 115-230V AC o 12-24V DC
- Max. absorbed power: 0.15 kW
- Balancing speed: 100 rpm
- Measurement uncertainty: 1 g
- Rim width: 1.5" ÷ 20" (40 ÷ 510 mm)
- Max. weight wheel: 75 kg

	€		
3070BE/K	3.350,00	1	030700250

## 3070BE/S

swivel support for portable electronic wheel  
balancer item 3070BE



allows wheel balancer to be fixed to a wall or a workbench,  
thereby resulting in reduced installation space



	L	L1	€		
	mm	mm			
3070BE/S	514	280	1.225,00	1	030700201

## 3070BE/F

universal motorcycle flange, Ø 40 mm,  
for item 3070BE



for use on wheels with central through-holes, Ø 15 ÷ 35 mm,  
and on flanged wheels with truing up to Ø 68 mm



	€		
3070BE/F	1.670,00	1	030700202

## 3070BE/B

kit of 8 motorcycle wheel truing sockets  
for item 3070BE



Designed to work on following diameters:  
28 - 25 - 22 - 20 - 19.05 - 17 - 16 - 15



	€		
3070BE/B	1.865,00	1	030700203

## 3071A

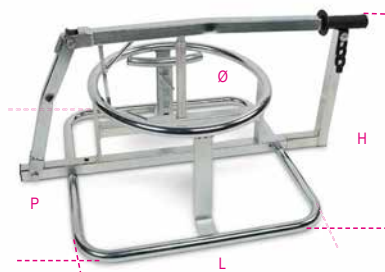
manual tyre lever for cross and enduro  
motorcycles



Allows easy and quick tyre removal in racing fields; based  
on sturdy, wide frame made of galvanized steel, it provides  
firmness during tyre removal. Can be installed on BETA  
3071RS bracket, for increased convenience

### Features:

- Ergonomic rubber handle, for easy, safe lever hold
- With rubber retainer for locking rod during transportation
- Can be used to install cross and enduro tyres, 17" ÷ 21".



	L	H	P	Ø	€		
	mm	mm	mm	mm			
3071A	570	400	850	440	516,00	1	030710000

## 3071B

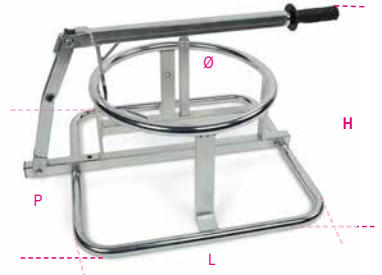
manual tyre lever for mini bikes and mini dirt  
bikes



Allows easy and quick tyre removal in racing fields; based  
on sturdy, wide frame made of galvanized steel, it provides  
firmness during tyre removal. Can be installed on BETA  
3071RS bracket, for increased convenience

### Features:

- Ergonomic rubber handle, for easy, safe lever hold
- Can be used to install most mini bike and mini dirty bike tyres.



	L	H	P	Ø	€		
	mm	mm	mm	mm			
3071B	570	330	650	340	482,00	1	030710010

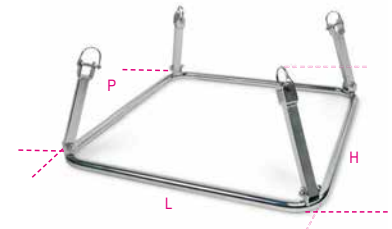
## 3071RS

bracket for BETA 3071A and 3071B tyre levers



Used to elevate BETA 3071A and 3071B tyre levers, making  
tyre removal easier; frame made from galvanized steel, with  
square base for increased firmness.

- With 4 fixing hooks



	L	H	P	€		
	mm	mm	mm			
3071RS	670	275	670	224,50	1	030710020

## 962C

tyre levers, pair,  
for cross and enduro motorcycles, mini bikes  
and mini dirty bikes



for use in combination with BETA 3071A and 3071B



	L	A	€		
	mm	mm			
962C	420	30	119,00	1	009620020

### 3072N

workbench rear motorcycle shock absorber dismantler, manual

Allows totally safe motorcycle rear shock absorber dismantling; based on its adjustable arms, it suits most rear shock absorbers; alternatively, it can be used with the supplied plate.

- optional locking rings

#### Features

- Suitable for use on most motorcycle rear shock absorbers
- Vertically adjustable in 8 positions
- 3 adjustable arms with vertically adjustable retainers
- shock absorber locking plate
- with pantograph jack
- with rubber feet
- with shock absorber lock pin

#### Technical data

Jack extension: max. 130 mm  
 Arm extension: max. 55 mm  
 Retainer extension: max. 18 mm  
 Thrust: max. 1 t



	L	H	P	€		
	mm	mm	mm			
3072N	390	785	390	1.166,00	1	030720010

### 3073

universal fork oil seal driver fitting tool

for fork tube diameters 35 ÷ 48 mm



3073	88,50	1	030730001
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### 3075A

hexagon socket for wheel hub nuts



	Ø	Ø	L	€		
	mm	mm	mm			
3075A 28	28	38	30	29,00	1	030750028
3075A 30	30	40	30	31,00	1	030750030

### 3075B

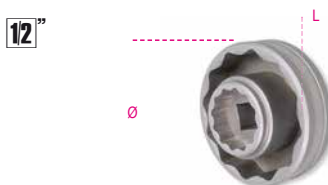
bi-hex socket for wheel hub nuts



	Ø	Ø	L	€		
	mm	mm	mm			
3075B 55	55	70,7	25	74,00	1	030750155

### 3075MV

bi-hex socket for MV AGUSTA wheel hub nuts



	Ø	Ø	L	€		
	mm	mm	mm			
3075MV 56	56	70,7	30	83,00	1	030750156

### 3075/CM

multiple hexagon socket for wheel pins



3075/CM	41,50	1	030750212
12-14-17-19-22-24 mm			

### 3075/K10

set with a universal wrench with interchangeable head and 10 bits, for tightening wheel spokes

Sizes: 5.2 - 5.4 - 5.6 - 5.8 - 6.0 - 6.2 - 6.4 - 6.6 - 6.8 - 7.0



3075/K10	55,50	1	030750410
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### 3079/21

cable oiler

Allows proper lubrication of clutch cables and gas control, for increased sheath smoothness and cable duration.



3079/21	8,45	1	030790021
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### 3080/C15

chain opening and riveting kit

Ø 3-4-5 mm and Regina kit



3080/C15	370,00	1	030800015
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420x185x60 mm

### 3080R/CS3

kit with 3 spare pin punches for chain tool 3080/C15

Ø 3-4-5 mm



3080R/CS3	57,00	1	030800503
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### 3081

portable chain tool

Sturdy and foldable, easily fitting into enduro tool bags. Suitable for chain sizes 415, 420, 428, 520, 525, 530, 532



3081	46,00	1	030810010
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### 3085

tool for retracting brake pistons

Suitable for motorcycle and scooter brake callipers



3085	102,00	1	030850010
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### 3091

flywheel pullers  
with internal thread



	M	€		
3091/10	24x1,5	21,50	1	030910010
3091/20	26x1,0	22,60	1	030910020
3091/25	27x1,0	22,70	1	030910025
3091/30	28x1,0	22,80	1	030910030
3091/40	30x1,0	30,50	1	030910040
3091/45	30x1,5	30,50	1	030910045
3091/50	32x1,5	33,50	1	030910050
3091/60	33x1,5	35,00	1	030910060
3091/70	35x1,0	49,00	1	030910070
3091/75	35x1,5	49,00	1	030910075
3091/80	38x1,5	53,50	1	030910080

### 3092

flywheel pullers  
with external thread



	M	€		
3092/10	18x1,5	11,40	1	030920010
3092/20	19x1,0	13,20	1	030920020
3092/25	27x1,0	13,80	1	030920025
3092/30	27x1,25/20x1	13,90	1	030920030
3092/35	22-26x1,5	13,90	1	030920035
3092/40	25x1,5/22x1	13,90	1	030920040
3092/50	26-28x1,0	13,90	1	030920050
3092/60	28x1,5	13,70	1	030920060

### 3093/E

tool for locking flywheel, clutch bell and pulleys



	€		
3093/E	37,50	1	030930100

### 3093/U

multiple flywheel puller



	€		
3093/U	36,50	1	030930050
M10x1.25R			
M14x1.5R			
M16x1.5R			
M18x1.5R			
M24x1.0R			
M27x1.0L			

### 3094PA

OFFROAD motorcycle breakdown service  
panel



Metal frame; legs can be folded into frame; recommended for tool arrangement in racing fields  
available in 3 colours:

- 3094PA-O Orange
- 3094PA-G Grey
- 3094PA-R Red

Optional accessories:

- paper roll holder 3200 PR
- magnetic universal bottle holder 2499PF/M



	L	H	H1	€		
	mm	mm	mm			
3094PA-O	750	1555	900	537,00	1	030940101
3094PA-G	750	1555	900	537,00	1	030940102
3094PA-R	750	1555	900	537,00	1	030940103

### 3095

workbench stand for motorcycle engines



adjustable mounting brackets, for convenient, effortless  
workbench jobs on motorcycle engines



	H	P	L	L1	€		
	mm	mm	mm	mm			
3095	360	460	640	460	606,00	1	030950001

### 3099E

outdoor motorcycle cover, water and dust  
resistant



protects paint from scratches, dust and sunlight



Available Sizes:

Size "M" recommended for sports and naked motorcycles and mid-size scooters  
Size "L" recommended for maxi enduro and crossover motorcycles

		€		
3099E/M	M	86,00	1	030990102
3099E/L	L	105,50	1	030990103

### 3099T

indoor motorcycle cover, made from stretch  
fabric



protects paint from scratches, dust and sunlight



Available Sizes:

Size "M" recommended for sports and naked motorcycles and mid-size scooters  
Size "L" recommended for maxi enduro and crossover motorcycles  
Size "XL" recommended for super touring motorcycles

		€		
3099T/M	M	74,50	1	030990202
3099T/L	L	91,00	1	030990203
3099T/XL	XL	110,50	1	030990204



# Beta





# BICYCLE TOOLS

Beta has always been involved with cycling. This “Special on Bicycle Tools”, which is meant for cycling professionals, deals with an accurate selection of products specially developed for bicycle and e-bike maintenance.



*Tour de France 2020 and 2021*

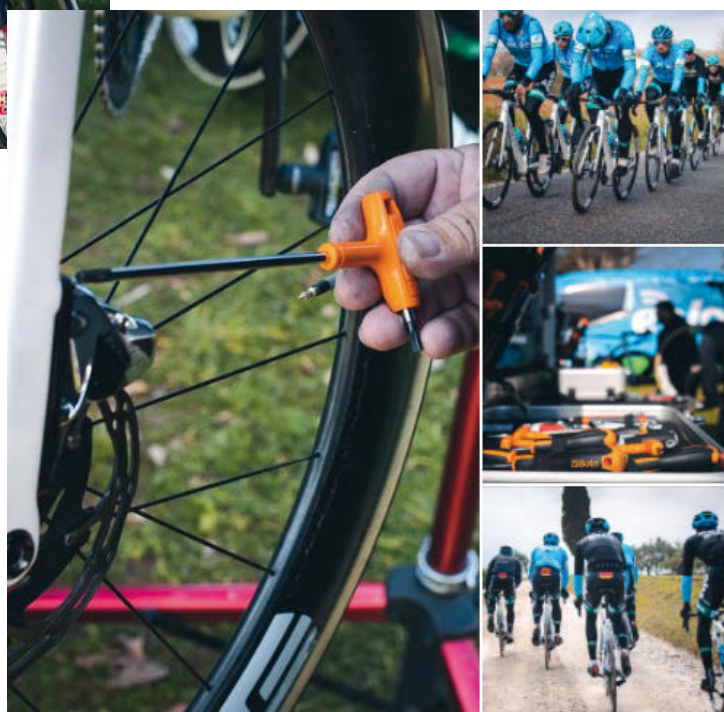


*Partnership 2022*

*Official contributor  
of Eolo KOMETA cycling*



*Partnership 2022*

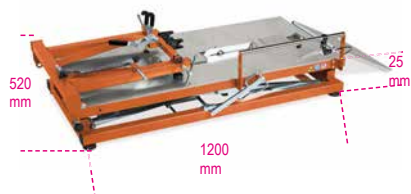


## 3910

### E-Bike lift

- Maximum carrying capacity: 40 kg
- Maximum height of central movement support: 135 cm
- Built-in wheel truing stand
- Innovative thru-axle locking system
- Supplied with adapter sockets for most forks
- Supplied with fork connection adapter without thru-axle
- Fully foldable and transportable
- Lift weight: 48kg

CE



3910 € 3.700,00 1 039100010

## 3912TP

### TOP workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Tool drawer with ball bearing slides (490x365x90 mm)
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912TP € 1.530,00 1 039120050



## 3912PP

### PRO workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912PP € 833,00 1 039120150

## 3912TP/A

### adapter socket for thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L mm 39 Ø mm 30 Ø1 mm 5 € 20,40 1 039120052

## 3912TP/C

### universal adapter socket for thru-axle forks, hexagon socket tightening

For workbenches 3912TP, 3912PP and 3910



L mm 29 Ø mm 30 € 20,40 1 039120054

## 3912TP/FOX

### adapter sockets for FOX® forks

For workbenches 3912TP, 3912PP and 3910



L mm 38 € 20,40 1 039120058

## 3912TP/QRE

### adapter pin for forks without thru-axes

For workbenches 3912TP, 3912PP and 3910



L mm 108 € 34,00 1 039120064

## 3912TP/ROAD

### adapter socket for road forks

For workbenches 3912TP, 3912PP and 3910



L mm 33 Ø mm 35 € 22,70 1 039120060

## 3912TP/RS

### adapter socket for ROCKSHOX® thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L mm 35 Ø mm 30 € 20,40 1 039120056

## 3912TP/ST

### adapter socket for SUNTOUR forks

For workbenches 3912TP, 3912PP and 3910



L mm 31 Ø mm 30 Ø1 mm 18 € 22,70 1 039120062





### 3916MMP

workshop single-sided clamp for bicycle maintenance

- Clamp can be rotated 360°, with floating jaws and micrometric adjustment
- Carrying capacity: 25 kg
- Plastic tool tray



3916MMP € 755,00 1 039160150

### 3918MML

single-sided clamp, lightweight, foldable

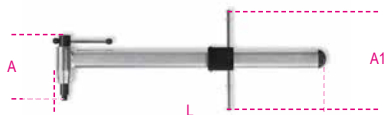
- Clamp can be rotated 360°
- Carrying capacity: 15 kg
- Maximum clamp height: 150 cm



3918MML € 307,00 1 039180010

### 3921

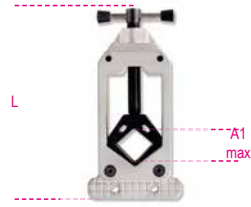
derailleur hanger alignment gauge



L mm 440 A mm 115 A1 mm 165 € 107,00 1 039210010

### 3923

blade guide tool for cutting airfoil shaped seatposts up to 80 mm and tubes 1" ÷ 1.1/2"



L mm 160 A1 max mm 80 Ø max mm 45 € 50,50 1 039230010

### 3927

handlebar clamp



3927 L mm 365 € 30,50 1 039270010

### 3932U

professional chain tool compatible with chains from 5 to 11 speeds



L mm 164 L1 mm 115 € 56,00 1 039320011

### 3935

chain wear indicator



L mm 120 € 9,55 1 039350010

### 3937

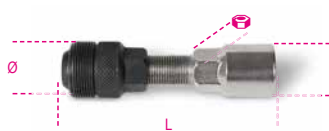
missing link pliers



L mm 170 € 24,70 1 039370010

### 3948

crank extractor



Ø mm 14 L mm 79 Ø mm 20 Ø1 mm 15 € 19,10 1 039480015

### 3952

simple cone wrench



Ø mm	L mm	€	1	039520013
13	205	24,70	2	039520013
14	205	24,70	2	039520014
15	205	24,70	2	039520015
16	205	24,70	2	039520016
17	205	24,70	2	039520017
18	205	24,70	2	039520018
19	205	24,70	2	039520019
20	205	25,00	1	039520020
21	205	25,00	1	039520021
22	205	25,00	1	039520022
24	205	26,00	1	039520024



3952/S7	€	1	039520207
13-14-15-16	173,00	1	039520207
17-18-19 mm			
3952/S11	€	1	039520211
13-14-15-16	274,00	1	039520211
17-18-19-20-21-22-24 mm			

### 3953

pedal wrench



Ø mm 15 L mm 401 € 38,00 1 039530015

### 3955

open end wrenches for universal headsets



Ø mm	L mm	€	1	039550108
30x32	292	35,50	1	039550108
32x36	319	39,00	1	039550114

### 3961 3,2

spoke wrench, black, 3.2 mm



□ mm 3,2 € 13,90 1 039610032

### 3961 3,3

spoke wrench, green, 3.3 mm



□ mm 3,3 € 13,90 1 039610033

### 39613,5

spoke wrench, red, 3.5 mm



mm	€		
3,5	13,90	1	039610035

### 3961U

professional spoke wrench, 3.2 - 4.0 mm



mm	€		
3,2 - 4,0	22,80	1	039610100

### 3962SH

double spoke wrench for Shimano



L mm	A1 mm	A2 mm	€		
132	4,3	4,4	17,60	1	039620010

### 3962MV

double spoke wrench for Mavic



L mm	A1 mm	A2 mm	€		
135	4,3	8,4	18,30	1	039620020

### 3963P

special wrench for flat spokes



L mm	€		
129	8,35	1	039630010

### 3964

special nipple driver



L mm	L1 mm	€		
170	89	20,70	1	039640010

### 3965

wheel alignment gauge,  $\varnothing 20" \div 29"$



L mm	€		
680	101,00	1	039650010

### 3965C

professional wheel truing stand



- For  $\varnothing 20" \div 29"$
- Through axle hub adapter, 10  $\div$  20 mm



L mm	L1 mm	A mm	€		
500	380	285	408,00	1	039650110

### 3967

sprocket removal wrench with chain whip



- Caters for up to 11 speed cassettes
- 2PVC handle
- Also suitable for fixed wheels



L mm	€		
289	55,50	1	039670010

### 3969

tyre lever



L mm	A mm	€		
200	15,6	10,10	1	039690010

### 3969K3

kit with 3 tyre levers, made of plastic



L mm	€		
113	5,60	1	039690130

### 3971

wrench for Shimano plastic bolts



- Suitable for Shimano Hollowtech II cranksets



N°	mm	€		
8	8	12,40	1	039710010

### 3972

bottom bracket removal wrench



- Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®



L mm	€		
252	23,90	1	039720010

### 3973PF

Press-Fit bearing removal tool



- Suitable for inside  $\varnothing 24$  mm and 30 mm



L mm	€		
240	32,00	1	039730001

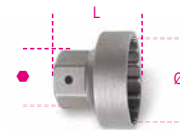
### 3973/1

16-notch bottom bracket removal socket



- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000

12"



$\varnothing$ mm	mm	L mm	€		
39	24	34	20,50	1	039730010

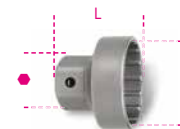
### 3973/2

16-notch bottom bracket removal socket



- Suitable for Shimano® BBR60 (Ultegra® 11 speeds)

12"



$\varnothing$ mm	mm	L mm	€		
41	24	35	20,50	1	039730020

### 3973/3

16-notch bottom bracket removal socket



• Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

12"



Ø int. mm	● mm	L mm	€		
46	24	53,5	20,50	1	039730030

### 3973/4

20-notch bottom bracket removal socket with central pin, nickel-plated



• Suitable for Shimano and ISIS

12"



Ø mm	L mm	● mm	€		
31,5	55	24	12,90	1	039730040

### 3975

bearing cup press



• For headset cup assembly, compatible with headset cups 1", 1.1/8", 1.1/4", 1.1/2" and 2"



L mm	Ø mm	€		
360	16x1	271,00	1	039750010

### 3984/1

BMX freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	€		
35	25,5	24	15,10	1	039840010

### 3984/2

Shimano freewheel removal wrench



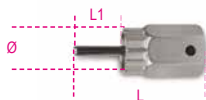
Ø mm	L mm	● mm	€		
22,8	26	24	9,55	1	039840020

### 3984/3

Shimano freewheel removal wrench, cassette with guide pin



12"



Ø mm	L mm	L1 mm	€		
23,5	65	25	16,40	1	039840030

### 3984/4

Campagnolo freewheel removal wrench, with guide pin



Ø mm	L mm	L1 mm	● mm	€		
23	51	13	24	21,50	1	039840040

### 3984/5

freewheel removal wrench, 2 grafts



12"



Ø mm	L mm	● mm	€		
18,5	38	21	15,10	1	039840050

### 3984/6

freewheel removal wrench, 4 grafts



12"



Ø mm	L mm	● mm	€		
19,5	36	21	15,10	1	039840060

### 3991

lever for pushing back disc brake pads



L mm	A mm	α	€		
222	36	7°	36,00	1	039910010

### 3992

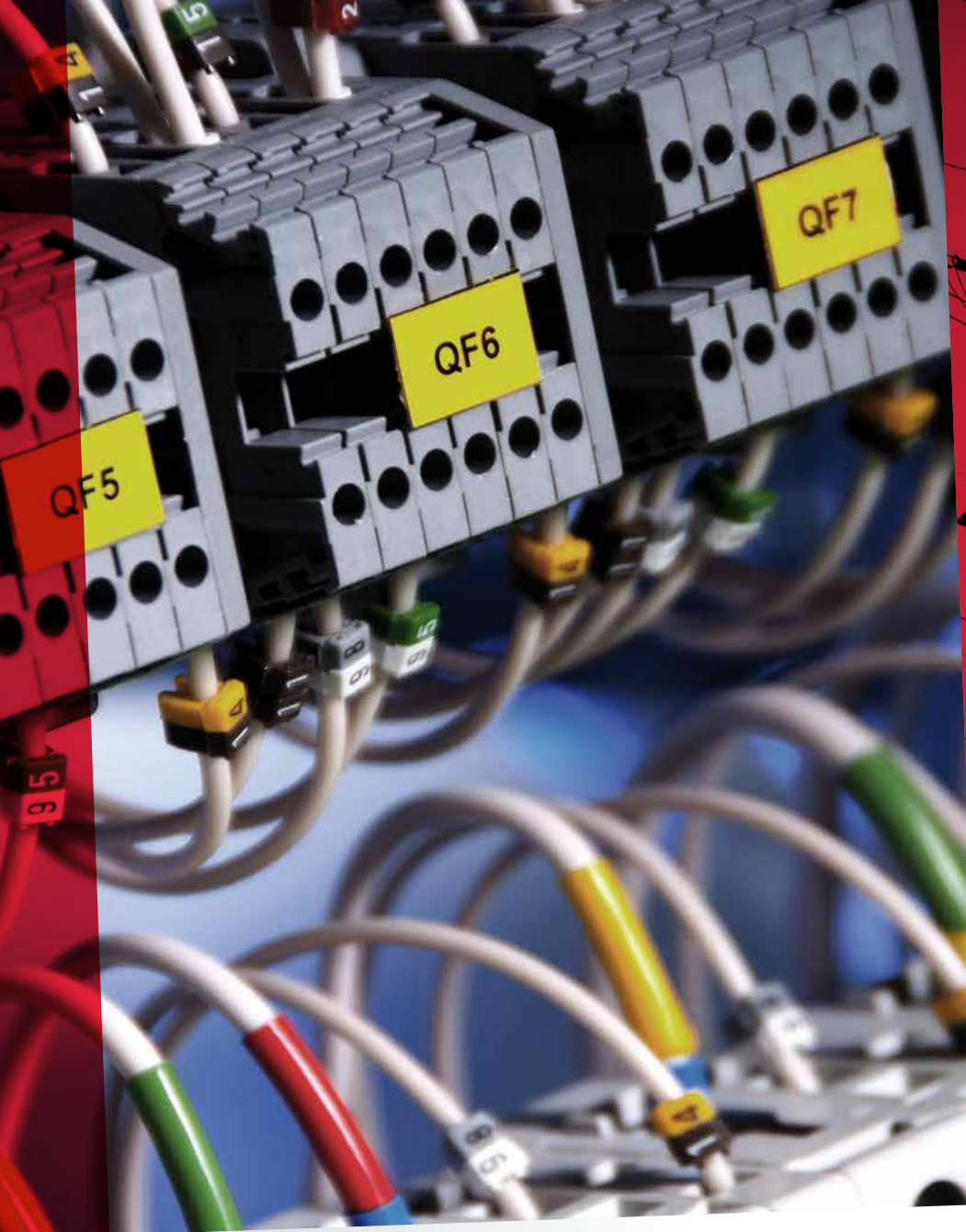
disc brake straightener



L mm	A1 mm	€		
234	55	27,00	1	039920010

# Beta





# INSULATED TOOLS

Beta Utensili's insulated tools are meant to guarantee installation and electrical maintenance men's safety. All of the insulated tools make it possible to work on systems up to 1000V on alternating current and up to 1500V on direct current.

To provide the highest quality and performance standards and verify fitness and compliance with EN 60900, each tool is subjected to the following stringent tests: handle resistance to slipping and flame propagation, and high voltage test (10000V). For assortments and thermoformed trays, see relevant sections.

All of Beta's insulated tools are built in accordance with the specifications of EN60900 and are approved by the best European certification institutions



Istituto Italiano del Marchio di Qualità - I



Verband der Elektrotechnik  
Elektronik Informationstechnik - D

# 1000 V

## **SAFETY TESTS: tested at 10,000 V to work on 1,000 V electrical installations.**

Beta's high-insulation tools are tested piece by piece at 10 kV, with a view to providing unparalleled quality for working instruments which are required to ensure ultra-high safety standards: they make it possible to work at voltages up to 1,000 V a.c. (1,500 V d.c.).

### **SAFETY STANDARDS:**

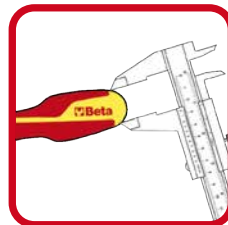
Although extremely stringent tests are performed during production, before using a tool, the operator must always check the insulating handle for tears, modifications or damage. Keeping the dielectric properties unchanged in time is closely connected with the mechanical, chemical or thermal stress the tool may be subjected to. In case the insulator should get damaged, the tool cannot be considered safe for use in live installations. Always wear protective goggles and insulated gloves.

## **TESTS PERFORMED DURING PRODUCTION**



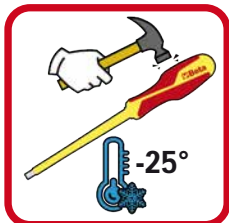
### **100% visual test:**

All the surface finishes of the tools must be free from externally visible defects



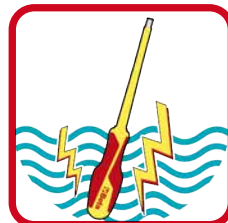
### **Dimensional test:**

All the dimensions of the tools must comply with the design specifications.



### **Crash test:**

After 2 hours at -25 °C, the tool is hit three times (by such a specific weight as provided for by the standard); the insulating handle must not show any signs of damage.



### **Electrical insulation test:**

Following immersion in water for 24 hours, the tool is subjected to a voltage of 10 kV for 3 minutes. Current dissipation must not exceed such values as provided for by the standard.



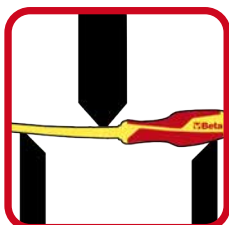
### **Penetration test:**

A weight of 2 kg is applied to the tool handle at +70 °C for two hours. Later a voltage of 5 kV is applied to the area that is subjected to mechanical pressure for 3 minutes. No signs of current passing through must be shown.



### **Adhesion test:**

after 168 hours at +70 °C, the tool is subjected to a load of 500 N to check that the handle does not slip off.



### **Mechanical test:**

The tools must satisfy such mechanical performance requirements as provided for in the relevant ISO standards



### **Marking indelibility test:**

Following the friction test with isopropyl alcohol, markings must remain legible.



### **Flame propagation test:**

A flame is directed towards the tool for 10 seconds; during the next 20 seconds, the flame must not exceed a height of 120 mm.





## 52MQ

single open end wrenches



EN 60900  
1000 V

EN 60900

mm	L mm	€	W	U
6	90	33,50	1	000520106
7	96	33,50	1	000520107
8	100	33,50	1	000520108
9	108	33,50	1	000520109
10	110	33,50	1	000520110
11	120	33,50	1	000520111
12	132	35,50	1	000520112
13	140	37,50	1	000520113
14	146	38,50	1	000520114
15	166	40,00	1	000520115
16	156	43,50	1	000520116
17	168	43,50	1	000520117
18	170	45,00	1	000520118
19	176	45,00	1	000520119
21	190	49,00	1	000520121
22	200	49,00	1	000520122
24	225	53,00	1	000520124
27	210	69,50	1	000520127
30	240	72,50	1	000520130
32	240	74,00	1	000520132

## 89MQ

single ring wrenches



EN 60900  
1000 V

EN 60900

mm	L mm	€	W	U
6	150	43,00	1	000890106
7	155	43,00	1	000890107
8	155	43,00	1	000890108
9	160	43,00	1	000890109
10	170	43,00	1	000890110
11	180	43,00	1	000890111
12	190	47,00	1	000890112
13	195	50,00	1	000890113
14	200	53,00	1	000890114
15	210	54,00	1	000890115
16	216	57,50	1	000890116
17	218	57,50	1	000890117
18	236	61,50	1	000890118
19	240	61,50	1	000890119
21	250	70,50	1	000890121
22	255	70,50	1	000890122
24	280	79,50	1	000890124
27	300	84,50	1	000890127
30	320	99,50	1	000890130
32	340	101,00	1	000890132

## 110MQ

adjustable wrench with scale



EN 60900  
1000 V

EN 60900

L mm	A max mm	€	W	U
200	28	86,00	1	001100520
250	30	99,50	1	001100525
300	30	145,00	1	001100530

## 606MQ/50

click-type torque wrench with reversible ratchet



EN 60900  
1000 V

EN 60900  
UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50 832,00 1 006060705

## 850MQ

magnetic bit holder, insulated, with bimaterial handle



EN 60900  
1000 V

IMQ CSV  
EN 60900

L mm	L1 mm	D mm	€	W	U
233	125	12,5	25,00	1	008500910

## 910MQ/B

bi-hex sockets



EN 60900  
1000 V

EN 60900

mm	L mm	Ø1 mm	Ø mm	€	W	U
6	45	14	24	30,50	1	009100616
7	45	15	24	30,50	1	009100617
8	45	16	24	30,50	1	009100618
9	45	17	24	30,50	1	009100619
10	45	19	24	30,50	1	009100620
11	45	20	24	30,50	1	009100621
12	45	24	24	30,50	1	009100622
13	45	24	24	30,50	1	009100623
14	45	25	24	30,50	1	009100624
15	45	27	24	32,00	1	009100625
16	45	27,5	24	32,00	1	009100626
17	45	30	24	33,00	1	009100627
18	45	31	24	33,00	1	009100628
19	45	32	24	33,00	1	009100629

## 910MQ/PE

socket drivers for hexagon screws



EN 60900  
1000 V

EN 60900

mm	Ø mm	L mm	€	W	U
4	24	100	34,50	1	009100604
5	24,5	100	34,50	1	009100605
6	25,0	100	34,50	1	009100606
8	25,0	100	34,50	1	009100608
10	25,5	100	35,50	1	009100610

## 910MQ/TX

socket drivers for Torx(R) head screws



EN 60900  
1000 V

EN 60900

mm	Ø mm	L mm	L1 mm	€	W	U
15	23	116	61	43,50	1	009100641
20	24,5	116	65	43,50	1	009100642
25	24,5	116	65	43,50	1	009100643
27	24,5	116	65	43,50	1	009100644
30	24,5	116	65	44,50	1	009100645
40	24,5	116	65	45,00	1	009100646

## 910MQ/XZN

socket drivers with XZN® profile



EN 60900  
1000 V

EN 60900

mm	Ø mm	L mm	L1 mm	€	W	U
M8	24	106	57	40,50	1	009100658
M10	24	106	57	42,00	1	009100660

## 910MQ/PT

preset extensions with 3/8" female drive



EN 60900  
1000 V

EN 60900

Nm	L mm	L1 mm	€	W	U
12	80	35,5	229,50	1	009100801

## 910MQ/21

3/8" drive extension



EN 60900  
1000 V

EN 60900

L mm	Ø mm	€	W	U
140	13,4	55,50	1	009100804

## 910MQ/22

3/8" drive extension



EN 60900  
1000 V

EN 60900

L mm	Ø mm	€	W	U
265	13,4	60,50	1	009100805



## 910MQ/T

3/8" drive, T-handle



EN 60900

L mm	L1 mm	€	1	009100807
200	165	66,00		

## 910MQ/55

3/8" drive reversible ratchet



EN 60900

L mm	D mm	A mm	€	1	009100808
203	41	67	188,00		

## 910MQ/C16

8 bi-hex sockets,  
4 hexagon socket drivers  
and 4 accessories



EN 60900

910MQ/C16	€	1	009100917
	820,00		

	910MQ/B	8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
	910MQ/PE	4 - 5 - 6 - 8 mm
	910MQ/21	125 mm
	910MQ/22	250 mm
	910MQ/T	
	910MQ/55	

## 914MQ/A

hexagon hand sockets,  
3/8" female drive,  
made from special polyamide-based  
technopolymers  
Specially designed for batteries of hybrid and electric cars

For use with torque wrench



EN 60900

Ø mm	Ø mm	L mm	Ø1 mm	€	2	009140008
8	17,5	45	20	15,90		
10	20,5	45	20	15,90		
13	24	45	20	15,90		
17	30	45	22	15,90		



EN 60900

914MQ-A/S4	€	1	009140054
8-10-13-17 mm	63,50		

## 920MQ/A

hexagon sockets



EN 60900

Ø mm	Ø mm	L mm	Ø1 mm	€	1	009200238
8	21,5	57	27,5	30,50		
9	21,5	57	27,5	30,50		
10	21,5	57	27,5	30,50		
11	21,5	57	27,5	30,50		
12	23,0	57	27,5	30,50		
13	23,0	57	27,5	30,50		
14	23,0	57	27,5	31,50		
16	23,0	57	27,5	32,00		
17	30,0	57	27,5	32,00		
18	32,0	57	27,5	33,00		
19	32,2	57	27,5	33,00		
20	32,0	57	27,5	37,00		
21	34,0	57	27,5	37,00		
22	36,0	57	27,5	37,00		
24	39,0	57	27,5	38,00		
27	42,0	57	27,5	38,50		
30	44,0	57	27,5	40,00		
32	48,0	57	27,5	41,00		

## 920MQ/PE

socket drivers for hexagon screws



EN 60900

Ø mm	L mm	L1 mm	€	1	009200264
*4	28,5	94,50	10,5	51,50	
*5	28,5	94,5	10,5	51,50	
*6	28,5	94,5	10,5	51,50	
*8	28,5	94,5	10,5	51,50	
10	28,5	94,5	10,5	53,50	
12	28,5	94,5	10,5	53,50	

## 920MQ/21

1/2" square drive extension bar



EN 60900

L mm	Ø mm	€	1	009200804
135	28	59,00		

## 920MQ/22

1/2" square drive extension bar



EN 60900

L mm	Ø mm	€	1	009200805
264	30	67,00		

## 920MQ/T

1/2" square drive, T-handle

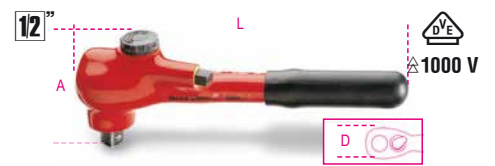


EN 60900

L mm	L1 mm	€	1	009200807
200	163	70,50		

## 920MQ/55A

1/2" square drive reversible ratchet  
with socket locking system



EN 60900

L mm	D mm	A mm	€	1	009200809
240	50	89	251,00		

## 920MQ/C16

9 hexagon sockets,  
3 socket drivers for hexagon screws  
and 4 accessories

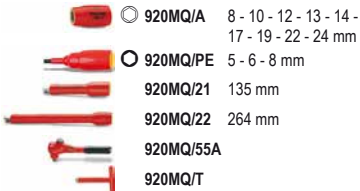
12"



$\Delta$  1000 V

EN 60900

920MQ/C16 € 959,00 1 009200917



420x280x60 mm - 5,2 kg

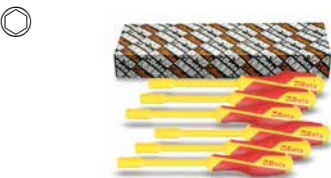
## 943MQ

hexagon nut spinners with handles



EN 60900

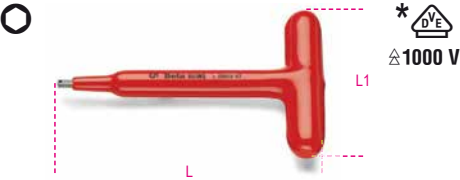
mm	L mm	L1 mm	D mm	€		
5,5	233	125	12,2	20,00	1	009430235
6	233	125	12,5	20,00	1	009430236
7	240	125	14,3	21,20	1	009430237
8	240	125	15,3	21,80	1	009430238
10	252	125	17,3	22,60	1	009430240
13	252	125	21,3	24,70	1	009430243



943MQ/S6 € 130,50 1 009430250  
5,5-6-7-8-10-13 mm

## 951MQ

T-handle wrenches with hexagon  
male ends



EN 60900

mm	L mm	L1 mm	€		
3	120	105	50,00	1	009510703
* 4	165	105	51,50	1	009510704
* 5	170	105	51,50	1	009510705
* 6	168	105	51,50	1	009510706
* 8	165	105	52,50	1	009510708
10	200	105	54,50	1	009510710

## 993MQ

bent knurled point spring tweezers



EN 60900

L mm 147 € 42,00 1 009930040

## 994MQ

straight knurled point spring tweezers



EN 60900

L mm 145 € 41,00 1 009940040

## 1010MQ

long round nose pliers



EN 60900

L mm 160 L1 mm 51,5 € 50,50 1 010100096

## 1048MQ

slip joint pliers, boxed joint

• Chrome-plated finish



EN60900

L mm 250 A max mm 48 L1 mm 39 € 74,50 1 010480315

## 1082MQ

diagonal cutting nippers



EN 60900

L mm 140 L1 mm 20 mm 1,6 € 50,00 1 010820094  
L mm 160 L1 mm 22 mm 1,6 € 52,50 1 010820096

## 1084MQ

heavy duty diagonal cutting nippers



EN 60900

L mm 200 L1 mm 26 mm 2,0 € 66,00 1 010840100

## 1088MQ

end cutting nippers



EN 60900

L mm 160 L1 mm 7 mm 1,6 € 62,50 1 010880096

## 2115P L-MQ32



2115PL-MQ32

350

## 1128MQ

electrician's scissors,  
stainless steel blades,  
with microteeth



IEC60900

L mm 145 L1 mm 45 € 52,00 1 011280101

## 1132MQ

cable cutter with insulated handles  
for copper and aluminium cables



EN 60900

L mm 230 mm 18 € 96,00 1 011320193

### 1142MQ

wire stripping pliers



EN 60900

L mm	mm <sup>2</sup>	€	1	011420096
160	0,5÷6	55,50	1	011420096

### 1150MQ

combination pliers, bright chrome-plated



EN 60900

L mm	L1 mm	mm	€	1	011500096
160	37	1,6	47,50	1	011500096
180	39	1,8	52,00	1	011500098
200	43	2,0	54,50	1	011500100
220	46	2,0	59,50	1	011500102

### 1162MQ

extra long flat nose pliers



EN 60900

L mm	L1 mm	mm	€	1	011620096
160	56	1,6	51,50	1	011620096
200	76	1,6	54,50	1	011620100

### 1164MQ

extra-long bent flat nose pliers



EN 60900

L mm	L1 mm	mm	€	1	011640096
160	54	1,6	53,50	1	011640096
200	76	1,6	56,50	1	011640100

### 1166MQ

extra long needle nose pliers



EN 60900

L mm	L1 mm	mm	€	1	011660096
160	56	1,6	51,50	1	011660096
200	76	1,6	54,50	1	011660100

### 1168MQ

extra long bent needle nose pliers



EN 60900

L mm	L1 mm	mm	€	1	011680096
160	50	1,6	53,50	1	011680096
200	70	1,6	56,50	1	011680100

### 1272MQF

screwdrivers for cross head Phillips® screws

Slim

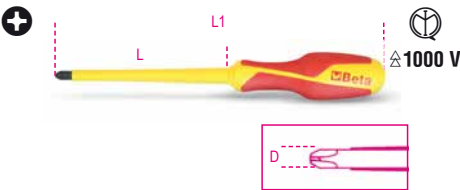


EN60900

PHxDxL mm	L1 mm	€	3	012720609
1x4,5x80	187	15,00	3	012720609
2x6x100	218	17,00	3	012720618

### 1272MQ

screwdrivers for cross head Phillips® screws



EN 60900

PHxDxL mm	L1 mm	€	3	012720703
0x3x60	160	10,10	3	012720703
1x4,5x80	187	12,40	3	012720709
2x6x100	218	14,20	3	012720718
3x8x150	276	18,30	2	012720724
4x10x200	326	21,80	2	012720727



1272MQ/S5	€	1	012720751
PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 PH4x10x200 mm	77,00	1	012720751

### 1273MQF/D...

set of 6 slim screwdrivers



1273MQF/D4	€	1	012730604
1272MQF 1x4,5x80-2x6x100 mm 1274MQF 0,6x3,5x100-1x5,5x125 mm	60,00	1	012730604

1273MQF/D6	€	1	012730606
1272MQF 1x4,5x80-2x6x100 mm 1274MQF 0,6x3,5x100-1x4,5x100- 1x5,5x125-1,2x6,5x150 mm	92,50	1	012730606

### 1273MQ/D6

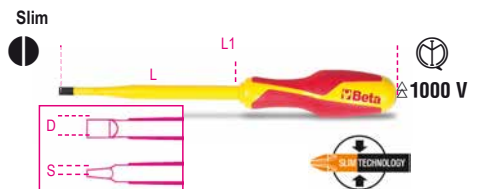
set of 6 screwdrivers



1273MQ/D6	€	1	012730851
1274MQ 0,5x3x100 -0,8x4x100 1,0x5,5x125 mm 1272MQ PH0x3x60 -PH1x4,5x80 PH2x6x100 mm	72,00	1	012730851

### 1274MQF

screwdrivers for headless slotted screws

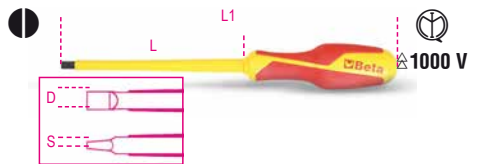


EN60900

SxDxL mm	L1 mm	€	3	012740603
0,6x3,5x100	200	12,90	3	012740603
1x4,5x100	205	14,40	3	012740606
1x5,5x125	232	15,10	3	012740609
1,2x6,5x150	268	18,10	3	012740612

### 1274MQ

screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm	€	3	012740700
0,4x2,5x75	175	9,85	3	012740700
0,5x3x100	200	10,30	3	012740703
0,8x4x100	207	12,20	3	012740706
1x5,5x125	232	13,00	3	012740709
1,2x6,5x150	268	15,70	3	012740712
1,2x8x175	301	18,30	2	012740715
1,6x10x200	326	21,70	2	012740718

**Beta**  
Quality Tools





**1274MQ/S6** € 91,00 1 012740751  
 0,5x3x100-0,8x4x100  
 1x5,5x125-1,2x6,5x150  
 1,2x8x175-1,6x10x200 mm

### 1275MQ/C

screwdrivers for combined cross head PH + slotted head screws

slim



EN60900

	€		
PH1+LPP	13,90	2	012750409
PH2+LPP	15,70	2	012750418

### 1276MQ/C

screwdrivers for combined cross head PZ + slotted head screws

slim



EN 60900

	€		
PZ1+LPP	13,10	2	012760409
PZ2+LPP	14,80	2	012760418

### 1279MQ/F

screwdrivers for cross head Pozidriv®-Supadriv® screws

slim



EN60900

pz	L mm	L1 mm	€		
1	80	187	13,90	3	012790409
2	100	218	15,70	3	012790418

### 1279MQ

screwdrivers for cross head Pozidriv®-Supadriv® screws



EN 60900

PZ	L mm	L1 mm	€		
0	60	160	10,40	3	012790703
1	80	187	12,60	3	012790709
2	100	218	14,50	3	012790718
3	150	276	19,10	2	012790724



**1279MQ/S4** € 56,50 1 012790751  
 PZ 0-1-2-3

### 1725MQ

mini-hacksaw frame



EN 60900

1725MQ	L mm	H mm	€		
	260	85	96,00	1	017250030

### 1777MQ/C

cable stripping knife, insulated

• for multicore cables



EN 60900

1777MQ/C	L mm	€		
	190	38,50	1	017770026

### 1777MQ/U

cable stripping knife, insulated



EN 60900

1777MQ/U	L mm	€		
	190	35,00	1	017770011

### 1777RL/U

4 spare blades for utility knife 1777MQ/U



1777RL/U	€		
	27,50	1	017770021

### 1995MQ/T

insulating mat

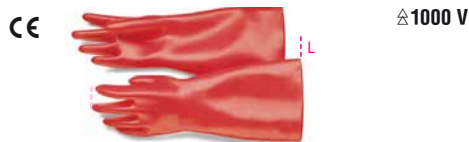


VDE 0303  
 EN 60243

1995MQ/T	LxSxH mm	€		
	1000x1000	321,00	1	019950030

### 1995MQ/G1 - G2

insulating gloves in latex



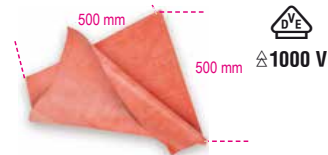
EN 60903

1995MQ/G1	Gr.	L mm	€		
	9	410	128,00	1	019950010
1995MQ/G2	10	410	128,00	1	019950013

### 1996MQ/T

insulating cloth

500x500mm



DIN EN 61112

S mm	€		
1.0	97,50	1	019960005

### 1996MQ/GM

composite insulating gloves

EN60903  
 EN388



EN 60903  
 EN 61482

1996MQ/GM 9	Gr.	L mm	€		
	9	410	164,50	1	019960109
1996MQ/GM 10	10	410	164,50	1	019960110

### 1996SVG

pneumatic tester for insulated gloves

mandatory testing in accordance with EN90603



1996SVG	€		
	376,00	1	019960133

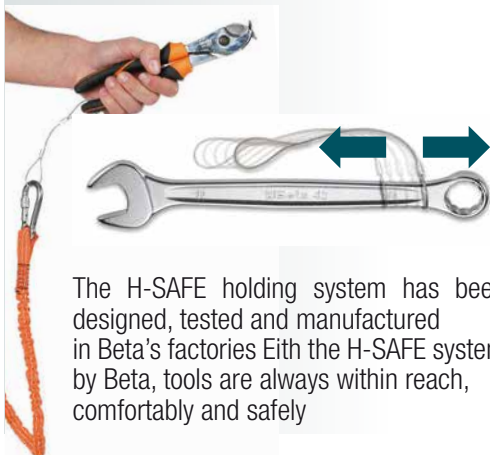


## TETHERED TOOLS

### Beta H-SAFE

The H-SAFE tool range by Beta comprises over 200 coded items, for which a holding system has been individually designed to withstand extremely severe mechanical stress, as synonymous with unparalleled safety.

Operating comfort is also crucial: tools with a double active part, including combination wrench item 42, are tied with a cable which runs along the entire body of the tool; whereas twisting tools, including screwdrivers, are tied with freely rotating rings preventing the string from getting twisted.



The H-SAFE holding system has been designed, tested and manufactured in Beta's factories. With the H-SAFE system by Beta, tools are always within reach, comfortably and safely.



### 35HS

flat chisels, ribbed type

with H-SAFE tethered system



L mm	A mm	€	U	IT
200	23,0	41,00	1	000354004
250	28,5	51,50	1	000354005

### 42HS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



DIN 3113 UNI-ISO 7738

U mm	L mm	€	U	IT
6x6	95	21,10	1	000424506
7x7	105	21,40	1	000424507
8x8	116	21,60	1	000424508
9x9	127	22,20	1	000424509
10x10	137	22,50	1	000424510
11x11	148	23,00	1	000424511
12x12	158	23,30	1	000424512
13x13	169	23,60	1	000424513
14x14	180	24,60	1	000424514
15x15	190	24,80	1	000424515
16x16	201	25,50	1	000424516
17x17	212	27,00	1	000424517
18x18	222	27,50	1	000424518
19x19	233	28,00	1	000424519
20x20	243	29,00	1	000424520
21x21	254	30,50	1	000424521
22x22	264	31,50	1	000424522
23x23	275	33,00	1	000424523
24x24	285	34,50	1	000424524
25x25	296	34,50	1	000424525
26x26	307	35,50	1	000424526
27x27	317	38,00	1	000424527
28x28	328	38,50	1	000424528
29x29	338	42,50	1	000424529
30x30	349	44,00	1	000424530
32x32	370	48,50	1	000424532
34x34	391	79,50	1	000424534
36x36	412	87,50	1	000424536

### 42HS/AS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



U mm	L mm	€	U	IT
1/4x1/4	95	22,80	1	000424106
5/16x5/16	116	23,00	1	000424108
3/8x3/8	137	24,30	1	000424110
7/16x7/16	148	25,00	1	000424111
1/2x1/2	169	25,00	1	000424113
9/16x9/16	180	25,50	1	000424114
5/8x5/8	201	27,50	1	000424116
11/16x11/16	212	29,00	1	000424117
3/4x3/4	233	30,50	1	000424119
13/16x13/16	254	34,00	1	000424121
7/8x7/8	264	34,50	1	000424122

⊘	L mm	€	🔧	📄
15/16x15/16	285	38,00	1	000424124
1x1	296	39,00	1	000424125
1.1/16x1.1/16	317	43,00	1	000424127
1.1/8x1.1/8	338	45,50	1	000424129
1.1/4x1.1/4	370	54,00	1	000424132
1.5/16x1.5/16	391	82,00	1	000424133

## 55HS

double open end wrenches

with H-SAFE tethered system



UNI-ISO 10102 DIN 3110

⊘ mm	L mm	€	🔧	📄
• 6x7	120	16,90	1	000554012
• 8x9	140	17,30	1	000554021
• 10x11	155	17,60	1	000554030
• 12x13	170	19,10	1	000554042
• 14x15	185	19,60	1	000554054
• 16x17	202	20,80	1	000554060
• 18x19	220	22,20	1	000554066
• 20x22	236	23,40	1	000554075
• 21x23	245	24,70	1	000554078
• 22x24	245	26,50	1	000554081
• 24x27	262	29,00	1	000554090
• 30x32	297	36,00	1	000554108
• 34x36	325	81,00	1	000554117

## 91HS-C

heavy duty offset ring wrenches

with H-SAFE tethered system



⊘ mm	⊘ mm	€	🔧	📄
36	54	99,00	1	000914036
41	62	115,50	1	000914041
46	69	134,00	1	000914046

## 91HS

heavy duty offset ring wrenches  
with H-SAFE tethered system



⊘ mm	⊘ mm	€	🔧	📄
36	54	197,50	1	000914236
41	62	214,00	1	000914241
46	69	252,00	1	000914246

## 92HS

tubes for item 91  
with H-SAFE tethered system



L mm	91 mm	⊘ mm	€	🔧	📄
610	32+41	22	98,50	1	000924020
760	46+55	25	118,50	1	000924030

## 93HS

double-ended offset ring wrench for scaffolding bolts  
with H-SAFE tethered system



⊘ mm	L mm	€	🔧	📄
21x22	310	57,00	1	000934021

## 96TBP-HS

ball head offset hexagon key wrenches with high torque handles and H-SAFE tethered system

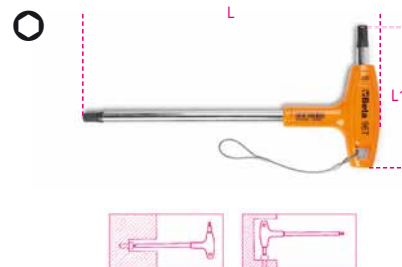


⊘ mm	L mm	L1 mm	⊘ mm	€	🔧	📄
2,5	153	55	4	27,00	1	000964685
3	153	55	4	28,00	1	000964686
4	179	70	5	28,50	1	000964687
5	200	84	6	29,00	1	000964688
6	221	103	7	31,00	1	000964689
8	255	117	10	36,00	1	000964690
10	285	132	12	39,50	1	000964692

## 96THS

offset hexagon key wrenches, with high torque handles

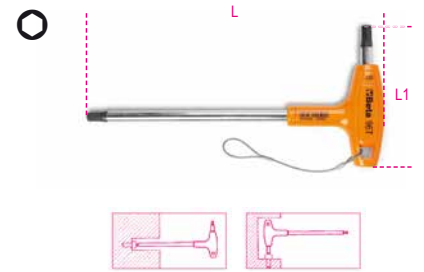
with H-SAFE tethered system



mm	L mm	L1 mm	€	🔧	📄
2,5	153	55	26,00	1	000964935
3	153	55	26,50	1	000964936
4	179	70	27,00	1	000964938
5	200	84	27,50	1	000964940
6	221	103	29,50	1	000964941
8	255	117	34,50	1	000964943
10	285	132	37,50	1	000964945

## 96THS-AS

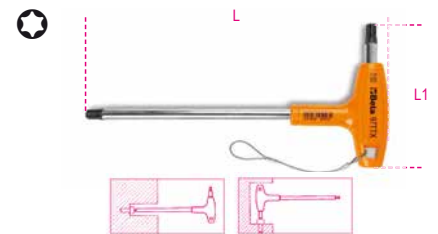
offset hexagon key wrenches,  
with high torque handles  
with H-SAFE tethered system



⊘ "	L mm	L1 mm	⊘ mm	€	🔧	📄
5/32	200	84	6	29,50	1	000964673
3/16	200	84	6	29,50	1	000964674
7/32	221	103	7	32,50	1	000964675
1/4	236	106	8	33,50	1	000964676
5/16	255	117	10	36,00	1	000964678
3/8	285	132	12	40,00	1	000964680

## 97TTXHS

offset key wrenches with handles for Torx(R)  
head screws  
with H-SAFE tethered system



⊘	L mm	L1 mm	€	🔧	📄
T10	179	70	26,50	1	000974710
T15	179	70	27,00	1	000974715
T20	179	70	27,50	1	000974720
T25	179	70	28,00	1	000974725
T30	200	84	32,00	1	000974730
T40	221	103	34,00	1	000974740
T45	236	106	36,50	1	000974745
T50	255	117	45,00	1	000974750

## 111E-HS

adjustable wrenches with scales, chrome-plated

with H-SAFE tethered system

- Right-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm	€	🔧	📄
200	8	29	52,50	1	001114120
250	10	34	59,50	1	001114125
300	12	40	73,50	1	001114130
380	15	45	125,50	1	001114138
450	18	54	198,50	1	001114145



## 142HS

reversible ratcheting  
combination wrenches  
with H-SAFE tethered system



mm	L mm	€	🔧	📄
8x8	136	33,00	1	001424008
9x9	143	34,00	1	001424009
10x10	159	34,50	1	001424010
11x11	168	35,00	1	001424011
12x12	174	35,50	1	001424012
13x13	180	36,50	1	001424013
14x14	190	37,50	1	001424014
15x15	200	39,00	1	001424015
16x16	216	42,00	1	001424016
17x17	233	43,00	1	001424017
18x18	239	45,50	1	001424018
19x19	248	46,00	1	001424019
21x21	285	55,00	1	001424021
22x22	285	56,00	1	001424022
24x24	325	65,00	1	001424024
27x27	355	86,50	1	001424027
30x30	420	99,50	1	001424030
* 32x32	420	103,50	1	001424032

\* Straight model without inverter

## 360HS

pipe wrenches, Stillson pattern

with H-SAFE tethered system



L mm	Ø max "	€	🔧	📄
250	1" gas	53,50	1	003604025
350	1 1/2" gas	66,50	1	003604035
450	2" gas	86,00	1	003604045
600	2 1/2" gas	122,50	1	003604060



LC system,  
two-ball retaining system.  
Socket is only released through  
button

## 666HS

Click-type torque wrenches  
with reversible ratchets  
for right-hand tightening  
torque accuracy: ±3%

with H-SAFE tethered system



ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
10÷50	1÷5	7÷37	3/8	30	33	312	660

666HS/5 281,00 1 006664005

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	381	730

666HS/10 285,00 1 006664010

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	LC system*	g
40÷200	4÷20	30÷150	1/2	40	43	470	+	1010

666HS/20LC 321,00 1 006664021

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	LC system*	g
60÷300	6÷30	50÷220	1/2	40	43	598	+	1380

666HS/30LC 360,00 1 006664031

## 900E-HS/55

reversible ratchets  
with H-SAFE tethered system

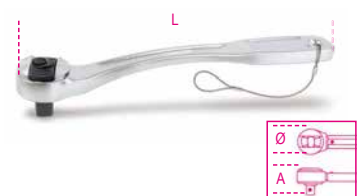


DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■	€	🔧	📄
125	25	18	1/4	51,50	1	009004880

## 910E-HS/55

reversible ratchets  
with H-SAFE tethered system



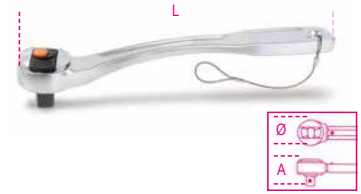
DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■	€	🔧	📄
200	30	33	3/8	57,00	1	009104880

## 920E-HS/55LC

reversible ratchets "Locking System"

with H-SAFE tethered system

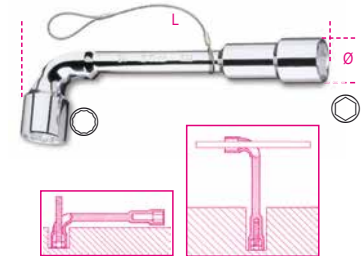


DIN 3122 - UNI-ISO 3315

L mm	Ø mm	A mm	■	€	🔧	📄
275	40	43	1/2	84,50	1	009204860

## 932HS

double ended hexagon / bi-hex offset socket  
wrenches, bright chrome-plated  
with H-SAFE tethered system



NF E 74.303

mm	Ø mm	L mm	€	🔧	📄
6x6	11,5	110	28,00	1	009324006
7x7	12,5	116	29,00	1	009324007
8x8	13,0	120	30,50	1	009324008
9x9	14,0	125	31,00	1	009324009
10x10	16,5	133	32,00	1	009324010
11x11	17,5	143	33,50	1	009324011
12x12	19,0	148	34,50	1	009324012
13x13	19,5	154	35,00	1	009324013
14x14	21,5	167	37,50	1	009324014
15x15	22,5	182	38,00	1	009324015
16x16	24,5	193	39,00	1	009324016
17x17	26,0	198	40,00	1	009324017
18x18	26,5	215	43,00	1	009324018
19x19	29,0	220	45,50	1	009324019

## 1032HS

internal circlip pliers, straight pattern PVC-  
coated handles  
with H-SAFE tethered system



UNI 7914 DIN 5256

L mm	Ø mm	Ø1 mm	A mm	€	🔧	📄
140x1,3	12÷25	1,3	20	38,50	1	010324014
180	19÷60	1,9	21	41,00	1	010324017



# Beta

### 1034HS

internal circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7914 DIN 5256

L	∅	∅1	A	€	🔧	📄
mm	mm	mm	mm			
170	19+60	1,9	21	43,50	1	010344017

### 1036HS

external circlip pliers, straight pattern PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A	€	🔧	📄
mm	mm	mm	mm			
140x1,3	10=25	1,3	20	41,00	1	010364014
175	19+60	1,9	21	42,00	1	010364017

### 1038HS

external circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A	€	🔧	📄
mm	mm	mm	mm			
175	19+60	-	21	45,00	1	010384017

### 1048BM-HS

slip joint pliers, boxed joint, bimaterial handles with H-SAFE tethered system

· new 9-position model



ISO 8976

L	A max	L1	g	€	🔧	📄
mm	mm	mm	g			
250	48	39	460	64,50	1	010484215

### 1052HS

adjustable self-locking pliers, concave jaws with H-SAFE tethered system



L	A	A1 max	S	€	🔧	📄
mm	mm	mm	mm			
240	72	42	10,0	53,00	1	010524024

### 1082BM-HS

diagonal cutting nippers, bi-material handles with H-SAFE tethered system

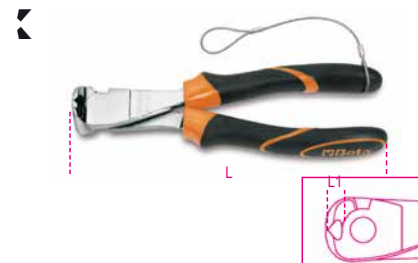


UNI/ISO 5749

L	L1	mm	A	€	🔧	📄
mm	mm	mm	mm			
160	22	1,6	28,0	52,00	1	010824036

### 1088BM-HS

heavy duty end cutting nippers, bi-material handles with H-SAFE tethered system



UNI/ISO 5748

L	L1	mm	A	€	🔧	📄
mm	mm	mm	mm			
160	9	1,6	28,0	60,00	1	010884036
200	11	2,0	36,0	75,00	1	010884040

### 1128BAX-HS

Double-acting electricians' scissors, with milling profiles in DLC-coated stainless steel with H-SAFE tethered system

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	mm <sup>2</sup>	€	🔧	📄
mm	mm	mm <sup>2</sup>			
150	50	50	50,00	1	011284088

### 1132BM-HS

cable cutters for insulated copper and aluminium cables, bi-material handles with H-SAFE tethered system



UNI 8791

L	A	€	Icon	Icon
~ 230	18 37 12,5	91,00	1	011324143

### 1150BM-HS

combination pliers bright chrome-plated, bi-material handles with H-SAFE tethered system



ISO 5746

L	L1	A	€	Icon	Icon
160	42	1,6 22,0	45,50	1	011504146
180	46	1,8 25,0	47,50	1	011504148
200	50	2,0 27,0	52,00	1	011504150

### 1166BM-HS

extra long needle knurled nose pliers, bi-material handles with H-SAFE tethered system



ISO 5745

L	L1	A	€	Icon	Icon
200	76	1,6 22,0	53,50	1	011664040

### 1168BM-HS

extra long bent needle knurled nose pliers, bi-material handles



ISO 5745

L	L1	A	€	Icon	Icon
200	70	1,6 22,0	56,50	1	011684040

### 1290HS

screwdrivers for slotted head screws H-SAFE



ISO 2380

SxAxL	L1	Ø	€	Icon	Icon
0,4x2,5x75	171	2,5	18,60	1	012904006
0,5x3x100	196	3,0	19,30	1	012904012
0,6x3,5x100	196	3,5	20,50	1	012904021
0,8x4x100	196	4,0	20,10	1	012904030
0,8x4x150	246	4,0	21,50	1	012904036
1x5,5x150	259	5,0	23,90	1	012904042
1,2x6,5x150	270	6,0	25,50	1	012904051
1,2x8x150	282	7,0	28,00	1	012904057
1,6x10x200	332	8,0	33,00	1	012904066

### 1292HS

screwdrivers for cross head Phillips® screws with H-SAFE tethered system



UNI/ISO 8764

PHxDxL	L1	€	Icon	Icon
0x3x100	196	19,50	1	012924006
1x4,5x120	229	21,60	1	012924012
2x6x150	270	26,00	1	012924021
3x8x150	282	30,00	1	012924024

### 1294HS

screwdrivers for headless slotted screws with H-SAFE tethered system



SxDxL	L1	€	Icon	Icon
0,5x2,5x60	156	18,10	1	012944003
0,6x3x75	171	18,30	1	012944006
0,8x4x100	196	20,20	1	012944012
1x5x125	234	23,50	1	012944018

### 1299HS

screwdrivers for cross head Pozidriv(R)-Supadriv(R) screws with H-SAFE tethered system



UNI/ISO 8764

PZ	L	L1	€	Icon	Icon
0	60	156	20,40	1	012994000
1	80	189	22,80	1	012994003
2	100	220	28,00	1	012994006
3	150	282	35,00	1	012994009

### 1370T-HS

mechanic's hammers fibre shaft with H-SAFE tethered system



g	A	L	L1	€	Icon	Icon
300	23	300	105	38,50	1	013704630
500	27	320	118	41,50	1	013704650
1000	36	360	135	52,00	1	013704700





## 1370FT-HS

riveting hammers, fibre shafts

with H-SAFE tethered system



A	L	L1	B	€		
mm	mm	mm	mm			
28	280	86	22	53,00	1	013704528
30	280	92	24	53,50	1	013704530
36	300	104	29	63,50	1	013704536

## 1390HS

soft face hammers, wooden shafts with H-SAFE tethered system



UNI 7784

D	L	L1	€		
mm	mm	mm			
35	310	95	49,00	1	013904035
45	320	107	69,50	1	013904045

## 1392HS

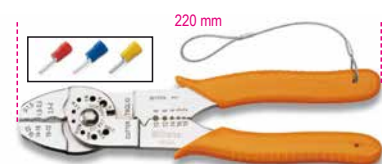
dead-blow hammers, with interchangeable plastic faces, steel shafts with H-SAFE tethered system



D	L	L1	€		
mm	mm	mm			
35	305	115	70,50	1	013924035
40	310	125	79,00	1	013924040
50	325	135	92,00	1	013924050
60	385	155	134,00	1	013924060

## 1602A-HS

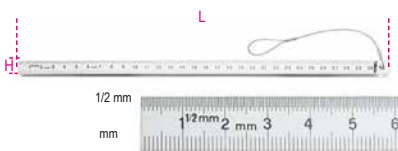
crimping pliers for insulated terminals, standard model with H-SAFE tethered system



L	A	B	€		
mm	mm	mm			
0÷6	220	42	75,00	1	016024005

## 1682HS

flexible graduated rules made from stainless steel with H-SAFE tethered system



L	H	±	€		
mm	mm	mm			
200	13	0,5	16,90	1	016824020
300	13	0,5	19,10	1	016824030

## 1692HS

measuring tapes, shock-resistant bi-material ABS casings, steel tapes, precision class II

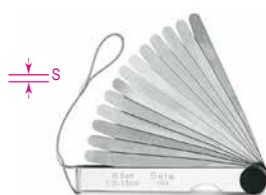
with H-SAFE tethered system



L	S	€		
m	mm			
3	16	22,80	1	016924053
5	19	27,00	1	016924055

## 1708HS/20

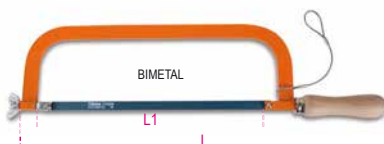
metric feeler gauges with H-SAFE tethered system



S	S	L	€		
mm	mm	mm			
0,05±1,0	0,002±0,040	105	25,00	1	017084020

## 1727HS

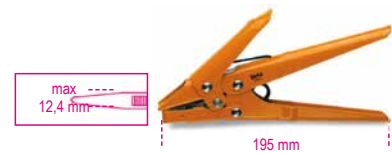
hacksaw frame, heavy series with H-SAFE tethered system



L	L1	€		
mm	mm			
515	300	34,50	1	017274001

## 1743HS

fitting tool for nylon ties with H-SAFE tethered system



L	A	B	€		
mm	mm	mm			
195	85	17	71,50	1	017434001

## 1750HS

lever operated grease guns with H-SAFE tethered system



1 g, 550 bar Max

cc	L	€		
mm	mm			
500	380	60,50	1	017504500

## 1760BHS

digital multimeter with H-SAFE tethered system



### SPECIFICATIONS

DC voltage: 200 mV-2/20/200/1000V  
 AC voltage: 2-20/200/700V  
 DC current: 2/20/200 mA-20 A  
 AC current: 2/200 mA- 20 A  
 Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ  
 Capacity: 2/20/200 nF - 2/200 μF  
 Temperature: -20° + 1000°C/ -4 °F ~ +2000°F  
 Frequency: 20kHz  
 Power supply: 1 9V battery (included)

1760BHS	€		
	238,50	1	017604012

### 1772H-HS

safety utility knife with retractable blade, supplied with 2 blades with H-SAFE tethered system



L mm	A mm	€	1	017724029
170	18	31,00		

### 1778S0S-HS

car service knife with window breaking hammer and seat belt cutter features in case with H-SAFE tethered system



L mm	A mm	L1 mm	€	1	017784080
205	25	85	50,00		

### 8871

safety belt with metal double closure buckle. To connect H-SAFE tools



L cm min-max	€	1	088710070
70 70-100	141,00		
100 100-135	152,50		1 088710100

### 8872A

fixed loop

• For belt item 8871



8872A 50	€	1	088720050
	24,70		

### 8872AS

strap loop

• For belt item 8871



8872AS 25	D mm	€	1	088720525
	25	22,80		

### 8873

tool bag with self-locking

• For belt item 8871

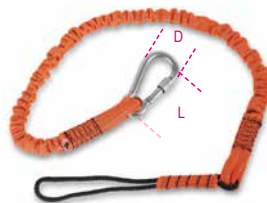


8873	€	1	088730230
	119,50		

### 8877

cushioned hook-up lace

• MAX 2.7 kg



8877 80	L cm min-max	DxL mm	€	1	088770080
	70-110	40x80	30,50		

### 8877M

cushioned hook-up lace

• With anti-winding joint  
• MAX 2.7 kg



8877M	L cm min-max	DxL mm	€	1	088770510
	20-140	30x60	54,50		

### 8879

strap wristband

• MAX 2.7 kg



8879	D mm	€	1	088790025
	30	35,00		

### 8880

hard hook-up lace

• With anti-winding joint



8880	L Cm	D mm	€	1	088800030
	30	10	27,50		

### 8883

tool bag

• Made of anti-abrasion nylon 840  
• MAX 20 kg  
• Snap link for stopping zip at top  
• 6 tool retaining strings  
• Interior pocket



8883	DxH cm	€	1	088830030
	30x40	289,00		





# STAINLESS STEEL TOOLS



**Stainless steel** is an alloy steel with a high chromium content.

Chromium forms a surface oxide film which protects metal and immediately reforms in case of chemical or mechanical damage.

We at **Beta Utensili** have relied on this unique characteristic to develop the **Beta Inox** tools, which are the name for high resistance to corrosion as well as remarkable **hygiene** and **low bacterial retentiveness**. Indeed, stainless steel tools **get less dirty and are cleaned better** than those made from other materials, and can be **autoclaved at 121 °C**.

The **Beta Inox** tools can be used in **critical environments** – that is, in areas where absolutely no contamination is permitted.

#### Fields of application:

- Nuclear applications
- Pharmaceutical production - class C
- Biotechnological and biomedical laboratories
- Food industry.

The **Beta Inox** tools avoid ferrous contamination, thus preventing improper **rust formation**. Whenever any tools made of ordinary carbon steel are used on stainless steel screws, nuts or surfaces, a few iron particles may come off the tools, which results in aesthetic problems (**iron moulds**). If neglected, these trigger localized corrosion. Using stainless steel tools will completely prevent polluting particles from spreading.



STAINLESS STEEL  
+ NO STAINLESS  
STEEL= RUST



STAINLESS STEEL  
+ STAINLESS  
STEEL= NO RUST

#### Fields of application:

- Shipyards
- Building
- Offshore applications
- Solar systems
- Car industry

#### Mechanical characteristics

Beta's tools are made of magnetic **steel AISI 420**. Its outstanding mechanical characteristics translate into tools whose performance far exceeds the standards and is comparable to that of Beta's other tools.

These tools share the same ergonomic properties and design as Beta's other tools, which have been known to, and appreciated by, professional users for over 80 years.

The containers are made of **steel AISI 304**, which can boast remarkable cold formability properties and even higher corrosion resistance.

#### Recyclability

Stainless steel is **100% recyclable**.

This is also a major plus.



Mark for stainless steel products  
Released by Centro Inox – Italian Stainless Steel  
Development Association  
– for products made of stainless steel.



## 34INOX

flat chisels,  
made of stainless steel



L mm	A mm	Ø mm	€	🔧	📦
160	18	18	43,00	1	000340318
200	20	20	63,50	1	000340320

## 39INOX

wedges,  
made of stainless steel



L mm	A mm	S mm	€	🔧	📦
100	50	10	30,00	1	000390310
150	50	13	54,00	1	000390315
200	40	40	158,00	1	000390320

## 42INOX

combination wrenches  
made of stainless steel



DIN 3113 - UNI ISO 7738

🔧 mm	L mm	€	🔧	📦
6x6	95	15,00	2	000420306
7x7	105	15,60	2	000420307
8x8	116	15,70	2	000420308
9x9	127	16,90	2	000420309
10x10	137	17,80	2	000420310
11x11	148	19,30	2	000420311
12x12	158	20,10	2	000420312
13x13	169	20,30	2	000420313
14x14	180	21,10	2	000420314
15x15	190	21,70	2	000420315
16x16	201	22,30	2	000420316
17x17	212	25,00	2	000420317
18x18	222	27,00	2	000420318
19x19	233	29,00	2	000420319
21x21	254	35,50	1	000420321
22x22	264	36,50	1	000420322
24x24	285	40,00	1	000420324
27x27	290	116,50	1	000420327
30x30	320	142,50	1	000420330
32x32	340	155,00	1	000420332
36x36	360	217,00	1	000420336
38x38	430	232,50	1	000420338
41x41	430	273,00	1	000420341
46x46	480	313,00	1	000420343
50x50	520	337,00	1	000420345
55x55	560	365,00	1	000420347
60x60	595	406,00	1	000420350



42INOX/S11	227,50	1	000420391
6-8-10-11-12-13-14-15-16-17-19 mm			



42INOX/SC9	198,50	1	000420387
8-10-11-12-13-14-15-17-19 mm			
42INOX/SCV9	10,40	1	000420303

## 42INOX-AS

combination wrenches,  
made of stainless steel



🔧	L mm	€	🔧	📦
1/4x1/4	95	18,00	1	000420356
5/16x5/16	116	18,20	1	000420358
3/8x3/8	137	21,90	1	000420360
7/16x7/16	148	23,60	1	000420361
1/2x1/2	169	24,30	1	000420363
9/16x9/16	180	26,00	1	000420364
5/8x5/8	201	27,50	1	000420366
11/16x11/16	212	32,00	1	000420367
3/4x3/4	233	35,00	1	000420369
13/16x13/16	254	40,00	1	000420371
7/8x7/8	264	42,00	1	000420372
15/16x15/16	285	47,50	1	000420373



42INOX-AS/S9	226,50	1	000420396
1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4			



## 96BPINOX

ball head offset hexagon key wrenches,  
made of stainless steel



mm	L mm	L1 mm	h g	€	🔧	📦
2	91	22	4	5,30	4	000961441
2,5	91	22	6	5,30	4	000961442
3	101	24	11	5,60	4	000961443
4	112	29	19	6,25	4	000961444
5	131	33	32	7,45	4	000961445
6	154	36	51	8,20	4	000961446
7	164	40	65	10,70	2	000961447
8	175	44	116	13,00	2	000961448
10	197	51	189	16,20	2	000961450



96BPINOX/B6	52,00	1	000961455
2,5-3-4-5-6-8 mm			
96BPINOX/B9	84,50	1	000961456
2-2,5-3-4-5-6-7-8-10 mm			
96BPINOX/BV	6,35	1	000961459

## 96BPINOX-AS

ball head offset hexagon key wrenches,  
made of stainless steel



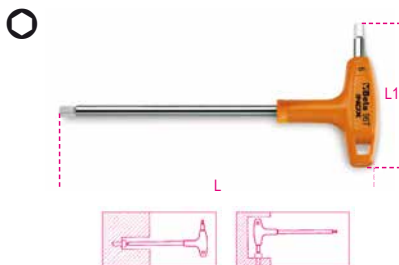
"	L mm	L1 mm	h g	€	🔧	📦
5/64	91	22	5,5	6,80	4	000961989
3/32	91	22	5,3	6,80	4	000961990
7/64	101	24	10,5	7,30	4	000961991
1/8	101	24	10,7	7,30	4	000961992
9/64	112	29	18,7	8,00	4	000961993
5/32	112	29	18,7	8,00	4	000961994
3/16	131	33	31,5	10,70	2	000961995
7/32	154	36	50,0	11,10	2	000961996
1/4	164	40	70,0	11,80	2	000961997
5/16	175	44	115,0	13,90	2	000961998
3/8	197	51	186,5	17,30	2	000961999



96BPINOX-AS/B8	82,50	1	000962000
5/64-3/32-1/8-5/32-3/16-7/32-1/4-5/16			
96BPINOX/BV	6,35	1	000961459

## 96TINOX

offset hexagon key wrenches,  
with high-torque handles,  
made of stainless steel



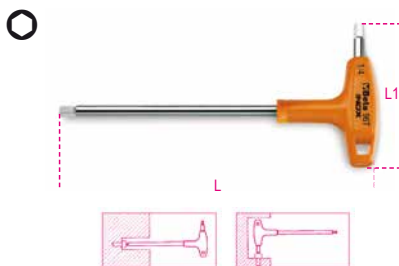
mm	L mm	L1 mm	€	🔧	📦
2,5	153	55	12,70	2	000961935
3	153	55	13,20	2	000961936
4	179	70	14,50	2	000961938
5	200	84	16,10	2	000961940
6	221	95	17,50	2	000961941
7	236	106	20,20	2	000961942
8	255	117	23,90	2	000961943
10	285	132	31,00	2	000961944



96TINOX/S5 2,5-3-4-5-6 mm	€ 74,00	🔧 1	📦 000961952
96TINOX/S8 2,5-3-4-5-6-7-8-10 mm	€ 149,00	🔧 1	📦 000961954

## 96TINOX-AS

offset hexagon key wrenches,  
with high torque handles,  
made of stainless steel



"	L mm	L1 mm	Ø mm	€	🔧	📦
3/32	153	55	3	13,90	2	000961861
7/64	153	55	4	14,20	2	000961862
1/8	179	70	4	16,00	2	000961863
9/64	179	70	5	16,30	2	000961864
5/32	200	84	6	17,20	2	000961865
3/16	200	84	6	18,40	2	000961866
7/32	221	103	7	21,50	2	000961867
1/4	236	106	8	22,50	2	000961868
5/16	255	117	10	27,50	2	000961869
3/8	285	132	12	30,00	2	000961870



96TINOX-AS/S7 3/32-1/8-5/32-3/16-7/32-1/4-5/16	€ 137,00	🔧 1	📦 000961877
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## 111INOX

adjustable wrenches,  
made of stainless steel



DIN 3117 - ISO 6787

L mm	L "	A max mm	A1 mm	€	🔧	📦
150	6	18	45	92,00	1	001110315
200	8	24	58	119,50	1	001110320
250	10	30	70	149,00	1	001110325

## 362INOX

heavy-duty pipe wrenches,  
made of stainless steel



L mm	Ø max mm	€	🔧	📦
300	58	201,50	1	003620430

## 920INOX-A

hexagon hand sockets,  
made of stainless steel



DIN 3124 - UNI ISO 2725

Ø mm	Ø mm	A mm	L mm	€	🔧	📦
8	15	10	40	32,00	2	009203008
9	16	10	40	34,00	2	009203009
10	17	10	40	35,50	2	009203010
11	18	11	40	37,50	2	009203011
12	19	11	40	40,00	2	009203012
13	20	11	40	42,50	2	009203013
14	21	11	40	44,50	2	009203014
15	23	11	40	47,00	2	009203015
16	24	11	40	49,00	2	009203016
17	25	11	40	50,50	2	009203017
18	26	13	42	52,50	2	009203018
19	28	13	42	54,50	2	009203019
20	29	13	42	58,00	1	009203020
21	30	13	43	59,00	1	009203021
22	31	15	43	59,50	1	009203022
24	34	15	43	69,00	1	009203024
27	38	18	46	85,00	1	009203027
30	42	20	46	100,50	1	009203030
32	44	20	46	113,50	1	009203032

## 920/55INOX

1/2" drive reversible ratchet,  
72 teeth,  
made of stainless steel



L mm	Ø mm	A mm	€	🔧	📦
264	40	43	244,50	1	009203882

## 920/R55INOX

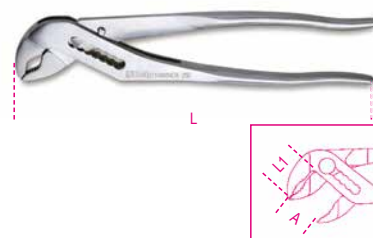
12"  
72



920/R55INOX	€ 87,00	🔧 1	📦 009203879
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## 1048INOX

slip joint pliers, boxed joints,  
made of stainless steel  
• 7-position model



L mm	A max mm	L1 mm	€	🔧	📦
250	33	33	156,00	1	010480325

## 1082INOX

diagonal cutting nippers,  
made of stainless steel



L mm	L1 mm	🔧	€	🔧	📦
150	20,0	1,6	113,00	1	010820350

## 1150INOX

heavy-duty combination pliers,  
made of stainless steel  
decentralized pin  
open joint



L mm	L1 mm	€	🔧	📦
180	39	110,50	1	011500518

## 1153INOX

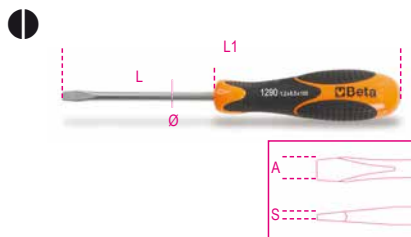
adjustable pliers, two positions,  
made of stainless steel



L mm	L1 mm	€	🔧	📦
150	26	108,00	1	011530315

## 1290INOX

screwdrivers for slotted head screws  
made of stainless steel



ISO 2380

SxAxL mm	L1 mm	Ø mm	€	🔧	📦
0,4x2,5x50	146	2.5	9,30	4	012900403
0,5x3x75	171	3.0	9,55	4	012900409
0,8x4x100	196	4.0	9,95	4	012900430
1,0x5,5x150	259	5.0	12,60	4	012900442
1,2x6,5x150	270	6.0	14,50	4	012900451

## 1292INOX

screwdrivers for cross head Phillips® screws,  
made of stainless steel



ISO 8764

PHxDxL mm	L1 mm	€	🔧	📦
0x3x60	156	8,70	4	012920403
1x4,5x80	189	10,30	4	012920409
2x6x100	220	12,60	4	012920418

## 1293INOX/D8

screwdriver set  
made of stainless steel



1293INOX/D8	€	🔧	📦
1293INOX/D8	87,50	1	012930408
1290INOX	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x150-		
1292INOX	1,2x6,5x150 mm PH0x60-PH1x80 PH2x100 mm		

## 1370INOX

engineer's hammer,  
made of stainless steel



g	A mm	L mm	L1 mm	€	🔧	📦
500	25	240	101	97,50	1	013700375

## 1377INOX

ball pein hammers,  
round heads,  
for coppersmiths and tinsmiths,  
made of stainless steel



g	L mm	L1 mm	€	🔧	📦
230	220	82	57,00	1	013770623
340	220	90	82,00	1	013770634

## 1730INOX

universal spatula,  
made from stainless steel



A mm	L mm	€	🔧	📦
50	200	50,00	1	017300450

## C20TSS

five-section cantilever tool box, made of AISI  
304 stainless steel



C20TSS	€	🔧	📦
C20TSS	304,00	1	021203001

📏: 450x200x210 mm - 🏠: 4kg

# Beta



## C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel,  
Non-marking wheels

Main features:

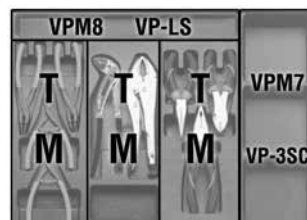
- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

63 kg

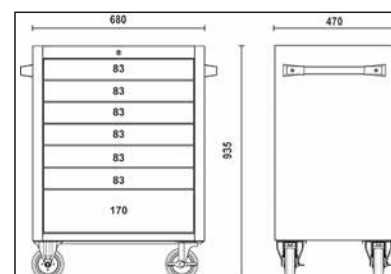
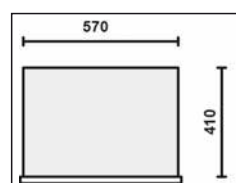
**Beta**  
**INOX**  
STAINLESS STEEL



700  
kg



h	max
83 mm	25 kg
170 mm	30 kg



C04TSS/7

€ 2.720,00



024003077

# SPARK-PROOF TOOLS



## Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.



The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.



**WARNING!**  
Risk of explosion in **ACETYLENE** environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

### CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK

ATEX	CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK	
	MEDIUM-LOW	EXTREMELY LOW
GASES	<b>ZONE 1</b> An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	<b>ZONE 2</b> An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
	<b>ZONE 21</b> An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	<b>ZONE 22</b> An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
DUSTS		

## 30BA sparkproof drift punches



Ø mm	L mm	S mm	€	U	PC
5	150	15	64,50	1	000300806
8	150	17	79,50	1	000300808
10	150	19	98,50	1	000300810

## 31BA sparkproof pin punches



Ø mm	L mm	€	U	PC
3	110	28,00	1	000310853
4	110	60,50	1	000310854
6	115	92,00	1	000310856
8	120	104,50	1	000310858

## 31BA/C sparkproof drift punches



Ø mm	Ø1 mm	L mm	€	U	PC
*6	12	150	37,50	1	000310876
*7	13	150	44,50	1	000310877
*12	18	175	94,50	1	000310882
*13	29	255	297,00	1	000310883

## 32BA sparkproof centre punch



Ø mm	L mm	€	U	PC
14	150	89,00	1	000320811

## 34BA sparkproof flat chisels



L mm	A mm	€	U	PC
200	22	120,50	1	000340801
250	24	201,50	1	000340803
300	25	271,00	1	000340802

## 39BA

sparkproof wedges



L mm	A mm	€	🔧	📦
150	40	52,50	1	000390801
230	40	177,00	1	000390802
250	40	277,00	1	000390803

## 42BA

sparkproof combination wrenches, open bi-hex ring ends



mm	L mm	€	🔧	📦
6x6	105	56,00	1	000420806
7x7	105	63,50	1	000420807
8x8	120	70,50	1	000420808
9x9	120	81,00	1	000420809
10x10	135	87,50	1	000420810
11x11	135	92,00	1	000420811
12x12	150	101,00	1	000420812
13x13	150	104,50	1	000420813
14x14	175	109,50	1	000420814
15x15	175	115,00	1	000420815
16x16	195	119,50	1	000420816
17x17	200	125,50	1	000420817
18x18	215	140,50	1	000420818
19x19	220	143,50	1	000420819
20x20	230	149,50	1	000420820
21x21	240	158,50	1	000420821
22x22	250	169,00	1	000420822
24x24	268	196,00	1	000420824
26x26	290	236,50	1	000420826
27x27	290	263,00	1	000420827
28x28	290	309,00	1	000420828
30x30	313	316,00	1	000420830
32x32	333	347,00	1	000420832
34x34	360	379,00	1	000420834
35x35	360	429,00	1	000420835
36x36	355	448,00	1	000420836
38x38	430	472,00	1	000420838
41x41	430	555,00	1	000420841
46x46	480	650,00	1	000420846
50x50	520	688,00	1	000420850
55x55	560	757,00	1	000420855
60x60	580	808,00	1	000420860
*65x65	595	921,00	1	000420865
*70x70	630	1.034,00	1	000420870

## 42BA-AS

sparkproof combination wrenches, open bi-hex ring ends



mm	L mm	€	🔧	📦
9/32x9/32	120	60,50	1	000420946
5/16x5/16	120	60,50	1	000420947
11/32x11/32	135	77,00	1	000420948
3/8x3/8	128	81,00	1	000420950
7/16x7/16	135	92,00	1	000420951
15/32x15/32	140	101,50	1	000420949
1/2x1/2	140	105,50	1	000420953
9/16x9/16	163	114,00	1	000420954

mm	L mm	€	🔧	📦
*19/32x19/32	195	137,00	1	000420955
5/8x5/8	177	138,00	1	000420956
11/16x11/16	195	147,50	1	000420957
3/4x3/4	215	151,50	1	000420959
13/16x13/16	230	177,00	1	000420961
7/8x7/8	235	183,50	1	000420962
15/16x15/16	256	204,00	1	000420964
*31/32x31/32	265	224,50	1	000420963
1x1	266	221,00	1	000420965
1.1/16x1.1/16	283	249,00	1	000420967
1.1/8x1.1/8	297	328,00	1	000420969
1.3/16x1.3/16	308	354,00	1	000420970
1.1/4x1.1/4	324	417,00	1	000420973
*1.7/16x1.7/16	360	505,00	1	000420976

## 55BA

sparkproof double open end wrenches



mm	L mm	€	🔧	📦
6x7	90	38,50	1	000550801
8x9	100	41,50	1	000550802
8x10	100	43,00	1	000550795
9x11	110	46,00	1	000550797
10x11	120	49,00	1	000550803
12x13	130	61,50	1	000550804
*12x14	130	74,50	1	000550846
13x14	133	74,00	1	000550799
14x15	145	74,50	1	000550805
14x17	150	79,50	1	000550806
16x17	165	80,50	1	000550807
17x19	170	105,50	1	000550847
18x19	170	108,00	1	000550809
*19x22	185	123,00	1	000550810
20x22	185	124,00	1	000550811
21x23	210	135,00	1	000550813
22x24	210	161,00	1	000550815
24x26	230	189,00	1	000550817
24x27	230	201,50	1	000550818
25x28	230	218,50	1	000550819
27x29	246	256,00	1	000550820
30x32	265	299,00	1	000550822
36x38	320	379,00	1	000550826
36x41	335	417,00	1	000550828
41x46	355	518,00	1	000550829
*46x50	370	593,00	1	000550830
*50x55	385	631,00	1	000550831
*55x60	415	783,00	1	000550832

## 55BA-AS

sparkproof double open end wrenches



mm	L mm	€	🔧	📦
3/8x7/16	110	50,50	1	000550853
1/2x9/16	130	60,50	1	000550854
5/8x11/16	160	89,00	1	000550857
3/4x13/16	180	109,50	1	000550859
7/8x15/16	210	154,00	1	000550865
1x1.1/16	230	208,50	1	000550868
1.1/8x1.3/16	245	271,00	1	000550870
1.1/4x1.5/16	255	321,00	1	000550872

## 58BA

sparkproof open end slogging wrenches



mm	L mm	€	🔧	📦
17	125	103,50	1	000580817
19	125	107,50	1	000580819
22	135	108,00	1	000580822
24	150	121,50	1	000580824
27	165	149,00	1	000580827
30	180	187,00	1	000580830
32	190	218,50	1	000580832
*34	200	250,00	1	000580834
36	210	259,00	1	000580836
38	220	285,00	1	000580838
41	230	321,00	1	000580841
46	240	384,00	1	000580846
50	255	436,00	1	000580850
*55	305	543,00	1	000580855
*60	315	631,00	1	000580860
*65	335	733,00	1	000580865
*70	370	884,00	1	000580870
*75	375	1.023,00	1	000580875
*80	400	1.225,00	1	000580880
*85	400	1.440,00	1	000580885
*90	445	1.710,00	1	000580890
*95	445	1.980,00	1	000580895
*100	485	2.295,00	1	000580900
*110	513	2.840,00	1	000580901

## 58BA-AS

sparkproof double open end slogging wrenches



mm	L mm	A mm	S mm	€	🔧	📦
*11/16	125	40,5	11,0	114,00	1	000580904
*3/4	125	40,5	11,0	116,00	1	000580905
*7/8	135	46,2	12,0	119,00	1	000580906
*15/16	150	50,3	12,0	136,00	1	000580907
*31/32	150	50,3	12,0	152,50	1	000580954
*1	175	56,9	15,0	158,00	1	000580908
*1.1/8	190	64,0	15,5	203,00	1	000580909
*1.1/4	190	64,0	15,5	238,50	1	000580910
*1.7/16	210	75,0	18,5	277,00	1	000580912
*1.1/2	220	82,0	18,5	329,00	1	000580913
*1.5/8	230	86,8	18,5	354,00	1	000580914
*1.3/4	250	98,0	20,	448,00	1	000580970

## 78BA

sparkproof bi-hex ring slogging wrenches



mm	L mm	€	🔧	📦
17	145	108,00	1	000780817
19	145	118,50	1	000780819
22	165	120,50	1	000780822
24	140	147,50	1	000780824
27	155	169,00	1	000780827
30	165	196,00	1	000780830
32	180	212,00	1	000780832
34	192	233,50	1	000780834
36	208	259,00	1	000780836
38	215	303,00	1	000780838
41	225	360,00	1	000780841
46	245	403,00	1	000780846
50	250	467,00	1	000780850
55	265	543,00	1	000780855
60	275	587,00	1	000780860
65	295	631,00	1	000780865



mm	L mm	€	1	000780870
70	310	714,00	1	000780870
75	325	802,00	1	000780875
80	340	859,00	1	000780880
*85	355	1.092,00	1	000780885
*90	380	1.285,00	1	000780890
*95	390	1.490,00	1	000780895
*100	410	1.700,00	1	000780900
*105	420	1.880,00	1	000780903
*110	445	2.145,00	1	000780901
*120	480	2.540,00	1	000780902

### 78BA-AS

sparkproof bi-hex ring slogging wrenches



mm	L mm	€	1	000780908
11/16	145	107,00	1	000780908
3/4	145	110,50	1	000780909
7/8	155	124,00	1	000780935
15/16	165	137,00	1	000780936
*31/32	165	160,00	1	000780937
1	175	160,00	1	000780938
*1.1/16	175	190,00	1	000780939
1.1/8	180	191,50	1	000780940
1.3/16	185	199,50	1	000780941
1.1/4	177	217,00	1	000780910
*1.5/16	200	221,00	1	000780954
*1.3/8	205	231,00	1	000780911
1.7/16	208	288,00	1	000780912
*1.1/2	215	300,00	1	000780913
*1.9/16	225	373,00	1	000780947
*1.11/16	225	393,00	1	000780962
1.5/8	225	365,00	1	000780914
*1.3/4	235	403,00	1	000780963
1.13/16	243	417,00	1	000780916
1.7/8	235	472,00	1	000780915
2	254	491,00	1	000780918
2.3/16	264	574,00	1	000780920
2.3/8	275	625,00	1	000780922
*2.9/16	286	650,00	1	000780924
*2.15/16	311	788,00	1	000780926
*3.1/8	325	915,00	1	000780928
*3.1/2	355	1.155,00	1	000780930

### 89BA

spark-proof single ring wrenches



mm	L mm	€	1	000890810
10	200	122,50	1	000890810
11	210	127,00	1	000890811
12	220	131,50	1	000890812
13	230	135,00	1	000890813
14	240	137,00	1	000890814
16	260	147,50	1	000890816
17	270	152,50	1	000890817
18	280	164,50	1	000890818
19	300	170,00	1	000890819
20	310	212,00	1	000890820
22	330	212,00	1	000890822
24	350	232,50	1	000890824
27	370	287,00	1	000890827
30	400	321,00	1	000890830
32	420	338,00	1	000890832

### 90BA

sparkproof double ended offset ring wrenches



mm	L mm	€	1	000900801
6x7	122	39,00	1	000900801
8x9	128	50,50	1	000900802
10x11	155	57,00	1	000900803
12x13	175	67,00	1	000900806
12X14	180	71,50	1	000900807
14x15	200	80,50	1	000900808
14x17	220	82,00	1	000900809
16x17	230	96,50	1	000900811
16x18	235	96,50	1	000900812
17X19	250	99,50	1	000900814
18x19	265	109,50	1	000900815
19x22	280	115,00	1	000900817
20x22	295	130,50	1	000900818
21x23	298	138,00	1	000900820
22x24	315	167,00	1	000900821
24x26	333	214,50	1	000900822
24x27	340	214,50	1	000900823
30x32	395	316,00	1	000900824
34x36	410	448,00	1	000900826
*36x41	450	606,00	1	000900828
*41x46	470	744,00	1	000900829
*46x50	490	826,00	1	000900830

### 91BA

sparkproof heavy duty offset ring wrenches



mm	Ø mm	€	1	000910824
24	38	259,00	1	000910824
27	42	309,00	1	000910827
30	48	354,00	1	000910830
32	49	395,00	1	000910832
36	54	429,00	1	000910836
41	62	481,00	1	000910841
*46	69	638,00	1	000910846
*50	75	682,00	1	000910850
*55	82	788,00	1	000910855

### 92BA

sparkproof tubes for item 91BA



	L mm	91BA mm	Ø mm	€	1	000920810
92BA/1	460	24÷30	25	306,00	1	000920810
92BA/2	610	32÷41	28	395,00	1	000920820
*92BA/3	760	46÷55	32	531,00	1	000920830

### 93BA

ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



mm	L mm	€	1	000930821
21x22	345	638,00	1	000930821

### 95BA

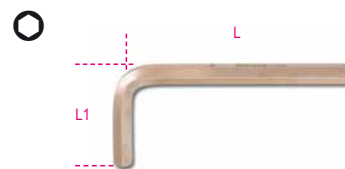
double ended flat ring wrenches, sparkproof



mm	L mm	€	1	000950801
7x9	115	38,50	1	000950801
8x10	115	43,00	1	000950802
10x11	140	47,50	1	000950804
10x12	140	56,00	1	000950805
12x14	145	64,50	1	000950806
14x17	165	77,00	1	000950807
*16x18	170	100,00	1	000950809
*17x19	185	87,50	1	000950808
*18x19	185	109,50	1	000950810
*19x22	200	136,00	1	000950812
*21x23	230	150,00	1	000950815
*24x27	255	191,50	1	000950817
*30x32	295	288,00	1	000950820

### 96BA

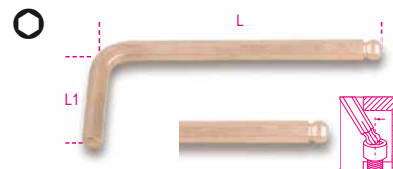
sparkproof offset hexagon key wrenches



mm	L mm	L1 mm	€	1	000960760
1,5	50	17	79,50	1	000960760
2	50	16	81,00	1	000960762
2,5	56	20	87,00	1	000960761
3	63	21	88,50	1	000960763
4	69	25	93,00	1	000960764
5	78	29	96,50	1	000960765
6	88	33	98,50	1	000960766
7	93	34	103,50	1	000960767
8	97	36	109,50	1	000960768
9	104	37	114,50	1	000960769
10	110	39	118,50	1	000960770
11	118	42	126,00	1	000960771
12	122	44	144,00	1	000960772
14	150	58	161,00	1	000960774
15	156	60	170,00	1	000960775
16	162	63	187,00	1	000960776
17	168	65	196,00	1	000960777
19	177	72	219,50	1	000960779
22	186	77	257,00	1	000960802
24	192	82	297,00	1	000960804

### 96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm	€	1	000961800
1,5	50	16	81,50	1	000961800
2	50	16	82,00	1	000961801
2,5	63	20	92,50	1	000961802
3	60	20	93,00	1	000961803
3,5	70	25	97,00	1	000961799
4	66	25	97,50	1	000961804
5	75	28	99,50	1	000961805
6	84	32	102,50	1	000961806
8	92	36	111,50	1	000961808
10	102	40	120,50	1	000961810
12	113	45	149,00	1	000961812

## 96BAF-AS

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm	€	Hand	PC
*1/16	59	25	64,50	1	000962831
*5/64	59	25	66,50	1	000962832
*3/32	59	25	69,50	1	000962833
*7/64	59	25	72,00	1	000962834
*1/8	59	25	75,00	1	000962835
*9/64	64	29	81,00	1	000962836
*5/32	65	30	83,50	1	000962837
*3/16	79	31	88,50	1	000962838
*7/32	85	37	92,00	1	000962839
*1/4	85	37	96,50	1	000962840
*5/16	92	44	104,00	1	000962842
*3/8	110	45	113,00	1	000962844
*7/16	119	48	120,50	1	000962845
*1/2	140	55	147,50	1	000962846
*9/16	150	58	169,00	1	000962847

## 99BA

sparkproof hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



mm	A mm	€	Hand	PC
32-75	4,0	209,50	1	000990803
50-120	4,5	329,00	1	000990805
115-170	4,5	531,00	1	000990811

## 110BA

sparkproof adjustable wrenches



L mm	A max mm	€	Hand	PC
100	13	155,00	1	001100810
150	18	178,00	1	001100815
200	24	209,50	1	001100820
250	30	253,00	1	001100825
300	36	355,00	1	001100830
375	46	478,00	1	001100837
*450	55	669,00	1	001100845
*600	65	1.117,00	1	001100860

## 330BA

sparkproof pipe cutters for gas pipes



330BA/2	Ø max mm	L mm	€	Hand	PC
	50 mm 2"	375	815,00	1	003300802

## 330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA /2-R	€	Hand	PC
	82,00	1	003300822

## 363BA

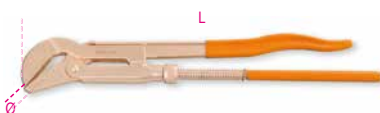
sparkproof heavy duty pipe wrenches



L mm	Ø max mm	Ø max mm	€	Hand	PC
150	1/2" gas	20	264,00	1	003630815
200	1" gas	30	265,00	1	003630820
250	1 1/2 gas	49	309,00	1	003630825
300	2" gas	60	393,00	1	003630830
350	2" gas	60	486,00	1	003630835
450	2 1/2 gas	76	738,00	1	003630845
600	3" gas	90	1.028,00	1	003630860

## 378BA

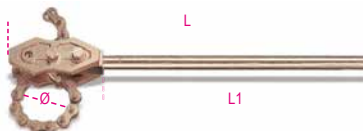
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max * mm	€	Hand	PC
430	1" 1/2 gas	804,00	1	003780800
530	2" gas	991,00	1	003780801

## 386BA

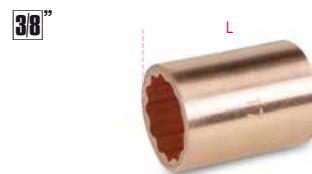
sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	L1 mm	€	Hand	PC
600	100	470	1.215,00	1	003860806
900	200	750	2.015,00	1	003860809

## 911BA

bi-hex hand sockets, spark-proof



mm	L mm	€	Hand	PC
6	28	53,50	1	009110806
7	28	57,00	1	009110807
8	28	61,50	1	009110808
9	28	65,50	1	009110809
10	32	89,00	1	009110810
11	32	93,50	1	009110811
12	32	99,00	1	009110812
13	32	103,50	1	009110813
14	32	110,00	1	009110814
15	32	110,50	1	009110815
16	32	116,00	1	009110816
17	32	120,50	1	009110817
18	32	122,50	1	009110818
19	32	127,00	1	009110819

## 911BA/16

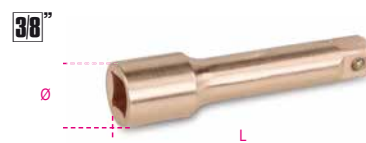
adaptor, 3/8" female and 1/2" male drives, spark-proof



L mm	Drive	€	Hand	PC
34	3/8 1/2	113,00	1	009110836

## 911BA/20

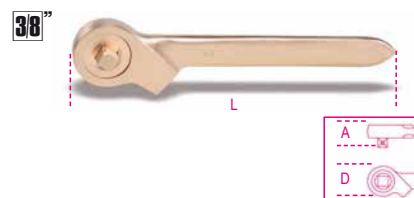
extension bar, 3/8" male and female drives, spark-proof



L mm	€	Hand	PC
75	91,00	1	009110840

## 911BA/55

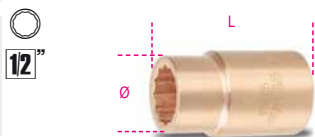
3/8" push-through drive ratchet, spark-proof



L mm	D mm	A mm	€	Hand	PC
200	45	16,5	194,00	1	009110882

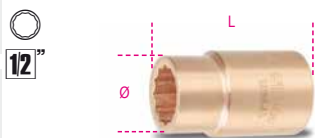


**921BA**  
sparkproof bi-hex sockets



mm	Ø mm	L mm	€	1	009210808
8	24,0	40	80,50	1	009210808
9	24,0	40	85,00	1	009210809
10	16,5	40	97,00	1	009210810
11	17,5	40	100,00	1	009210811
12	18,5	40	107,00	1	009210812
13	19,5	40	113,00	1	009210813
14	20,0	40	115,00	1	009210814
15	21,5	40	119,50	1	009210815
16	24,0	40	123,50	1	009210816
17	25,0	40	128,00	1	009210817
18	25,0	40	133,00	1	009210818
19	28,0	42	137,00	1	009210819
20	29,0	42	144,00	1	009210820
21	30,0	43	146,50	1	009210821
22	30,5	43	152,50	1	009210822
24	34,0	43	179,00	1	009210824
25	36,0	43	194,00	1	009210825
26	37,5	43	207,50	1	009210826
27	37,5	45	217,00	1	009210827
28	38,9	46	227,00	1	009210828
30	41,5	46	256,00	1	009210830
32	43,5	46	282,00	1	009210832

**921BA-AS**  
sparkproof bi-hex sockets



"	Ø mm	L mm	€	1	009210958
5/16	24,0	40	86,00	1	009210958
3/8	24,0	40	92,50	1	009210960
7/16	24,0	40	101,00	1	009210961
1/2	24,0	40	108,00	1	009210963
9/16	24,0	40	113,00	1	009210964
5/8	25,0	40	128,00	1	009210966
11/16	25,5	40	138,00	1	009210967
3/4	28,0	42	152,50	1	009210969
13/16	30,0	43	161,00	1	009210971
7/8	31,5	43	176,00	1	009210972
15/16	34,0	43	186,00	1	009210974
1	36,0	43	207,50	1	009210975
1.1/16	38,0	46	223,00	1	009210977
1.1/4	42,0	46	297,00	1	009210982
1.7/16	50,5	50	365,00	1	009210986

**921BA/15**  
adaptor,  
1/2" female and 3/8" male drives,  
spark-proof



L mm	□	■	€	1	009210839
34	1/2	3/8	102,00	1	009210839

**921BA/16**  
adaptor, 1/2" female and 3/4" male  
drives, sparkproof



L mm	□	■	€	1	009210840
34	1/2	3/4	134,00	1	009210840

**921BA/21 - 921BA/22**  
sparkproof 1/2" wobble extension bars



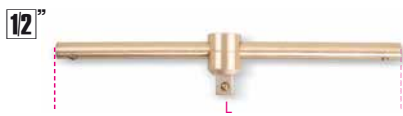
	L mm	Ø mm	€	1	009210842
921BA/21	125	30	136,00	1	009210842
921BA/22	250	31	190,00	1	009210844

**921BA/25**  
sparkproof 1/2" drive universal joint



L mm	Ø mm	□	■	€	1	009210845
80	25	1/2	1/2	138,00	1	009210845

**921BA/42**  
sparkproof 1/2" drive sliding T handle



L mm	€	1	009210846
250	224,50	1	009210846

**921BA/50**  
sparkproof 1/2" drive  
push-through square ratchet



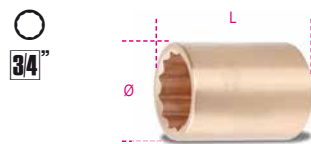
L mm	D mm	A mm	€	1	009210850
250	45	16,5	259,00	1	009210850

**921BA/R50**  
sparkproof  
spare set



1/2"	€	1	009210851
	77,00	1	009210851

**926BA**  
sparkproof bi-hex hand sockets



mm	Ø mm	L mm	€	1	009260822
22	40	55	169,00	1	009260822
24	40	55	189,00	1	009260824
26	40	55	214,50	1	009260826
27	40	55	227,00	1	009260827
28	41	55	265,00	1	009260828
30	43	60	271,00	1	009260830
32	45	60	303,00	1	009260832
34	48	60	322,00	1	009260834
36	50	60	349,00	1	009260836
38	53	60	373,00	1	009260838
41	57	65	409,00	1	009260841
46	63	65	486,00	1	009260846
50	68	70	533,00	1	009260850

**926BA/15**  
adaptor, 3/4" female and 1/2" male  
drives, sparkproof



L mm	□	■	€	1	009260861
55	3/4	1/2	134,00	1	009260861

**926BA/22**  
sparkproof 3/4" drive extension bars



926BA/22	L mm	Ø mm	€	1	009260872
	200	38	271,00	1	009260872

**926BA/42**  
sparkproof 3/4" drive slide T-handle



L mm	€	1	009260876
400	393,00	1	009260876



## 926BA/50

sparkproof 3/4" push-through drive ratchet



L	D	A	€		
mm	mm	mm			
300	61	22	403,00	1	009260880

## 926BA/R50

sparkproof spare set



3/4"	€		
	128,00	1	009260881

## 937BA

hexagon socket wrenches, sparkproof



Ø	L	A	€		
mm	mm	mm			
13	240	45	100,00	1	009370813
17	260	51	145,00	1	009370817
19	270	55	151,50	1	009370819
22	278	59	198,50	1	009370822
24	286	63	212,00	1	009370824
27	294	69	225,50	1	009370827
30	302	75	249,00	1	009370830
32	310	81	271,00	1	009370832
*36	330	85	319,00	1	009370836
*41	350	90	385,00	1	009370841

## 951BA

T-handle wrenches with hexagon male ends, sparkproof



mm	L	L1	€		
mm	mm	mm			
4	100	90	169,00	1	009510904
5	100	90	177,00	1	009510905
6	100	90	187,00	1	009510906

## 961BA

sparkproof scrapers



L	A	€		
mm	mm			
250	39	149,00	1	009610802
350	55	224,50	1	009610806

## 963BA

sparkproof pry bars with pointed and flat bent ends



L	A	€		
mm	mm			
500	24	416,00	1	009630801
*800	24	652,00	1	009630803
*1000	30	1.380,00	1	009630805

## 964BA

sparkproof wrench bungs



L	€		
mm			
385	393,00	1	009640801

## 964BA/L

universal shears for barrels, sparkproof

For opening edged metal barrels



*964BA/L	L	€		
	mm			
	510	1.985,00	1	009640821

## 965BA

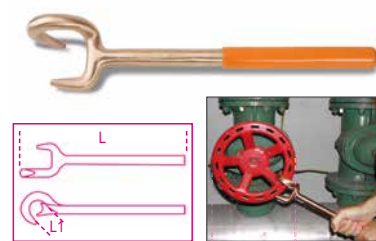
safety valve wrenches, sparkproof



A	A1	L	€		
mm	mm	mm			
30	44	200	172,00	1	009650830
32	50	300	240,50	1	009650832
35	47	250	196,00	1	009650835
40	50	300	225,50	1	009650840
45	58	350	291,00	1	009650845
48	62	375	303,00	1	009650848
50	67	400	333,00	1	009650850
55	73	450	398,00	1	009650855
60	79	500	429,00	1	009650860
*65	82	550	481,00	1	009650865
*70	85	600	531,00	1	009650870

## 966BA

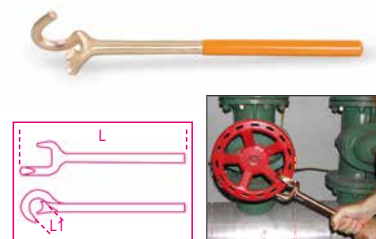
sparkproof safety valve wrench



L	L1	Ø min+max	€		
mm	mm	mm			
350	40	50+150	377,00	1	009660801

## 966BA/V

sparkproof safety valve wrenches



L	L1	Ø min+max	€		
mm	mm	mm			
370	36	125+250	377,00	1	009660812
430	48	250+400	543,00	1	009660814

## 1032BA

sparkproof internal circlip pliers, straight pattern, PVC-coated handles



L	Ø	€		
mm	mm			
200	40+100	245,50	1	010320820

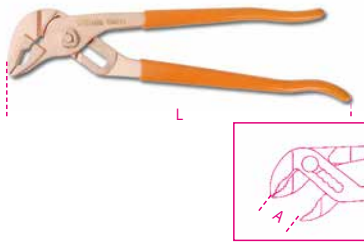
## 1036BA

sparkproof external circlip pliers, straight pattern, PVC-coated handles



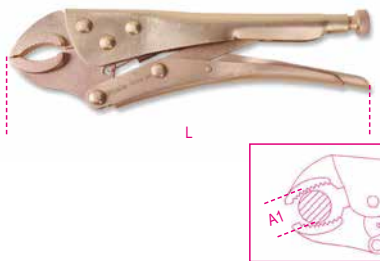
L	Ø	€		
mm	mm			
200	40+100	245,50	1	010360820

**1046BA**  
sparkproof slip joint pliers



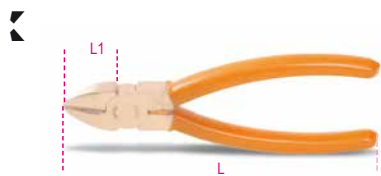
L mm	A max mm	€	🔧	📄
250	32	321,00	1	010460801
★300	52	423,00	1	010460803

**1052BA**  
adjustable self-locking pliers,  
concave jaws, sparkproof



L mm	A1 max mm	€	🔧	📄
225	40,0	316,00	1	010520824

**1082BA**  
sparkproof diagonal cutting nippers



L mm	L1 mm	€	🔧	📄
160	22	230,00	1	010820801

**1100BA**  
bolt cutters,  
spark-proof



L mm	€	🔧	📄
600	1.645,00	1	011000860

**1137BA**  
blasting pliers



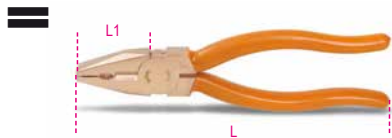
L mm	L1 mm	€	🔧	📄
185	30	427,00	1	011370801

**1137BA/RC**  
spare blade for item 1137BA



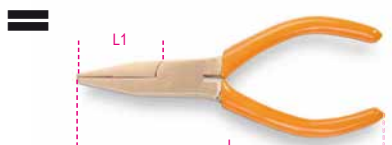
1137BA/RC	€	🔧	📄
	82,00	1	011370851

**1150BA**  
sparkproof combination pliers



L mm	L1 mm	€	🔧	📄
200	40	270,00	1	011500820

**1162BA**  
sparkproof extra-long flat knurled nose pliers



L mm	L1 mm	€	🔧	📄
150	54	212,00	1	011620815

**1166BA**  
sparkproof extra-long needle knurled nose pliers



L mm	L1 mm	€	🔧	📄
150	54	212,00	1	011660815

**1270BA**  
sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm	€	🔧	📄
3x75	178	38,50	1	012700803
4x100	209	47,50	1	012700804
5x150	250	63,50	1	012700805
6x150	270	67,00	1	012700806
10x250	382	102,00	1	012700810
8x200	312	76,00	1	012700808

**1272BA**  
sparkproof screwdrivers  
for cross head Phillips® screws



PHxDxL mm	L1 mm	€	🔧	📄
1x5x100	209	53,00	1	012720801
2x6x150	270	68,00	1	012720802
3x8x200	332	81,50	1	012720803

**1277BA**  
screwdrivers for Torx® head screws,  
sparkproof



Ø	L mm	L1 mm	Ø mm	€	🔧	📄
T10	75	184	5	50,50	1	012770810
T15	75	184	5	54,50	1	012770815
T20	100	209	6	74,00	1	012770820
T25	125	209	6	78,00	1	012770825
T30	150	270	6	86,00	1	012770830
T40	200	332	8	114,00	1	012770840

**1370BA**  
sparkproof engineer's hammers,  
wooden shafts



g	A mm	L mm	L1 mm	€	🔧	📄
500	30	310	108	142,00	1	013700805
1000	35	340	137	250,00	1	013700810

### 1370BA/MR

spare shafts for item 1370BA

	€		
1370BA/MR 500	23,90	1	013700865
1370BA/500			
1370BA/MR 1000	29,50	1	013700870
1370BA/1000			

### 1370BA/PL

sparkproof engineer's hammers, fibre shafts



g	A mm	L mm	L1 mm	€		
500	30	310	108	142,00	1	013700815
1000	35	340	137	250,00	1	013700820

### 1375BA/PL

sparkproof ball pein and claw hammer, wooden shaft



g	L mm	L1 mm	Ø mm	€		
680	321	125	30	182,50	1	013750800

### 1377BA

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm	€		
340	90	280	91,00	1	013770834

### 1377BA/PL

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm	€		
340	90	280	91,00	1	013770884

### 1379BA

sparkproof scraping hammer, wooden shaft



g	L1 mm	L mm	€		
500	142	315	177,00	1	013790850

### 1380BA

sparkproof lump hammers, wooden shafts



g	L1 mm	L mm	€		
1000	100	400	306,00	1	013800810
1500	118	400	373,00	1	013800815
2000	126	400	491,00	1	013800820

### 1380BA/MR

spare shafts for item 1380BA

	€		
1380BA/MR 1000	31,00	1	013800860
1380BA/1000			
1380BA/MR 1500	31,00	1	013800865
1380BA/1500			
1380BA/MR 2000	31,00	1	013800870
1380BA/2000			

### 1380BA/PL

sparkproof mason club hammers, fibre shafts



g	L1 mm	L mm	€		
500	80	310	152,50	1	013800955
1000	94	350	285,00	1	013800960
1500	115	400	409,00	1	013800965
2000	125,5	400	536,00	1	013800970

### 1381BA

sparkproof sledge hammers, wooden shafts



g	L1 mm	L mm	€		
5000	179	900	1.143,00	1	013810850
★8000	190	900	1.830,00	1	013810858

### 1381BA/MR

spare shaft for item 1381BA

	€		
1381BA/MR 5000	47,50	1	013810870
1381BA/5000			
★1381BA/MR 8000	55,00	1	013810878
1381BA/8000			

### 1381BA/PL

sparkproof sledge hammers, fibre shafts



g	L1 mm	L mm	€		
5000	172	900	1.048,00	1	013810885
8000	204	900	1.880,00	1	013810888

### 1390BA

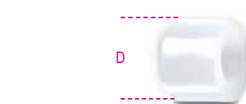
spark-proof soft face hammer



Ø mm	L mm	L1 mm	€		
★52	370	130	245,50	1	013900805

### 1390BA/R

spare nylon faces for item 1390BA



D mm	€		
52	50,00	4	013900885





### 1602BA

sparkproof crimping pliers  
for insulated terminals,  
lightweight series



mm <sup>2</sup>	L mm	€	Icon	Icon
0.75÷6	200	302,00	1	016020801

### 1701BA

sparkproof hexagon chisels



L mm	A mm	S mm	€	Icon	Icon
150	12	10	55,50	1	017010810
200	16	14	89,00	1	017010814
250	18	14	109,50	1	017010815
350	19	17	288,00	1	017010817

### 1703BA/A

sparkproof axe



L mm	L1 mm	A mm	€	Icon	Icon
340	145	82	250,00	1	017030082

### 1703BA/P

sparkproof pick



A mm	L mm	L1 mm	€	Icon	Icon
56	1050	410	653,00	1	017030150

### 1703BA/PL

sparkproof shovel



A mm	L1 mm	L mm	€	Icon	Icon
240	420	990	550,00	1	017030200

### 1717BA

sparkproof rigid spatulas



A mm	€	Icon	Icon
60	134,00	1	017170801
80	149,00	1	017170803

### 1717BA/1

sparkproof wall scraper



A mm	L mm	€	Icon	Icon
100	220	268,00	1	017170805

### 1719BA8

sparkproof files, 8"



	L mm	€	Icon	Icon
1719BA8/P	200	164,50	1	017190801
1719BA8/M	200	170,00	1	017190805
1719BA8/R	200	173,50	1	017190810
1719BA8/T	200	160,00	1	017190815
1719BA8/Q	200	160,00	1	017190820

### 1719BA12

sparkproof files, 12"



	L mm	€	Icon	Icon
1719BA12/P	300	297,00	1	017190831

### 1727BA

sparkproof hacksaw and blade



L mm	L1 mm	€	Icon	Icon
500	300	524,00	1	017270801

### 1728BA

spark-proof blades for hacksaw frames, made  
from copper-beryllium alloy



L mm	€	Icon	Icon
300	101,50	1	017280801

### 1737BA

brush with sparkproof wires



L mm	A mm	€	Icon	Icon
294	29	68,00	1	017370801

### 1758BA

sparkproof funnel



Ø mm	H mm	€	Icon	Icon
160	150	94,50	1	017580815

### 1776BA

sparkproof knife



L1 mm	L mm	€	Icon	Icon
145	250	147,50	1	017760801

### 1784BA

sparkproof scissors



L mm	€	Icon	Icon
225	256,00	1	017840822



## 1972/12

ultracompact drill, 12V

- ultracompact, no more than 176 mm in length; ultralightweight, no more than 1.1 kg, with battery, perfectly balanced
- double mechanical speed with steel gears and 18-position clutch
- torque up to 34 Nm and 1500 rpm (350 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- 2Ah batteries and charge indicator on drill body
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance
- ergonomic nonslip handle
- front LED
- 10-mm autochuck
- belt clip (right/left side)
- selector switch, screwing-unscrewing-locking modes (for transportation)
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (45 min)

1,1 kg

1972/12

€ 381,00 1 019720012



## 1984/18QM

reversible impact wrench, 18V, brushless

digital brushless motor: remarkably enhanced performance, including: increased power, reduced energy consumption, extended useful motor life, outstanding compactness, improved power proportioning from push button.

- 5Ah batteries with charge indicator
- ultracompact: no more than 196 mm in length
- 1/2" male drive with bush retaining ring
- belt clip (right/left side)
- triple front LED
- gearcase made entirely of metal
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- triple battery self-protection (heat, overload and monitoring of charge differences (if any) between cells) for increased safety and durable high performance

4 modes available:

1: 270Nm; 1400 RPM

2: 360Nm; 2000 RPM

3: 450Nm; 2750 RPM

A: 450Nm Autostop - as long as the impact wrench detects a free rotation, it applies maximum torque/speed (450Nm; 2750 RPM)

when the nut reaches the end of stroke and stops rotating, the impact wrench keeps applying maximum torque for 1 second; then it sets itself to the lowest level, to avoid damaging the nut

- supplied in a hard case with hexagon bit holder adaptor (1/4"), 2 lithium ion batteries (5 Ah) and quick charger (80 min)

2,3 kg

1984/18QM

€ 1.073,00 1 019840018



## THE NEW RANGE OF BETA-BRANDED ANGLE GRINDERS



Beta's family of power tools comprises corded and battery tools. The characteristics and power of the corded grinders vary according to type of use.

**Power, reliability and durability** are the 3 hallmarks of the new range, while ensuring maximum safety and ease of use for professionals.

• **Outstanding performance:**

- Powerful, resin-bonded, wear-resistant, durable motor
- Air vents providing optimal cooling, protected against dust infiltration

• **Unparalleled safety for operators:**

- Spindle lock device for quick disc changes
- Protection against accidental activation
- Smooth start, for limiting large initial inrush of current on start-up

• **Unique comfort and ease of handling:**

- Non-slip ergonomic handle for improved grip
- Lowered head that allows working in confined spaces

**Tangle-free cable no less than 4 metres in length** for increased ease of movement

Additional handle that can be mounted on both sides

### 1956 115-750W

angle grinder for discs Ø 115 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (750 W)

Nonslip ergonomic handle for increased comfort and safety

Lowered head that allows working in confined spaces

Extremely lightweight (weighs no more than 1.8 kg)

Main features

- Protection against accidental activation
- Additional handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

1.8 kg



1956 115-750W

€ 77,50 1 019560011



## 1956 125-1400W

angle grinder for discs Ø 125 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (1400 W) - Variable speed  
Nonslip ergonomic handle for increased comfort and safety  
Lowered head that allows working in confined spaces

### Main features

- Protection against accidental activation
- Additional anti-vibration handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

📦 2,5 kg



1956 125-1400W

€ 150,50 1 019560125

## 1956 230-2400W

angle grinder for discs Ø 230 mm

Ideal for complex shearing, grinding and filing jobs

Powerful motor (2400 W)  
Nonslip ergonomic handle for increased comfort and safety

### Main features

- Protection against accidental activation
- Soft-start function for a smooth start and limiting large initial inrush of current on start-up
- Additional anti-vibration handle that can be mounted on both sides
- Screw disc cover
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

📦 5,8 kg



1956 230-2400W

€ 203,00 1 019560230



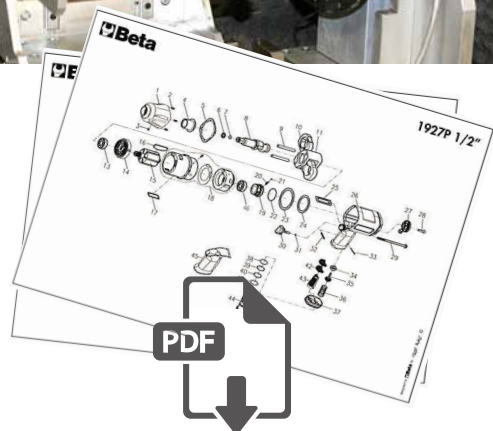
# PNEUMATIC TOOLS

For over 20 years Beta Utensili has supplemented its products with a comprehensive range of pneumatic tools and accessories developed for the automotive and industrial maintenance markets: impact wrenches, ratchets, drills, grinders, sanders and many more items.

During this period close co-operation with professional users has been key to ongoing growth. It is on the basis of such growth that Beta's pneumatic tools can boast an excellent reliability/performance ratio.

In order to satisfy market requirements in the best possible way, Beta Utensili repairs the pneumatic tools in its Quality Department.



























This process has allowed the company to improve its know-how to a significant extent and become increasingly responsive to the customer base.



[www.beta-tools.com](http://www.beta-tools.com)

# GUIDE TO CHOOSING PNEUMATIC TOOLS



## IMPACT WRENCHES

■	BETA ITEM	N °.	MATERIAL	 max. Nm	 db (A) LpA	 db (A) LpW	 l/min.	 kg	MECHANISM	 m/s <sup>2</sup>
<b>3/8"</b>		<b>1924F</b>	Aluminium	<b>108</b>	93.6	104.6	59	0,5	Double hammer	6.85
<b>3/8"</b>		<b>1924B</b>	Aluminium	<b>353</b>	91	95	80	1,5	Pin clutch	7.9
<b>3/8"</b>		<b>1924CD</b>	Composite material	<b>410</b>	91.7	102.7	79	1,3	Double hammer	6.2
<b>1/2"</b>		<b>1927AN</b>	Aluminium	<b>244</b>	89.4	100.4	190	2,1	Single hammer	8.63
<b>1/2"</b>		<b>1927G</b>	Aluminium	<b>325</b>	92.2	103.2	113	1,2	Single hammer	9.96
<b>1/2"</b>		<b>1927B</b>	Aluminium	<b>705</b>	98.0	109.0	133	2,1	Pin clutch	14.08
<b>1/2"</b>		<b>1927XM</b>	Aluminium	<b>770</b>	102	113	122	1,3	Single hammer	7.5
<b>1/2"</b>		<b>1927CD</b>	Composite material	<b>1.020</b>	95.5	106.5	130	2,3	Double hammer	7.2
<b>1/2"</b>		<b>1927P</b>	Composite material	<b>1.750</b>	95.1	106.1	290	2,0	Double hammer	6.7
<b>3/4"</b>		<b>1928XM</b>	Aluminium	<b>1.600</b>	91.8	102.8	175	2,9	Double hammer	12.96
<b>3/4"</b>		<b>1928DA</b>	Aluminium	<b>1.695</b>	96	99.5	300	4,3	Double hammer	3.6
<b>3/4"</b>		<b>1928DAL</b>	Aluminium	<b>1.695</b>	96	99.5	300	4,8	Double hammer	3.6
<b>3/4"</b>		<b>1928CD</b>	Composite material	<b>1.800</b>	97.5	108.5	215	3,5	Double hammer	11.4
<b>1"</b>		<b>1930CD</b>	Composite material	<b>2.445</b>	95.6	97.1	410	7,1	Double hammer	3,6
<b>1"</b>		<b>1930PA</b>	Aluminium	<b>2.445</b>	96.0	97.1	410	9,6	Double hammer	7,2
<b>1"</b>		<b>1930A</b>	Aluminium	<b>2.445</b>	103.3	114.3	460	9,5	Double hammer	67
<b>1"</b>		<b>1930LH</b>	Aluminium	<b>2.441</b>	97.1	108.1	282	7,1	Double hammer	17.4
<b>1"</b>		<b>1930LA</b>	Aluminium	<b>2.445</b>	95.6	97.1	460	10,6	Double hammer	3,6
<b>1"</b>		<b>1930HLA</b>	Aluminium	<b>3.661</b>	99	101	460	16,4	Double hammer	16,4
<b>1 1/2"</b>		<b>1930ZL</b>	Aluminium	<b>4.068</b>	102.4	113.4	480	15	Double hammer	69.6





# GUIDE TO CHOOSING PNEUMATIC TOOLS

## AIR IMPACT RATCHETS

■	BETA ITEM	N°.	 max. Nm	 db (A) LpA	 db (A) LpW	 l/min.	 kg	 m/s <sup>2</sup>
<b>1/4"</b>		<b>1921B1</b>	<b>24</b>	96	85	90	0,4	2.6
<b>1/4"</b>		<b>1921M1</b>	<b>27</b>	84	88	96	0,6	1.8
<b>1/4"</b>		<b>1922P1</b>	<b>68</b>	90.6	101.6	88	0,6	8.61
<b>3/8"</b>		<b>1921M2</b>	<b>27</b>	84	88	96	0,6	1.8
<b>3/8"</b>		<b>1922P2</b>	<b>68</b>	90.6	101.6	88	0,6	8.61
<b>1/2"</b>		<b>1921N3</b>	<b>68</b>	80	87	140	1,2	2.6
<b>1/2"</b>		<b>1922P3</b>	<b>136</b>	94.9	105.9	113	1,5	18.28

## GRINDERS

	BETA ITEM	N°.	POWER	 db (A) LpA	 db (A) LpW	 l/min.	 kg	 m/s <sup>2</sup>
		<b>1933</b>	<b>0,20 kW</b>	80.0	87.0	230	0,38	4.53
		<b>1933L</b>	<b>0,20 kW</b>	80.0	87.0	270	0,67	1.15
		<b>1933AN90</b>	<b>0,20 kW</b>	80.0	87.0	230	0,51	1.24
		<b>1933I</b>	<b>0,38 kW</b>	80.0	87.0	260	0,67	4.53
		<b>1933IL</b>	<b>0,38 kW</b>	79.0	97.0	113	1,4	1.6
		<b>1933IH</b>	<b>0,75 kW</b>	88.1	99.1	370	0,8	2.6
		<b>1933ILH</b>	<b>0,75 kW</b>	85.7	96.7	370	1,2	1.4
		<b>1933AN90-H</b>	<b>0,75 kW</b>	85.6	96.6	370	1,1	6.7
		<b>1934MAV</b>	<b>0,04 kW</b>	71	76	115	0,2	2.5
		<b>1934MAV70</b>	<b>0,08 kW</b>	80	87	115	0,2	4

## 1921B1

baby reversible air ratchet

1/4"

CE



Free speed	350 rpm
Max. torque	24 Nm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	68 l/min
Weight	0,4 kg

1/4	kg	€	1	019210001
		258,00		

## 1921N3

reversible air ratchet

1/2"

CE



Free speed	150 rpm
Max. torque	68 Nm
Bolt capacity	Cl 8.8 M10●16 mm
Bolt capacity	Cl 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	140 l/min
Weight	1.2 kg

1/2	kg	€	1	019210025
	1,2	227,50		

## 1922P3

reversible air impact ratchet

1/2"

CE



Free speed	600 rpm
Maximum torque	136 Nm
Bolt capacity	Cl 8.8 M12●18 mm
Bolt capacity	Cl 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.5 kg

1/2	kg	€	1	019220013
	1,5	435,00		

## 1921M1

compact reversible air ratchet

• Knob speed regulator

1/4"

CE



Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

1/4	kg	€	1	019210005
	0,6	227,50		

## 1922P1

reversible air impact ratchet

• "Double rocking dog" impulse device

1/4"

CE



Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	Cl 8.8 M10●16 mm
Bolt capacity	Cl 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

1/4	kg	€	1	019220006
	0,6	276,00		

## 1924F

butterfly compact reversible impact wrench

• "Double rocking dog" impulse device

3/8"

CE



Free speed	12,000 rpm
Maximum torque	108 Nm
Bolt capacity	Cl 8.8 M12●18 mm
Bolt capacity	Cl 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	59 l/min
Weight	0.5 kg

3/8	kg	€	1	019240025
	0,5	256,00		

## 1921M2

compact reversible air ratchet

• Knob speed regulator

3/8"

CE



Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

3/8	kg	€	1	019210015
	0,6	227,50		

## 1922P2

reversible air impact ratchet

• "Double rocking dog" impulse device

3/8"

CE



Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	Cl 8.8 M10●16 mm
Bolt capacity	Cl 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

3/8	kg	€	1	019220010
	0,6	276,00		



## 1924B

compact reversible impact wrench

- "Pin Clutch" impulse device



Ø 1/4" GAS BSP

Free speed	10,000 rpm
Max. torque	353 Nm
Bolt capacity	Cl 8.8 M16 ● 24 mm
Bolt capacity	Cl 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	80 l/min
Weight	1,5 kg

■	kg	€	1	019240021
3/8	1,5	294,00		

## 1924XM

compact reversible impact wrench

- Single hammer impulse device



Ø 1/4" GAS BSPT

Free speed	9,000 rpm/min
Max. torque	515 Nm
Bolt capacity	Cl 8.8 M16 ● 24 mm
Bolt capacity	Cl 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1,3 kg

■	kg	€	1	019240030
3/8	1,3	284,00		

## 1927B/K5

reversible impact wrench, made from aluminium, supplied with 5 impact sockets, in case



○ 720 15-17-19-21-22 mm

Free speed	7,000 rpm
Max. torque	705 Nm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	133 l/min
Weight	2,1 kg

■	kg	€	1	019270122
1/2	3,5	261,00		
350x305x86 mm				

## 1924CD

reversible impact wrench, made from composite material

- Double hammer impulse device



Ø 1/4" GAS BSP

Free speed	10,000 rpm
Max. torque	410 Nm
Bolt capacity	Cl 8.8 M16 ● 24 mm
Bolt capacity	Cl 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	79 l/min
Weight	1,3 kg

■	kg	€	1	019240007
3/8	1,3	356,00		

## 1927B

reversible impact wrench

- "Pin Clutch" impulse device



Ø 1/4" GAS BSPT

Free speed	7,000 rpm
Max. torque	705 Nm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	133 l/min
Weight	2,1 kg

■	kg	€	1	019270022
1/2	2,1	198,00		

## 1927CD

reversible impact wrench, made from composite material

- Double hammer impulse device



Ø 1/4" GAS BSP

Free speed	7,000 rpm
Max. torque	1.020 Nm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	130 l/min
Weight	1,9 kg

■	kg	€	1	019270007
1/2	2,3	410,00		



## 1927CD/K3

assortment of one reversible impact wrench and three impact sockets

- Double hammer impulse device

12"  
CE



720LC17-19-21 mm

Free speed	7,000 rpm
Max. torque	1,020 Nm
Bolt capacity	CI 8.8 M24●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Working pressure	6.2 bars
Internal hose size (Ø)	10 mm
Mean air consumption	130 l/min
Weight	1.9 kg

1/2"	kg	€	1	019270107
350x305x86 mm				

## 1927P/K3

reversible impact wrench, made from composite material, supplied with 3 impact sockets

12"  
CE



720LC17-19-21 mm

Free speed	7,500 rpm
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2.9 kg

1/2"	kg	€	1	019270118
350x305x86 mm				

## 1927XM

compact reversible impact wrench

- Single hammer impulse device

12"  
CE



Ø 1/4" GAS BSPT

Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2"	kg	€	1	019270030
350x305x86 mm				

## 1927P

reversible impact wrench, made from composite material

- Double hammer impulse device

12"  
CE



Ø 1/4" GAS BSP

Free speed	7,500 rpm
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2 kg

1/2"	kg	€	1	019270008
350x305x86 mm				

## 1927PAL

reversible impact wrench, made from composite material

- Double hammer impulse device
- 2" long anvil

12"  
CE



Ø 1/4" GAS BSP

Free speed	7,500 rpm/min
Max. torque	1,750 Nm
Bolt capacity	CI 8.8 M24●36 mm
Bolt capacity	CI 12.9 M20●30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2.2 kg

1/2"	kg	€	1	019270009
350x305x86 mm				

## 1927XM/K5

Assortment of one compact reversible impact wrench and five impact sockets

- Single hammer impulse device

12"  
CE



720 17-19-21-22-24 mm

Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22●34 mm
Bolt capacity	CI 12.9 M18●27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2"	kg	€	1	019270129
307x206x86 mm				

## 1927AN

Angle reversible impact wrench

- Single hammer impulse device

1/2"

CE



Max. torque	244 Nm
Bolt capacity	244 Nm
Bolt capacity	CI 8.8 M14 ● 21 mm
Air inlet	CI 12.9 M12 ● 19 mm
Operating pressure	1/4" GAS
Internal hose size (Ø)	6,2 bar
Mean air consumption	10 mm
Weight	2.1 kg

1/2"	kg	€	1	019270012
	2,1	533,00		

## 1927G

compact reversible impact wrench

- Single hammer impulse device

1/2"

CE



Free speed	8500 rpm
Max. torque	325 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.2 kg

1/2"	kg	€	1	019270050
	1,2	438,00		

## 1927SP-AM

magnetic support for pneumatic impact wrench

- Fitted with two high-powered magnets with protective rubber tops
- Can accommodate 1 1/2" impact wrench, 4 sockets and 1 torque wrench
- Capacity: 10 kg



400	g	€	1	019270000
		65,00		

## 1928XM

compact reversible impact wrench

- Double hammer impulse device
- Amazingly compact and powerful
- One-hand reverse button
- Three power adjustable screwing positions
- Exhaust through handle

3/4"

CE



Free speed	4,800 rpm
Max. torque	1,600 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	175 l/min
Weight	2.9 kg

3/4"	kg	€	1	019280030
	2,9	598,00		

## 1928CD

reversible impact wrench,  
made from composite material

- Double hammer impulse device

3/4"

CE



Free speed	4,500 rpm
Max. torque	1,800 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	215 l/min
Weight	3,5 kg

3/4"	kg	€	1	019280007
	3,5	985,00		

## 1928DA

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1,695 Nm
Bolt capacity	CI 8.8 M30 ● 46 mm
Bolt capacity	CI 12.9 M27 ● 41 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,3 kg

3/4"	kg	€	1	019280022
	4,3	865,00		

## 1928DAL

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1,695 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,8 kg

3/4"	kg	€	1	019280023
	4,8	928,00		

## 1928K4

assortment of one reversible impact wrench and four impact sockets, long series

- "Pin Clutch" impulse device

3/4"  
CE



728L 27-30-32-36 mm

Free speed	4,000 rpm
Max. torque	1.493 Nm
Bolt capacity	CI 8.8 M27●41 mm
Bolt capacity	CI 12.9 M24●36 mm
Air inlet	3/8" GAS BSP
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Impact wrench weight	5,2 kg

3/4"	kg	€	1	019280104
9,3		883,00		
410x330x106 mm				

## 1930CD

reversible impact wrench, made from composite material

- Double hammer impulse device

1"  
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36●55 mm
Bolt capacity	CI 12.9 M30●46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	320 l/min
Weight	7,1 kg

1"	kg	€	1	019300022
7,1		1.435,00		

## 1930LH

reversible impact wrench

- Double hammer impulse device

1"  
CE



Free speed	6,000 rpm
Max. torque	2.441 Nm
Bolt capacity	CI 8.8 M36●55 mm
Bolt capacity	CI 12.9 M30●46 mm
Air inlet	1/2" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	280 l/min
Weight	7,1 kg

1"	kg	€	1	019300030
7,1		1.335,00		

## 1930PA

reversible impact wrench

- Double hammer impulse device

1"  
CE



Free speed	3,500 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36●55 mm
Bolt capacity	CI 12.9 M30●46 mm
Air inlet	1/2" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	350 l/min
Weight	9,6 kg

1"	kg	€	1	019300032
9,6		1.290,00		

## 1930LA

reversible impact wrench

- Double hammer impulse device

1"  
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36●55 mm
Bolt capacity	CI 12.9 M30●46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	10,6 kg

1"	kg	€	1	019300037
10,6		1.360,00		

## 1930A

reversible impact wrench

- Double hammer impulse device

1"  
CE



Free speed	4,000 rpm
Max. torque	2.445 Nm
Bolt capacity	CI 8.8 M36●55 mm
Bolt capacity	CI 12.9 M30●46 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	9,5 kg

1"	kg	€	1	019300036
9,5		1.310,00		



## 1930HLA

reversible impact wrench

• Double hammer impulse device

1"

CE



Free speed	3,000 rpm
Max. torque	3.661 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M33 ● 50 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	16,4 kg

kg	16,4	€	1.880,00	1	019300040
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## 1931CD6

reversible drill,  
made from composite material

ø13

CE



Free speed	2,600 rpm
Chuck capacity	1÷6 mm
Power	0,23 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	130 l/min
Weight	0,6 kg

kg	0,6	€	272,00	1	019310006
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## 1931CD13

reversible drill,  
made from composite material

ø13

CE



Free speed	800 rpm
Chuck capacity	1,0÷13 mm
Power	0,38 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1,3 kg

kg	1,3	€	364,00	1	019310013
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## 1930ZL

reversible impact wrench

• Double hammer impulse device

1 1/2"

CE



Free speed	3,000 rpm
Max. torque	4.068 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M36 ● 55 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	480 l/min
Weight	15 kg

kg	15	€	2.365,00	1	019300070
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## 1931CD10

reversible drill,  
made from composite material

ø10

CE



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1 kg

kg	1,0	€	245,00	1	019310010
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## 1931AN10

reversible angle drill

ø10

CE



Free speed	1,400 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	150 l/min
Weight	1,1 kg

kg	1,1	€	272,00	1	019310030
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## 1932B10

reversible drill



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,44 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,2 kg

kg 1,2 € 194,50 1 019320040

## 1932RS13

reversible drill



Free speed	750 rpm
Chuck capacity	1,5÷13 mm
Power	0,55 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,4 kg

kg 1,4 € 247,50 1 019320043

## 1932B13

reversible drill



Free speed	400 rpm
Chuck capacity	1,5÷13 mm
Power	0,34 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	180 l/min
Weight	1,6 kg

kg 1,6 € 291,00 1 019320004

## 1933IH

high-power die grinder

- Collect chuck, Ø 3 mm and 6 mm



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	800 g

g 800 € 220,50 1 019330006

## 1933ILH

high-power long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,2 kg

kg 1,2 € 415,00 1 019330011

## 1933AN90-H

high-power angle grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	15,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,1 kg

kg 1,1 € 415,00 1 019330021

## 1933

die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	380 g

g 380 € 145,00 1 019330001

**Beta**  
Quality Tools

## 1933I

die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Weight	670 g

	g	€		1		019330005
670		164,50				

## 1933L

long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	270 l/min
Weight	670 g

	g	€		1		019330015
670		185,00				

## 1933IL

long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1,4 kg

	kg	€		1		019330010
1,4		224,50				

## 1933AN90

angle grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	510 g

	g	€		1		019330020
510		185,00				

## 1934BV

low-speed tyre buffer

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	3,700 rpm
Chuck capacity	3 - 6 mm
Power	0,37 kW
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	0.84 kg

	g	€		1		019340000
840		200,00				



## 1934MAV

micro die grinder

CE



Free speed	56,000 rpm
Chuck capacity	3 mm
Power	0,04 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0.2 kg

	g	€		1		019340010
205		171,50				

## 1934MAV70

high-speed micro die grinder

CE



Free speed	70,000 rpm
Chuck capacity	3 mm
Power	0,08 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0.21 kg

	g	€		1		019340030
210		285,00				



## 1935F

reversible air screwdriver



Free speed 800 rpm  
Torque range 4-16 Nm  
Screw capacity 6-9 M  
Bit holder ● 1/4"  
Air inlet 1/4" GAS  
Working pressure 6,2 bar  
Internal hose size (Ø) 10 mm  
Mean air consumption 150 l/min  
Weight 1,3 kg

kg 1,3 € 272,00 1 019350045

## 1936/4A

angle grinder



Free speed 11,000 rpm  
Grinding disc size 115 mm  
Power 0,66 kW  
Spindle thread M14  
Air inlet 1/4" GAS  
Operating pressure 6,2 bar  
Internal hose size (Ø) 10 mm  
Mean air consumption 390 l/min  
Weight 1,77 kg

kg 1,8 € 448,00 1 019360024

## 1936/5A

angle grinder



Free speed 10,000 rpm  
Grinding disc size 125 mm  
Power 0,66 kW  
Spindle thread M14  
Air inlet 1/4" GAS  
Working pressure 6,2 bar  
Ø internal hose size 10 mm  
Mean air consumption 390 l/min  
Weight 1,9 kg

kg 1,9 € 448,00 1 019360025

## 1936/7A

angle grinder



Free speed 7600 giri/min  
Grinding disc size 180 mm  
Power 1,3 kW  
Spindle thread M14  
Air inlet 3/8" GAS  
Working pressure 6,2 bar  
Ø internal hose size 13 mm  
Mean air consumption 906 l/min  
Weight 2,7 kg

kg 2,7 € 656,00 1 019360027



## 1937

roto-orbital palm sander, lubrication free, made from composite material

• Orbit diameter: 5 mm

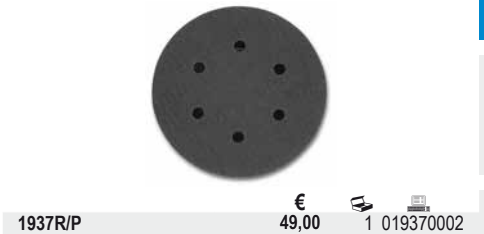


Free speed 12,000 rpm  
Power 0,18 kW  
Pad size 150 mm  
Orbit diameter 5 mm  
Spindle thread 5/16"-24  
Air inlet 1/4" GAS  
Operating pressure 6,2 bar  
Internal hose size (Ø) 10 mm  
Mean air consumption 170 l/min  
Weight 0,86 kg

kg 0,86 € 473,00 1 019370001

## 1937R/P

6-hole pad, Ø 150 mm, for item 1937



1937R/P € 49,00 1 019370002

## 1937KC

mini orbital sander

- Orbit diameter 4 mm
- 2 sanding pads (Ø 50 mm and Ø 75 mm)
- 10 abrasive paper discs (Ø 50 mm), grain 400, 600, 800
- 10 abrasive paper discs (Ø 75 mm), grain 400, 600, 800



Free speed 15000  
Power 0,25  
Pad size 50 - 75  
Spindle thread M6 x 1,0  
Air inlet 1/4" GAS BSPT  
Operating pressure 6,2 bar  
Internal hose size (Ø) 10  
Mean air consumption 79  
Polisher weight 0,64  
Kit weight 1,4

kg 1,4 € 271,00 1 019370171

## 1937C...

Abrasive paper discs for item 1937KC



Ø mm	P	€	🔧	📦
50	400	16,10	1	019370175
50	600	16,10	1	019370176
50	800	16,10	1	019370177
75	400	20,40	1	019370178
75	600	20,40	1	019370179
75	800	20,40	1	019370180

\* Prices refer to 10 pieces

## 1937KL mini polisher

- Sanding pad (Ø 75 mm)
- 2 polishing sponges (Ø 90 mm) - 1937/KL-DSB, 1937/KL-DSG
- Lambswool pad (Ø 90 mm) - 1937/KL-DLA



<b>Free speed</b>	3,200 rpm
<b>Power</b>	0.25 kW
<b>Pad size</b>	75 mm
<b>Spindle thread</b>	M6
<b>Air inlet</b>	1/4" GAS BSPT
<b>Operating pressure</b>	6.2 bar
<b>Internal hose size (Ø)</b>	10 mm
<b>Mean air consumption</b>	91 l/min
<b>Polisher weight</b>	0.75 kg
<b>Kit weight</b>	1.8 kg

🔧	€	📦
kg	295,00	1 019370161
1,8		

## 1937KL-D

accessories for item 1937KL



Ø mm	€	🔧	📦
1937KL-DLA 90	26,50	1	019370164
1937KL-DSB 90	26,50	1	019370165
1937KL-DSG 90	26,50	1	019370166

## 1937K...

Pads for items 1937KC and 1937KL



Ø mm	1937KC	1937KL	€	🔧	📦
1937KC-RP 50	•		29,00	1	019370173
1937KL-RP 75	•	•	35,00	1	019370163

## 1937M

multi-use sander  
with 16 accessories



<b>Free speed</b>	3,500 rpm
<b>Power</b>	0.34 kW
<b>Air inlet</b>	1/4" GAS
<b>Working pressure</b>	6,2 bar
<b>Internal hose size (Ø)</b>	10 mm
<b>Mean air consumption</b>	113 l/min
<b>Sander weight</b>	1,5 kg
<b>Kit weight</b>	4,5 kg

🔧	€	📦
kg	817,00	1 019370011
4,5		

458x495x116 mm

## 1937M-01÷11

accessories for item 1937M



L mm	1937M-	€	🔧	📦
1937M-01 30		30,50	1	019370101
1937M-02 30		30,50	1	019370102
1937M-03 11		26,50	1	019370103
1937M-04 23		26,50	1	019370104
1937M-05 11		26,50	1	019370105
1937M-06 23		26,50	1	019370106
* 1937M-07 16		72,50	1	019370107
1937M-08 13	07	26,50	1	019370108
1937M-09 26	07	26,50	1	019370109
1937M-10 11	03, 05	26,50	1	019370110
1937M-11 23	01, 02, 04, 06	26,50	1	019370111

\* The prices shown are for 6 pieces

## 1937N10

pneumatic belt sander



<b>Free speed</b>	20,000 rpm
<b>Power</b>	0,37 kW
<b>Belt size</b>	10x330 mm
<b>Air inlet</b>	1/4" GAS
<b>Working pressure</b>	6,2 bar
<b>Internal hose size (Ø)</b>	10 mm
<b>Mean air consumption</b>	374 l/min
<b>Weight</b>	0,9 kg

🔧	€	📦
kg	318,00	1 019370041
0,9		

## 1937N10-GR

sand belts for item 1937N10



	P	€	🔧	📦
1937N10-GR60	60	33,50	1	019370146
1937N10-GR80	80	33,50	1	019370148
1937N10-GR100	100	33,50	1	019370150
1937N10-GR120	120	33,50	1	019370152

The prices shown are for 10 pieces

## 1937N20

pneumatic belt sander



<b>Free speed</b>	16,000 rpm
<b>Power</b>	0,45 kW
<b>Belt size</b>	20x520 mm
<b>Air inlet</b>	1/4" GAS
<b>Working pressure</b>	6,2 bar
<b>Internal hose size (Ø)</b>	10 mm
<b>Mean air consumption</b>	400 l/min
<b>Weight</b>	1,6 kg

🔧	€	📦
kg	370,00	1 019370051
1,6		

## 1937N20-GR

sand belts for item 1937N20



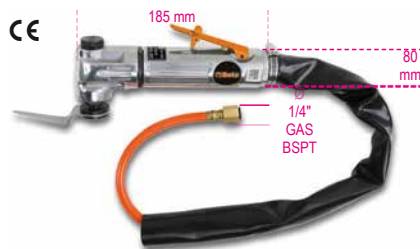
	P	€		
1937N20-GR60	60	43,50	1	019370156
1937N20-GR80	80	43,50	1	019370158
1937N20-GR100	100	43,50	1	019370160
1937N20-GR120	120	43,50	1	019370162

The prices shown are for 10 pieces

## 1938

windscreen remover

• Supplied with 1 57 mm straight blade

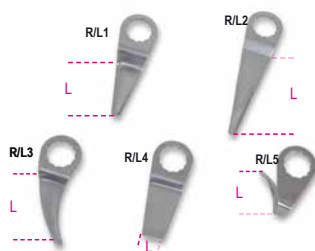


Oscillations/minute	20,000
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	6,5 mm
Mean air consumption	200 l/min
Weight	1,0 kg

kg	1,0	€	249,50		1	019380021
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## 1938R/L

blades for windscreen removers



	L mm	€		
1938R/L1	57	21,10	1	019380041
1938R/L2	90	38,50	1	019380042
1938R/L3	30	23,50	1	019380043
1938R/L4	8	33,50	1	019380044
1938R/L5	36	38,00	1	019380045

## 1938R/S5

set of 5 blades for item 1938

1938R/S5	€	154,50	1	019380055
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## 1940

air hammer

• Supplied with a nonreturn spring and a bayonet retainer for hexagon chisels



Strokes per minutes	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	1,9 kg

kg	1,9	€	200,00		1	019400001
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## 1940/C6

air hammer with 5 chisels and accessories

• For cutting sheet metal, bolts and bodies, removing welding slags, rivets, plaster and tiles  
 • Assortment in a convenient ABS tool case, comprised of:  
 1 air hammer item 1940  
 1 flat chisel item 1940SN  
 1 demolition chisel item 1940ST  
 1 round-tipped chisel item 1940SD  
 1 bevel chisel item 1940SPS  
 1 sheet metal cutting chisel 1940SDT  
 1 nonreturn spring item 1940MT  
 1 bayonet retainer for hexagon chisels



Strokes per minute	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	3,3 kg

kg	3,3	€	284,00		1	019400000
320x240x90 mm						

## 1940MT

spare retainer spring for item 1940



1940MT	€	13,00	5	019400110
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## 1940S...

chisels for air hammers  
item 1940



1940SN	€	16,10	5	019400020
1940ST	€	16,10	5	019400021
1940SD	€	16,10	5	019400022
1940SPS	€	16,10	5	019400023
1940SDT	€	16,10	5	019400024

## 1940/S5

set of 5 chisels for air hammers  
item 1940



1940/S5	€	73,00	1	019400030
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## 1940E10

air hammer

• Compatible with chisels with 10-mm hexagon drive  
 • Supplied with a nonreturn spring and a bayonet retainer



Strokes per minute	2,900
Inlet size	Ø 10 mm
Piston size	19 mm
Piston stroke	67 mm
Chisel inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	76 l/min
Weight	1,7 kg

kg	1,7	€	220,50		1	019400010
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## 1940E10/MT

spare retainer spring for item 1940E10



1940E10/MT	€ 1,73	5	019400112
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## 1940E10/S...

chisels for air hammers 1940E10



1940E10/SN	€ 11,10	5	019400040
1940E10/ST	€ 11,10	5	019400041
1940E10/SD	€ 11,10	5	019400042
1940E10/SPS	€ 11,10	5	019400043
1940E10/SDT	€ 11,10	5	019400044

## 1940E10/S5

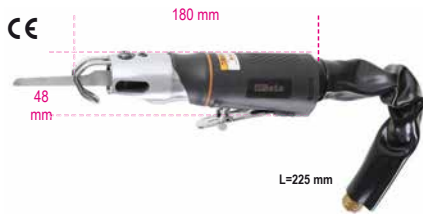
set of 5 chisels for air hammers 1940E10



1940E10/S5	€ 55,50	1	019400050
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## 1942A

air saw



Strokes per minute	10.000
Stroke length	10 mm
Air inlet	1/4" GAS BSP
Operating pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	75 l/min
Weight	550 g

550	€ 333,00	1	019420000
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## 1942LR

Bimetal blades for air saw 1942A



1942LR	€ 7,70	5	019420032
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## 1944A

axial needle scaler

CE



Strokes per minute	3.800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	85 l/min
Weight	2.8 kg

2,8	€ 375,00	1	019440011
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## 1944N

needle scaler



Strokes per minute	3800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	85 l/min
Weight	2.7 kg

2,7	€ 480,00	1	019440002
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## 1944AR

set of needles for needle scalars 1944N and 1944A



1944AR 2	Ø 2 mm	n. 29	€ 49,00	1	019440015
1944AR 3	Ø 3 mm	n. 19	€ 38,00	1	019440005

## 1944PA

needle plates for items 1944N and 1944A



1944PA 2	Ø 2 mm	N. 29	€ 54,00	1	019440016
1944PA 3	Ø 3 mm	N. 19	€ 41,00	1	019440006

## 1945S

stapler

• Uses staples type 80, section 0.95 x 0.65 mm (21-Gauge), length: 4 - 16 mm; width: 12.8 mm



Magazine capacity	157 pcs
Air inlet	1/4" GAS
Working pressure	4,2 - 7 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	0.34 l/cycle
Weight	0.87 kg

0,9	€ 204,00	1	019450000
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## 1945S/G...

staples type 80, section 0.95x0.65 mm (21-Gauge), width 12.8 mm, for item 1945S



• 1945S/G4	L 4 mm	€ 18,90	1	019450004
1945S/G6	L 6 mm	€ 7,45	1	019450006
1945S/G8	L 8 mm	€ 8,05	1	019450008
1945S/G10	L 10 mm	€ 9,00	1	019450010
1945S/G12	L 12 mm	€ 10,10	1	019450012
1945S/G14	L 14 mm	€ 10,90	1	019450014
1945S/G16	L 16 mm	€ 12,00	1	019450016

• Stated prices are for 5,000 pieces  
• Stated prices are for 10,000 pieces



## 1945C

stapler, nailer, combo tool

- Uses staples type 90, section 1.25 x 1.0 mm (18-Gauge), length: 16 - 40 mm; width: 5.8 mm
- Uses round-headed nails type B12, section 1.25 x 1.0 mm (18-Gauge), 1.9-mm head



Magazine capacity	100 pcs
Air inlet	1/4" GAS
Working pressure	5 - 8 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	1.12 l/cycle
Weight	1.16 kg

kg	€	1	019450200
1,16	269,00		

## 1945C/G...

staples type 90, section 1.25x1.0 mm (18-Gauge), width 5.8 mm, for item 1945C

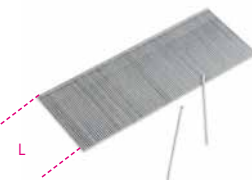


	L mm	€	1	019450216
1945C/G16	16	14,40	1	019450216
1945C/G19	19	17,00	1	019450219
1945C/G22	22	18,60	1	019450222
1945C/G25	25	22,00	1	019450225
1945C/G28	28	23,10	1	019450228
1945C/G32	32	27,00	1	019450232
1945C/G35	35	29,00	1	019450235
1945C/G38	38	32,50	1	019450238
1945C/G40	40	34,50	1	019450240

Stated prices are for 5,000 pieces

## 1945C/GP...

nails type B12, section 1.25x1.0 mm (18-Gauge), 1.9 mm-head, for item 1945C



	L mm	€	1	019450255
1945C/GP15	15	7,55	1	019450255
1945C/GP16	16	7,85	1	019450256
1945C/GP20	20	9,00	1	019450260
1945C/GP25	25	10,60	1	019450265
1945C/GP30	30	12,40	1	019450270
1945C/GP32	32	13,60	1	019450272
1945C/GP35	35	14,60	1	019450275
1945C/GP38	38	15,80	1	019450278
1945C/GP40	40	16,30	1	019450280
1945C/GP45	45	18,00	1	019450285
1945C/GP50	50	19,80	1	019450290

Stated prices are for 5,000 pieces



## 1945P

headless pinner

- Uses pins type B6, Ø 0.64 mm (23-Gauge), length: 12 - 35 mm



Magazine capacity	145 pcs
Air inlet	1/4" GAS
Working pressure	4 - 7 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	0.27 l/cycle
Weight	0.87 kg

kg	€	1	019450100
0,87	326,00		

## 1945P/S...

pins type B6, Ø 0.64 mm (23-Gauge), for item 1945P



	L mm	€	1	019450112
1945P/S12	12	8,80	1	019450112
1945P/S15	15	9,65	1	019450115
1945P/S18	18	10,50	1	019450118
1945P/S20	20	12,20	1	019450120
1945P/S21	21	12,40	1	019450121
1945P/S22	22	12,70	1	019450122
1945P/S25	25	13,60	1	019450125
1945P/S30	30	15,60	1	019450130
1945P/S35	35	17,70	1	019450135

Stated prices are for 10,000 pieces

## 1946T

air riveter

- supplied with interchangeable nozzles for steel, stainless steel, aluminium and copper rivets, 2.4 - 3.2 - 4.0 - 4.8 mm long



Traction power	9,000 N
Stroke length	16 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Air consumption	2.0 l/cycle
Weight	1.7 kg

kg	€	1	019460021
1,7	293,00		

## 1946C4,8

riveter

- Automatic suction
- Supplied assembled for use with 2.4 - 3.2 - 4.0 - 4.8 mm long steel, stainless steel, aluminium and copper rivets



Traction power	8,900 N
Stroke length	15 mm
Maximum rivet capacity	Stainless steel Ø 4.8 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Air consumption	2.6 l/cycle
Weight	1.5 kg

kg	€	1	019460006
1,5	633,00		



## 1946C7,8

riveter

- Automatic suction
- Supplied assembled for use with 4.8 - 5.6 - 6.4 - 7.8 mm long steel, stainless steel, aluminium and copper rivets

CE



Traction power	16,900 N
Stroke length	22.5 mm
Maximum rivet capacity	Stainless steel Ø 7.8 mm
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Air consumption	4.9 l/cycle
Weight	1.8 kg

kg	€		
1,8	997,00	1	019460008

## 1946C/T...

heads for structural rivets



	Ø mm	€		
1946C/T4,8	4,8	38,00	1	019460016
1946C/T6,4	6,4	38,00	1	019460018

## 1946KF

air riveter for threaded inserts

- Supplied assembled for threaded rivets made of steel, stainless steel, aluminium and copper, M4, M5, M6, M8

CE



Traction power	14,235 N
Stroke length	7 mm
Maximum rivet capacity	Stainless steel Ø, M8
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Air consumption	2.1 l/cycle
Air riveter weight	2.1 kg
Kit weight	3.4 kg

kg	€		
3,4	2.100,00	1	019460012

## 1946KF/M...

spare pins for item 1946KF



	€		
1946KF/M4	70,00	1	019460124
1946KF/M5	70,00	1	019460125
1946KF/M6	70,00	1	019460126
1946KF/M8	67,00	1	019460128

## 1947

bonding gun

- Pneumatic gun for medium-density silicone, adhesives and bonds
- Supports standard cartridges (210 x 50 mm), hard and soft

CE



Tube size	210x50 mm
Cartridge capacity	350 ml
Air inlet	1/4" GAS
Working pressure	4,8 bar
Internal hose size (Ø)	10 mm
Mean air consumption	120 l/min
Weight	1,1 kg

kg	€		
1,1	71,00	1	019470001

## 1947H

bonding gun

- Pneumatic gun for extruding silicone and bonds in standard plastic or aluminium
- Supports standard cartridges (215/218 x 50/51 mm), hard and soft
- Built-in pressure reducing valve

CE



Tube size	210x50 mm
Cartridge capacity	300/310 ml
Air inlet	1/4" GAS
Working pressure	4 ÷ 8 bar
Internal hose size (Ø)	2.5 mm
Mean air consumption	120 l/min
Weight	750 g

g	€		
750	247,50	1	019470011

## 1947G

grease gun

- Die-cast aluminium head
- Ergonomic grip for ease of access to tough greasing points
- Corrosion-resistant brass valve
- Takes 400 g cartridges or bulk grease up to 500 cc
- Tube size: 54 (interior) x 260 mm
- Air inlet: 1/4" GAS
- Operating pressure: 4÷10 bar
- Weight: 1.9 kg

CE



Tube size	54 (interior) x 260 mm
Air inlet	1/4" GAS
Operating pressure	4÷10 bar
Weight	1.9 kg

	€		
1947G	174,50	1	019470051

## 1947G2

2-in-1 grease gun

- For continuous or non-continuous grease supply
- Die-cast aluminium head
- Ergonomic handle
- Takes 400 g cartridges or bulk grease up to 500 cc

CE



Hose size	54 (interior) x 276 mm
Air inlet	1/4" GAS BSP
Operating pressure	3÷10 bar
Weight	2,2 kg

	€		
1947G2	179,50	1	019470060





## 1948

engraving pen

• Allows such materials as steel, stainless steel, aluminium, glass, stone and ceramic to be marked

CE



Strokes per minute	3,500 ÷ 3,800
Maximum hardness	60 HRC
Air inlet	1/4" GAS
Working pressure	6.2 bar
Mean air consumption	50 l/min
Weight	150 g

g	€	1	019480001
150	327,00		

## 1948PR

spare tungsten carbide bit  
for item 1948

• Maximum hardness: 60 HRC



€	1	019480005
123,00		

## 1949U5

progressive blow gun with 5 nozzles

- Hard-wearing, shockproof composite material body
- 3 steel nozzles, 100/160/320 mm, scratchproof, protective rubber tips
- 1 "Turbo" nozzle made of fibreglass-reinforced nylon with safety tip
- 1 revolving nozzle, 100 mm, made of fibreglass-reinforced nylon
- With quick fixing system



Threaded brass insert	1/4" GAS
Working pressure	10 bar
Maximum working pressure	15 bar
Mean air consumption	280 l/min
Working temperature	-10°C ÷ 80°C
Weight	93 g

g	€	1	019490030
93	38,50		

## 1949U5/A

steel nozzle, 100 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



€	1	019490131
7,85		

## 1949U5/B

steel nozzle, 160 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



€	1	019490132
7,95		

## 1949U5/C

steel nozzle, 320 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



€	1	019490133
10,20		

## 1949U5/D

revolving nozzle, 100 mm, made of fibreglass reinforced nylon, for item 1949U5 - 1949P



€	1	019490134
7,45		

## 1949U5/E

"Turbo" nozzle made of fibreglass-reinforced nylon, with safety tip



€	1	019490135
3,70		

## 1949U5/F

flat, fan-shaped nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P



€	1	019490136
4,70		

## 1949U5/G

OSHA nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P



€	1	019490137
3,55		

## 1949BC

progressive blow gun with rubber nozzle

- Hard-wearing, shockproof composite material body
- Replaceable scratchproof rubber nozzle



Aluminium threaded insert	1/4" GAS
Operating pressure	6-8 bar
Maximum operating pressure	15 bar
Mean air consumption	87 l/min
Operating temperature	-20°C ÷ 70°C
Weight	120 g

g	€	1	019490022
120	19,00		

## 1949BC/RU

5 rubber nozzles for item 1949BC



€	1	019490122
23,50		

## 1949P

progressive mini blow gun

- Hard-wearing, shockproof composite material body
- Quick nozzle fixing system
- Airflow can be adjusted through ring nut rotation



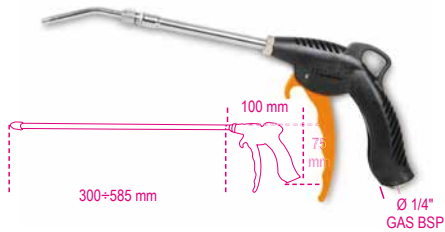
Brass threaded insert	1/4" GAS
Working pressure	6÷8 bar
Maximum operating pressure	15 bar
Mean air consumption	280 l/min
Operating temperature	-10°C ÷ 85°C
Weight	70 g

g	€	1	019490031
70	24,80		

## 1949T

telescopic progressive blow gun

- Hard-wearing, shockproof composite material body
- Telescopic steel swivel tube: 165 mm ÷ 300 mm



Aluminium threaded insert  
Operating pressure  
Maximum operating pressure  
Mean air consumption  
Operating temperature  
Weight

1/4" GAS  
6÷8 bar  
15 bar  
144 l/min  
-20°C ÷ 70°C  
190 g

190 g € 30,50 1 019490040

## 1949F2

progressive blow gun

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- Special valve and lever allow circuit to be progressively opened, thus optimizing air flow
- Tip with safety plastic cone for safe handling when not in use



Brass threaded insert  
Operating pressure  
Maximum operating pressure  
Operating temperature  
Weight

1/4" GAS  
4-8 bar  
12 bar  
-20 °C ÷ 70 °C  
125 g

125 g € 17,60 1 019490028

## 1949GPA

tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0,5÷12 bar, 7÷174 psi
- pressure release feature
- pressure measurement feature
- pipe length: 58 cm
- 360° hose rotation
- 1/4" air inlet



1949GPA bar psi € 112,50 1 019490018

## 1949DGT/2

digital tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0.5÷12 bar, 7÷174 psi
- 4 units of measurement, bar/psi/kpa/kgf
- backlit LCD display
- resolution: 0.05 bar
- self-power off after 1.5 minutes
- hose length: 58 cm
- 360° hose rotation
- power supply: 2 AAA batteries
- 1/4" air inlet



1949DGT/2 bar psi € 135,00 1 019490021

## 1949GPN

tyre inflator,  
ABS housing

- CE certified pressure gauge with scale 0.7÷12 bars (graduation: 1/10 bars)
- Two servo-controlled buttons allow accurate, quick tyre inflating (+) and deflating (-)
- Supplied with a calibration certificate
- Fitted with a shockproof, protective shell and an eyelet
- Fitted with a 1/4" GAS threaded coupler
- Swivel air inlet for rubber hose, Ø 7 mm



1949GPN bar psi € 238,00 1 019490011

## 1949M

tyre pressure tester



1949M bar psi g € 79,00 1 019490400

## 1950BZK

tyre bead seater

- secondary handle with push-button operation helps keep hold of tool during use
- tank capacity: 18 l
- operating pressure: 3-8 bar
- tank maximum pressure: 16 bar
- pressure relief valve
- gauge with graduated scale
- plastic inlet preventing rim damage



1950BZK € 328,00 1 019500078

## 1949R

blow gun

for cleaning radiators  
the 5 holes that are perpendicular to the handle allow dirt to be removed from radiators



1949R L mm mm € 71,50 1 019490050



## 1951 cleaning gun

- For cleaning car upholstery, carpeting, seats and boots



Free speed	
Tank capacity	1 L
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	110 l/min
Weight	650 g

g	€		
650	153,50	1	019510051

## 1951A suction cleaning gun

- For cleaning car upholstery, carpeting, seats and boots
- For use with suitable detergents
- 1L tank
- Fitted with a tap for dispensing liquid from tank
- Complete with corrugated tube, 1,8 m long



Tank capacity	1 l
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	120 l/min
Weight	800 g

g	€		
800	249,50	1	019510101

## 1952 professional paint spray gun

- Die-cast aluminium body plated with black chemical nickel
- Nylon cup with drip-catching device, 3/8M BSP thread
- Body thread: 1/4" BSP cylindrical gas thread
- Pressure and airflow regulator
- Jet regulator from round to fan spray pattern
- Paint quantity regulator
- Supplied with service spanner for maintenance operations

CE

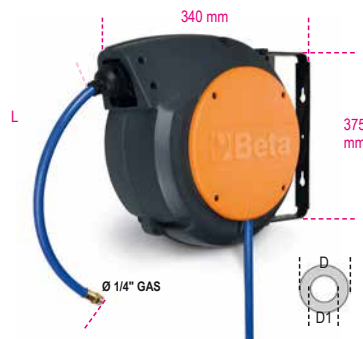


Ø mm	€		
1952 1,2	1,2	164,50	1 019520012
1952 1,5	1,5	164,50	1 019520015
1952 1,8	1,8	164,50	1 019520018
1952 2,0	2,0	164,50	1 019520020

## 1900S automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- water operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



D1xD mm	L m	Ø GAS BSP	€		
8x12	10	1/4"	177,50	1	019000080

## 1900M automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- water operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



D1xD mm	L m	Ø GAS BSP	€		
8x12	15	1/4"	243,00	1	019000085
10x14	15	3/8"	253,00	1	019000115

## 1914 polyurethane recoiled hoses, 98 Shore, extendable

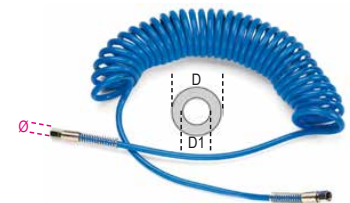
- Maximum operating pressure: 12 bar



L m	D1xD mm	Ø GAS BSP	€		
4	5x8	1/4"	26,00	1	019140054
6	5x8	1/4"	30,50	1	019140056
10	5x8	1/4"	39,00	1	019140060

## 1915B polyurethane recoil hoses, 95 Shore, extendable up to 9 m

- Maximum operating pressure: 10 bar



D1xD mm	Ø GAS BSP	€		
6,5x10	1/4"	45,00	1	019150011
8x12	1/4"	53,50	1	019150012
11x16	3/8"	86,50	1	019150013

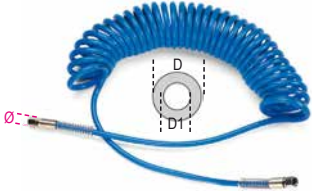
# Beta



## 1915C

polyurethane recoil hoses, 95 Shore, extendable up to 12 m

• Maximum operating pressure: 10 bar

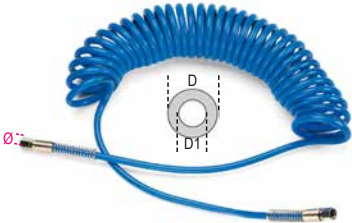


D1xD	Ø GAS	€	5	10
mm	BSP			
6,5x10	1/4"	53,50	1	019150014
8x12	1/4"	66,00	1	019150015
11x16	3/8"	106,50	1	019150016

## 1915C/L

polyurethane recoil hoses, 95 Shore, extendable up to 15 m

• Maximum operating pressure: 10 bar



D1xD	Ø GAS	€	5	10
mm	BSP			
8x12	1/4"	84,50	1	019150115
11x16	3/8"	143,50	1	019150116

## 1915D

braided polyurethane hose, 95 Shore, 9 metres long

• Maximum operating pressure: 15 bar

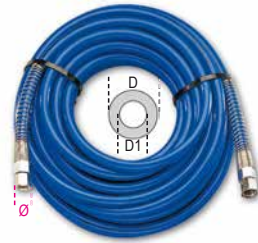


D1xD	Ø GAS	€	5	10
mm	BSP			
8x12	1/4"	53,50	1	019150017
11x16	3/8"	84,50	1	019150018

## 1915E

braided polyurethane hose, 95 Shore, 12 metres long

• Maximum operating pressure: 15 bar



D1xD	Ø GAS	€	5	10
mm	BSP			
8x12	1/4"	71,00	1	019150019
11x16	3/8"	106,00	1	019150020

## 1915E/XL

braided polyurethane coils, 95 Shore, 50 m long

• Maximum operating pressure: 15 bar



D1xD	Ø GAS	€	5	10
mm	BSP			
8x12	1/4"	244,00	1	019150519
11x16	3/8"	408,00	1	019150520

## 1916I

quick couplings Italian profile male threaded, cylindrical (BSP)



Ø GAS	€	5	10
BSP			
1/4"	3,10	5	019160001
3/8"	3,50	5	019160002

## 1916G

quick couplings European profile male threaded, tapered (BSPT)



Ø GAS	€	5	10
BSPT			
1/4"	3,10	5	019160005
3/8"	4,10	5	019160010
1/2"	4,55	5	019160012

## 1916GF

quick couplings, Italian profile, female threaded, cylindrical (BSP)



Ø GAS	€	5	10
BSP			
1/4"	3,10	5	019160055
3/8"	3,50	5	019160060

## 1916GFE

quick couplings, European profile, female threaded, tapered (BSPT)



Ø GAS	€	5	10
BSPT			
1/4"	3,10	5	019160075
3/8"	4,10	5	019160082
1/2"	4,55	5	019160084

## 1916JM

quick couplings, Asian profile, male threaded, tapered (BSPT)



Ø GAS	€	5	10
BSPT			
1/4"	4,35	1	019160406
3/8"	4,55	1	019160410

## 1916JF

quick couplings, Asian profile, female threaded, cylindrical (BSP)



Ø GAS	€	5	10
BSPT			
1/4"	4,35	1	019160456
3/8"	4,55	1	019160460

## 1916P

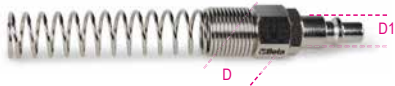
quick couplings, Italian profile, with sleeve for rubber hose



D1xD	€	5	10
mm			
6x14	4,10	5	019160256
8x17	4,40	5	019160258
10x19	5,90	5	019160260

## 1916S

quick couplings, Italian profile, with coil springs



D1xD mm	€	🔧	📄
6x8	4,10	5	019160306
8x10	4,35	5	019160308
10x12	5,50	5	019160310

## 1917M

universal ball quick couplers, shockproof rubber, male threaded, cylindrical (BSP)

• Designed for couplings 1916I and 1916G



Ø GAS BSP	€	🔧	📄
1/4"	11,10	5	019170001
3/8"	11,10	5	019170003
1/2"	11,90	5	019170004

## 1917F

universal ball quick couplers, shockproof rubber, female threaded, cylindrical (BSP)

• Matches couplings 1916I and 1916G



Ø GAS BSP	€	🔧	📄
1/4"	11,50	5	019170005
3/8"	11,10	5	019170010
1/2"	12,30	5	019170014

## 1917JM

ball quick couplers, Asian profile, male threaded, cylindrical (BSP)



Ø GAS BSP	€	🔧	📄
1/4"	18,50	1	019170406
3/8"	18,50	1	019170410
1/2"	19,90	1	019170412

## 1917JF

ball quick couplers, Asian profile, female threaded, cylindrical (BSP)



Ø GAS BSP	€	🔧	📄
1/4"	18,50	1	019170456
3/8"	18,50	1	019170460

## 1917RG

rotary universal coupler

- Made of aluminium, female threaded, cylindrical (BSP) male threaded, cylindrical (BSP)
- Matches all couplings with Italian and European profiles
- Rotates freely, even without connected area



Ø GAS BSP	€	🔧	📄
1/4"	24,10	1	019170252

## 1917SP

universal ball quick couplers, with sleeve for rubber hose



D1xD mm	€	🔧	📄
6x14	11,90	5	019170206
8x17	12,40	5	019170208
10x19	14,20	5	019170210

## 1917ST

universal ball quick couplers, with coil springs



D1xD mm	€	🔧	📄
6x8	11,10	5	019170306
8x10	11,20	5	019170308
10x12	12,70	5	019170310

## 1918

hose tail fitting, male threaded



D1 mm	Ø GAS BSP	€	🔧	📄
6	1/8"	2,48	3	019180106
8	1/8"	2,48	3	019180108
6	1/4"	2,71	3	019180116
8	1/4"	2,86	3	019180118
10	1/4"	2,86	3	019180120
10	3/8"	3,25	3	019180130
12	3/8"	3,35	3	019180132
10	1/2"	4,45	3	019180140
12	1/2"	4,55	3	019180142

## 1918N

connecting nipples with tapered threads (BSPT)



Ø GAS	Ø1 GAS	€	🔧	📄
1/4"	1/4"	2,86	5	019180300
3/8"	3/8"	3,35	5	019180310
1/2"	1/2"	4,55	5	019180320

## 1918R

reducing nipples with tapered threads (BSPT)



Ø GAS	Ø1 GAS	€	🔧	📄
1/4"	3/8"	3,25	5	019180200
3/8"	1/2"	4,45	5	019180210

## 1919FE1/4

filter-regulator-lubricator



<b>Air in/outlet</b>	1/4" GAS BSPT
Pressure gauge inlet	1/8" GAS BSPT
<b>Maximum air capacity</b>	750 l/min
Maximum pressure	9,5 bar
<b>Operating pressure</b>	0,5 - 8,5 bar
Operating temperature	5 - 60 °C
<b>Filter capacity</b>	5 micron
Cup capacity	15 cc air / 25 cc oil
<b>Weight</b>	700 g

g	€	🔧	📄
700	111,50	1	019190200

### 1919RB-FE1/4

set of spare cups for item 1919FE1/4



1919RB-FE1/4 € 24,10 1 019190210

### 1919RF-FE1/4

spare filter for item 1919FE1/4



1919RF-FE1/4 € 6,55 1 019190230

### 1919RM-FE1/4

spare pressure gauge for item 1919FE1/4



1919RM-FE € 14,20 1 019190220

### 1919F1/4

filter-regulator-lubricator



**Air in/outlet** 1/4" GAS BSPT  
**Maximum air capacity** 1000 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

1919F1/4 € 176,00 1 019190250

### 1919F3/8

filter-regulator-lubricator



**Air in/outlet** 3/8" GAS BSPT  
**Maximum air capacity** 1350 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

1919F3/8 € 176,00 1 019190350

### 1919F1/2

filter-regulator-lubricator



**Air in/outlet** 1/2" GAS BSPT  
**Maximum air capacity** 2500 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

1919F1/2 € 176,00 1 019190450

### 1919RB-F

set of spare cups for filters item 1919F - 1/4", 3/8" and 1/2"



1919RB-F € 31,00 1 019190510

### 1919RF-F

spare filter for filters item 1919F - 1/4", 3/8" and 1/2"



1919RF-F € 12,30 1 019190530

### 1919RM-F

spare pressure gauge for filters item 1919F - 1/4", 3/8" and 1/2"



1919RM-F € 18,30 1 019190520

### 1919ML

mini lubricators



Ø	L mm	Ø mm	€	1
1/4"	63	36	22,70	1 019190030
3/8"	63	36	24,60	1 019190032

### 1919SC

mini water separator



Ø	L mm	Ø mm	€	1
1/4"	80	40	29,00	1 019190035

### 1919L

ISO 32 lubricating oil

**Density 20°C** 875 Kg/m<sup>3</sup>  
**Viscosity 40°C** 32 cSt  
**Flammability COC** 210°C



1919L € 19,90 5 019190050





# TOOL BAGS AND RUCKSACKS MADE FROM TECHNICAL FABRIC

- **FUNCTIONALITY**
- **STURDINESS**
- **DURABILITY**

These are the three cornerstones of Beta's range of Fabric Containers. Beta's tool bags and rucksacks are made from sturdy technical fabric, resistant to both abrasion and wear, with reinforced bottoms and seams, translating into reliability and durability.

Each container has special characteristics, designed for different uses and space optimization: zipped pockets, telescopic handles, wheel protectors, reinforced shoulder straps and transparent document bags are but some of the peculiarities of each bag and rucksack.

Painstaking care for detail, variety and special attention to the completely safe transportation of the tools make these products ideal for every working situation.



## POLYPROPYLENE TOOL CASES

Beta provides a wide range of technical cases catering to any needs! Beta's tool cases and trolleys are made from sturdy, thick, shockproof, corrosion-resistant polypropylene designed to withstand heavy-duty use – e.g. at low temperatures.

Choose the product that best fits your working requirements from the classic tool trolley, the wheeled trolley version for easy transport, the versions fitted with TSA locks for totally free travelling and, finally, the aluminium or watertight version.

Most of Beta's tool cases and trolleys are also available in combination with tool assortments satisfying different working needs, depending on the field of application: electronics, hydraulics, boating and maintenance.



## 2001/B26

fabric wallet with assortment of 26 tools



2001/B26 € 241,50 1 020010215

- 55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1044F 250 mm
- 1128BMX 145 mm
- 1150 180 mm
- 1201E 3x75 - 4x100 - 5,5x150 mm
- 1202E PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 2 m
- 1770A 9 mm

2001/BV € 56,50 1 020010051

## 2001/BZV

tool case made from durable technical fabric

- Double upper handle for optimal hold
- Large front document pocket with zip closure
- Velcro strap at the back, for fixing the tool case to the trolley handle
- 20 convenient tool compartments (6 pockets and 14 elastic bands)
- Hammer loops
- Shoulder strap C9/RT can also be included (to be ordered separately)



2001/BZV € 51,50 1 020010151

380x290x60 mm - 675 g



## 2001/BZ24 MQ

folding tool case with assortment of 24 tools, for electricians



2001/BZ24 MQ € 352,00 1 020010154

	n.
1128BMX	1
1150MQ 180 mm	1
42 8-10-13-17-19 mm	5
1274MQ 3x100 - 4x100 - 5,5x125 mm	3
1272MQ PH0x60 - PH1x80 - PH2x100 mm	3
96BP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1253	1
1082MQ 160 mm	1

## 2001/BZ27 VU

folding tool case with assortment of 27 tools, for universal use



2001/BZ27 VU € 285,00 1 020010157

	n.
1128BMX	1
1150 180 mm	1
42 7-8-10-13-17-19 mm	6
1201E 3x75 - 4x100 - 5,5x150 mm	3
1202E PH0x60- PH1x80 - PH2x100 mm	3
96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1370 300 g	1
1048N 250 mm	1
1692/5 5 m	1
1771 18 mm	1

## 2002/BV6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 175 x 240 mm



2002/BV6 € 9,10 1 020020000

## 2002/BVL6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 220 x 290 mm



2002/BVL6 € 11,60 1 020020010

## 2002/BV7-ZIP

roll-up tool wallet made of durable polyester, empty

- With 7 convenient, differently sized compartments and small tool pocket with zip closure
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 355 x 220 mm



2002/BV7-ZIP € 20,80 1 020020060

## 2002/BV8

roll-up tool wallet made of durable polyester, empty

- With 8 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 395 x 360 mm



2002/BV8 € 11,60 1 020020020

## 2002/BV9

roll-up tool wallet made of durable polyester, empty

- With 9 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 325 x 290 mm



2002/BV9 € 11,60 1 020020030

## 2002/BV12

roll-up tool wallet made of durable polyester, empty

- With 12 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 650 x 355 mm



2002/BV12 € 19,30 1 020020040



## 2002/BV13

roll-up tool wallet made of durable polyester, empty

- With 13 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure
- Dimensions when open: 330 x 190 mm



2002/BV13 € 11,60 1 020020050

## 2002/BV42

roll-up tool wallet made of durable polyester, empty

- With 42 convenient, differently sized tool compartments: 18 elastic bands and 24 pockets, including one pocket with strap flap
- Central handle made of reinforced fabric makes it easy to carry
- Can be hung on wall by means of metal rings
- Reinforcement seams throughout wallet perimeter
- Sturdy closure with double clip buckle
- Dimensions when open: 595 x 535 mm



2002/BV42 € 28,50 1 020020070

## 2005MPU

tool pouch, empty, made from nylon, with belt

- Five large tool pockets
- One front scissors pocket
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

Dimensions: 155x285x80 mm



2005MPU € 30,00 1 020050060

## 2005PA/D

tool pouch, empty, made from nylon, with belt



2005PA/D € 70,50 1 020050000

## 2005PA/E

tool pouch, empty, made from nylon, with belt

- Two large pockets with elastic tool bands
- Two front scissors pockets
- Two convenient side compartments with:
  - left pocket with sturdy metal hook for measuring tapes
  - double right pocket with bag with drawstring and zip closure
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)

Dimensions: 260x250x190 mm



2005PA/E € 47,00 1 020050030

## 2005PA/S

tool pouch, empty, made from nylon, with belt



2005PA/S € 35,50 1 020050020

## 2009N/BV

leather bag for maintenance



2009N/BV € 298,00 1 020090200  
530x220x190 mm

## 2009ID

bag with assortment of tools for plumbing maintenance



2009ID € 906,00 1 020091013  
(2009N/BV+5980ID)

## 2028/VV

tool case, made of polypropylene

- 2 tool panels
- Interior bottom with removable partitions
- Double combination lock



2028/VV € 246,50 1 020280010  
480x190x400 mm

## 2028E

tool case with assortments of tools for electronic and electrotechnical maintenance



2028EL/A € 1.197,00 1 020281014  
(2028/VV+5980EL/A)  
2028ET/A € 1.215,00 1 020281018  
(2028/VV+5980ET/A)

## 2029/VV

tool case, made of thick polypropylene, aluminium edged

- 2 tool panels
- Bottom with removable and adjustable partitions
- Supplied with shoulder strap
- 2 keyed locks



2029/VV	€ 353,00	1	020290000
≡ 480x227x408 mm			

## 2029E

tool cases with assortments of tools for electronic and electrotechnical maintenance



2029 BG MQ (2029/VV+5980MQ)	€ 2.145,00	1	020291257
2029ET/B (2029/VV+5980ET/B)	€ 1.675,00	1	020291021
2029EL/B (2029/VV+5980EL/B)	€ 1.690,00	1	020291017

## 2032/TV

tool trolley, made from plastic

- 2 tool panels
- Tool pocket
- Interior bottom with removable partitions



2032/TV	€ 454,00	1	020320110
≡ 450x200x400 mm			

## 2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A (2032/TV+5980ET/A)	€ 1.420,00	1	020321328
2032TEL/A (2032/TV+5980EL/A)	€ 1.405,00	1	020321314

## 2033L/VV

wall tool case, made from aluminium, empty

- Highly shock resistant
- Nonscratch finish
- Ergonomic handle with rubber grip
- Double closure with combination
- 2 tool panels with elastic bands
- Interior bottom with removable partitions



2033L/VV	€ 386,00	1	020330250
≡ 470x203x373 mm			

## 2033L

aluminium tool cases with assortments of tools for electronic and electrotechnical maintenance



2033LEL/A (2033L/VV+5980EL/A)	€ 1.335,00	1	020331224
2033LEL/B (2033L/VV+5980EL/B)	€ 1.725,00	1	020331225
2033LET/B (2033L/VV+5980ET/B)	€ 1.710,00	1	020331237

## 2036/TV

tool trolley, made of thick polypropylene, aluminium edged

- 2 tool panels
- Telescopic handle
- Ball bearing castors



2036/TV	€ 532,00	1	020360000
≡ 480x267x408 mm			

## 2036E

trolley with assortments of tools for electronic and electrotechnical maintenance



2036TET/B (2036/TV+5980ET/B)	€ 1.855,00	1	020361223
2036EL/B (2036/TV+5980EL/B)	€ 1.870,00	1	020361218

## 2037/TV

tool trolley, made of thick polypropylene, with 4 pivoting castors

- Highly shock resistant. Suitable for tool transportation in aircraft.
- 2 removable tool panels.
- Built-in document pocket.
- 4 removable pivoting castors for horizontal trolley handling.
- 2 tote-trays included
- 2 TSA approved locks with keys
- Rubber-coated handle



2037/TV	€ 656,00	1	020370000
≡ 482x295x478 mm			

## 2038/TV

tool trolley, made of thick polypropylene

- Highly shock resistant
- Aluminium sealing profile
- 2 TSA approved locks with keys
- 2 removable tool panels.
- Telescopic handle and big ball bearing castors
- 2 ergonomic rubber-coated handles (including 1 side handle)
- Capacious bottom
- Document pocket
- 3 tote drawers



2038/TV € 869,00 1 020380000

430x375x525 mm

## 2041UC

Utility Case with assortment of 33 tools



2041UC € 361,00 1 020410215

- 55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 111 200 mm
- 1048V 250 mm
- 1128BMX 145 mm
- 1150 180 mm
- 1201E 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m
- 1771 170 mm
- 1833S 70 Lumen / 140 mm
- 1639NS-N 25m
- 1696 200 mm

535x282x87 mm - 4,5 Kg

## 2051N

assortment of 55 tools for nautical maintenance with shockproof polypropylene case



2051N € 841,00 1 020510215

- 42 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 55AS 3/8x7/16 - 1/2x9/16 - 5/8x11/16"
- 956C □1/2 - 16 - 20,8 mm
- 1048 250 mm
- 1084BM 160 mm
- 1128BMX 145 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1201E ●3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 1202E ●PH1x80 - PH2x100 mm
- 1390 Ø 35 mm
- 1490/2 ø max 240 mm
- 96/SC9 ○1,5÷10 mm
- 1737 145 mm
- 1778X
- BMN1436 3,6 x 140 mm
- BMESB1925NE 25 m
- 111 200 mm
- 920A ○ 10 - 12 - 13 - 14 - 17 - 19 mm
- 920AS ○ 7/16 - 1/2 - 9/16 - 11/16 - 7/8"
- 920/22 255 mm - □1/2 - ■1/2
- 920/25 □1/2 - ■1/2
- 920/42 ■1/2
- 920/55 ■1/2

585x393x92 mm - 9 kg

## 2055HB

"Home Bag" case with assortment of 24 tools



2055HB € 218,00 1 020550215

- 55 6x7 - 8x9 - 10x11 - 12x13 mm
- 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1128BMX 145 mm
- 1150 180 mm
- 1048V 250 mm
- 1201E 3x75 - 4x100 - 5,5x100 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m

373x275x70 mm - 3 Kg

## 2080/V6

organizer tool case with 6 removable tote-trays and adjustable partitions



2080/V6 mm € 40,50 1 020800060

## 2080/V6-U

removable tote-tray for organizer tool case 2080/V6



2080/V6-U € 3,10 1 020800066

90x60x50 mm

 **Beta**



## 2080/D10

set of 10 adjustable partitions for organizer tool case 2080/V6



2080/D10 € 8,20 1 020800070

## 2080/V12

organizer tool case with 12 removable tote-trays



2080/V12 300x145x330 mm € 63,50 1 020800000

## 2080/V12-...

removable tote-tray for organizer tool case 2080/V12



2080/V12-S € 3,90 3 020800013  
 95x75x65 mm  
 2080/V12-M € 5,85 2 020800015  
 145x75x65 mm  
 2080/V12-L € 10,10 1 020800020  
 295x75x65 mm

## C3

mini tool bag, made from technical fabric

Main features:

- 1 exterior front pocket with zip closure
- 2 side pockets with tote trays
- 1 convenient rear pocket with Velcro closure
- 1 removable interior tool panel, with elastic bands on both sides
- USB interface for charging mobile devices
- Complete with shoulder strap



C3 € 68,00 1 021030000  
 230x110x320 mm - 890 g

## C4 - 2104

tool basket made of technical fabric

Removable internal tool panel  
 Internal and external pockets and elastic tool holder  
 Sturdy waterproof base with rubber feet  
 Supplied with shoulder strap



C4 € 115,00 1 021040000  
 2104VU/0 € 531,00 1 021041122  
 (C4+5915VU/0)  
 330x260x360 mm - 2,5 kg

## C5S

tool rucksack, made of hard-wearing polyester

- Double handle on top centre of rucksack for firm, balanced hold
- Two large front pockets
- Two capacious interior pockets and 2 additional Velcro straps
- Handy roll-up interior bag, composed of 4 tool panels
- Adjustable reinforced shoulder straps
- Maximum carrying capacity: 15 kg



C5S € 58,50 1 021050100  
 310x120x390 mm - 0,9 Kg

## C5 - 2105

tool rucksack, made of technical fabric



C5 € 164,00 1 021050000  
 2105VU/0 € 580,00 1 021051122  
 (C5+5915VU/0)  
 400x200x500 mm - 2,5 Kg

## C6T - 2106

tool rucksack, made of technical fabric, with castors



C6T	€ 233,00	1	021060010
2106T/VU0 (C6T+5915VU/0)	€ 649,00	1	021061123

360x200x480 mm - 4,5 kg

## C7 - 2107

technical fabric tool bag

2 removable interior tool panels  
Interior PC pocket  
2 exterior front pockets  
Interior bottom made of plastic, with removable partitions



C7	€ 242,50	1	021070000
2107VU/2 (C7+5915VU/2)	€ 682,00	1	021071112
2107VU/3 (C7+5915VU/3)	€ 1.176,00	1	021071114

480x165x380 mm - 3,5 kg

## C8 - 2108

technical fabric tool trolley



C8	€ 274,00	1	021080000
2108VU/1 (C8+5915VU/1)	€ 778,00	1	021081022

470x280x380 mm - 4 kg

## C8B

tool trolley made from technical fabric, for electricians

Hard frame  
Telescopic carrying handle  
4 castors  
1 removable interior tool panel  
Front pocket with badge holder  
Double bottom complete with tote tray  
2 exterior side pockets  
2 wire puller hooks  
Tilting handle for easier access to tools  
Can be padlocked (padlock not included)



C8B	€ 221,00	1	021080300
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380x250x430 mm - 4,7 kg

## C9 - 2109

technical fabric tool bag

- Hard base
- Interior and exterior tool pockets
- Exterior pocket with zip closure for enhanced safety
- Pocket with strap closure for personal belongings
- Double bottom
- Double string for levels
- Shoulder strap for easier transport



C9	€ 132,50	1	021090000
2109VU/1 (C9+5915VU/1)	€ 636,00	1	021091022
2109VU/3 (C9+5915VU/3)	€ 1.066,00	1	021091024

550x280x320 mm - 2,6 kg

## C9/RT

shoulder strap for items  
C4, C7, C9, C10, C10S, C11 and C12



C9/RT	€ 16,40	1	021090900
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## C10 - 2110

technical fabric tool box

Hard frame  
Double bottom. Bottom can be removed for increased bag capacity  
Tilting handle for easier access to tools  
Elastic tool bands and interior and exterior pockets  
Cover  
Tote tray included in double bottom



C10	€ 166,50	1	021100000
2110VU/1 (C10+5915VU/1)	€ 670,00	1	021101031
2110VU/3 (C10+5915VU/3)	€ 1.100,00	1	021101034
2110VU/AS (C10+5915VU/AS)	€ 1.192,00	1	021101036

520x220x250 mm - 3,3 kg

## C10S - 2110S

technical fabric tool box

Hard frame  
Double bottom. Bottom can be removed for increased bag capacity  
Tilting handle for easier access to tools  
Elastic tool bands and interior and exterior pockets  
Cover  
Tool tray included in double bottom



	€		
C10S	131,00	1	021100001
2110SVU/1 (C10S+5915VU/1)	635,00	1	021101041
2110SVU/3 (C10S+5915VU/3)	1.064,00	1	021101044

≡ 420x220x250 mm - 2,3 kg

## C11 - 2111

technical fabric tool box



	€		
C11	97,00	1	021110000
2111VU/1 (C11+5915VU/1)	601,00	1	021111031
2111VU/3 (C11+5915VU/3)	1.030,00	1	021111034

≡ 410x230x250 mm - 2 kg



## C12 - 2112

technical fabric tool bag

Removable interior tool panel  
Elastic tool bands and capacious interior and exterior pockets  
Bag opens at front for easier access to tools at workplace  
Hard, waterproof base with rubber feet  
Can be used with trolley C8



	€		
C12	210,50	1	021120000
2112ET/A (C12+5980ET/A)	1.178,00	1	021121028
2112ET/B (C12+5980ET/B)	1.535,00	1	021121029
2112VU/5 (C12+5915VU/5)	1.395,00	1	021121056

≡ 500x270x350 mm - 5 kg

## C13

tool trunk with castors,  
made of hard-wearing polypropylene

- Suitable for outdoor use
- Shockproof, resistant to chemical agents
- Can be padlocked (padlock not included)
- Double closure
- Two wheels for horizontal handling of tool trunk
- With interior tote tray which can be removed and locked in two positions inside
- Name plate



	€		
C13	331,00	1	021130000

≡ 806x350x467 mm - 7,2 kg

## C14

tool trolley, made of polypropylene, with 4 drawers

- Injection polypropylene frame for increased shock resistance.
- Lid-protected front accommodates 4 pull-out drawers (470x255):  
1 drawer 30 mm high  
2 drawers 60 mm high  
1 drawer 90 mm high
- Front centralized lock allows top and front lids to be closed simultaneously.
- Two side handles
- 4 sturdy rear castors
- Removable top tray
- Tool panel built into lid
- 3 tote-trays included
- Nameplate
- Can be closed with TSA lock



	€		
C14	846,00	1	021140000
2114VU/M (C14+5914VU/M)	1.965,00	1	021141011

≡ 585x390x457 mm - 10 kg

## CP15 - 2115

tool box, made from plastic, removable tote-tray and tool trays

- 1 tool tray built into cover
- 2 removable tool trays with adjustable partitions
- 1 interior tote-tray with adjustable partitions



	€		
CP15	51,50	1	021150201
2115PVU/1 (CP15+5915VU/1)	555,00	1	021151232
2115PVU/2 (CP15+5915VU/2)	491,00	1	021151234

≡ 445x240x250 mm - 2 kg





## CP15L - 2115

tool box, long series, made from plastic, removable tote-tray and tool trays

- 3 tool trays built into cover with adjustable partitions
- 1 interior tote-tray with adjustable partitions



	€		
CP15L	70,00	1	021150202
2115PL-VU/1 (CP15L+5915VU/1)	574,00	1	021151242
2115PL-VU/3 (CP15L+5915VU/3)	1.003,00	1	021151245

558x277x270 mm - 2,5 kg

## 2115PI/BIKE-HOME

assortment of 28 tools for bike maintenance and E-bikes, in plastic box



	€		
2115PI/BIKE-HOME	279,00	1	021150098

- 96BP/SC9
- 3935
- 3969K3
- 42 8-9-10-13-14 mm
- 42SLIM 15 mm
- 1082G 160 mm
- 1150G 180 mm
- 1201E 3x75 - 5,5x150 mm
- 1202E PH0x60 - PH2x100 mm
- 3991

- BMESB1925NE 25 m
- BMM1436 3,6 x 140 mm

558x277x270 mm - 4,3 kg



## 2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray



	€		
2115PL-MQ32	1.240,00	1	021150332

- 920MQ/55A
- 89MQ 10-12 mm
- 850MQ 1/4"
- 860TX/A10 T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 920MQ/A 8-10-12-13-14-17-19 mm
- 920MQ/21 125mm
- 920MQ/22 250mm
- 1048MQ250 250mm
- 1150MQ 180mm
- 1164MQ160 160mm
- 1272MQ 4.5X80-6X100mm
- 1274MQ 3X100-4X100-5.5X125
- 1995MQ/G2 G2
- CP15L

## C16 - 2116

tool box, made of plastic, with interior object compartment, empty



	€		
C16	114,50	1	021160000
2116VU/1 (C16+5915VU/1)	618,00	1	021161102
2116VU/3 (C16+5915VU/3)	1.048,00	1	021161105

500x260x260 mm - 2,5 kg

## CP17 - CP17L - 2117

tool box, made of stainless steel and plastic, removable tote-tray



CP17  
500x200x220 mm



CP17L  
575x245x265 mm

	€		
CP17	96,00	1	021170500
2117P-VU/1 (CP17+5915VU/1)	600,00	1	021171042
2117P-VU/3 (CP17+5915VU/3)	1.029,00	1	021171045
CP17L	138,00	1	021170502
2117L-VU/1 (CP17L+5915VU/1)	642,00	1	021171142
2117PL-VU/3 (CP17L+5915VU/3)	1.071,00	1	021171145

## C18 - 2118

tool box made from sheet metal



	€		
C18	45,50	1	021180001
2118VU/1 (C18+5915VU/1)	549,00	1	021181032

450x200x100 mm - 3 kg



## C19 - 2119 - C19L - 2119L

three-section cantilever tool box,  
made from sheet metal



	€	🔧	🚚
<b>C19</b>	60,00	1	021190001
<b>2119VU/3</b> (C19+5915VU/3)	993,00	1	021191025
<b>C19L</b>	77,00	1	021190002
<b>2119L-VU/3</b> (C19L+5915VU/3)	1.010,00	1	021191125

## C20 - C20L - 2120

five-section cantilever tool box,  
made from sheet metal



	€	🔧	🚚
<b>C20</b>	84,50	1	021200001
<b>2120VU/2</b> (C20+5915VU/2)	524,00	1	021201061
<b>2120VU/3</b> (C20+5915VU/3)	1.018,00	1	021201063
<b>2120VU/4</b> (C20+5915VU/4)	1.295,00	1	021201064
<b>2120VU/AS</b> (C20+5915VU/AS)	1.110,00	1	021201068
<b>C20L</b>	92,50	1	021200002
<b>2120L-VU/2</b> (C20L+5915VU/2)	532,00	1	021201161
<b>2120L-VU/3</b> (C20L+5915VU/3)	1.026,00	1	021201163
<b>2120L-VU/4</b> (C20L+5915VU/4)	1.300,00	1	021201164
<b>2120L-VU/AS</b> (C20L+5915VU/AS)	1.118,00	1	021201168

## C20TSS

five-section cantilever tool box, made of AISI  
304 stainless steel



	€	🔧	🚚
<b>C20TSS</b>	304,00	1	021203001

≡: 450x200x210 mm - 📦 4kg

## C22B

tool trunk,  
made of sheet metal



	€	🔧	🚚
<b>C22B-O</b>	240,00	1	022000150
<b>C22BM-O</b>	276,00	1	022000160
<b>C22BL-O</b>	368,00	1	022000170

C22B O: 📦 13 kg  
C22BM O: 📦 20 kg  
C22BL O: 📦 26 kg

## C22W

tool trunk,  
made from sheet metal,  
lined for enhanced tool protection



	€	🔧	🚚
<b>C22W-O</b>	267,00	1	022000269
<b>C22WL-O</b>	347,00	1	022000299

C22W O: 📦 15 kg  
C22WL O: 📦 28 kg

## C22P

tool trunk for building yards, made of sheet  
metal

built-in, retractable handles  
raised shoes for forklift truck handling  
double burglar-proof lock closure (not included)



	€	🔧	🚚
<b>C22PM-O</b>	715,00	1	022000240
<b>C22PL-O</b>	1.104,00	1	022000245

C22PM O: 📦 39 kg  
C22PL O: 📦 67 kg



## C99

**Combo is Beta's modular system** comprised of **3 different types of sturdy tool cases** for replacing your work equipment tidily and totally safely. The tool cases can be easily joined to each other by a **simple click**, through the functional side snap-on mechanism.

*The system, Beta Combo C99, is compatible with the L-BOXX standard by Sortimo®.*

### C99

BETA COMBO comprehensive modular system

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

System comprising:

- Ultracompact folding trolley with telescopic handle C99P (485x520x1095 mm)
- ABS tool case C99V1 (445x358x152 mm)
- ABS tool case C99V2 (445x358x254 mm)
- ABS tool case with 2 portable tote trays C99V3/2C (445x358x322 mm)



C99

€ 692,00 1 099000010

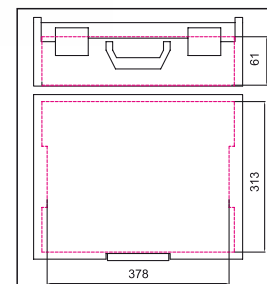
### C99V0

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 2.5 kg



C99V0

€ 112,00 1 099000202



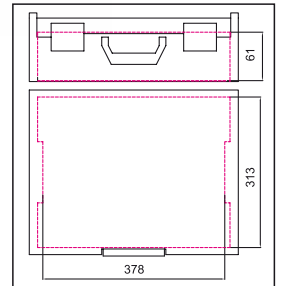
## C99V0-P12

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Particularly suitable for carrying smallwares, including screws, nuts, washers, rivets and dowels
- Supplied complete with kit of 18 tote trays:
  - 2 red trays, 52x52 mm
  - 3 yellow trays, 104x52 mm
  - 2 blue trays, 104x104 mm
  - 1 green tray, 104x156 mm
  - 2 orange trays, 208x52 mm
  - 2 grey trays, 312x71 mm, and 6 adjustable partitions
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 3.2 kg



C99V0-P12

€ 159,50 1 099000200

## C99P12-V0

kit of 18 tote trays for tool cases C99V0

Kit contents:

- 2 red trays, 52x52 mm
- 3 yellow trays, 104x52 mm
- 2 blue trays, 104x104 mm
- 1 green tray, 104x156 mm
- 2 orange trays, 208x52 mm
- 2 grey trays, 312x71 mm, and 6 adjustable partitions



C99P12-V0

€ 47,00 1 099000499

# Beta

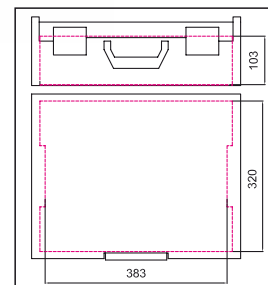
## C99V1

### COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x152 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 2.2 kg



C99V1

€ 114,00 1 099000250

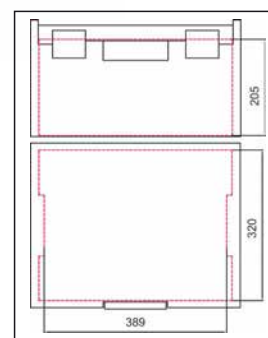
## C99V2

### COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x254 mm
- Max. interior carrying capacity: 25 kg
- Weight: 2.8 kg



C99V2

€ 126,50 1 099000350



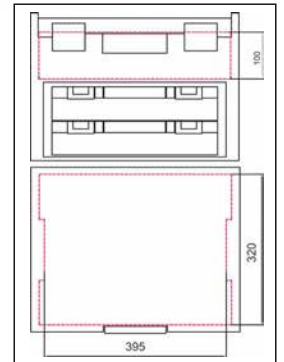
## C99V3/2C

COMBO ABS tool case with 2 portable tote trays

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x322 mm
- Max. interior carrying capacity: 25 kg
- Supplied with 2 tote trays C99C-V3, empty
- Weight: 5.6 kg



C99V3/2C

€ 243,00 1 099000450

## C99C-V3

COMBO portable tool box

Transparent cover for quick identification of contents

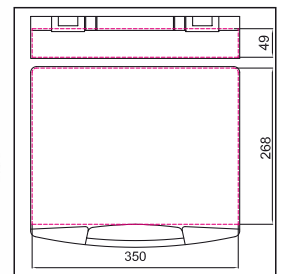
Built-in handle

Outer dimensions: 367x316x72 mm

Weight: 0.9 kg

Can be equipped with:

- 7 compartment thermoformed tote tray C99T-V3
- kit of 17 tote trays item C99P-V3



C99C-V3

€ 39,00 1 099000496

## C99P

COMBO folding tool trolley

Main features:

- Ultracompact folding tool trolley
- Telescopic handle
- Dimensions when open: 485x520x1095 mm
- Dimensions when closed: 485x80x810 mm
- Dimensions of folding base: 485x350 mm
- Two puncture proof wheels, Ø 175



C99P

€ 208,50 1 099000101



## C99PC

cover lining for wall tool cases C99V1 and C99V3/2C

Required in combination with thermoformed trays, to prevent the contents from coming out of the compartments or getting mixed up during transportation.



C99PC

€ 18,40 1 099000491

## C99T

thermoformed tote tray, 4-compartment, for tool cases C99V1 and C99V3/2C



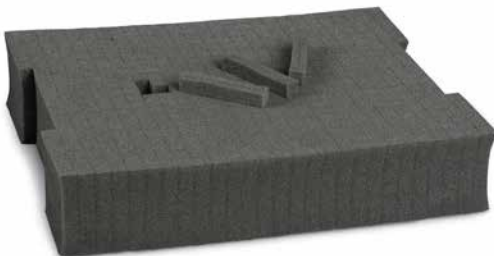
C99T

€ 26,50 1 099000492

## C99M

soft foam insert, pre-cubed, for COMBO tool cases C99V1, C99V2 and C99V3/2C

Easy to shape, for safe, customized accommodation of any tools



C99M

€ 46,00 1 099000494

## C99T-V3

thermoformed tote tray with 7 compartments, for tool boxes C99C-V3



C99T-V3

€ 13,40 1 099000497

## C99P-V3

kit of 17 tote trays for tool boxes C99C-V3

Kit contents:

- 6 red trays 52x52 mm
- 2 yellow trays 104x52 mm
- 3 grey trays 78x260 mm and 6 partitions



C99P-V3

€ 37,00 1 099000498

## C99PP

tool panel for COMBO cases

- with 6 pockets and 11 elastic tool bands
- supplied complete with hooks for fixing panel into case cover



306 mm

376 mm

C99PP

€ 49,50 1 099000489



### RSC22

portable tool chest with 3 drawers

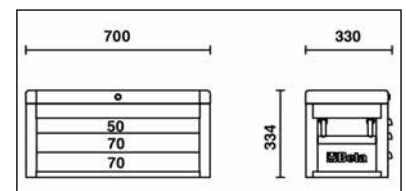
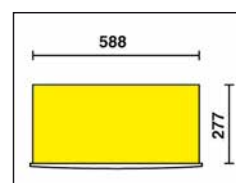
Main features:

- 3 drawers (588x277 mm)
- with ball bearing slides:
  - 1 drawer, 50 mm high
  - 2 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

19 kg



h	max
50 mm	25 kg
70 mm	25 kg



		€	1	1
RSC22-O	RAL 2011	470,00	1	022003001
RSC22-R	RAL 3000	470,00	1	022003003
RSC22-A	RAL 7016	470,00	1	022003007

## RSC23

portable tool chest  
with 5 drawers

Main features:

- 5 drawers (588x277 mm)
- with ball bearing slides:
- 2 drawers, 50 mm high
- 3 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 26 kg



RSC23-A



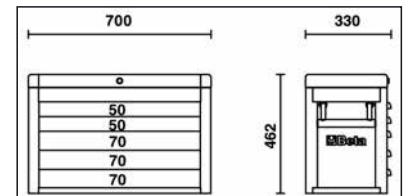
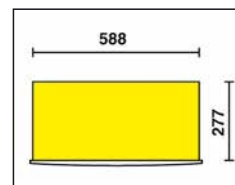
RSC23-R



RSC23-O



h	max
50 mm	25 kg
70 mm	25 kg



		€	📦	📄
RSC23-O	RAL 2011	596,00	1	023003001
RSC23-R	RAL 3000	596,00	1	023003003
RSC23-A	RAL 7016	596,00	1	023003007

## CD23S

Caddy trolley

Main features:

- ABS-coated worktop designed to match tool chests RSC22, RSC23, RSC23C, RSC23T
- Removable handle, can be stored underneath chassis.
- Four castors, Ø 100 mm: 2 fixed and 2 steering (one with brake).
- Maximum load capacity: 250 kg.

📦 14 kg



		€	📦	📄
CD23S		274,00	1	023000610

## RSC23C

portable tool chest  
with 8 drawers

Main features:

- 8 drawers (588x277 mm) with ball bearing slides:
- 4 drawers, 50 mm high
- 3 drawers, 70 mm high
- 1 drawer, 100 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 28 kg



RSC23C-A



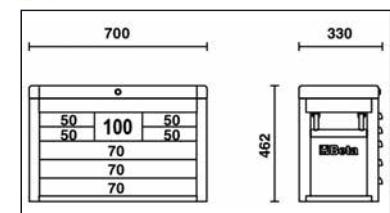
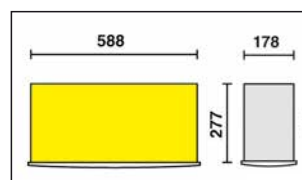
RSC23C-R



RSC23C-O



h	max
50 mm	25 kg
70 mm	25 kg



		€	📦	📄
RSC23C-O	RAL 2011	673,00	1	023003011
RSC23C-R	RAL 3000	673,00	1	023003013
RSC23C-A	RAL 7016	673,00	1	023003017



## RSC23T

portable tool chest  
with 5 drawers

Main features:

- 5 drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high.
- Front centralized lock.
- Can be fitted with kit of 4 castors and 1 handle (2300ST/KIT)

36 kg



RSC23T-A



RSC23T-B



RSC23T-G



RSC23T-N



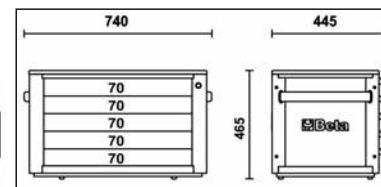
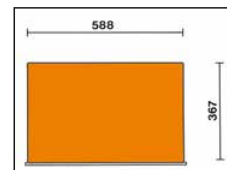
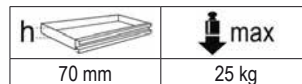
RSC23T-R



RSC23T-O



RSC23T-FO



		€		
RSC23T-FO	RAL 2011	751,00	1	023003020
RSC23T-O	RAL 2011	751,00	1	023003021
RSC23T-G	RAL 9006	751,00	1	023003022
RSC23T-R	RAL 3000	751,00	1	023003023
RSC23T-B	RAL 5015	751,00	1	023003026
RSC23T-A	RAL 7016	751,00	1	023003027
RSC23T-N	RAL 9005	751,00	1	023003029

## 2300ST/KIT

kit with 4 castors and 1 handle for C23ST

- Four castors, Ø 125 mm:  
2 fixed and 2 steering (one with brake).
- Telescopic handle

6,5 kg

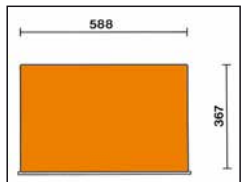
2300ST/KIT		€		
		202,50	1	023000950





# Beta

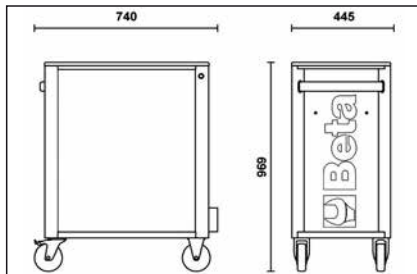
# MOBILE ROLLER CAB RSC24

**Beta**  
RSC24



### Available colours:

RSC24-		h 
FO	RAL 2011	RAL 2011
O	RAL 7016	RAL 2011
G	RAL 7016	RAL 9006
R	RAL 7016	RAL 3000
B	RAL 7016	RAL 5015
A	RAL 7016	RAL 7016
N	RAL 9005	RAL 9005



## NEW WORKTOP

**FIRMER AND STURDIER  
MORE CONVENIENT  
AND FUNCTIONAL  
MORE MODERN**



- Drawers with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- New ABS reinforced worktop, designed to support tool chests RSC22, RSC23, RSC23C and RSC23T
- Multi-purpose top with anti-fall edges and eight holes for accommodating screwdrivers
- Front centralized safety lock
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 800 kg

### Available models:

- RSC24/5 (5 drawers)
- RSC24/6 (6 drawers)
- RSC24/7 (7 drawers)
- RSC24/8 (8 drawers)

### Available accessories:



## RSC24/7

mobile roller cab with 7 drawers

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg



	€	1	024004070
RSC24/7-FO	1.047,00	1	024004070
RSC24/7-O	1.047,00	1	024004071
RSC24/7-G	1.047,00	1	024004072
RSC24/7-R	1.047,00	1	024004073
RSC24/7-B	1.047,00	1	024004076
RSC24/7-A	1.047,00	1	024004077
RSC24/7-N	1.047,00	1	024004079

800 kg



**Beta**  
RSC24



h 	↓ max 
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## RSC24/5

mobile roller cab with 5 drawers

Main features:

- 5 fully removable drawers (588x367 mm), with ball bearing slides:
- 2 drawers, 70 mm high
- 2 drawers, 140 mm high
- 1 drawer, 280 mm high

60 kg

	€	📦	🚚
RSC24/5-FO	904,00	1	024004050
RSC24/5-O	904,00	1	024004051
RSC24/5-G	904,00	1	024004052
RSC24/5-R	904,00	1	024004053
RSC24/5-B	904,00	1	024004056
RSC24/5-A	904,00	1	024004057
RSC24/5-N	904,00	1	024004059



RSC24/5-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

## RSC24/6

mobile roller cab with 6 drawers

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

62 kg

	€	📦	🚚
RSC24/6-FO	973,00	1	024004060
RSC24/6-O	973,00	1	024004061
RSC24/6-G	973,00	1	024004062
RSC24/6-R	973,00	1	024004063
RSC24/6-B	973,00	1	024004066
RSC24/6-A	973,00	1	024004067
RSC24/6-N	973,00	1	024004069



RSC24/6-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

## RSC24/8

mobile roller cab with 8 drawers

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

66 kg

	€	📦	🚚
RSC24/8-FO	1.130,00	1	024004080
RSC24/8-O	1.130,00	1	024004081
RSC24/8-G	1.130,00	1	024004082
RSC24/8-R	1.130,00	1	024004083
RSC24/8-B	1.130,00	1	024004086
RSC24/8-A	1.130,00	1	024004087
RSC24/8-N	1.130,00	1	024004089



RSC24/8-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg



## RSC24A/6

mobile roller cab with 6 drawers,  
with anti-tilt system

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

800 kg



RSC24A/6-O

62 kg

	€		
RSC24A/6-O	1.083,00	1	024004161
RSC24A/6-R	1.083,00	1	024004163
RSC24A/6-A	1.083,00	1	024004167

Beta RSC24



RSC24A/6-A



RSC24A/6-R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

## RSC24A/7

mobile roller cab with 7 drawers,  
with anti-tilt system

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high.

800 kg



RSC24A/7-O

63 kg

	€		
RSC24A/7-O	1.159,00	1	024004171
RSC24A/7-R	1.159,00	1	024004173
RSC24A/7-A	1.159,00	1	024004177

Beta RSC24



RSC24A/7-A



RSC24A/7-R



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

## RSC24A/8

mobile roller cab with 8 drawers,  
with anti-tilt system

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

800 kg



RSC24A/8-O

66 kg

	€		
RSC24A/8-O	1.250,00	1	024004181
RSC24A/8-R	1.250,00	1	024004183
RSC24A/8-A	1.250,00	1	024004187

Beta RSC24



RSC24A/8-A



RSC24A/8-R



h	max
70 mm	25 kg
140 mm	30 kg

# MOBILE ROLLER CAB RSC24AXL

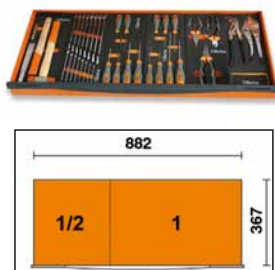
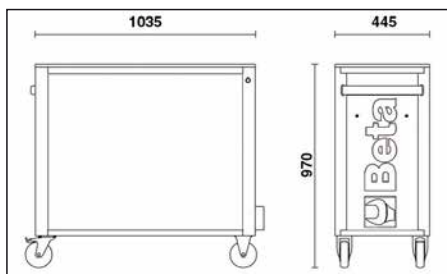


**LONG VERSION:**  
each drawer can accommodate up to 6 EVA foam  
or ABS thermoformed trays

## ANTI-TILT SYSTEM: PREVENTS SEVERAL DRAWERS FROM BEING SIMULTANEOUSLY OPENED



- Drawers with ball bearing slides
- New ABS reinforced worktop with anti-fall edges, eight holes for accommodating screwdrivers and 6 tote trays.
- Sturdy nylon front, with built-in label holder
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Drawer bases protected by foamed rubber mats
- Integrated side bottle holder
- Front centralized safety lock



### Available colours:

O	RAL 7016	RAL 2011
G	RAL 7016	RAL 7016
R	RAL 7016	RAL 3000

### Available accessories:



## RSC24AXL/7

mobile roller cab with 7 drawers,  
with anti-tilt system,  
long model

Main features:

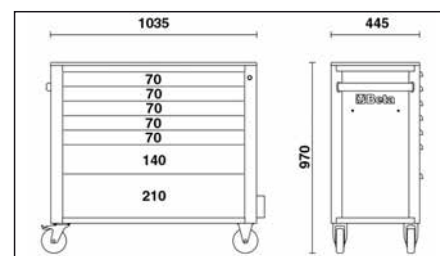
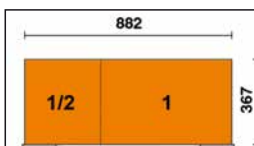
- 7 fully removable drawers (882x367 mm), with ball bearing slides:
  - 5 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 210 mm high



h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



84 kg



	€	↓	🚚
RSC24AXL/7-O	1.470,00	1	024004271
RSC24AXL/7-R	1.470,00	1	024004273
RSC24AXL/7-A	1.470,00	1	024004277

## RSC24AXL/8

mobile roller cab with 8 drawers,  
with anti-tilt system,  
long model

Main features:

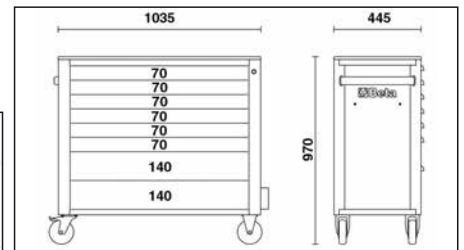
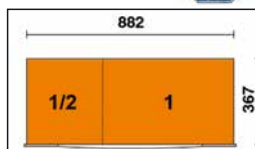
- 8 fully removable drawers (882x367 mm), with ball bearing slides: 6 drawers, 70 mm high. 2 drawers, 140 mm high.

88 kg

	€	1	024004281
RSC24AXL/8-O	1.575,00	1	024004281
RSC24AXL/8-R	1.575,00	1	024004283
RSC24AXL/8-A	1.575,00	1	024004287



h	max
70 mm	30 kg
140 mm	35 kg



## RSC24AXL/9

mobile roller cab with 9 drawers,  
with anti-tilt system,  
long model

Main features:

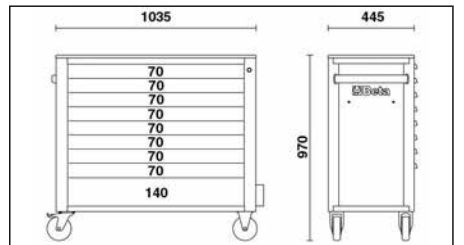
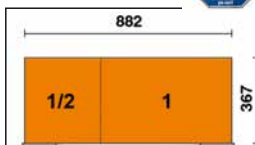
- 9 fully removable drawers (882x367 mm), with ball bearing slides: 8 drawers, 70 mm high. 1 drawer, 140 mm high.

90 kg

	€	1	024004291
RSC24AXL/9-O	1.675,00	1	024004291
RSC24AXL/9-R	1.675,00	1	024004293
RSC24AXL/9-A	1.675,00	1	024004297



h	max
70 mm	30 kg
140 mm	35 kg





## 2400 RSC24/PC

paper roll holder for mobile roller cab RSC24

0,3 kg

	€		
2400 RSC24/PC-A	24,60	1	024004903
2400 RSC24/PC-N	24,60	1	024004904



RAL7016 2400 RSC24/PC-A  
RAL9005 2400 RSC24/PC-N



## 2400 RSC24/PD

document holder for mobile roller cab RSC24

1,2 kg

	€		
2400 RSC24/PD-A	43,50	1	024004907
2400 RSC24/PD-N	43,50	1	024004908



RAL7016 2400 RSC24/PD-A  
RAL9005 2400 RSC24/PD-N



## 2400 RSC24/PF

perforated tool panel with supports, for roller cab RSC24

2,3 kg

	€		
2400 RSC24/PF	78,00	1	024004902

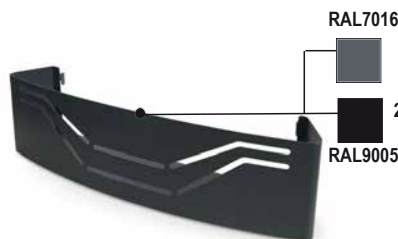


## 2400 RSC24/PF-

bottle holder for mobile roller cab RSC24

0,5 kg

	€		
2400 RSC24/PF-A	26,00	1	024004905
2400 RSC24/PF-N	26,00	1	024004906



RAL7016 2400S RSC24/PF-A  
RAL9005 2400S RSC24/PF-N



## 2400 RSC24/PL

wood worktop for roller cab RSC24

4,3 kg

	€		
2400 RSC24/PL	97,00	1	024004901



## 2400 RSC24/SPC

computer bracket for mobile roller cab RSC24

- With removable drawer
- Cannot be used with model RSC24AXL

3,1 kg

	€		
2400 RSC24/SPC	141,50	1	024004909



## 2400 RSC24/MP

folding shelf for items RSC24 - RSC24A - RSC51

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

📦 3,4 kg



2400 RSC24/MP

€ 74,50 1 024004900

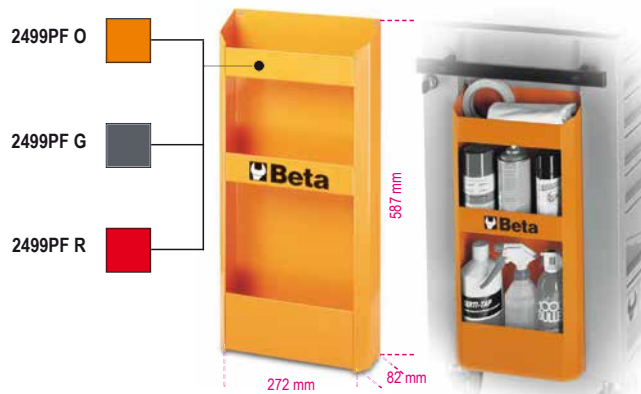
## 2499PF

bottle holder

- Can match roller cabs C38, C38A

📦 2,5 kg

2499PF-O	€ 72,50	1	024990210
2499PF-G	€ 72,50	1	024990219
2499PF-R	€ 72,50	1	024990230



## 2499PF/M

universal magnetic bottle holder

📦 2,2 kg

2499PF/M	€ 65,50	1	024990050
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## 2499PC

paper roll holder

- Matches Tank trolleys C25 and cabs C38.

📦 2,2 kg

2499PC	€ 77,00	1	024990090
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## RSC24L/7

mobile roller cab  
with 7 drawers  
and side shelves

Main features:

- 7 drawers (588x367 mm)  
with ball bearing slides:  
5 drawers, 70 mm high  
1 drawer, 140 mm high  
1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:  
2 fixed and 2 steering with brakes.
- Front centralized lock.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes  
for a vice  
(1599F/100, to be ordered separately).
- Side compartment with vertically adjustable shelf.
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder

80 kg

		€	1	441
RSC24L/7-O	RAL 2011	1.590,00	1	024004371
RSC24L/7-R	RAL 3000	1.590,00	1	024004373
RSC24L/7-A	RAL 7016	1.590,00	1	024004377

Beta RSC24

1100 kg



RSC24L/7-A

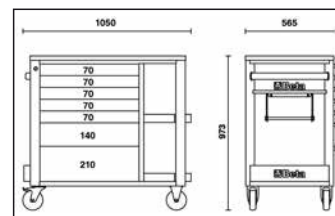
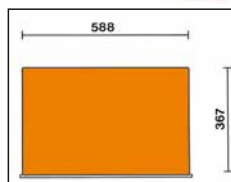


RSC24L/7-R



RSC24L/7-O

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## RSC24L-CAB

mobile roller cab  
with 7 drawers  
and tool cabinet

Main features:

- 7 drawers (588x367 mm)  
with ball bearing slides:  
5 drawers, 70 mm high  
1 drawer, 140 mm high  
1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:  
2 fixed and 2 steering with brakes.
- Front centralized lock.
- Side tool cabinet with lockable door and vertically adjustable interior shelf.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes  
for a vice  
(1599F/100, to be ordered separately).
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder

82 kg

		€	1	441
RSC24L-CAB/O	RAL 2011	1.645,00	1	024004471
RSC24L-CAB/R	RAL 3000	1.645,00	1	024004473
RSC24L-CAB/A	RAL 7016	1.645,00	1	024004477

Beta RSC24

1100 kg



RSC24L-CAB/A

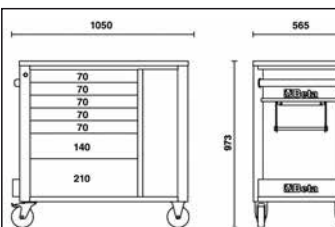
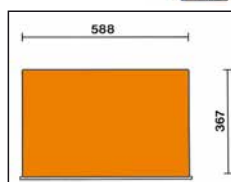


RSC24L-CAB/R



RSC24L-CAB/O

h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg





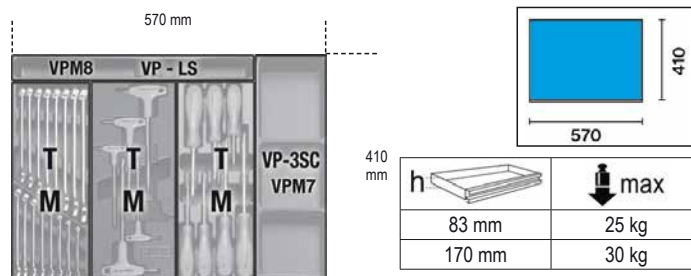
## C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel,  
Non-marking wheels

Main features:

- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

63 kg



C04TSS/7 € 2.720,00 1 024003077 305

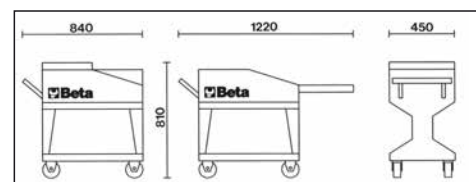
## C25

Tank trolley with shelf

Main features:

- Foldaway lid.
- 1 sliding drawer.
- Tool tray protected by foamed rubber mats.
- Shelves protected by oil and fuel proof mats.
- Four castors 100 mm in Ø:
- 2 fixed and 2 swivelling (one with brake).
- Safety lock.
- One more shelf M4 can be added on the opposite side.
- Empty thermoformed tray for 1/2" sockets and accessories (024990104).
- Paper roll holder item 2499PC can also be included

31,5 kg



C25 € 682,00 1 025000001

## C27S

folding tool trolley for outdoor jobs

Folding tool trolley. Its unique patented design guarantees an effortless transport.

### Features:

- 2 drawers, 588x277 mm, with ball bearing slides, for two-way opening
- Large lower object compartment, 588x277x220 mm
- Sheet metal frame
- 2 fixed castors, Ø 160 mm, and 2 steering castors with brake, Ø 100 mm
- Thermoplastic worktop with 6 built-in tool trays
- Centralized lock
- Can accommodate drawer partitions and MC foam tool trays

20 kg



C27S-O



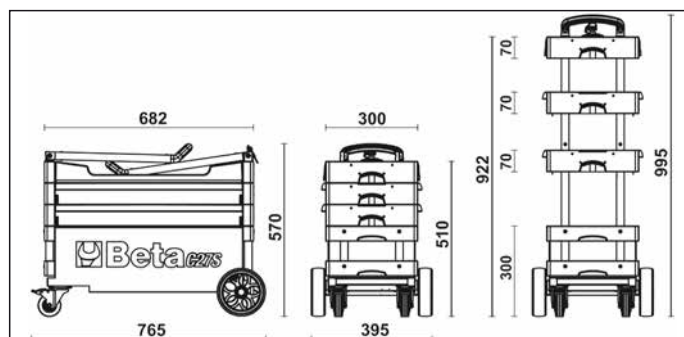
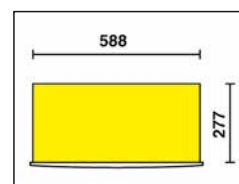
C27S-G



C27S-R



h	max
70 mm	20 kg



		€	↓	🚚
C27S-O	RAL 2011	765,00	1	027000201
C27S-G	RAL 7016	765,00	1	027000202
C27S-R	RAL 3000	765,00	1	027000203

## RSC28

SuperTank trolley with wood worktop and 10 drawers

Main features:

- 10 drawers (588x367 mm) with ball bearing slides.
- Quick, safe system for opening and closing drawers, with nylon and fibreglass front.
- 5 side drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high.
- 5 front drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 high-capacity castors, Ø 150 mm:
  - 2 fixed and 2 steering with brakes.
- 2 centralized safety locks.
- 3 front tool drawers.
- Multi-ply wood worktop with holes for a vice (1599F/150, to be ordered separately).
- Built-in tool compartment.
- Side compartment with foldaway door with lock.
- Built-in bottle holders.
- 135-mm-high storage compartment with plastic-covered base.
- Static load capacity: 1,200 kg.

1200  
kg



RSC28-O

130 kg



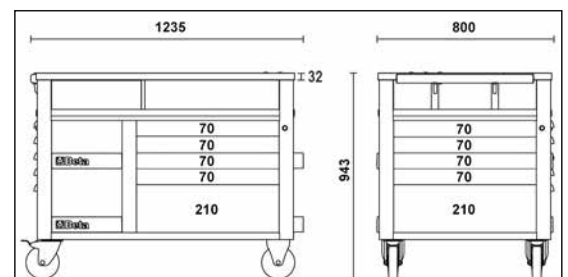
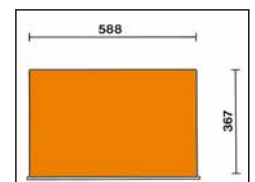
RSC28-A



RSC28-R



h	max
70 mm	25 kg
210 mm	30 kg



	€		
RSC28-O	2.890,00	1	028003001
RSC28-R	2.890,00	1	028003003
RSC28-A	2.890,00	1	028003007



## C30M

### MaxiTank mobile workbench

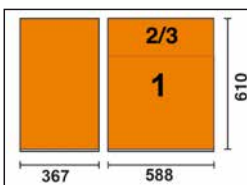
#### Main features:

- 5 front drawers with ball bearing slides:
  - 3 drawers (367x610 mm), 90 mm high
  - 1 drawer (588x610 mm), 90 mm high
  - 1 drawer (588x610 mm), 180 mm high.
- Quick opening system with aluminium front.
- Drawer bases protected by foamed rubber mats.
- Can be fitted with thermoformed trays.
- One hydraulic jack, designed to lift front part effortlessly, thus allowing easy transportation.
- 4 high-capacity castors:
  - 2 steering, front, Ø 150 mm
  - 2 fixed, rear, Ø 170 mm.
- Oil-proof, rubber-coated worktop, 1300x800 mm, with drain hole for fluid collection in a small tank.
- Storage compartment, 720x250x1300 mm, with PVC-coated worktop and front sliding panels.
- Centralized lock for drawers and panels.
- 3 built-in side bottle holders.
- Built-in paper roll holder
- Static load capacity: 1,800 kg.
- Can accommodate a multi-ply wood worktop (3000M/PLM), to be ordered separately
- Can accommodate vice 1599F/150 (to be ordered separately).

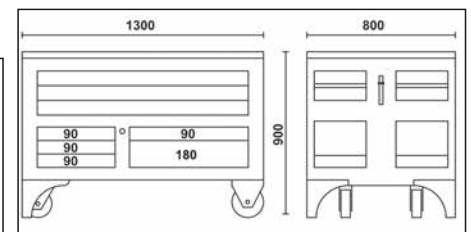
1800  
kg



200 kg



h	max
90 mm	30 kg
180 mm	35 kg



C30M

€ 4.610,00 1 030000300

## 3000M/PLM

wood worktop for C30M,  
with holes for a vice (1599F/150)

10 kg



1240x740x26 mm

3000M/PLM

€ 464,00 1 030000350



## FUNCTIONAL AND STURDY

- Pull-out drawers
- Front centralized safety lock
- Can accommodate a worktop and drawer partitions, to be ordered separately
- Static load capacity: 1200 kg

### Available models:

- **C35/6GM** (6 drawers)
- **C35/7GM** (7 drawers)
- **C35/8GM** (8 drawers)
- **C35/9GM** (9 drawers)

### Available accessories:



## C35/6GM

industrial tool chest with 6 drawers

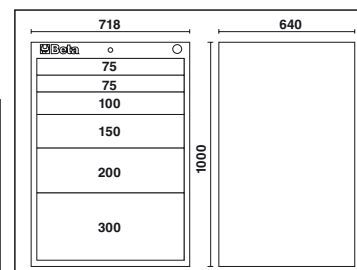
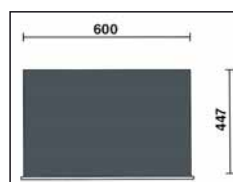
Main features:

- 6 pull-out drawers (600x447 mm):
  - 2 drawers, 75 mm high
  - 1 drawer, 100 mm high
  - 1 drawer, 150 mm high
  - 1 drawer, 200 mm high
  - 1 drawer, 300 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

75 kg



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg
300 mm	70 kg



C35/6GM € 1.855,00 1 035000162

## C35/7GM

industrial tool chest with 7 drawers

Main features:

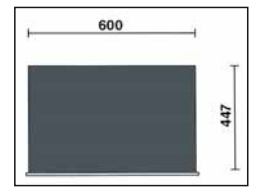
- 7 pull-out drawers (600x447 mm):  
2 drawers, 75 mm high  
1 drawer, 100 mm high  
3 drawers, 150 mm high  
1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

82 kg

C35/7GM € 1.940,00 1 035000172



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



718	640
75	1000
75	
100	
150	
150	
150	
200	

## C35/8GM

industrial tool chest with 8 drawers

Main features:

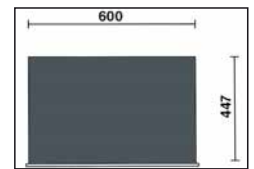
- 8 pull-out drawers (600x447 mm):  
4 drawers, 75 mm high  
1 drawer, 100 mm high  
2 drawers, 150 mm high  
1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

86 kg

C35/8GM € 2.065,00 1 035000182



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg



718	640
75	1000
75	
75	
100	
150	
150	
200	

## C35/9GM

industrial tool chest with 9 drawers

Main features:

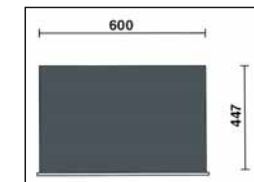
- 9 pull-out drawers (600x447 mm):  
6 drawers, 75 mm high  
3 drawers, 150 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

91 kg

C35/9GM € 2.165,00 1 035000192



h	max
75 mm	70 kg
150 mm	70 kg

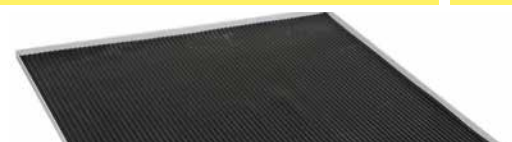


718	640
75	1000
75	
75	
75	
75	
75	
150	
150	
150	

## 3500/P-M

worktop with perimeter edge for tool chest C35

3500/P-M 700x600 mm € 361,00 1 035000505



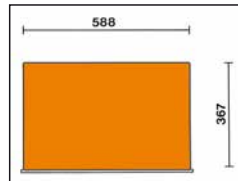


## SOFT BUMPERS

- Drawers with ball bearing slides
- Sturdy multi-purpose worktop
- Quick release system made of aluminium, opening throughout length of drawer
- Tote-trays and holes for accommodating screwdrivers
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Built-in side bottle and paper holders, adjustable in several positions

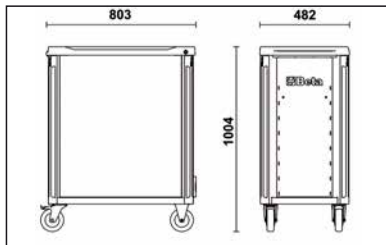
### Available models:

- C37/6 (6 drawers)
- C37/7 (7 drawers)
- C37/8 (8 drawers)
- C37A/7 (7 drawers with anti-tilt system)



### Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000



### Available accessories:



## C37/7

mobile roller cab with 7 drawers

Main features:

- 7 drawers (588x367 mm) with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg



C37/7-G



C37/7-R



	€	📦	🖨️
C37/7-O	1.260,00	1	037000071
C37/7-G	1.260,00	1	037000072
C37/7-R	1.260,00	1	037000073

h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg

### C37/6

mobile roller cab  
with 6 drawers

Main features:

- 6 drawers (588x367 mm) with ball bearing slides:
- 4 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 305 mm high

69 kg

	€	↕	📄
C37/6-O	1.220,00	1	037000061
C37/6-G	1.220,00	1	037000062
C37/6-R	1.220,00	1	037000063



C37/6-G



C37/6-R



h	max
75 mm	30 kg
150 mm	35 kg
305 mm	40 kg



### C37/8

mobile roller cab  
with 8 drawers

Main features:

- 8 drawers (588x367 mm) with ball bearing slides:
- 6 drawers 75 mm high
- 2 drawers 150 mm high

73 kg

	€	↕	📄
C37/8-O	1.310,00	1	037000081
C37/8-G	1.310,00	1	037000082
C37/8-R	1.310,00	1	037000083



C37/8-G



C37/8-R



h	max
75 mm	30 kg



### C37A/7

mobile roller cab  
with 7 drawers, with anti-tilt system

Main features:

- 7 drawers (588x367 mm), with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg

	€	↕	📄
C37A/7-O	1.295,00	1	037000271
C37A/7-G	1.295,00	1	037000272
C37A/7-R	1.295,00	1	037000273



C37A/7-G



C37A/7-R



h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg



### 3700/PLA

stainless steel worktop for mobile roller cab item C37

2,8 kg

3700/PLA € 73,50 1 037000100



### 3700/PLL

wood worktop for tool trolley C27

Can accommodate a vice (1599P/100, to be ordered separately)

3,9 kg

3700/PLL € 92,00 1 037000101



672x396x28 mm

### 3700/PF

perforated panel with brackets for mobile roller cab item C37

3,2 kg

3700/PF € 73,00 1 037000102

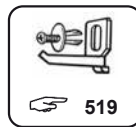


### 3700/PFL

perforated side panel for mobile roller cab item C37

1,9 kg

3700/PFL € 39,00 1 037000104



### 3700/PC

computer bracket for mobile roller cab item C37

3,1 kg

3700/PC € 99,50 1 037000103





## C38

mobile roller cab  
with eleven drawers

Main features:

- Eleven drawers with ball bearing slides:
- 1 drawer 937x410x122 mm
- 3 drawers 570x410x74 mm
- 2 drawers 570x410x153 mm
- 3 drawers 313x410x74 mm
- 2 drawers 313x410x153 mm.
- Drawer bases protected by foamed rubber mats.
- Static load capacity: 1200 kg.
- 4 high-capacity castors: Ø 125 mm:
- 2 fixed and 2 steering (both with lever brake).
- Front centralized lock.
- Sheet metal worktop covered by a rubber mat.
- Can be fitted with paper roll holder item 2499PC and bottle holder item 2499PF.

114 kg

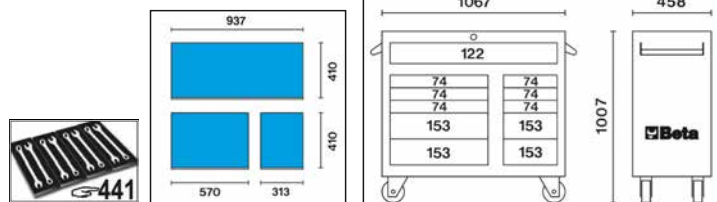


C38-G

C38-R

C38-O

h	max
74 mm	25 kg
153 mm	30 kg



	€		
C38-O	1.995,00	1	038000001
C38-G	1.995,00	1	038000003
C38-R	1.995,00	1	038000002

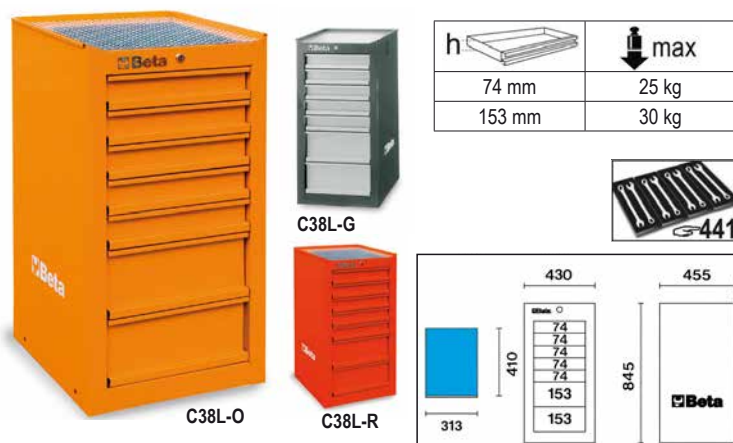
## C38L

side cab with 7 drawers

Main features:

- 7 drawers (410x313 mm), with ball bearing slides:
- 5 drawers, 74 mm high
- 2 drawers, 153 mm high.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be hooked to both sides of roller cab C38.

45 kg



C38L-G

C38L-R

h	max
74 mm	25 kg
153 mm	30 kg

	€		
C38L-O	966,00	1	038000081
C38L-G	966,00	1	038000083
C38L-R	966,00	1	038000082

## C38LA

side module with door  
and interior shelf

Main features:

- Front lock.
- Vertically adjustable interior shelf.
- Document pocket inside door.
- Nonslip aluminium worktop.
- Can be hooked to both sides of mobile roller cab C38.

18 kg



C38LA-G

C38LA-R

	€		
C38LA O	369,00	1	038000071
C38LA G	369,00	1	038000073
C38LA R	369,00	1	038000072

## C38C

mobile roller cab  
with thirty three drawers,  
comprising:

- 1 mobile roller cab C38
- 2 side cabs C38L
- 1 cab C38T with top chest

268 kg



C38C-O



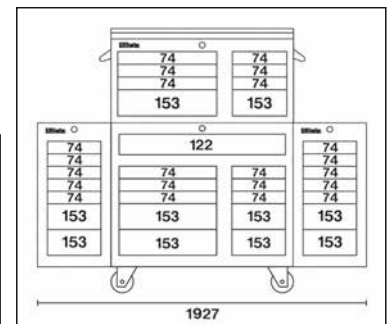
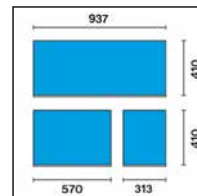
C38C-G



C38C-R



h	max
74 mm	25 kg
153 mm	30 kg



	€		
C38C-O	5.180,00	1	038000201
C38C-G	5.180,00	1	038000203
C38C-R	5.180,00	1	038000202

## C38T

top cab  
with 8 drawers and tool compartment

Main features:

- 8 drawers with ball bearing slides:  
3 drawers 570x410x74 mm  
1 drawer 570x410x153 mm  
3 drawers 313x410x74 mm  
1 drawer 313x410x153 mm.
- Tool compartment.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Can be placed on worktop or mobile roller cab C38.

64 kg



C38T-O

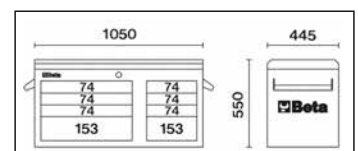
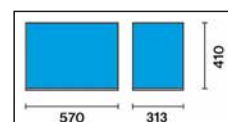


C38T-G



C38T-R

h	max
74 mm	25 kg
153 mm	30 kg



	€		
C38T-O	1.255,00	1	038000091
C38T-G	1.255,00	1	038000093
C38T-R	1.255,00	1	038000092

# MOBILE ROLLER CAB C39


## UPRIGHTS AND DRAWER FRONT MADE OF ALUMINIUM ALLOY + STURDINESS + LIGHTWEIGHTNESS

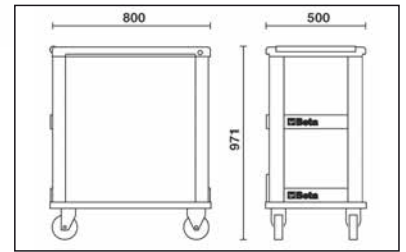
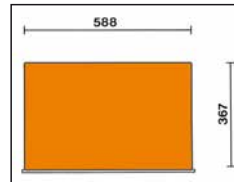
- Drawers with ball bearing slides
- Thermoplastic worktop, designed to support portable tool chest C39T
- Quick release system made of aluminium, opening throughout length of drawer
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1200 kg
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Tote-trays and holes for accommodating screwdrivers
- Integrated side and rear bottle holders
- Integrated paper roll holder

### Available models:

- C39/6 (6 drawers)
- C39/7 (7 drawers)
- C39/8 (8 drawers)

### Available colours:

	
O	RAL 2011
G	RAL 7016
R	RAL 3000



## C39/7

roller cab  
with seven drawers

Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
  - 5 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 210 mm high.

61 kg



C39-7/G



C39-7/R

C39-7/O

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



	€	📦	🚚
C39-7/O	1.900,00	1	039000001
C39-7/G	1.900,00	1	039000002
C39-7/R	1.900,00	1	039000003



## C39/6

mobile roller cab with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

59 kg

	€		
C39-6/O	1.800,00	1	039000031
C39-6/G	1.800,00	1	039000032
C39-6/R	1.800,00	1	039000033



C39-6/O



C39-6/G



C39-6/R



h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg



## C39/8

mobile roller cab with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

64 kg

	€		
C39-8/O	2.030,00	1	039000041
C39-8/G	2.030,00	1	039000042
C39-8/R	2.030,00	1	039000043



C39-8/O



C39-8/G



C39-8/R



h	max
70 mm	30 kg



## C39T

portable tool chest with four drawers

Main features:

- Four drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- Front centralized safety lock.
- Uprights and drawer front made of aluminium.

29 kg

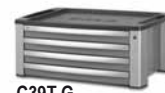
	€		
C39T-O	1.220,00	1	039000101
C39T-G	1.220,00	1	039000102
C39T-R	1.220,00	1	039000103



C39T-O



C39T-R

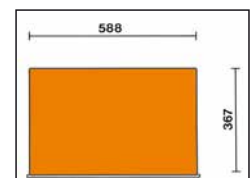
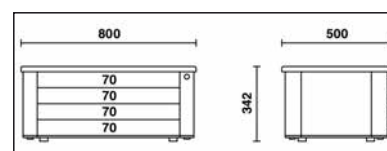


C39T-G



29 kg

h	max
70 mm	30 kg



## 2400-COVER RSC24

nylon cover for mobile roller cabs RSC24 - C39

2400-COVER RSC24 € 24,70 1 024000910



## 2400-COVER RSC24AXL

nylon cover for mobile roller cabs RSC24AXL, RSC24L, RSC24L-CAB

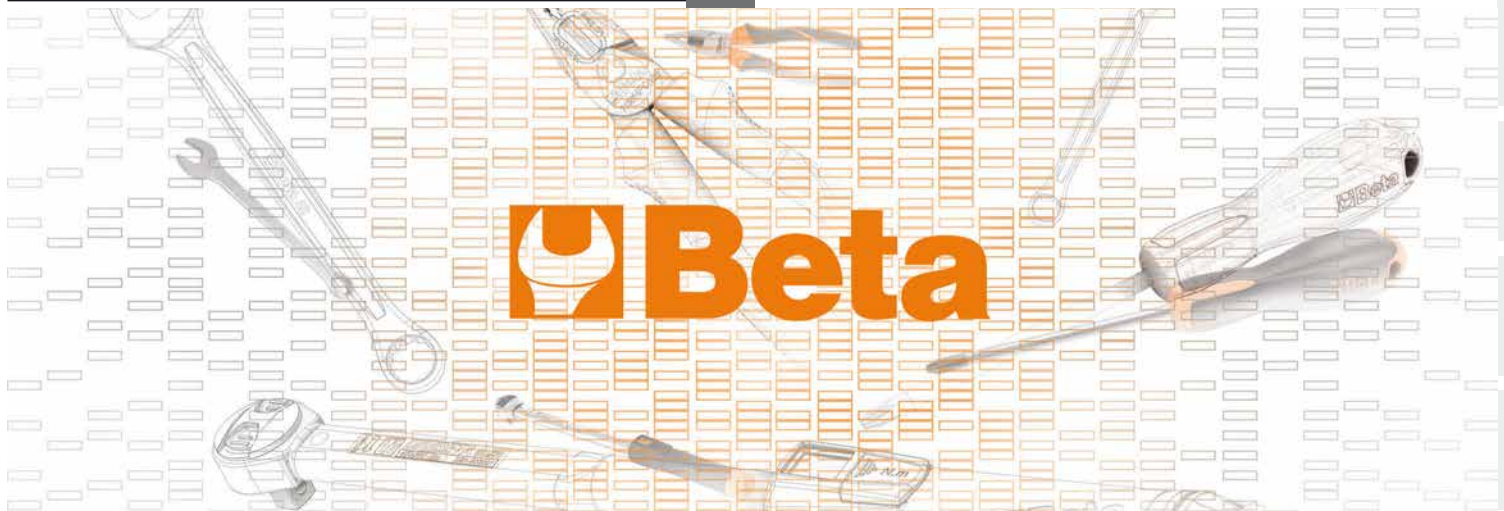
2400-COVER RSC24AXL € 34,00 1 024000930



## 3700-COVER C37

Nylon cover for mobile roller cab item C37

3700-COVER C37 € 32,50 1 037000930



## C39SM

special mobile roller cab, Racing SM type

### Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

### 7-drawer module

588x367 mm, with ball bearing slides:

- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

### Service module

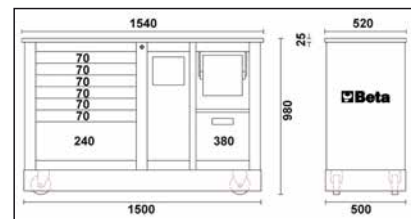
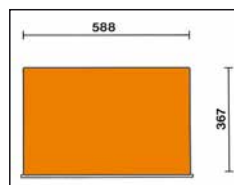
- Integrated wastepaper basket
- Paper roll compartment
- 1 large drawer (420x305x270 mm)

125 kg

		€	1	039390001
C39SM-O	RAL 2011	3.090,00	1	039390001
C39SM-G	RAL 7016	3.090,00	1	039390002
C39SM-R	RAL 3000	3.090,00	1	039390003



h	max
70 mm	30 kg
240 mm	40 kg



## C39MD

special mobile roller cab, Racing MD type

### Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

### 7-drawer module

588x367 mm, with ball bearing slides:

- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

### 2-drawer module

588x367x270 mm and 588x367x380 mm, with ball bearing slides:

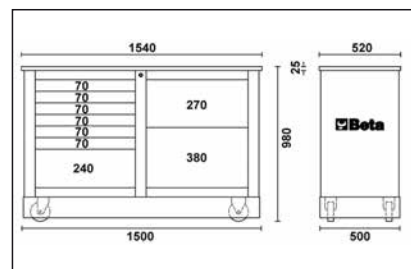
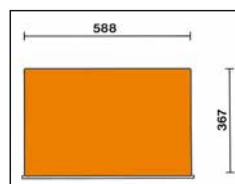
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Opening system throughout length of drawers
- Drawer front made of aluminium

123 kg

		€	1	039390101
C39MD-O	RAL 2011	3.180,00	1	039390101
C39MD-G	RAL 7016	3.180,00	1	039390102
C39MD-R	RAL 3000	3.180,00	1	039390103



h	max
70 mm	30 kg
240 mm	40 kg





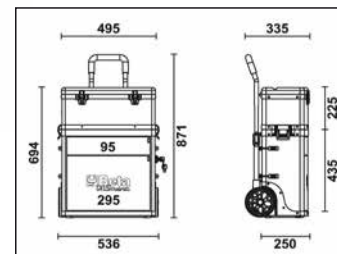
## C41S

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
  - 1 upper tool box,
  - 1 module with 2 drawers, 95 mm and 295 mm high respectively.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5940/SBK and 5915VU/5



16 kg

C41S	€	524,00	1	041000001
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## C41H

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
  - 1 upper tool box,
  - 1 module with 2 drawers 95 mm in height,
  - 1 pull-out case made of plastic, 66 mm high, and 1 drawer 295 mm in height.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5941VU/M, 5940/SBK and 5915VU/5

\* Colours available on request



C41H-O



C41H-W

C41H-Y

C41H-R

C41H-V

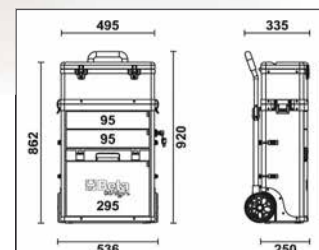
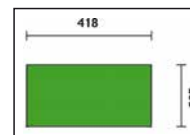
C41H-B

C41H-G

C41H-N

21 kg

		€	1	
C41H-O	RAL 2011	592,00	1	041000002
C41H-N	RAL 9005	592,00	1	041000005
C41H-B	RAL 5002	592,00	1	041000006
C41H-R	RAL 3000	592,00	1	041000008
C41H-G	RAL 7016	592,00	1	041000010
C41H-Y	RAL 1023	592,00	1	041000012
C41H-W	RAL 9016	592,00	1	041000021
C41H-V	RAL 6016	592,00	1	041000024



## C41H/CE

tool chest  
with removable partitions for small tools,  
made from plastic material

1,3 kg

C41H/CE	€	37,00	1	041000916
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## C42H

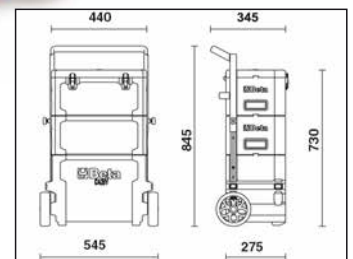
three-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 3 detachable modules:
  - 1 upper tool box, 220 mm high
  - 1 central tool module, 180 mm high.
  - 1 lower tool module with castors, 330 mm high.
- Oversized castors (ø 160 mm).
- Telescopic handle, can be adjusted in 3 positions
- Quick module release system: easy, quick access to all tool compartments.
- Upper tool box with interior object compartment and 3 tool trays built into cover.
- Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg



C42H

€ 421,00 1 042000002

 **Beta**

## CX49-G

multi-purpose trolley

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

### Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 2 central shelves with adjustable position and 1 fixed low shelf
- 4 useful side cable reels made of plastic - 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with brake)
- Weight: 43 kg

CX49 € 781,00 1 049000102

1099 mm  
460 mm  
435 mm



## CA49-G

multi-purpose trolley with door

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

### Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 1 shelf with adjustable position, 1 fixed shelf and door
- 4 useful side cable reels made of plastic
- 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with frame)
- Weight: 36.5 kg

CA49 G € 877,00 1 049000112



1099 mm  
460 mm  
435 mm



## 4900-COVER C49

nylon cover for multi-purpose tool trolley item C49

4900-COVER C49 € 37,00 1 049000930



1002 mm



## C48M

### electric platform cart, with panels

Compact dimensions and versatile use make the C48M platform cart the ideal solution for handling heavy loads (boxes, containers, bulky objects, parts of equipment) in the power-assisted mode in complete safety, including in hardly accessible areas and in work environments which cannot be accessed via conventional forklift trucks. This results in significantly reduced hazards for operators - e.g. musculoskeletal disorders caused by manual handling of loads.

Motorized platform, with 24V - 400W motor with 2x12V 33Ah battery supply and Curtis control card. Loading floor made from sturdy steel, coated with non-slip rubber, with round tubular panels preventing objects from falling during transport. The panels can be removed, to cater to individual transportation requirements.

The control console is equipped with the following:

- ignition key
- speed adjusting knob
- side butterfly handles for traction control
- intermittent beep, which is activated when moving in reverse
- battery charge indicator
- electric brake cut-out button
- emergency mushroom head button.

Fitted with 2 pneumatic traction wheels (Ø 260 mm) and 2 swivelling rubber wheels (Ø 150mm), electromagnetic brake and differential gear. Supplied with an external battery charger, 220V/50Hz - V/A 24/12

#### FUNCTIONAL SPECIFICATIONS

- Carrying capacity: 400 kg
- Driving speed: 4-6 km/h (adjustable)
- Battery life: 4 hours
- Maximum permitted slope with a full load: 6%
- Maximum permitted slope with 100 kg load: 18%

Safety devices:

- Electronic brake
- Buzzer
- Anti-crushing guard
- Battery charge indicator
- Curtis control cart

#### TECHNICAL SPECIFICATIONS

- Overall dimensions: 1280x630x1100h mm
- Useful dimensions of loading platform with panels: 1150x570 mm
- Useful dimensions of loading platform without panels: 1260x620 mm
- Height of loading platform from floor: 320 mm
- Height of battery compartment from floor: 65 mm
- Weight with batteries: 140 kg

140 kg

C48M € 2.850,00 1 048000230

**Beta**  
**BRUTUS**

CE

400 kg



1100  
630  
1280



## C48P

### folding tool trolley

Main features:

- Loading platform made of reinforced polypropylene (PP), with non-slip coating and TPV inserts for corner protection
- Retractable handle for quick, compact storage
- Four non-marking castors, Ø 125 mm: 2 fixed and 2 steering with brakes
- Maximum capacity: 300 kg.
- Loading platform working width: 705 mm
- Loading platform depth: 480 mm
- Loading platform height: 200 mm



300 kg



11 kg

C48P € 268,00 1 048000030

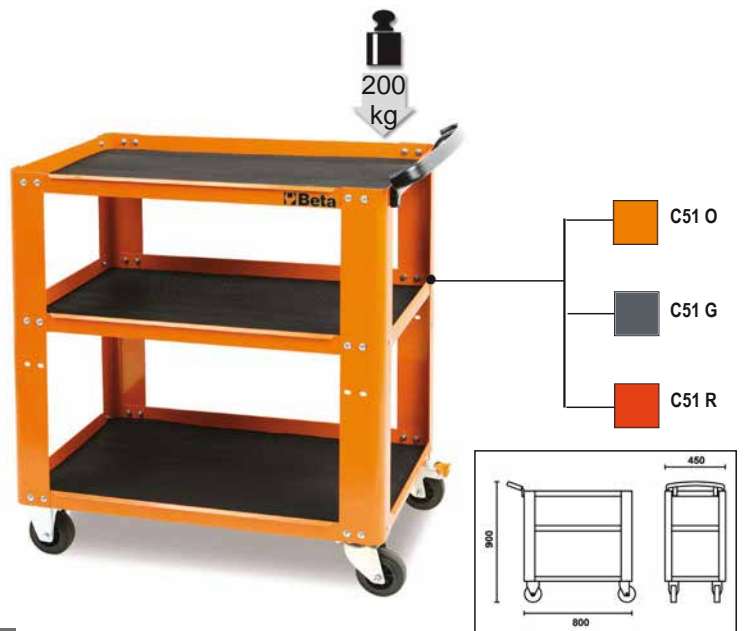
## C51

### trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm:  
2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between 3 shelves)

21 kg

		€		
C51 O	RAL 2011	298,00	1	051000001
C51 G	RAL 7016	298,00	1	051000002
C51 R	RAL 3000	298,00	1	051000003



## RSC51

### service tool trolley with 3 drawers

#### Main features:

- ABS reinforced worktop, solid and sturdy
- Multipurpose top with anti-fall edges and 8 holes for accommodating screwdrivers
- 3 drawers (588x367 mm) with ball bearing slides, 70 mm high
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized safety lock
- Convenient side screwdriver holder included
- Two built-in side spray can holders
- Large lower shelf protected by an anti-oil and anti-petrol rubber mat
- 4 castors, Ø 125 mm: 2 fixed castors and 2 swivel castors (one with brake)

- Static load capacity: 400 kg
- Capacity of each drawer: 15 kg, evenly distributed

#### Following accessories can be added:

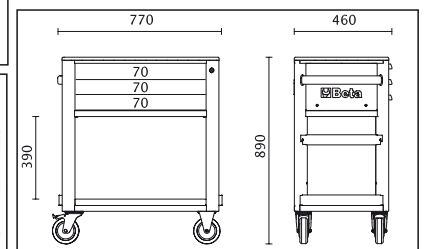
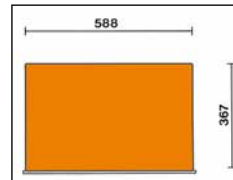
- Wood worktop 2400 RSC24/PL
- Perforated tool panel 2400 RSC24/PF
- PC support 2400 RSC24/SPC
- Folding shelf 2400 RSC24/MP
- Paper roll holder 2400 RSC24/PC-A

38 kg

		€		
RSC51-FO	RAL 2011	595,00	1	051000300
RSC51-R	RAL 3000	595,00	1	051000303
RSC51-A	RAL 7016	595,00	1	051000307



h	max
70 mm	15 kg



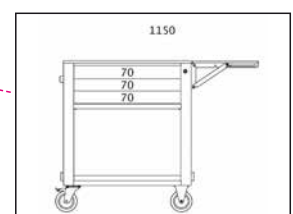
## 2400 RSC24/MP

### folding shelf for items RSC24 - RSC24A - RSC51

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

3,4 kg

		€		
2400 RSC24/MP		74,50	1	024004900

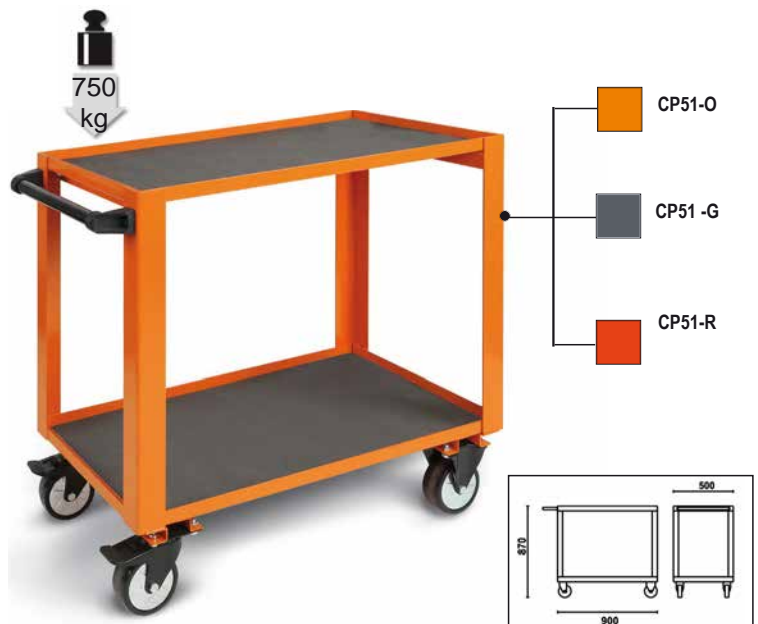


## CP51

high-grade trolley

- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:  
2 fixed and 2 steering with brake
- Static load capacity: 750 kg (shared by 2 tops)

📦 37 kg



		€	📦	🖨️
CP51 O	RAL 2011	394,00	1	051000501
CP51 G	RAL 7016	394,00	1	051000502
CP51 R	RAL 3000	394,00	1	051000503

## CB52

gearbox/transmission trolley  
with liquid recovery system

Inclined plane and drain holes  
allow liquids to be recovered in collection tank

### Fitted with:

- 4 swivel castors, including 2 with brakes
- Tool drawer
- Pull-out liquid collection tank; capacity: 7 l
- 2 shelves

### Features:

- Dimensions: 1200x640x870 mm
- Weight: 60 kg

📦 60 kg



		€	📦	🖨️
CB52		753,00	1	052000201

# Beta

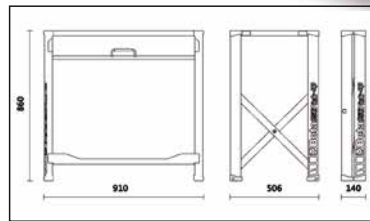


## C56P O

folding workbench

Compact and easy to carry.  
Worktop (800x500mm, 30 mm thick) made of MDF and galvanized sheet iron, for use on both sides.  
Handle with rubber cover, for easy transportation.  
Feet with nonslip cover.  
Static load capacity: 250 kg

15 kg



C56P O

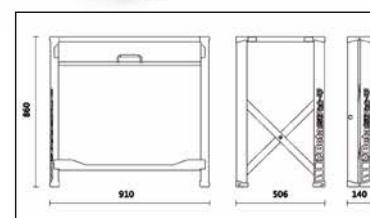
€ 436,00 1 056000011

## C56PL O

folding workbench, Light version

Lightweight, compact, easy to carry.  
Worktop (800x500mm) made galvanized sheet iron, for use on one side, protected by an anti-oil and anti-petrol rubber cover.  
Handle with rubber cover, for easy transportation.  
Feet with nonslip cover.  
Static load capacity: 200 kg

18,5 kg



C56PL O

€ 377,00 1 056000021

## C54S

### Cargo tool cabinets

These tool cabinets are designed according to detailed research and offer accurate, comfortable and rational solutions for end users.

Two perforated panels attached to the doors may be opened giving access to additional storage space.

#### Main features:

- 1 drawer, with slides.
- Easy tool layout according to users' needs.
- Easy wall mounting by means of two slots located at the back of the cabinet .
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories



C54S-G



C54S-R

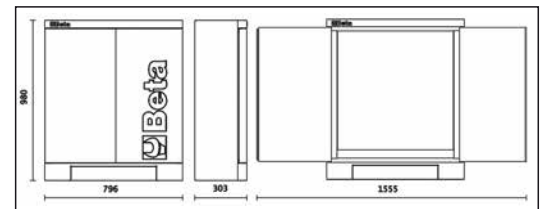


C54S-O

37 kg



519



		€	W	PC
C54S-O	RAL 2011	752,00	1	054000301
C54S-G	RAL 7016	752,00	1	054000302
C54S-R	RAL 3000	752,00	1	054000303

# Beta

## C57SA

### MasterCargo workbench

- Model with tool storage board (C57P) and one drawer cabinet.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57SA-O

205 kg



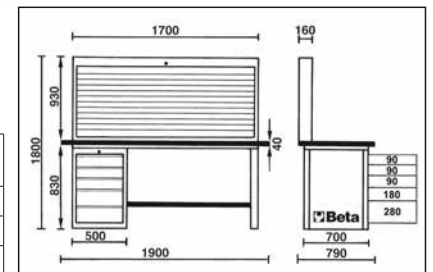
C57SA-G



C57SA-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



		€		
C57SA-O	RAL 2011	4.800,00	1	057001005
C57SA-G	RAL 7016	4.800,00	1	057001205
C57SA-R	RAL 3000	4.800,00	1	057001405

## C57SD

### MasterCargo workbench

- Model with one drawer cabinet

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57SD-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57SD-G



C57SD-R

158 kg

		€		
C57SD-O	RAL 2011	3.340,00	1	057001004
C57SD-G	RAL 7016	3.340,00	1	057001204
C57SD-R	RAL 3000	3.340,00	1	057001404



## C57SB

### MasterCargo workbench

- Model with tool storage board (C57P) and two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57S/B-O

243 kg



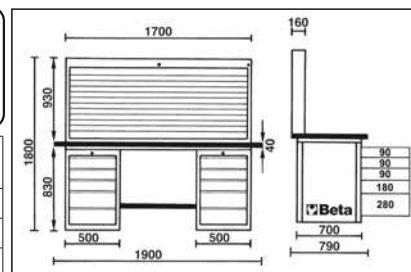
C57S/B-G



C57S/B-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



		€		
C57S/B-O	RAL 2011	5.960,00	1	057001006
C57S/B-G	RAL 7016	5.960,00	1	057001206
C57S/B-R	RAL 3000	5.960,00	1	057001406

## C57SC

### MasterCargo workbench

- Model with two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.



C57S/C-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/C-G



C57S/C-R

		€		
C57S/C-O	RAL 2011	4.500,00	1	057001003
C57S/C-G	RAL 7016	4.500,00	1	057001203
C57S/C-R	RAL 3000	4.500,00	1	057001403

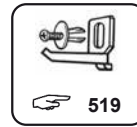
## C57SP

panel tool holder

Panel tool holder with two holes on back for wall mounting.  
Aluminium shutter, vertically adjustable, with lock.  
Three removable perforated panels for tool holding.

46 kg

		€		
C57SP-O	RAL 2011	1.460,00	1	057001020
C57SP-G	RAL 7016	1.460,00	1	057001220
C57SP-R	RAL 3000	1.460,00	1	057001420



C57SP G

C57SP R

## 5700LAMP

MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with 1120-Lumen LED strip, 4000K, 14W.
- Power supply 230V.
- Provided without wire.

9 kg

	€		
5700LAMP	343,00	1	057000005



## C58P

panel tool holder

- Security locked shutter made of painted aluminium.
- Two removable perforated panels for tool holding.

46,8 kg

		€		
C58P-O	RAL 2011	1.107,00	1	058000221
C58P-G	RAL 7016	1.107,00	1	058000222
C58P-R	RAL 3000	1.107,00	1	058000223



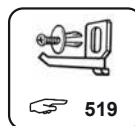
C58P-G



C58P-R



C58P-O



## PV

wall tool panel

	LxA mm	€		
PV1	1000x920 10,2	197,00	1	088880010
PV1,5	1500x920 14,2	261,00	1	088880015

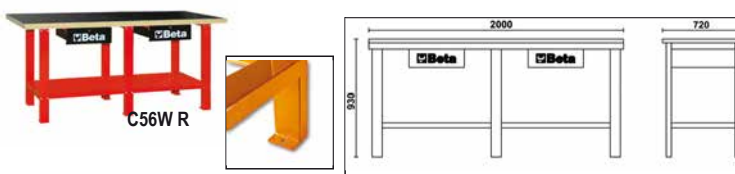


## C56W

workbench with wood top

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.

86 kg



		€		
C56W-O	RAL 2011	1.163,00	1	056000251
C56W-G	RAL 7016	1.163,00	1	056000252
C56W-R	RAL 3000	1.163,00	1	056000253

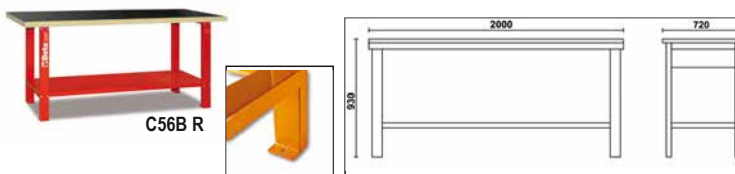
## C56B

workbench with wood top

Main features:

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 4 supporting legs.
- Static load capacity: 800 kg.
- Lower object shelf.
- Can be fixed to floor.

54,5 kg



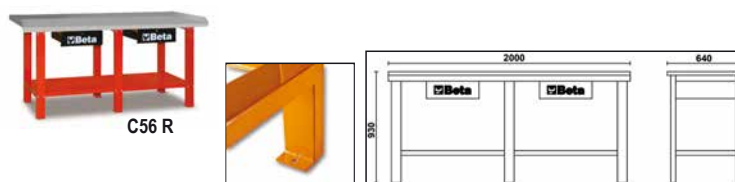
		€		
C56B-O	RAL 2011	725,00	1	056000401
C56B-G	RAL 7016	725,00	1	056000402
C56B-R	RAL 3000	725,00	1	056000403

## C56

workbench

- Worktop made of painted sheet metal with external edge
- Steel frame with 6 supporting legs
- Static load capacity: 1200 kg
- Matches panel toolholder C57P; cannot be fixed to worktop
- Two drawers with lock
- Can be fixed to floor

82 kg



		€		
C56-O	RAL 2011	979,00	1	056000201
C56-G	RAL 7016	979,00	1	056000202
C56-R	RAL 3000	979,00	1	056000203



## C56M

workbench

- Worktop made from both slip-proof aluminium sheet and rubber mat.
- Load capacity: kg.800.
- Can match panel toolholder C57P.
- Three drawers with lock.
- Can be fixed to the floor.



95 kg

		€		
C56M O	RAL 2011	1.415,00	1	056000050
C56M G	RAL 7016	1.415,00	1	056000053
C56M R	RAL 3000	1.415,00	1	056000054

## C58B

workbench with wood top

Main features:

- Multi-ply wood worktop with holes for a vice (1599F/125, to be ordered separately).
- Steel frame with 4 supporting legs.
- Static load capacity: 800 kg.
- Lower object shelf.
- Can be fixed to floor.

44 kg



		€		
C58B-O	RAL 2011	650,00	1	058000401
C58B-G	RAL 7016	650,00	1	058000402
C58B-R	RAL 3000	650,00	1	058000403

## C58M

workbench

- Metal worktop fully covered with a removable antislip rubber mat.
- Lower shelf made from solid wood.
- Static load capacity: 800 kg.
- Matches panel tool holder C58P; cannot be fixed to worktop.
- 2 drawers with locks.
- Can be fixed to floor.
- Aluminium worktop C58M/PA available on request.

65 kg



		€		
C58M-O	RAL 2011	909,00	1	058000300
C58M-G	RAL 7016	909,00	1	058000302
C58M-R	RAL 3000	909,00	1	058000303

## C58M/PA

knurled aluminium worktop  
for workbench item C58M

4,5 kg



C58M/PA

€ 360,00 1 058000350

## C59A

"Endurance" workbench with 1 cab with six drawers

Main features:

- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:  
4 drawers, 70 mm high  
1 drawer, 140 mm high  
1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Hard-wearing nylon drawer front.
- Roller cabs can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

115 kg



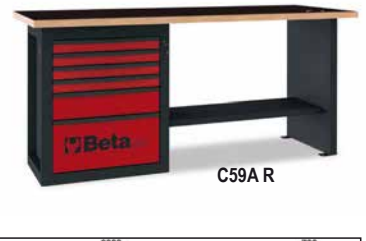
C59A O



C59A A

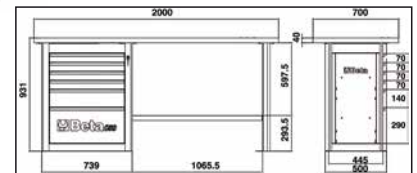


1500 kg



C59A R

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



		€		
C59A-O	RAL 2011	1.865,00	1	059000011
C59A-A	RAL 7016	1.865,00	1	059000031
C59A-R	RAL 3000	1.865,00	1	059000051

## C59B

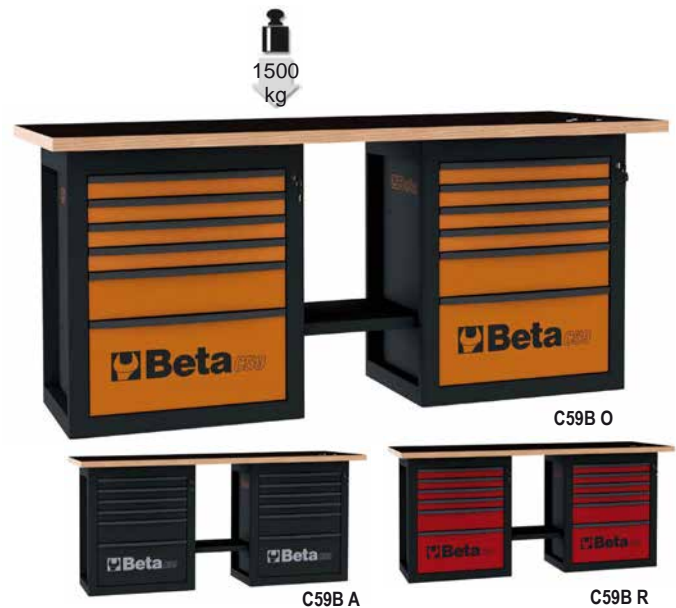
"Endurance" workbench with 2 cabs with six drawers

Main features:

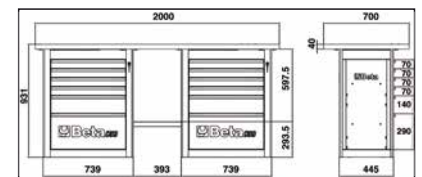
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 12 drawers (588x367 mm) with ball bearing slides:
  - 8 drawers, 70 mm high
  - 2 drawers, 140 mm high
  - 2 drawers, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

155 kg

		€	📦	🏠
C59B-O	RAL 2011	2.480,00	1	059000012
C59B-R	RAL 3000	2.480,00	1	059000052
C59B-A	RAL 7016	2.480,00	1	059000032



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



## C59C

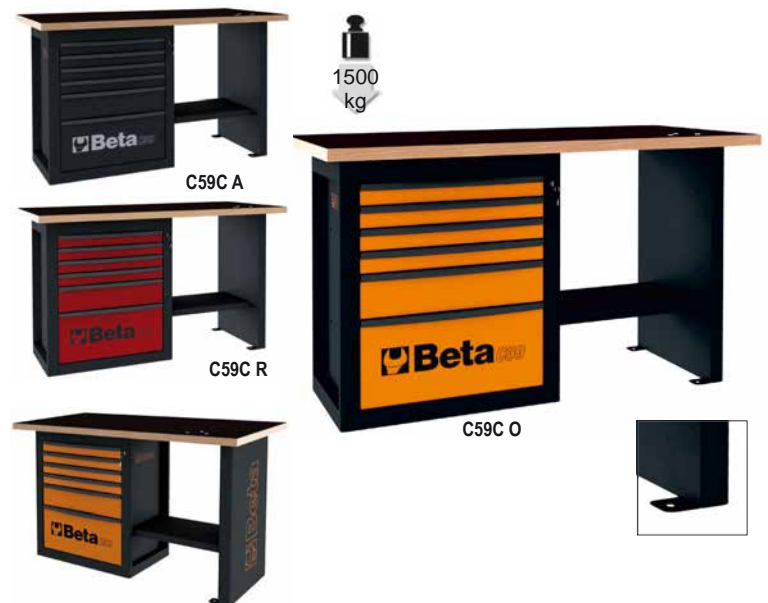
"Endurance" workbench with 1 cab with six drawers, short model

Main features:

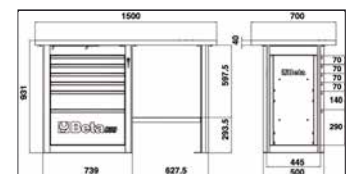
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
  - 4 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roller holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.

105 kg

		€	📦	🏠
C59C-O	RAL 2011	1.685,00	1	059000013
C59C-R	RAL 3000	1.685,00	1	059000053
C59C-A	RAL 7016	1.685,00	1	059000033



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



## 9562T2

workbench mat, 200x160 cm

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



	L cm	€	📦	🏠
9562T2	200	242,50	1	095620200





# WORKSHOP EQUIPMENT



To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed "Racing System C55", modular garage furniture shaped on your needs, while allowing you to create a modern work environment.

## Quality

Beta's best Italian-made quality to furnish your garage

## Organization

A sensibly organized workstation, synonymous with optimized work



## Modularity

Modular garage fitting your spaces and requirements

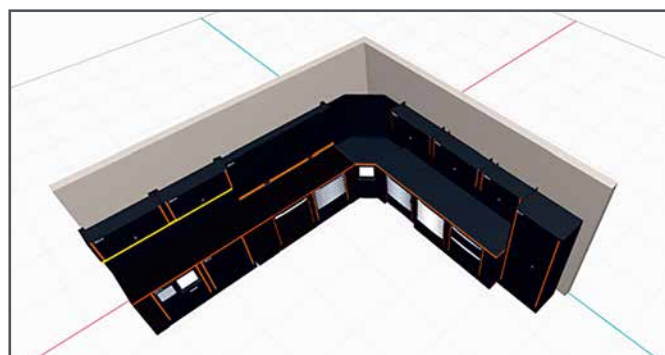
## Design

Refined, captivating finishes for a tidy, attractive workstation





**MADE IN ITALY**



Configure your workshop online  
Go to **[www.rsc55.com](http://www.rsc55.com)**



## Your colours for your workshop!

RSC55 allows you to order the benches and tool wall system with shutter in a neutral (grey) version and customize the vertical coloured inserts by choosing from 7 different adhesive tapes.

**1. Order the vertical insert in a neutral colour**

**2. Order the vertical insert**

Choose the colour to your taste or according to your company's colours



**C55**  
comprehensive workshop equipment combination RSC55



Comprehensive combination comprising:

- Single-door tool cabinet (C55A1)
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Workbench with sockets (C55PRO BO/2)
- Mobile roller cab with 7 drawers (C55C7)
- Fixed module with 2 storage drawers (C55M2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)
- Tool panel with shutter (C55PS-O)



## C55AB

workshop equipment combination

Combination comprising:

- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)

407 kg



C55AB

€ 9.210,00 1 055000020



## C55PB/3

workshop equipment combination

Combination comprising:

- Workbench (C55BO/2)
- Roller cab module with 8 drawers (C55C8)
- Fixed module with 2 storage drawers (C55M2)
- Wall tool system with shutter (C55PS-O)

334 kg



C55PB/3

€ 7.760,00 1 055000035



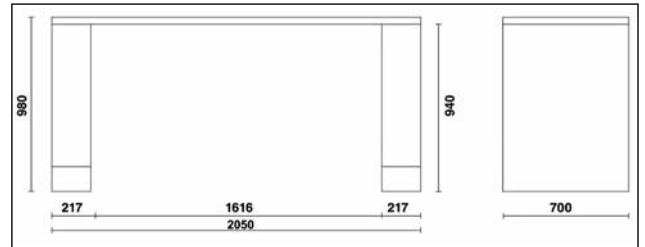
## C55B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

115 kg



	€		
C55BO/2	2.135,00	1	055000101
C55BG/2	2.135,00	1	055000111

## C55PRO B/2

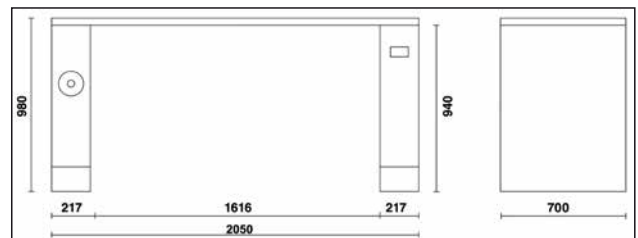
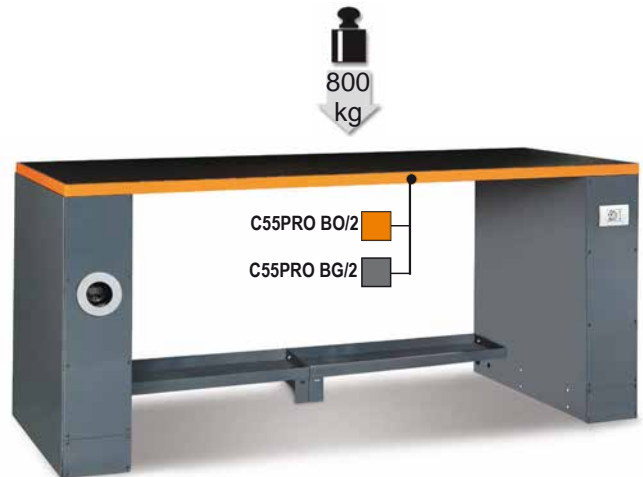
2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

110 kg



	€		
C55PRO BO/2	2.700,00	1	055000151
C55PRO BG/2	2.700,00	1	055000171

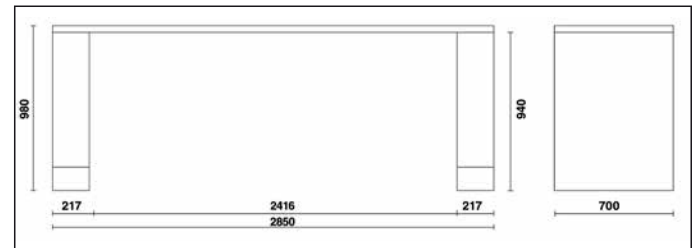
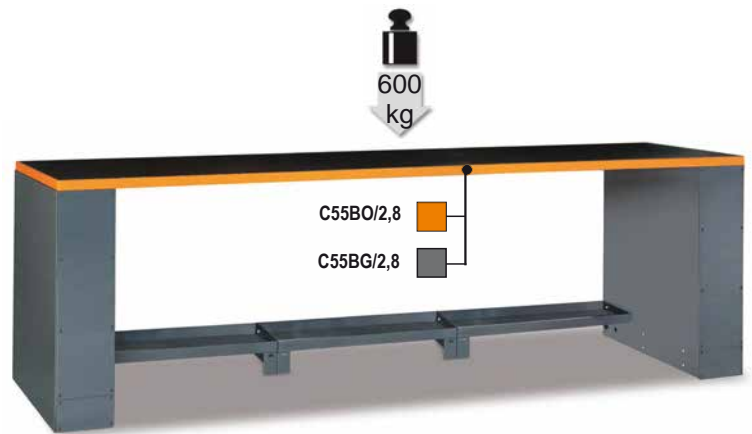
## C55B/2,8

2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

129 kg



	€		
C55BO/2,8	2.680,00	1	055000261
C55BG/2,8	2.680,00	1	055000281

## C55PRO B/2,8

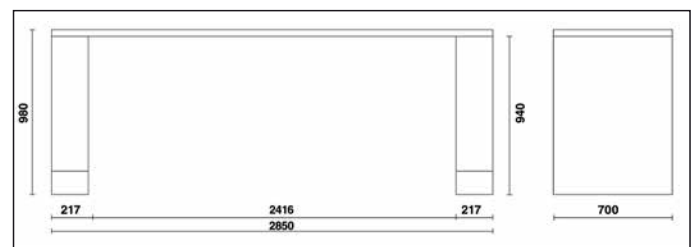
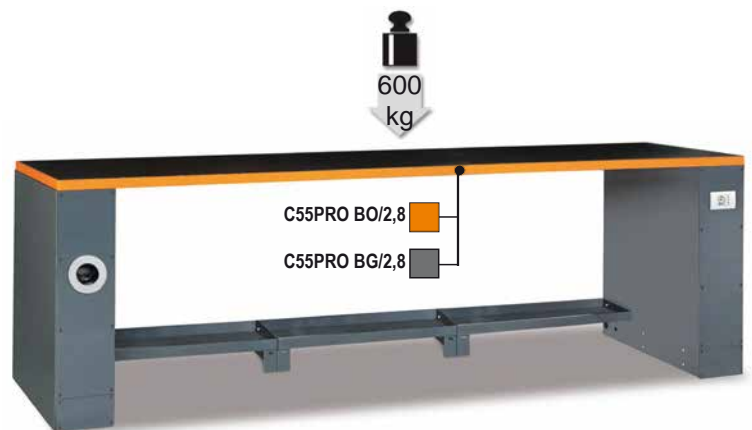
2.8-m-long workbench, for workshop equipment combination

With worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

134 kg



	€		
C55PRO BO/2,8	3.240,00	1	055000271
C55PRO BG/2,8	3.240,00	1	055000283



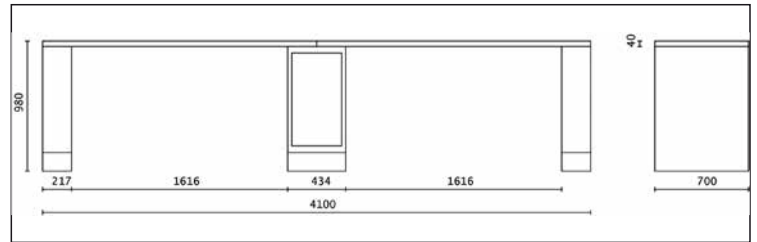
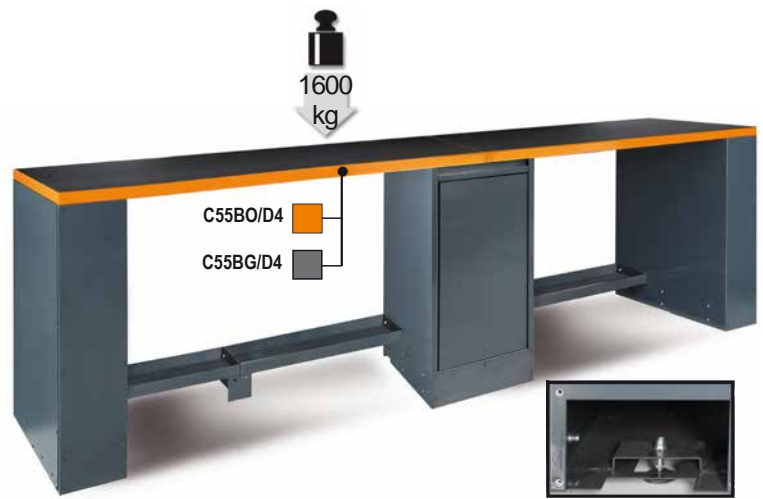
## C55B-D4

double 4-m-long workbench with central leg

Worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice 1599F/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x750 mm

185 kg



C55BO-D4	€ 4.350,00	1	055000109
C55BG-D4	€ 4.350,00	1	055000119

## C55PRO B-D4

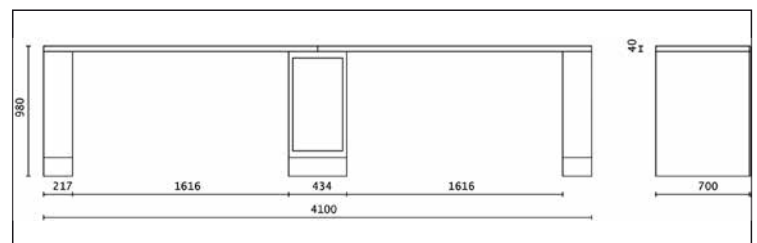
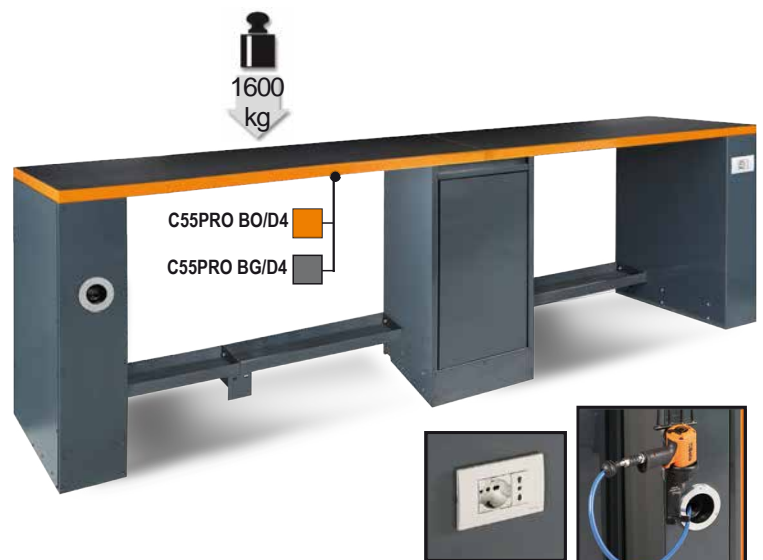
double 4-m long workbench with central leg

With worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and cable reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, cable length: 10 m.
- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet
- Double central leg with tool compartment and door, 365x750 mm

190 kg



C55PRO-BO-D4	€ 4.910,00	1	055000159
C55PRO-BG-D4	€ 4.910,00	1	055000179

# Beta

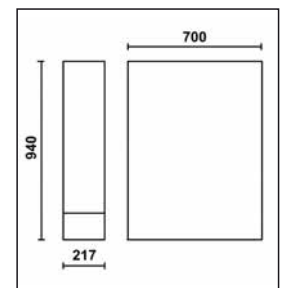
## C55B/G

universal leg for workshop equipment workbench

- With vertically adjustable feet

30 kg

C55B/G € 575,00 1 055000096



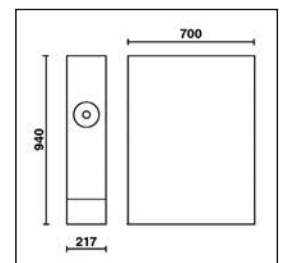
## C55B/GAA

universal leg for workbench with built-in hose reel

- Built-in automatic hose reel for compressed air or cold water, Ø 8 mm
- Hose length: 10 m
- With vertically adjustable feet
- Front and side access

35 kg

C55B/GAA € 1.004,00 1 055000099



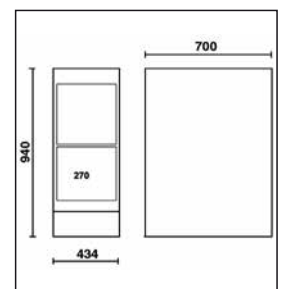
## C55B/GDP

double leg for adjoining workshop equipment workbenches

- Paper roll holder compartment
- Compartment with door
- With vertically adjustable feet

45 kg

C55B/GDP € 1.365,00 1 055000292



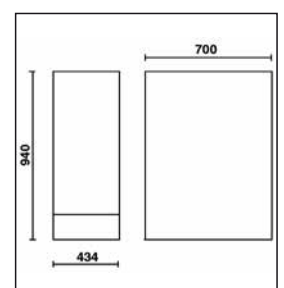
## C55B/GDS

double leg for adjoining workshop equipment workbenches

- Compartment with slide-away door, 365x750 mm
- With vertically adjustable feet

45 kg

C55B/GDS € 1.225,00 1 055000291



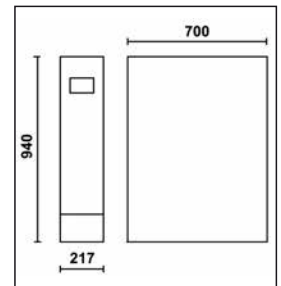
## C55B/GE

universal leg with power sockets for workshop equipment workbench

- Schuko socket+16+10A
- EU Plug +10A
- With vertically adjustable feet

30 kg

C55B/GE € 707,00 1 055000097



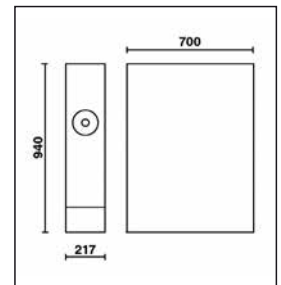
## C55B/GAE

universal leg with built-in electrical cable reel for workbench, for workshop equipment combination

- Built-in automatic cable reel with Schuko type socket.
- Cable length: 15 m
- With thermal protection switch
- With vertically adjustable feet
- Front and side access

35 kg

C55B/GAE € 1.081,00 1 055000094



# Beta



## C55/PL-1,024

1-m-long worktop for workbench extension

Painted sheet metal worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

21 kg

C55/PLO-1,024	€ 474,00	1	055000130
C55/PLG-1,024	€ 474,00	1	055000131



## C55B PT/2

2-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons  
Holes for a vice (1599P/150, to be ordered separately)

43 kg

C55B PT/2	€ 987,00	1	055000106
C55BG PT/2	€ 987,00	1	055000116



## C55B PT/2,8

2.8-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons  
Holes for a vice (1599P/150, to be ordered separately)

61 kg

C55BO PT/2,8	€ 1.530,00	1	055000266
C55BG PT/2,8	€ 1.530,00	1	055000286



## C55RB

shockproof, non-scratch PVC coat, resistant to hydrocarbons

For protecting worktop.

C55RB/2: for 2-m-long worktop

C55RB/2.8: for 2.8-m-long worktop

C55RB/0.7: for 700x700mm worktop

C55RB/1: for 1-m-long worktop



C55RB/2	€ 167,00	1	055000195
C55RB/2,8	€ 227,00	1	055000196
C55RB/0,7	€ 93,00	1	055000199
C55RB/1	€ 126,50	1	055000198

## C55B/VS

lower workbench bracket, 0.8 m long

Dimensions: 800x230x60 mm

4 kg

C55B/VS	€ 126,50	1	055000095
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## C55C7

mobile roller cab with seven drawers, for workshop equipment combination

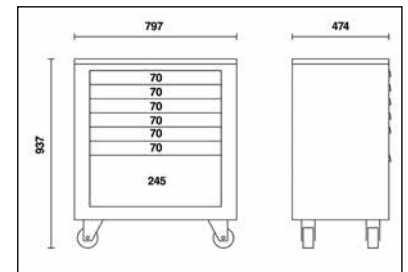
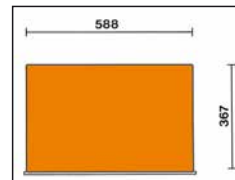
- 7 drawers (588x367 mm), with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

79 kg

1000 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55C7

€ 1.980,00 1 055000201

 **Beta**

## C55C8

roller cab module with eight drawers, for workshop equipment combination

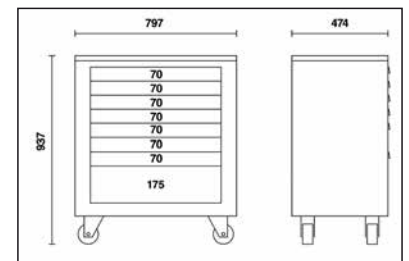
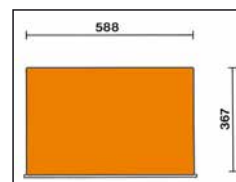
8 drawers(588x367 mm) with ball bearing slides

- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

81 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55C8

€ 2.010,00 1 055000206

## C55M2

fixed module with 2 drawers, for workshop equipment combination

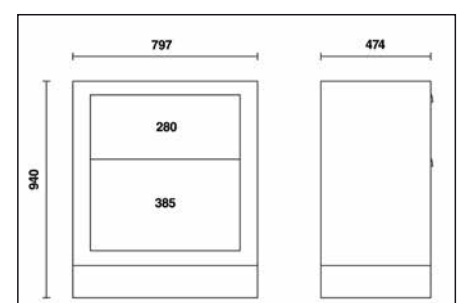
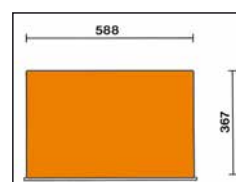
2 drawers (588x367mm) with ball bearing slides

- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

66 kg



h	max
280 mm	40 kg
385 mm	40 kg



C55M2

€ 1.680,00 1 055000202

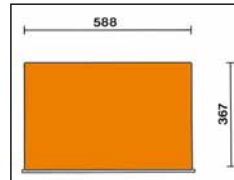


## C55M4

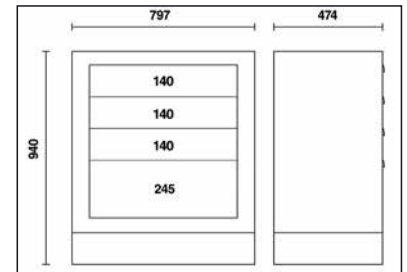
fixed module with 4 drawers, for workshop equipment combination

- 4 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

75 kg



h	max
140 mm	30 kg
245 mm	40 kg



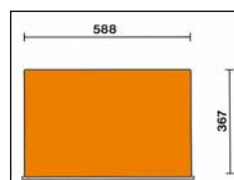
C55M4 € 1.765,00 1 055000212

## C55M7

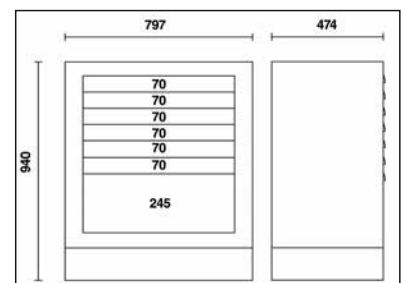
fixed module with seven drawers, for workshop equipment combination

- 7 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

78 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55M7 € 1.870,00 1 055000203

## C55M8

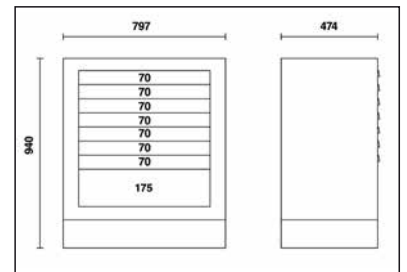
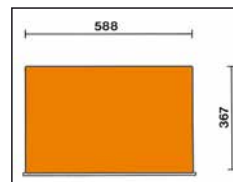
fixed module with 8 drawers for workshop equipment combination

- 8 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

78,9 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55M8

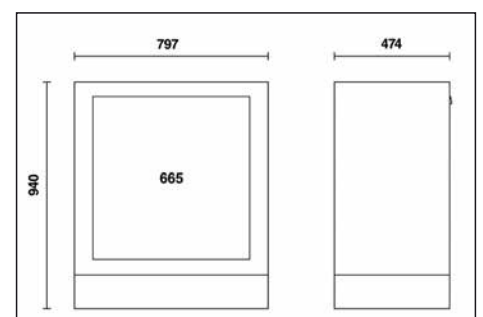
€ 1.910,00 1 055000207

## C55CS

fixed sorted waste collection module for workshop equipment combination

- Pull-out waste compartment (588x465) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste

62 kg



C55CS

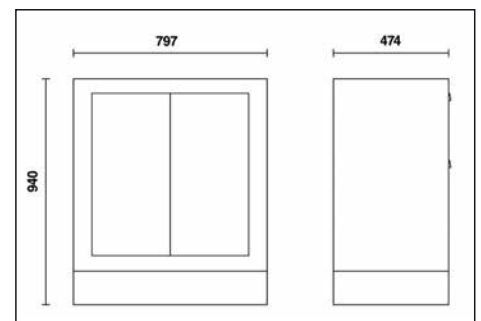
€ 1.705,00 1 055000208

## C55MA

fixed two-door module, for workshop equipment combination

- Push Pull opening
- With lock
- Interior shelf, vertically adjustable

75 kg



C55MA

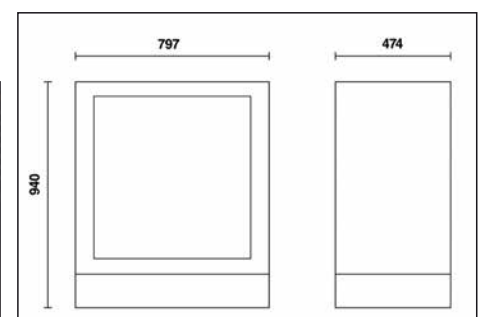
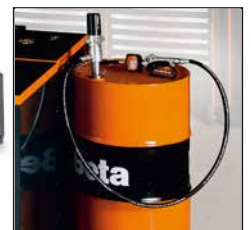
€ 1.450,00 1 055000205

## C55MDO

fixed oil distribution module  
for workshop equipment combination

- 2 reels with 7m - 1/2" hose included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
- max. flow rate: 35 l/min
- viscosity: 8÷5000 mPas

94 kg



C55MDO

€ 3.570,00 1 055000210

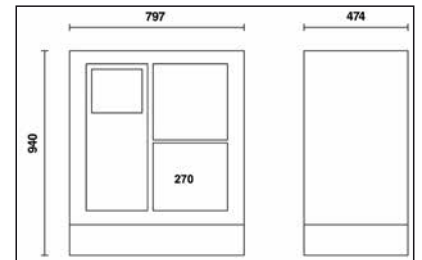


## C55MS

fixed service module, for workshop equipment combination

- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg



C55MS

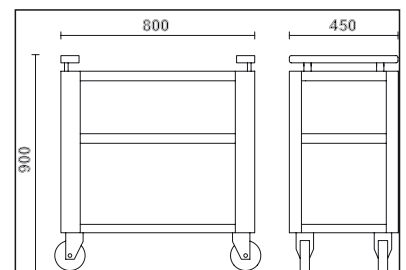
€ 1.535,00 1 055000204

## C55T3

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed between 3 shelves)

21 kg



C55T3

€ 287,00 1 055000219

## C55P/MCD

double central intermediate uprights

10 kg

C55P/MCD € 146,00 1 055000257



## C55P/2MDX-SX

right/left wall uprights, pair

10 kg

C55P/2MDX-SX € 267,00 1 055000253



C55P/2MDX-SX



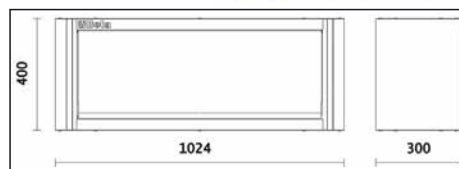
## C55PM

suspended cabinet for workshop equipment combination, 1 m long

• Dimensions: 1024x400x300 mm; fitted with gas springs, making it easier to open and close door

24 kg

C55PM € 974,00 1 055000302



## C55PFA-1,0

self-supporting perforated panel, 1 m long, for workshop equipment combination

Perforated steel tool panel (1024x1020x25 mm)

11 kg

C55PFA-1,0 € 327,00 1 055000316



## C55/PF

perforated under-cabinet panel for workshop equipment combination, 1 m long

• Perforated tool panel (1024x600 mm)

6 kg

C55/PF € 225,00 1 055000307



## C55PT1,0X0,6

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

8 kg

C55PT1,0X0,6

€ 179,50 1 055000314



## C55PTE-1,0

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

Accommodates 2 power sockets (not included)

8 kg

C55PTE-1,0

€ 213,50 1 055000319



## C55/2PM

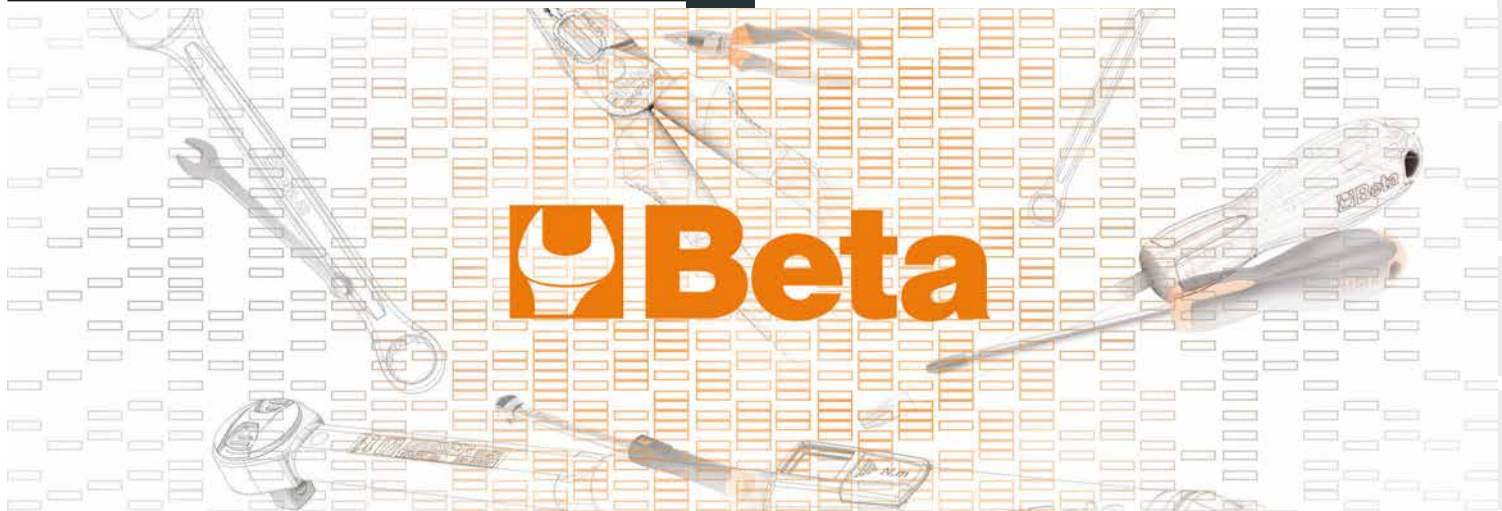
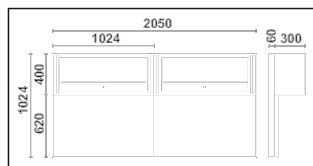
tool wall system with 2 suspended cabinets, for workshop equipment combination

- 2 suspended cabinets, 1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.
- Wall panel, 2050x620 mm; can accommodate perforated tool panels C55/PF (to be ordered separately)
- Supplied with framework
- Matches 2-m-long workbench

80 kg

C55/2PM

€ 2.720,00 1 055000301





### C55PFA-0,8

self-supporting perforated panel, 0.8 m long, for workshop equipment combination

Perforated steel tool panel (800x1020x25 mm)

10 kg

C55PFA-0,8 € 301,00 1 055000315



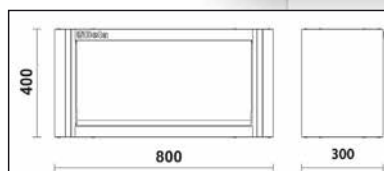
### C55PM/M0,8

suspended cupboard, 0.8 m long, for workshop equipment combination

Dimensions: 800x400x300 mm; fitted with gas springs making it easier to open and close door

19 kg

C55PM/M0,8 € 935,00 1 055000312



### C55PTE-0,8

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm  
Accommodates 1 power socket (not included)

6 kg

C55PTE-0,8 € 193,00 1 055000318



### C55PT0,8X0,6

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm

7,8 kg

C55PT0,8X0,6 € 167,00 1 055000313



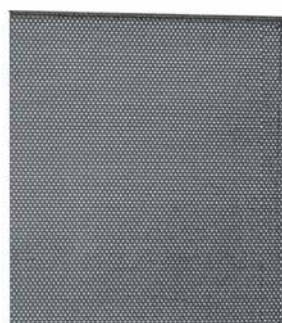
### C55/1PF

perforated tool panel, for workshop equipment combination

• Perforated tool panel (800x600 mm)

5 kg

C55/1PF € 150,00 1 055000309



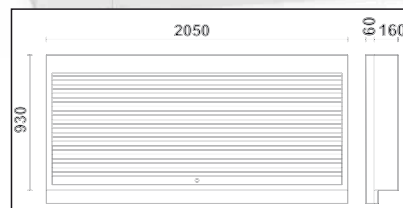
## C55PS

tool wall system with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- Matches 2-m-long workbench

88 kg

C55PS-O	€ 1.930,00	1	055000250
C55PS-G	€ 1.930,00	1	055000255



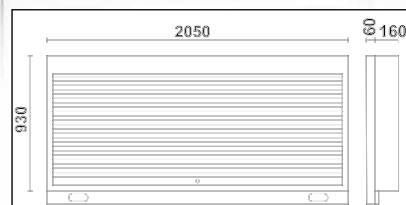
## C55PSE

tool wall system with shutter  
accommodating 2 power sockets

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- Accommodates power sockets
- Matches 2-m-long workbench

88 kg

C55PSE-O	€ 1.950,00	1	055000258
C55PSE-G	€ 1.950,00	1	055000260



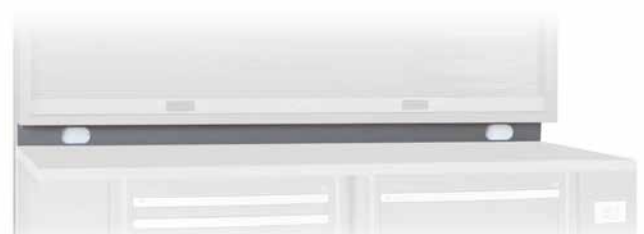
## C55AE

profile, 2 m long, accommodating power sockets

Dimensions: 2050x25x90mm  
Accommodates 2 power sockets

1,5 kg

C55AE	€ 179,50	1	055000325
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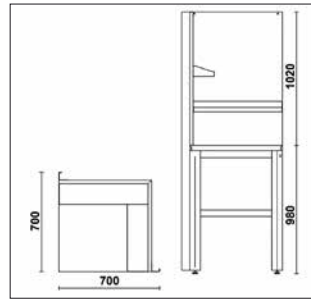


## C55AC

self-supporting complete corner

Worktop (700x700 mm) with legs  
2 upper tool wall systems complete with 2 fixing shelves (665x150 mm)

66 kg



C55AC O

C55AC G

C55AC O	€ 2.230,00	1	055000360
C55AC G	€ 2.230,00	1	055000380

## C55KAI

corner worktop for workshop equipment combination

• Painted sheet metal worktop (700x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

32 kg



C55KAI O

C55KAI G

C55KAI O	€ 1.280,00	1	055000365
C55KAI G	€ 1.280,00	1	055000385

## C55KAS

upper corner with tool wall systems

• Perforated tool wall systems (700x1020x25 mm)  
• 2 fixing shelves (665x150 mm)

24 kg



C55KAS	€ 947,00	1	055000370
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## C55MP

steel corner wall shelves

Dimensions: 700x160x80 mm



C55MP	€ 133,50	1	055000374
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## C55B/1

workbench, 1 m long, for workshop equipment combination, with fixed module C55M7

Worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

• Universal leg with vertically adjustable feet

1 fixed module:

7 drawers (588x367 mm) with ball bearing slides

• Aluminium opening system throughout length of drawer

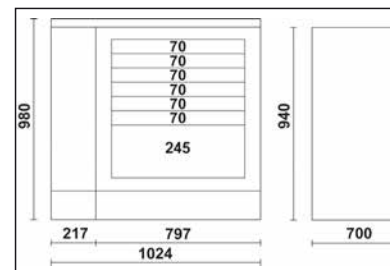
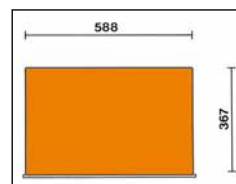
• Drawer bases protected by foamed rubber mats

• Front centralized lock

127 kg



h	max
70 mm	30 kg
245 mm	40 kg



	€		
C55BO/1	2.920,00	1	055000090
C55BG/1	2.920,00	1	055000091

## C55C

Cargo cabinets, RSC55 system

Developed on the basis of accurate research conducted with trained, professional users, they provide ideal solutions for working comfortably and rationally.

The opening system of the perforated panels of the two doors also allows the interior surface to be made the most of.

Main features:

• 1 drawer with ball bearing slides.

• Easy tool layout according to users' needs.

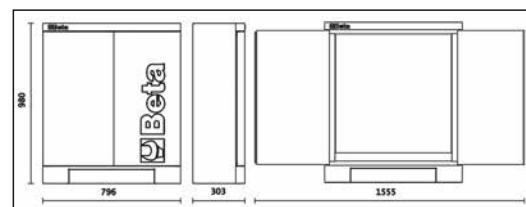
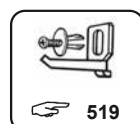
• Easy wall mounting by means of two slots located at the back of the cabinet.

• Safety lock for both drawers and doors.

• Empty thermoformed tray for 1/2" sockets and accessories.



37 kg



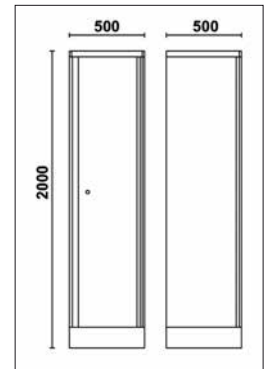
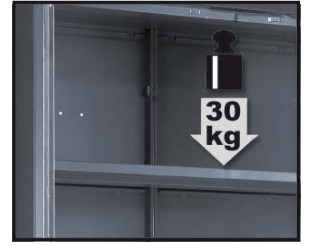
	€		
C55C	824,00	1	055000400

## C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x42x42 cm

50 kg



C55A1

€ 707,00 1 055000411

## C55A1/R42

interior shelf for tool cabinet C55A1/C55AT1

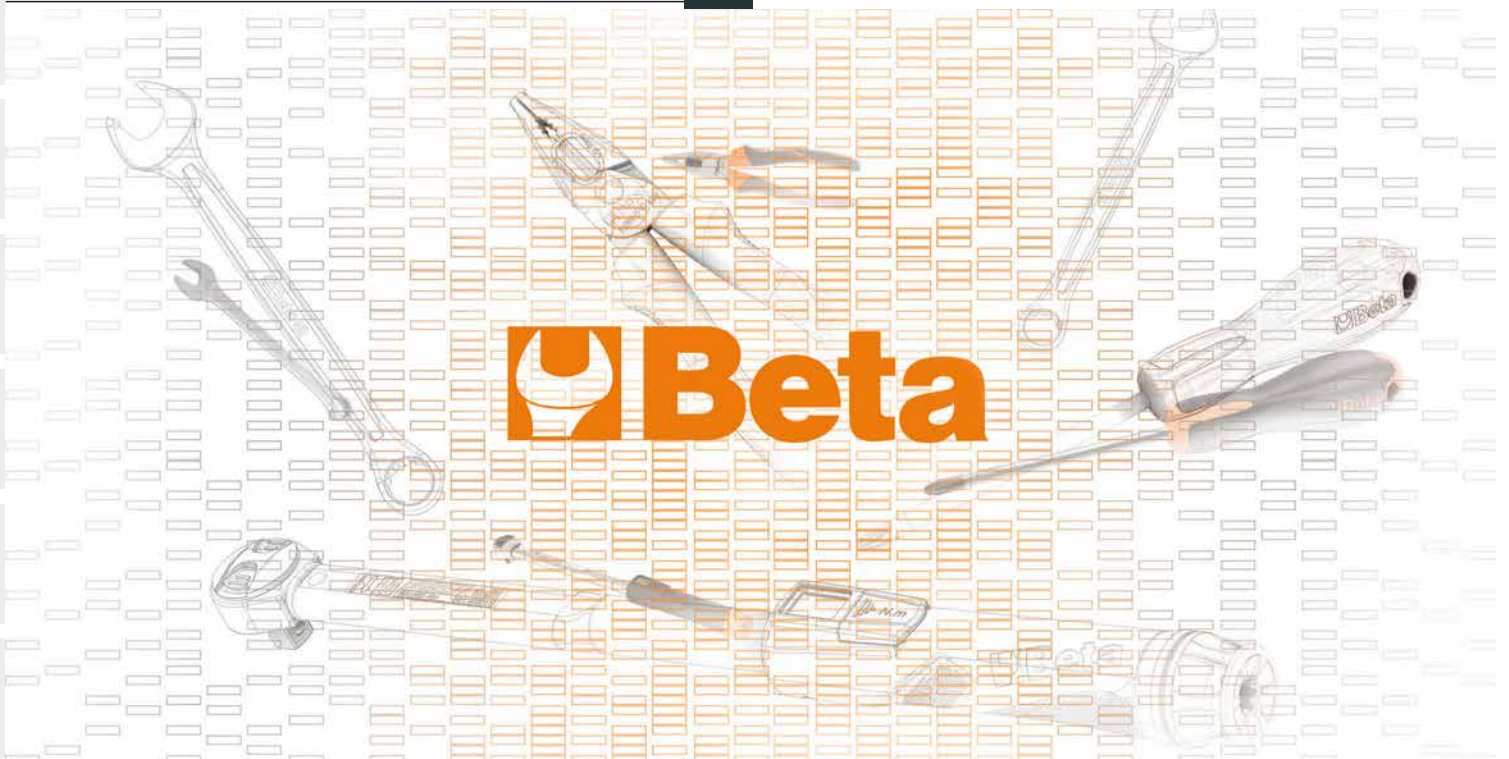
2,4 kg



C55A1/R42

420x420 mm

€ 31,00 1 055000461

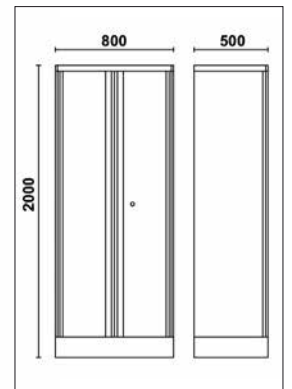
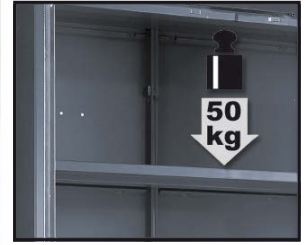


## C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x70x42 cm

72 kg



C55A2

€ 947,00 1 055000412

## C55A2/R70

interior shelf for tool cabinet C55A2/C55AT2

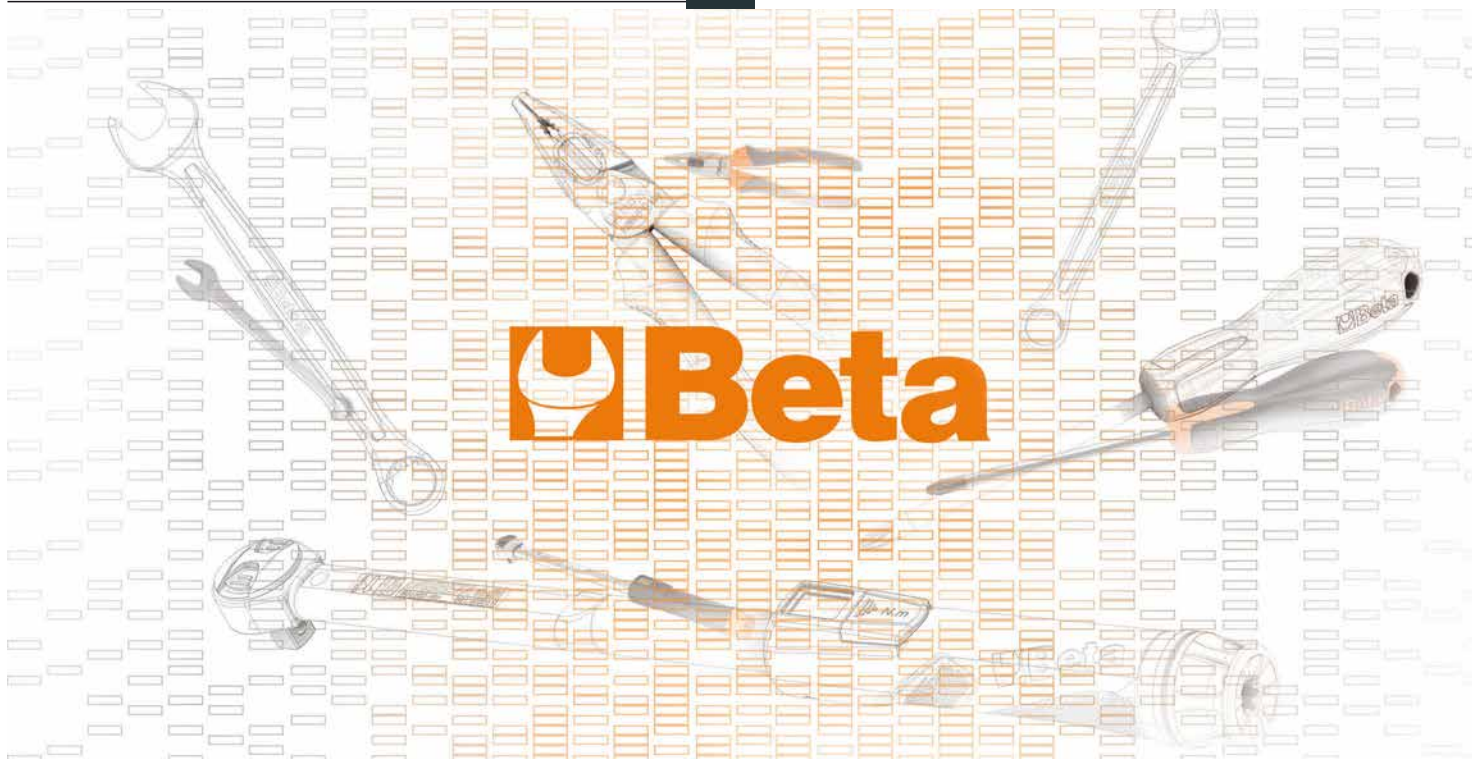
3,5 kg



C55A2/R70

700x420 mm

€ 49,50 1 055000462



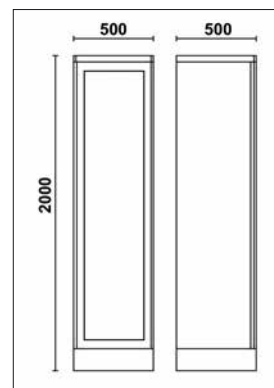


## C55AT1

sheet metal tool cabinet with clear polycarbonate door, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1770x420x420 mm

41 kg



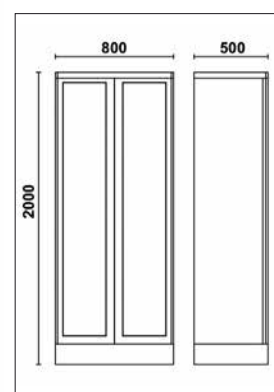
C55AT1 € 844,00 1 055000421

## C55AT2

sheet metal tool cabinet with two clear polycarbonate doors, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1770x700x420 mm

56 kg



C55AT2 € 1.145,00 1 055000422

## C55STR

adhesive tape 25 m

allows to tailor the vertical tapes of garage furniture item C55



RAL2011  
RAL3000  
RAL6029  
RAL9016  
RAL1023  
RAL5015  
RAL1035  
RAL9006

	€	1	055000901
C55STR-O/2011	72,00	1	055000901
C55STR-R/3000	72,00	1	055000903
C55STR-V/6029	72,00	1	055000906
C55STR-W/9016	72,00	1	055000907
C55STR-Y/1023	72,00	1	055000905
C55STR-B/5015	72,00	1	055000904
C55STR-GO/1035	72,00	1	055000909
C55STR-S/9006	72,00	1	055000902



# PROFESSIONAL STURDY

**NEW  
DESIGN**

**C45PRO** is the professional workshop equipment that helps you make the most of your working space. Based on the new 2021 design and the technic improvements developed for the frame, it boasts an excellent quality/price ratio.

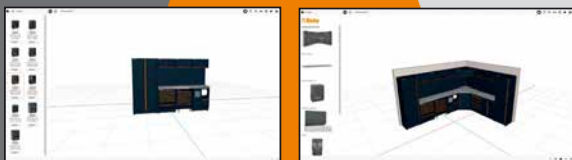
The **modular workshop equipment**, C45PRO, allows you to create your work environment according to both the amount of space you have available and your usage requirements. This simple, flexible range based on predetermined combinations, can be expanded or changed in time. Alternatively, you can customize your workstation, starting with the worktops – available in stainless steel coated MDF or multi-ply wood – and supplementing them with the numerous accessories you can choose from.

**Tailor your work environment to suit your needs.  
Make your workshop or garage look different.  
Choose from the preassembled solutions or create your workstation from scratch.**



**THE WORKSHOP EQUIPMENT,  
C45, HAS CHANGED  
ITS APPEARANCE AND PUT  
ON THE BETA COLOURS!**

Configure your workshop online



go to [www.beta-tools.com](http://www.beta-tools.com)

### C45PRO X

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Mobile roller cab with 7 drawers (C45PRO C7)
- Two-door tool cabinet (C45PRO AS2)
- 3 perforated tool panels (C45PRO PF)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

305 kg



C45PRO X

€ 4.990,00 1 045000001



## C45PRO W

workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Mobile roller cab with 7 drawers (C45PRO C7)
- Two-door tool cabinet (C45PRO AS2)
- 3 perforated tool panels (C45PRO PF)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

303 kg

C45PRO W € 4.860,00 1 045000002



## C45PRO AX

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Fixed two-door module (C45PRO MA)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

206 kg

C45PRO AX € 3.470,00 1 045000003



## C45PRO AW

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/3-2.0MT)
- Fixed module with 2 drawers (C45PRO MA)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- 3 wall-mounted cabinets (C45PRO PM)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 wall brackets, wide type (C45PRO SL)

204 kg

C45PRO AW € 3.340,00 1 045000004





## C45PRO BX

workshop equipment combination C45PRO

Combination comprising:

- Stainless steel coated MDF worktop (C45PX/2-1.3MT)
- Fixed module with 5 drawers (C45PRO M5)
- Fixed two-door module (C45PRO MA)
- Single-door tool cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

191 kg

C45PRO BX

€ 3.130,00 1 045000021



## C45PRO BW

workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 5 drawers (C45PRO M5)
- Fixed two-door module (C45PRO MA)
- Single-door tool cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

190 kg

C45PRO BW

€ 3.000,00 1 045000022



## C45PRO DX

workshop equipment combination C45PRO

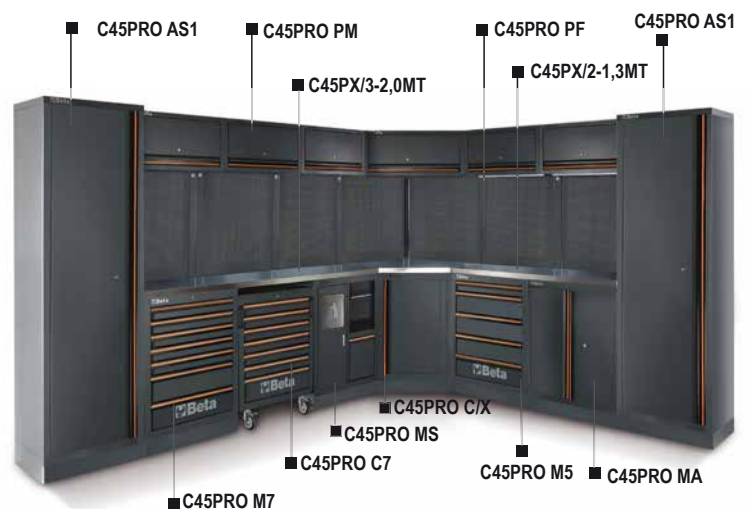
Combination comprising:

- 1 stainless steel coated MDF worktop (C45PX/3-2,0MT)
- 1 stainless steel coated MDF worktop (C45PX/2-1,3MT)
- 1 fixed module with 7 drawers (C45PRO M7)
- 1 mobile roller cab with 7 drawers (C45PRO C7)
- 1 fixed service module (C45PRO MS)
- 1 fixed module with 5 drawers (C45PRO M5)
- 1 two-door fixed module (C45PRO MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO CORNER/X)
- 5 perforated tool panels (C45PRO PF)
- 5 wall-mounted cabinets (C45PRO PM)
- 7 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 single-door cabinets (C45PRO AS1)

572,3 kg

C45PRO DX

€ 9.880,00 1 045000031



## C45PRO DW

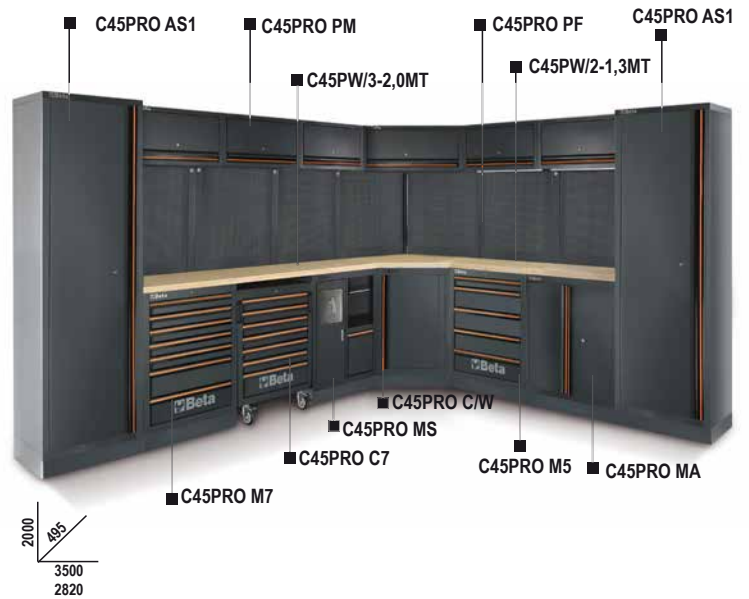
workshop equipment combination C45PRO

Combination comprising:

- 1 multi-ply wood worktop (C45PW/3-2,0MT)
- 1 multi-ply wood worktop (C45PW/2-1,3MT)
- 1 fixed module with 7 drawers (C45PRO M7)
- 1 mobile roller cab with 7 drawers (C45PRO C7)
- 1 fixed service module (C45PRO MS)
- 1 fixed module with 5 drawers (C45PRO M5)
- 1 fixed two-door module (C45PRO MA)
- 1 self-supporting complete corner with wood worktop (C45PRO CORNER/W)
- 5 perforated tool panels (C45PRO PF)
- 5 wall-mounted cupboards (C45PRO PM)
- 7 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)
- 2 single-door cabinets (C45PRO AS1)

568,5 kg

C45PRO DW € 9.550,00 1 045000032



## C45PRO EX

workshop equipment combination C45PRO

Combination comprising:

- 2 perforated tool panels (C45PRO PF)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)
- 1 single-door cabinet (C45PRO AS1)
- Fixed module with 7 drawers and stainless steel coated MDF worktop (C45PRO M7A/X):
  - 1 drawer, 1248x406 mm
  - 6 drawers, 782x406 mm
  - 5 drawers, 65 mm high
  - 1 drawer, 145 mm high
- 1 storage compartment with intermediate shelf and door

174,6 kg

C45PRO EX € 3.320,00 1 045000033



## C45PRO EW

workshop equipment combination C45PRO

Combination comprising:

- 2 perforated tool panels (C45PRO PF)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)
- 1 single-door tool cabinet (C45PRO AS1)
- Fixed module with 7 drawers and multi-ply wood worktop (C45PRO M7A/W):
  - 1 drawer, 1248x406 mm
  - 6 drawers, 782x406 mm
  - 5 drawers, 65 mm high
  - 1 drawer, 145 mm high
- 1 storage compartment with intermediate shelf and door

173,6 kg

C45PRO EW € 3.210,00 1 045000034



## C45PRO CX

workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Single-door cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

199 kg

C45PRO CX

€ 3.350,00 1 045000023



## C45PRO CW

workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed service module (C45PRO MS)
- Single-door cabinet (C45PRO AS1)
- 2 wall-mounted cabinets (C45PRO PM)
- 2 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 1 wall bracket, narrow type (C45PRO SS)

198 kg

C45PRO CW

€ 3.220,00 1 045000024



## C45PRO BPX-1,3

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 2 perforated tool panels (C45PRO PF)
- 1 wall bracket, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

140 kg

C45PRO BPX-1,3

€ 2.245,00 1 045000041





## C45PRO BPW-1,3

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/2-1.3MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 2 perforated tool panels (C45PRO PF)
- 1 wall bracket, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

139 kg

C45PRO BPW-1,3

€ 2.120,00 1 045000051



## C45PRO BPX-2,0

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Worktop made of stainless steel coated MDF (C45PX/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

158 kg

C45PRO BPX-2,0

€ 2.530,00 1 045000042



## C45PRO BPW-2,0

workbenches for workshop equipment combination C45PRO

Combination comprising:

- Multi-ply wood worktop (C45PW/3-2.0MT)
- Fixed module with 7 drawers (C45PRO M7)
- Fixed module with 5 drawers (C45PRO M5)
- 3 perforated tool panels (C45PRO PF)
- 2 wall brackets, wide type (C45PRO SL)
- 2 wall brackets, narrow type (C45PRO SS)

156 kg

C45PRO BPW-2,0

€ 2.400,00 1 045000052



## C45PRO M7A/X

fixed module with 7 drawers, for workshop equipment combination  
C45PRO

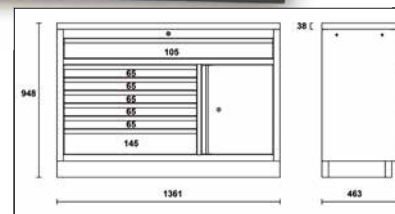
- Stainless steel coated MDF worktop, 1360 mm long
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers, 65 mm high
  - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm

81 kg

C45PRO M7A/X € 1.675,00 1 045000161



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



## C45PRO M7A/W

fixed module with 7 drawers, for workshop equipment combination  
C45PRO

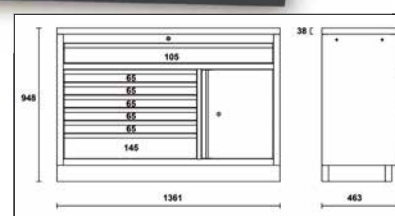
- Multi-ply wood worktop, 1360 mm long
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers, 65 mm high
  - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm

80 kg

C45PRO M7A/W € 1.565,00 1 045000171



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



## C45PRO MWS/X

Work Station roller cab with 7 drawers and built-in waste bin

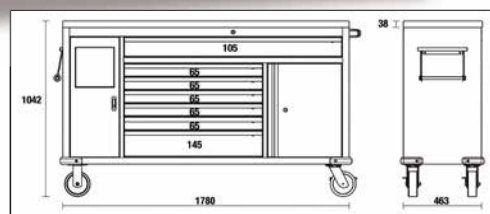
- Worktop (1680 mm) made of stainless steel coated MDF
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers, 65 mm high
  - 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Storage compartment with intermediate shelf and door, interior dimensions 504x424x597mm
- Built-in waste bin
- Built-in paper roll support
- 4 heavy-duty swivel castors, Ø 150 mm (1 with brake)
- Front centralized lock

126 kg

C45PRO MWS/X € 1.775,00 1 045000181



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



## C45PRO MWS/W

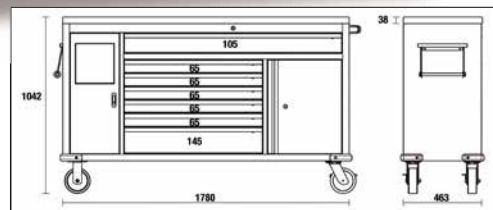
Work Station roller cab with 7 drawers and built-in waste bin

- Multi-ply wood worktop (1680 mm)
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
- 5 drawers, 65 mm high
- 1 drawer, 145 mm high
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Storage compartment with intermediate shelf and door, interior dimensions 504x424x597mm
- Built-in waste bin
- Built-in paper roll support
- 4 heavy-duty swivel castors, Ø 150 mm (1 with brake)
- Front centralized lock

122 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO MWS/W

€ 1.730,00 1 045000191

## C45PX/1-0,7MT

worktop made of stainless steel coated MDF, 680x463 mm, for workbenches for workshop equipment combination C45PRO

- Thickness: 38 mm

6 kg



C45PX/1-0,7MT

€ 215,50 1 045000101

## C45PW/1-0,7MT

multi-ply wood worktop, 680x463 mm, for workbenches for workshop equipment combination C45PRO

- Thickness: 38 mm

6 kg



C45PW/1-0,7MT

€ 127,00 1 045000111

## C45PX/2-1,3MT

worktop made of stainless steel coated MDF, 1360x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

21 kg



C45PX/2-1,3MT

€ 344,00 1 045000103

## C45PW/2-1,3MT

multi-ply wood worktop, 1360x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

20 kg



C45PW/2-1,3MT

€ 219,50 1 045000113



### C45PX/3-2,0MT

worktop made of stainless steel coated MDF, 2040x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

31,8 kg

C45PX/3-2,0MT € 461,00 1 045000110



### C45PW/3-2,0MT

multi-ply wood worktop, 2040x463 mm, for workbench, for workshop equipment combination C45PRO

- Thickness: 38 mm

30 kg

C45PW/3-2,0MT € 329,00 1 045000120



### C45PRO C5

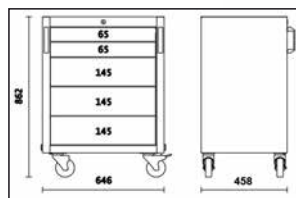
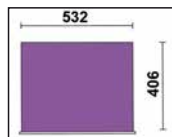
mobile roller cab with 5 drawers, for workshop equipment combination C45PRO

- 5 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (1 with brake)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

46 kg

C45PRO C5 € 804,00 1 045000225

h	max
65 mm	25 kg
145 mm	30 kg



### C45PRO C7

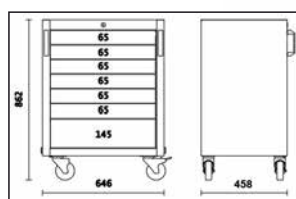
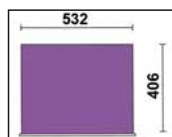
mobile roller cab with 7 drawers, for workshop equipment combination C45PRO

- 7 drawers (532x406 mm) with ball bearing slides
- 4 steering wheels, Ø 100 mm (2 with brake)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

50 kg

C45PRO C7 € 842,00 1 045000227

h	max
65 mm	25 kg
145 mm	30 kg



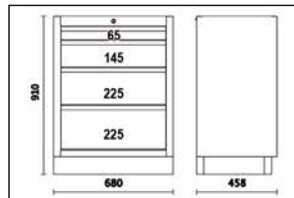
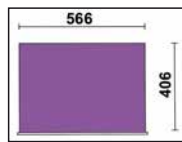
## C45PRO M4

fixed module with 4 drawers, for workshop equipment combination  
C45PRO

- 4 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

45,7 kg

h	max
65 mm	25 kg
145 mm	30 kg
225 mm	30 kg



C45PRO M4

€ 690,00 1 045000234

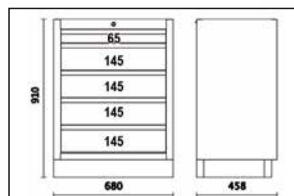
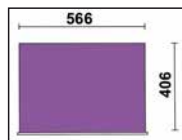
## C45PRO M5

fixed module with 5 drawers, for workshop equipment combination  
C45PRO

- 5 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

49,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO M5

€ 730,00 1 045000235

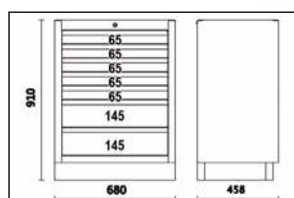
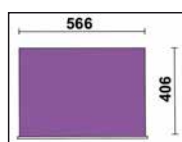
## C45PRO M7

fixed module with 7 drawers, for workshop equipment combination  
C45PRO

- 7 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

54,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO M7



€ 810,00 1 045000237

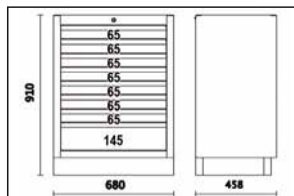
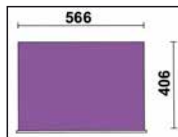
## C45PRO M8

fixed module with 8 drawers, for workshop equipment combination C45PRO

- 8 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

📦 56,5 kg

h		 max
65 mm		25 kg
145 mm		30 kg



C45PRO M8

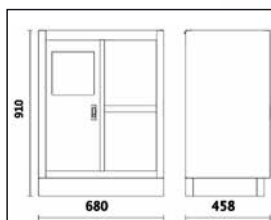
€ 881,00 1 045000238

## C45PRO MS

fixed service module for workshop equipment combination C45PRO

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

📦 37 kg



C45PRO MS

€ 551,00 1 045000239

## C45PRO RD

fixed sorted waste collection module for workshop equipment combination C45PRO

The ideal solution for sorted waste collection (glass, paper, plastic...)

- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:
  - one removable plastic bin; capacity: 25 l
  - 4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

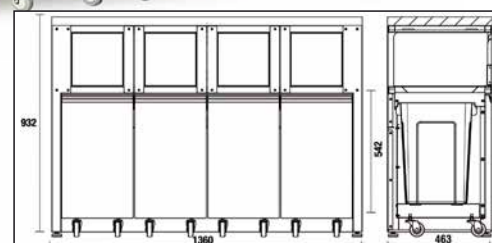
📦 80 kg



C45PRO RD/X



C45PRO RD/W



C45PRO RD/X

€ 1.700,00 1 045000241

C45PRO RD/W

€ 1.590,00 1 045000240



## C45PRO MA

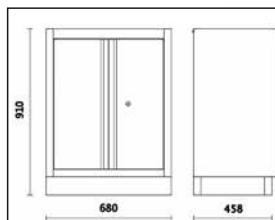
fixed two-door module for workshop equipment combination C45PRO

- With lock
- Vertically adjustable interior shelf
- Interior dimensions 670x420 mm
- With vertically adjustable feet

📦 29,4 kg

C45PRO MA

€ 409,00 1 045000232



## C45PRO M3A

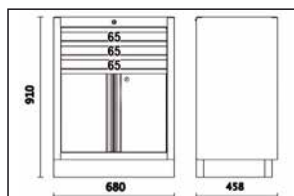
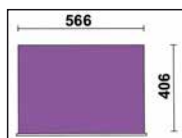
fixed module with 3 drawers and 2 doors, for workshop equipment combination C45PRO

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Front centralized lock
- Storage compartment with double door and lock (interior dimensions 670x440 mm), complete with intermediate shelf
- With vertically adjustable feet

📦 40 kg

C45PRO M3A

€ 706,00 1 045000231



## C45PRO ML

fixed module with built-in sink, for workshop equipment combination C45PRO

Technical specifications:

- Stainless steel basin.
- Supplied complete with:
  - 1 mixer tap
  - 1 drain unit
  - 1 sink stopper
  - 1 filter cap
  - 1 soap dispenser

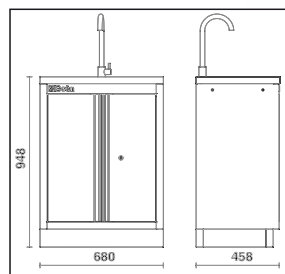
Fixed two-door module with lock:

- Useful interior dimensions 600x603x416 mm
- With vertically adjustable feet

📦 44 kg

C45PRO ML

€ 1.110,00 1 045000233



## C45PRO ACT

fixed module with 3 drawers and 2 built-in reels for workshop equipment combination C45PRO

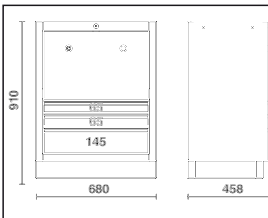
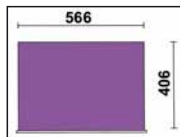
- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

Supplied complete with:

- 1 built-in compressed air or cold water hose reel, Ø 8 mm, length 10 m, item 1900S 8x10
- 1 built-in electrical cable reel, length 15 m, item 1844 15-H05

47 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO ACT

€ 1.049,00 1 045000247

## C45PRO TC

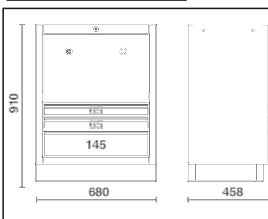
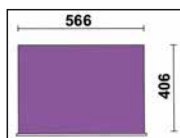
fixed reel module with 3 drawers, for workshop equipment combination C45PRO, empty

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

- Can accommodate 2 reels, to be chosen from the following:
  - 2 compressed air or cold water hose reels, 8 mm, length 10 m item 1900S 8x10
  - 2 electrical cable reels, to be chosen from the following items: 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05
  - 1 compressed air or cold water hose reel, 8 mm, length 10m item 1900S 8x10 and 1 cable reel to be chosen from the above-mentioned items

38 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO TC

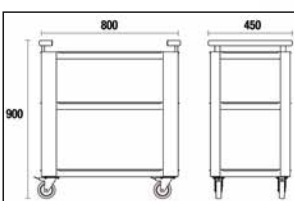
€ 642,00 1 045000249

## C45PRO T3

3-tier tool trolley, for workshop equipment combination C45PRO

- Two fixing options for middle shelf
- 4 swivel castors, Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed over 3 shelves)

19,2 kg



C45PRO T3

€ 377,00 1 045000250

## C45PRO SS

side wall brackets, narrow type, for workshop equipment combination C45PRO

• Dimensions 1420x32.5x30 mm

1,5 kg



C45PRO SS

€ 31,00 1 045000333

## C45PRO SL

side wall brackets, wide type, for workshop equipment combination C45PRO

• Dimensions 1420x65x30 mm

2 kg



C45PRO SL

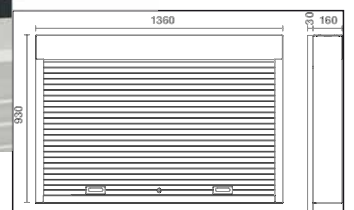
€ 41,50 1 045000366

## C45PRO PAS

tool wall system for workshop equipment combination C45PRO

- Aluminium shutter, vertically adjustable, with lock
- Two removable perforated tool panels
- Matches 1.3-m long workbench

48,8 kg



C45PRO PAS

€ 1.017,00 1 045000290

## C45PRO PF

perforated tool panel for workshop equipment combination C45PRO

• Dimensions 1052x614.5x24 mm

5,3 kg



C45PRO PF

€ 128,50 1 045000313

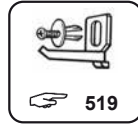


## C45PRO PFE

perforated tool panel for workshop equipment combination C45PRO

- Dimensions 1052x614,5x24 mm
- Can be fitted with 1 power socket (not included)

5,3 kg



C45PRO PFE € 122,00 1 045000312

## C45PRO CORNER/X

self-supporting complete corner for workshop equipment combination C45PRO

- Suspended corner cabinet with gas springs, making it easier to open and close door
- 2 perforated tool panels (1052x860)
- Stainless steel corner worktop (860x860 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

94 kg

C45PRO CORNER/X € 2.095,00 1 045000401

## C45PRO CORNER/W

self-supporting complete corner for workshop equipment combination C45PRO

- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (1052x860 mm)
- Multi-ply wood corner worktop (860x860 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

93 kg

C45PRO CORNER/W € 2.020,00 1 045000411



## C45PRO CAI/X

lower corner module for workshop equipment combination C45PRO

- Corner worktop made of stainless steel coated MDF, 860x860 mm
- Fixed corner module with large storage compartment
- With vertically adjustable feet

62 kg

C45PRO CAI/X € 1.149,00 1 045000412



## C45PRO CAI/W

lower corner module for workshop equipment combination C45PRO

- Multi-ply wood corner worktop (860x860 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

56 kg

C45PRO CAI/W € 1.075,00 1 045000402



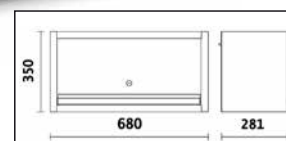
## C45PRO PM

wall-mounted cabinet for workshop equipment combination C45PRO

- Cabinet length: 680 mm
- With gas springs, making it easier to open and close door
- With lock

10 kg

C45PRO PM € 236,50 1 045000302



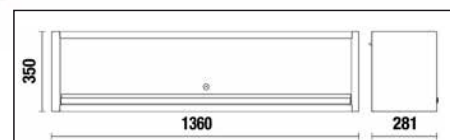
## C45PRO PML

wall-mounted cabinet, long, for workshop equipment combination C45PRO

- Wall-mounted cabinet length: 1360 mm
- With gas springs, making it easier to open and close door
- With lock

18 kg

C45PRO PML € 423,00 1 045000303

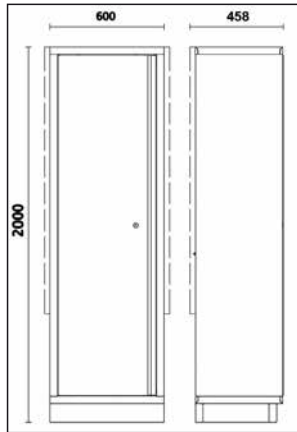


## C45PRO AS1

sheet metal single-door tool cabinet with bracket, for workshop equipment combination C45PRO

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions 590x430 mm
- With vertically adjustable feet

57,5 kg



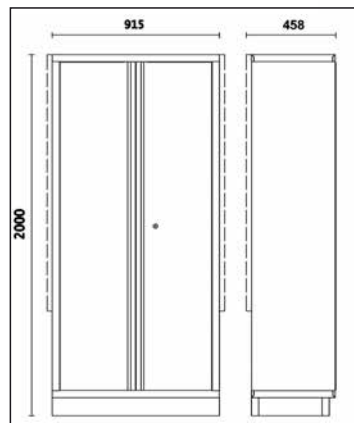
C45PRO AS1 € 841,00 1 045000451

## C45PRO AS2

sheet metal two-door tool cabinet with bracket, for workshop equipment combination C45PRO

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions 910x430 mm
- With vertically adjustable feet

80 kg



C45PRO AS2 € 1.119,00 1 045000481

## C45STR

coloured adhesive tape for workshop equipment combination C45PRO

- allows tailoring of colour of horizontal and vertical inserts in workshop equipment combination C45PRO



	L m	€	1	045000911
C45STR-O/2011	30	66,00	1	045000911
C45STR-G/9006	25	60,00	1	045000912
C45STR-R/3000	25	60,00	1	045000913
C45STR-B/5015	25	60,00	1	045000914
C45STR-Y/1023	25	60,00	1	045000915
C45STR-V/6029	25	60,00	1	045000916



# ACCESSORIES RSC55 - C45PRO

## C45LMP

LED lamp for workshop equipment combination C45PRO - RSC55

- Length: 630 mm
- Easy to fix under wall cabinet through adhesives
- ON/OFF switch
- 570 lumens



307 g

C45LMP € 132,00 1 045000320

## PM/5C

5-tray tool holder, made of plastic, with support

- Interior dimensions of tray: 95x120 mm
- Can be used with tool wall systems C45PRO and RSC55



1,8 kg

PM/5C € 99,00 1 088880450

## PM/6C

6-tray tool holder, made of plastic, with support

- Interior dimensions of tray: 80x60 mm
- Can be used with tool wall systems C45PRO and RSC55



970 g

PM/6C € 77,00 1 088880440

## CP

wall-mounted bottle holder rack, made of steel

- Can be used with wall-mounted tool panels



CP € 104,00 1 088880470

## SPC

computer wall bracket

- Matches tool wall systems RSC55 and C45PRO
- Dimensions 398x243x138 mm



5 kg



SPC € 84,00 1 088880480

# ROLLER CABS & CONTAINERS

## LOOSE TOOLS

## TRAYS

			pieces	ROLLER CABS & CONTAINERS														
				RSC22	RSC23	RSC23C	RSC23T	RSC24/5	RSC24/6	RSC24/7	RSC24A/7	RSC24/8	RSC24A/8	RSC24AXL/9	C25	C27S	RSC28	C30M
without supports	5902MT	Earth moving	106	☐ 477	☐ 477	☐ 477												
	5902MT/AS	Earth moving	99	☐ 478	☐ 478	☐ 478												
	5902VI	Industrial maintenance	107	☐ 443	☐ 443		☐ 443							☐ 443	☐ 443			
	5904VG/3	Car repair	132					☐ 481	☐ 481	☐ 481	☐ 481							
	5905VG/1	Car repair	94											☐ 484				
	5905VG/2	Car repair	118											☐ 485				
	5910VI/3	Industrial maintenance	297															☐ 447
	5954VG	Car repair	138															
	5954VI	Industrial maintenance	133															
	5957U-P	Industrial maintenance	133															
5957VG	Car repair	174																
5957VI	Industrial maintenance	162																
5958U	Industrial maintenance	85																
soft modules	5904VG/2M	Car repair	170				☐ 479	☐ 479	☐ 479	☐ 479	☐ 479	☐ 479						☐ 479
	5904VU/1M	Industrial maintenance	90				☐ 452	☐ 452	☐ 452	☐ 452	☐ 452	☐ 452						☐ 452
	5904VU/2M	Industrial maintenance	144				☐ 453	☐ 453	☐ 453	☐ 453	☐ 453	☐ 453						☐ 453
	5927VU/M	Industrial maintenance	108	☐ 463	☐ 463	☐ 463									☐ 463			
	5935ET/1MB	Electrotechnical	96															
	5935VG/1MB	Car repair	98															
	5935VI/2MB	Industrial maintenance	133															
	5945VUM	Universal use	231															
	5988H/7M	Car repair	333									☐ 469	☐ 469					☐ 469
	5988L/4M	Car repair	273					☐ 470	☐ 470	☐ 470	☐ 470	☐ 470	☐ 470					
	5988U6/M	Universal use	214							☐ 471	☐ 471	☐ 471	☐ 471					☐ 471
	5988U/7M	Universal use	215				☐ 459	☐ 459	☐ 459	☐ 459	☐ 459	☐ 459	☐ 459					☐ 459
	5988VHB-MQ	Elettrotecnica	66				☐ 475	☐ 475	☐ 475	☐ 475	☐ 475	☐ 475	☐ 475					☐ 475
	5904VI/1T	Industrial maintenance	98				☐ 443	☐ 443	☐ 443	☐ 443	☐ 443	☐ 443	☐ 443					☐ 443
	5904VI/2T	Industrial maintenance	153				☐ 444			☐ 444	☐ 444	☐ 444	☐ 444					☐ 444
	5904VI/3T	Industrial maintenance	142									☐ 445	☐ 445					☐ 445
	5904VG/2T	Car repair	99				☐ 480	☐ 480	☐ 480	☐ 480	☐ 480	☐ 480	☐ 480					☐ 480
	5904VG/3T	Car repair	102				☐ 482	☐ 482	☐ 482	☐ 482	☐ 482	☐ 482	☐ 482					☐ 482
	5904VG/5T	Car repair	153				☐ 483		☐ 483	☐ 483	☐ 483	☐ 483	☐ 483					☐ 483
	5904VU/2T	Universal use	104				☐ 454	☐ 454	☐ 454	☐ 454	☐ 454	☐ 454	☐ 454					☐ 454
5904VU/3T	Universal use	146				☐ 455	☐ 455	☐ 455	☐ 455	☐ 455	☐ 455	☐ 455					☐ 455	
5904VU/4T	Universal use	197				☐ 456	☐ 456	☐ 456	☐ 456	☐ 456	☐ 456	☐ 456						
5908VG/2T	Car repair	214																☐ 486
5908VI/2T	Industrial maintenance	232									☐ 446	☐ 446					☐ 446	
5908VU/2T	Universal use	161				☐ 457		☐ 457	☐ 457	☐ 457	☐ 457	☐ 457					☐ 457	
5910VG/3T	Car repair	202																☐ 487
5910VI/3T	Industrial maintenance	261																☐ 448
5938U/2T	Universal use	210																

# ROLLER CABS & CONTAINERS

## LOOSE TOOLS

## TRAYS

				pieces													
				C35	C38	C39MD C39SM	C39T	C45PRO	RSC51	C54S RSC55C	RSC55	RSC55PS RSC55PSE	C57SA C57SD	C57SB C57SP	C58P C45PRO PAS	C59A C59C	C59B
without supports	5902MT	Earth moving	106				▣ 477										
	5902MT/AS	Earth moving	99				▣ 478										
	5902VI	Industrial maintenance	107														
	5904VG/3	Car repair	132								▣ 482					▣ 482	▣ 482
	5905VG/1	Car repair	94														
	5905VG/2	Car repair	118														
	5910VI/3	Industrial maintenance	297														
	5954VG	Car repair	138							▣ 491							
	5954VI	Industrial maintenance	133							▣ 451	▣ 451						
	5957U-P	Universal use	133									▣ 465	▣ 465				
5957VG	Car repair	174									▣ 492	▣ 492					
5957VI	Industrial maintenance	162										▣ 450					
5958U	Universal use	85					▣ 466			▣ 466	▣ 466			▣ 466			
soft modules	5904VG/2M	Car repair	170			▣ 479	▣ 479				▣ 479					▣ 479	▣ 479
	5904VU/1M	Universal use	90			▣ 452	▣ 452	▣ 452		▣ 452						▣ 452	▣ 452
	5904VU/2M	Universal use	144			▣ 453	▣ 453			▣ 453						▣ 453	▣ 453
	5927VU/M	Universal use	108														
	5935ET/1MB	Elettrotecnica	96	▣ 472													
	5935VG/1MB	Car repair	98	▣ 488													
	5935VI/2MB	Industrial maintenance	133	▣ 449													
	5945VUM	Universal use	231		▣ 490			▣ 490									
	5988H/7M	Car repair	333								▣ 469						▣ 469
	5988L/4M	Car repair	273			▣ 470	▣ 470				▣ 470					▣ 470	▣ 470
	5988U6/M	Universal use	214			▣ 471					▣ 471						▣ 471
	5988U/7M	Universal use	215			▣ 459					▣ 459					▣ 459	▣ 459
	5988VHB-MQ	Electrotechnical	66			▣ 475	▣ 475	▣ 475		▣ 475						▣ 475	▣ 475
	5904VI/1T	Industrial maintenance	98			▣ 443	▣ 443	▣ 443		▣ 443						▣ 443	▣ 443
	5904VI/2T	Industrial maintenance	153			▣ 444				▣ 444						▣ 444	▣ 444
	5904VI/3T	Industrial maintenance	142			▣ 445				▣ 445							▣ 445
	5904VG/2T	Car repair	99			▣ 480	▣ 480	▣ 480		▣ 480						▣ 480	▣ 480
	5904VG/3T	Car repair	102			▣ 482	▣ 482			▣ 482						▣ 482	▣ 482
	5904VG/5T	Car repair	153			▣ 483				▣ 483						▣ 483	▣ 483
	5904VU/2T	Universal use	104			▣ 454	▣ 454			▣ 454						▣ 454	▣ 454
5904VU/3T	Universal use	146			▣ 455	▣ 455			▣ 455						▣ 455	▣ 455	
5904VU/4T	Universal use	197			▣ 456	▣ 456			▣ 456						▣ 456	▣ 456	
5908VG/2T	Car repair	214															
5908VI/2T	Industrial maintenance	232														▣ 446	
5908VU/2T	Universal use	161			▣ 457				▣ 457						▣ 457	▣ 457	
5910VG/3T	Car repair	202															
5910VI/3T	Industrial maintenance	261															
5938U/2T	Universal use	210		▣ 464													





## 5902VI

assortment of 107 tools

### ► Industrial maintenance

#### Quantity/Description

- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 1 centre punch Ø 3 mm
- 1 flat chisels, ribbed type 200 mm
- 26 combination wrenches 6+32 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 300 mm
- 13 1/2" square drive hexagon sockets with rail Ø 10+22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet @
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish 160 mm
- 1 compound leverage shears, straight blades 250 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish 160 mm
- 8 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm
- 4 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1 engineer's hammer 500 g
- 1 dead blow hammer Ø 40 mm
- 1 engineer's scriber
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 5 Set of 5 second-cut files, with handles 200 mm
- 1 hacksaw frame, aluminium handle
- 1 Metal pressure oil can 300 cc
- 1 snap - off blade utility knife
- 1 magnetic, articulated lamp with high-brightness LEDs

#### Beta N.

- 31
- 32
- 35
- 42/S26
- 55/S12
- 96N/SC9
- 111E
- 920A/SB13
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 1048N
- 1052
- 1084GBM
- 1122
- 1128BMX
- 1150GBM
- 1166GBM
- 1260
- 1262
- 1370
- 1392
- 1688A
- 1692
- 1708/20
- 1719BMA...S5
- 1726BM
- 1751N
- 1771BM
- 1837F

€

5902VI 1.720,00 059021060

Assortment recommended in combination with RSC22 - RSC23 - RSC23T - C25 - C27S



T80 T05 T06



T153 T138 T145 T236



T234 T33 T208 T68

## 5904VI/1T

assortment of 98 tools in ABS thermoformed trays

### ► Industrial maintenance

#### Quantity/Description

- 19 1/2" square drive hexagon sockets Ø 10+24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet @
- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 Extra-long needle nose pliers 160 mm
- 1 circlip pliers straight, internal Ø 180 mm
- 1 circlip pliers bent, internal Ø 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 5 second cut files 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 6 T-handle wrenches with hexagon male ends Ø 2,5 - 3 - 4 - 5 - 6 - 8 mm

#### Beta N.

#### TR

- 920A T80
- 920ME T80
- 920/21 T80
- 920/22 T80
- 920/25 T80
- 920/42 T80
- 920/55 T80
- 42 T05
- 42 T06
- 1048N T153
- 1052 T153
- 1084 T138
- 1150 T138
- 1166 T138
- 1032 T145
- 1034 T145
- 1036 T145
- 1038 T145
- 35 T234
- 1719BMA8/S5 T236
- 1370 T234
- 1390 T234
- 55 T33
- 96/SC9 T33
- 1260 T208
- 1262 T208
- 951 T68

€

5904VI/1T 1.565,00 059041161

Assortment recommended in combination with RSC51 - RSC24 - RSC24A - RSC24XL - C37 - C39 with 6 - 7 - 8 drawers  
RSC23T - C39T - RSC24L - RSC24L-CAB - C59 - RSC28 - C39MD - C39SM - RSC55

## 5904VI/2T

assortment of 153 tools in ABS thermoformed trays

### ► Industrial maintenance

#### Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6+29 mm
- 19 1/2" square drive hexagon sockets  $\odot$  10+24 - 26 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 13 1/4" hexagon sockets  $\odot$  4+14 mm
- 6 1/4" socket drivers for hexagon screws  $\odot$  2,5+8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet  $\oplus$
- 9 screwdrivers for slotted head screws  $\bullet$  3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series  $\bullet$  4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series  $\oplus$  PH1x30 - PH2x30 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 6 T-handle wrenches with hexagon male ends  $\odot$  2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 riveting pliers
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 measuring tape
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
90	T40
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1260	T167
1260N	T167
1262	T168
1262N	T168
1048N	T153
1052	T153
1084	T138
1166	T138
1150	T138
1032	T145
1034	T145
1036	T145
1038	T145
951	T68
1719BMA8/S5	T236
35	T234
1370	T234
1390	T234
1741B	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1741RV...K	T281
1692	T289
1725CR	T289
1755	T289
1771	T289



T05 T06 T31



T40 T83 T91



T167 T168



T153 T138 T145 T68



T236 T234 T281 T289

€

5904VI/2T 2.195,00 059041164

Assortment recommended in combination with RSC24 with 7 - 8 drawers - RSC24A with 7 - 8 drawers - C37 with 7 - 8 drawers - RSC24XL - C39 with 7 - 8 drawers RSC24L - RSC24L-CAB - C59 - RSC23T - RSC28 - C39MO - C39SM - RSC55



## 5904VI/3T

assortment of 142 tools in ABS thermoformed trays

### ► Industrial maintenance

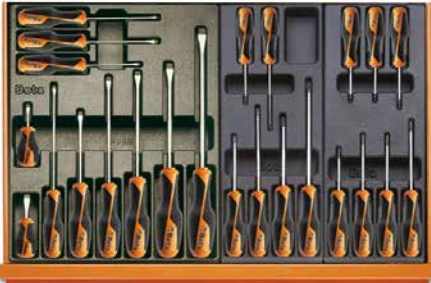
#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches ⌀ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 9 screwdrivers for slotted head screws ● 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 7 drivers for Torx® head screws ○ T6-T7-T8-T9-T10-T15-T20
- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
- 8 double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 1 tommy bars for tubular wrenches
- 1 tommy bars for tubular wrenches
- 6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers < 160 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 circlip pliers straight, internal ○ 140 mm
- 1 circlip pliers bent, internal ○ 225 mm
- 1 circlip pliers straight, external ● 140 mm
- 1 circlip pliers bent, external ● 225 mm
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 digital vernier
- 1 flexible graduated rule 300 mm
- 1 measuring tape 5 m
- 1 riveting pliers 250 mm
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 hacksaw frame, aluminium handle
- (5) blades for hacksaw
- 1 Plastic pressure oil can 200 cc
- empty thermoformed tray

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
1260	T167
1260N	T167
1262	T202
1267TX	T205
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
930	T73
940/1	T73
940/2	T73
951	T68
1150BM	T137
1166BM	T137
1084BM	T137
1048N	T153
1052	T153
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1034	T146
1036	T146
1038	T146
1370	T231
1390	T231
1719BMA8/T	T231
1719BMA8/P	T231
1719BMA8/M	T231
1651DGT	T297
1682	T297
1691BM	T297
1741B	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1112	T285
1128BM	T285
1726	T285
1728BM	T285
1753	T285
VP6	VP6



T05 T06 T31



T167 T202 T205



T80 T73 T68



T137 T153 T145 T146



T231 T297 T281



T285 VP6

€ 2.540,00 059041168

Assortment recommended in combination with RSC24 with 8 drawers - RSC24/A with 8 drawers - C37 with 8 drawers - C39 with 8 drawers - RSC24XL with 8-9 drawers - RSC28 - C39MO - C39SM RSC55 - C59B



## 5908VI/2T

assortment of 232 tools in ABS thermoformed trays

### ► Industrial maintenance

#### Quantity/Description

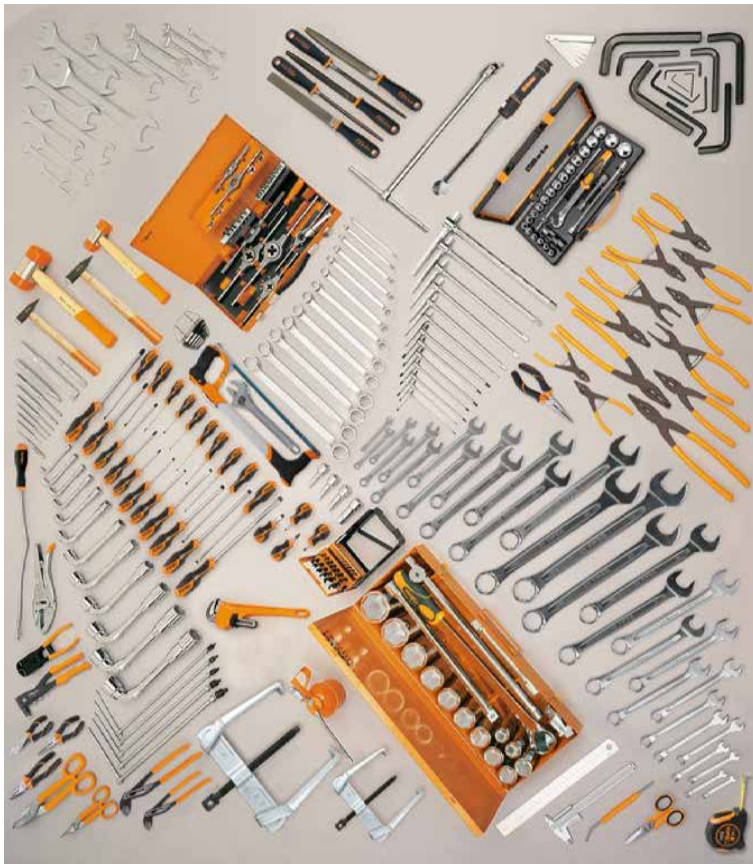
Quantity/Description	Beta N.	TR
5 1/2" drive, socket drivers for hexagon screws $\odot$ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1 1/2" drive extension bar 125 mm	920/21	T80
1 1/2" drive extension bar 255 mm	920/22	T80
1 1/2" drive universal joint	920/25	T80
1 1/2" drive sliding T-handle	920/42	T80
1 1/2" drive reversible ratchet $\text{\textcircled{R}}$	920/55	T80
19 1/2" square drive hexagon sockets $\odot$ 10+24 - 26 - 27 - 30 - 32 mm	920A	T80
16 combination wrenches 6+21 mm	42	T05
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
13 1/4" hexagon sockets $\odot$ 4+14 mm	900	T91
6 1/4" socket drivers for hexagon screws $\odot$ 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91
1 1/4" drive extension bar 50 mm	900/20	T91
1 1/4" drive extension bar 150 mm	900/21	T91
1 1/4" drive spinner handle	900BG/30	T91
1 1/4" drive universal joint	900/25	T91
1 1/4" drive swivel T-handle	900/42	T91
1 1/4" reversible ratchet $\text{\textcircled{R}}$	900/55	T91
6 T-handle wrenches with hexagon male ends $\odot$ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7 screwdrivers for slotted head screws $\bullet$ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1260	T199
6 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202
3 screwdrivers for slotted head screws $\bullet$ 8x200 - 10x150 - 10x200 mm	1260	T201
2 screwdrivers for slotted head screws, extra-short series $\bullet$ 4x30 - 6,5x30 mm	1260N	T201
2 screwdrivers for cross head Phillips® screws $\oplus$ PH3x150 - PH4x200 mm	1262	T204
2 screwdrivers for cross head Phillips® screws, extra - short series $\oplus$ PH1x30 - PH2x30 mm	1262N	T204
2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer $\varnothing$ 35 mm	1390	T234
1 riveting pliers 250 mm	1741B	T281
100 aluminium rivets 2,9x6 mm	1741RV...K	T281
100 aluminium rivets 3,2x8 mm	1741RV...K	T281
100 aluminium rivets 3,8x10 mm	1741RV...K	T281
100 aluminium rivets 4x12 mm	1741RV...K	T281
100 aluminium rivets 4,8x12 mm	1741RV...K	T281
1 250 mm	1048N	T153
1 self - locking pliers 240 mm	1052	T153
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5	T236
1 circlip pliers straight, internal $\odot$ 180 mm	1032	T145
1 circlip pliers bent, internal $\odot$ 170 mm	1034	T145
1 circlip pliers straight, external $\bullet$ 175 mm	1036	T145
1 circlip pliers bent, external $\bullet$ 175 mm	1038	T145
1 half-round needle nose pliers $\equiv$ 180 mm	1150BM	T137
1 Extra-long needle nose pliers $\bullet$ 160 mm	1166BM	T137
1 Heavy-duty diagonal cutting nippers $\llcorner$ 160 mm	1084BM	T137
5 pin punches $\varnothing$ 2 - 3 - 4 - 5 - 6 mm	31	T31
1 centre punch $\varnothing$ 4 mm	32	T31
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9 offset hexagon key wrenches $\odot$ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1 tin snips 250 mm	1112	T285
1 electrician's scissors, straight blades	1128BM	T285
1 hacksaw frame, aluminium handle	1726	T285
5 blades for hacksaw	1728BM	T285
1 Plastic pressure oil can 200 cc	1753	T285
1 empty thermoformed tray	VP5	VP5
1 adjustable tap wrench M3+M12	435/1,5	T273
1 adjustable tap wrench M5+M21	435/3	T273
1 reversible ratcheting tap wrench 2,0+5,0 mm (M3+M8)	436/1	T273
1 reversible ratcheting tap wrench 4,6+8,0 mm (M5+M12)	436/2	T273
1 die stock 25,4 mm	444/1	T273
1 die stock 38,1 mm	444/2	T273
1 screw pitch gauge 0,25+6 W 62+4x1"	1707	T273
26 coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
14 fine pitch hand taps M6x0,75 - M8x1 - M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	433	T270
7 round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
6 round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
2 round dies, fine pitch M6x0,75 - M8x0,75	441	T270
5 round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270

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5908VI/2T

3.370,00 059081105

Assortment recommended in combination with RSC28 - RSC24XL with 8 and 9 drawers - RSC24A with 8 and 9 drawers - RSC24 with 8 drawers - C37 with 8 drawers - C39 with 8 drawers



## 5910VI/3

assortment of 297 tools

### ► Industrial maintenance

Quantity/Description	Beta N.
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 125 - 250 mm	35
1 cape chisel, ribbed type 200 mm	37
30 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-35-36-38-41 mm	42
14 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55
13 double ended offset ring wrenches 6x7+30x32 mm	90
14 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N
1 Adjustable wrench 250 mm	111E
1 heavy duty pipe wrench 300 mm	362
25 twist drills with cylindrical shanks, short series 1+13x0,5 mm	412/SP25
37 assortment of HSS taps and dies, metric thread	447/C37
1 click-type torque wrenches with reversible ratchets ⊕ 1/2", 40±200 Nm	666N/20
1 1/2" drive swivel T-handle	920/40
4 1/2" drive, socket drivers for hexagon screws Ø 10-12-14-17 mm	920ME
25 20 sockets and 5 accessories	920A/C20X
17 assortment of 12 sockets and 5 accessories 3/4"	928A/C12
12 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	932
14 T-handle wrenches with hexagon male ends 2+14 mm	951/S14
5 T handle wrenches with swivelling hexagon male ends Ø 3 - 4 - 5 - 6 - 8 mm	953
3 circlip pliers straight, internal Ø 180 - 225 - 300 mm	1032
3 circlip pliers bent, internal Ø 170 - 210 - 290 mm	1034
3 circlip pliers straight, external ● 140x1,3 - 175 - 225 mm	1036
3 circlip pliers bent, external ● 135x1,3 - 175 - 220 mm	1038
2 250 - 300 mm	1048N
1 self locking pliers, double adjustment	1051
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 300 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1166GBM
1 extra-long bent needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1168GBM
9 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x150 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1260
2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N
5 screwdrivers for cross head Phillips® screws ⊕ PH0x100 - PH1x120 - PH2x150 - PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 - PH2x30 mm	1262N
7 drivers for Torx® head screws ⊖ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
2 engineer's hammer 300 - 600 g	1370
2 soft face hammer Ø 35 - 60 mm	1390
5 tapered extractors M3÷M18	1430/S5
1 two - leg universal puller 23÷70 mm	1500N/1
1 two - leg universal puller 23÷100 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scribe	1688A
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/13
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 riveting pliers	1741B
1 Metal pressure oil can 200 cc	1751N

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5910VI/3 7.030,00 059101044

Assortment recommended for use with item C30M



## 5910VI/3T

assortment of 261 tools in ABS thermoformed trays

### ► Industrial maintenance

#### Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm
- 7 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 mm
- 5 1/2" drive, socket drivers for hexagon screws  $\odot$  5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10+24 - 26 - 27 - 30 - 32 mm
- 9 screwdrivers for slotted head screws  $\bullet$  3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 -  
6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series  $\bullet$  4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH0x100 - PH1x80 - PH1x120 -  
PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series  $\oplus$  PH1x30 - PH2x30 mm
- 4 offset hexagon key wrenches  $\odot$  13-14-17-19 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 hacksaw frame, aluminium handle
- blades for hacksaw
- (5) Plastic pressure oil can 200 cc
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 Heavy-duty diagonal cutting nippers  $\nless$  160 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175mm
- 1 circlip pliers bent, external  $\bullet$  175mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 4 combination wrenches 35-36-38-41 mm
- 1 double open end wrenches 36x41 mm
- 1 Adjustable wrench 250 mm
- 1 heavy duty pipe wrench 300 mm
- 25 twist drills with cylindrical shanks, short series
- 37 assortment of HSS taps and dies, metric thread
- 1 click-type torque wrenches with reversible ratchets  $\oplus$  200 Nm
- 17 assortment of 12 sockets and 5 accessories 3/4"
- 14 T-handle wrenches with hexagon male ends
- 5 T handle wrenches with swivelling hexagon male ends  $\odot$  3-4-5-6-8 mm
- 1 circlip pliers straight, internal  $\odot$  300 mm
- 1 circlip pliers bent, internal  $\odot$  290 mm
- 1 circlip pliers straight, external  $\bullet$  225 mm
- 1 circlip pliers bent, external  $\bullet$  220 mm
- 1 300 mm
- 1 self locking pliers, double adjustment
- 1 toggle lever assisted end cutting nippers  $\nless$  180 mm
- 1 engineer's hammer 600 g
- 1 soft face hammer 60 mm
- 5 tapered extractors M3-M18
- 1 two - leg universal puller
- 1 sliding gauge
- 1 semirigid stainless steel rule
- 1 engineer's scriber
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
90	T41
90	T40
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/45	T80
920/55	T80
920A	T80
1260	T167
1260N	T167
1262	T168
1262N	T168
96N	T168
1112	T285
1128BM	T285
1726	T285
1728BM	T285
1753	T285
1150BM	T137
1166BM	T137
1084BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
35	T234
1370	T234
1390	T234
1719BMA8/S5	T236
42	
55	
111E	
362	
412/SP25	
447/C37	
666N/20	
928A/C12	
951/S14	
953	
1032	
1034	
1036	
1038	
1048N	
1051	
1092V	
1370	
1390	
1430/S5	
1500/3	
1650	
1683	
1688	
1692	
1708/13	
1712E/2	



T05 T06 T31



T40 T41 T80



T167 T168 +96N



T137 T145 T234 T236



T285

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5910VI/3T 6.000,00 059101063

Assortment recommended for use with item C30M



## 5935VI/2MB

assortment of 133 tools for tool chest C35, in EVA foam trays

### ► Industrial maintenance

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 1 250 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17  
18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 150 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 1 Adjustable wrench 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers < 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" reversible ratchet Ⓢ
- 1 1/4" drive swivel T-handle
- 7 screwdrivers for slotted head screws  
● 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30-6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws Ⓢ PH0x60-PH0x100-PH1x80-PH1x120-  
PH2x100-PH2x150-PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series Ⓢ PH1x30-PH2x30 mm
- 1 mains testing screwdriver ● 4x30-6,5x30 mm
- 9 ball head offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 5 pin punches Ø 2-3-4-5-6 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels, ribbed type 200 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 45 mm
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle 440 mm

Beta N.	TR
42	MB12
55	MB12
1048N	MB12
920A	MB37
920AN/125	MB37
920AN/250	MB37
920/25	MB37
920/42	MB37
920/55	MB37
111E	MB37
1052	MB37
1084BM	MB37
1150BM	MB37
1166BM	MB37
1032	MB37
1034	MB37
1036	MB37
1038	MB37
900	MB37
900/20	MB37
900/21	MB37
900/25	MB37
900BG/30	MB37
900/55	MB37
900/42	MB37
1260	MB44
1260N	MB44
1262	MB44
1262N	MB44
1253	MB44
96BPC/SC9	MB44
951	MB44
31	MB55
32	MB55
35	MB55
1112	MB55
1128BMX	MB55
1370	MB55
1390	MB55
1719BMA...Q	MB55
1719BMA...T	MB55
1719BMA...P	MB55
1719BMA...M	MB55
1719BMA...R	MB55
1726	MB55



MB12



MB37



MB44



MB55

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5935VI/2MB 2.290,00 059351316

Assortment recommended in combination with C35

## 5957VI

Assortment of 162 tools

### ► Industrial maintenance

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
18 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30-32 mm	42
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96T/S8
8 offset key wrenches, for Torx® head screws ⌚ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/SC8
1 Adjustable wrench 250 mm	111E
13 1/2" square drive bi-hex sockets with rail ⌀ 10+22 mm	920B/SB13
8 1/2" square drive bi-hex sockets with rail ⌀ 23+32 mm	920B/SB8
4 1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws ⌚ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⌚	920/55
1 pry bar	963
2 circlip pliers straight, internal ⌀ 140 - 180 mm	1032
2 circlip pliers bent, internal ⌀ 130 - 170 mm	1034
2 circlip pliers straight, external ● 140 - 175 mm	1036
2 circlip pliers bent, external ● 135 - 175 mm	1038
1 250 mm	1048N
1 self locking pliers, double adjustment	1051
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 250 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers ≡ 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 160 mm	1168BM
7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 4x100 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws ⌚ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
3 engineer's hammer 300 - 600 - 1000 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 flat chisels, ribbed type 200 mm	35
1 cape chisel, ribbed type 200 mm	37
11 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 19 - 22 - 24 mm	932
1 self - locking pliers 240 mm	1052
1 self - locking pliers 280 mm	1060
1 self - locking pliers 290 mm	1062
1 dead blow hammer Ø 50 mm	1392
1 two - leg universal puller 25+130 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scriber	1688A
1 metric feeler gauge	1708/13
1 fold - away knife	1777BM
1 snap - off blade utility knife 170 mm	1771BM
1 Diagonal cutting nippers ⚡ 160 mm	1082BM

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5957VI 3.530,00 059571005

Assortment recommended in combination with C57S A - C57S B - C57SP - C55PSP



## 5954VI

Assortment of 133 tools

### ► Industrial maintenance

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 200-250 mm	35
18 combination wrenches 6÷14 - 16 - 17 - 18 19 - 21 - 22 - 24 - 27 - 30 mm	42
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12 offset hexagon key wrenches $\varnothing$ 2÷10 mm	96/SC12
1 Adjustable wrench 250 mm	111E
1 pipe wrench Swedish pattern 320 mm	374
20 1/2" square drive hexagon sockets $\varnothing$ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
6 1/2" drive, socket drivers for hexagon screws $\varnothing$ 5 - 6 - 8 - 10 - 12 - 14 mm	920ME
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive swivel T-handle	920/40
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet	920/55
6 T-handle wrenches with hexagon male ends $\varnothing$ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
2 circlip pliers straight, internal $\varnothing$ 140 - 180 mm	1032
1 circlip pliers bent, internal $\varnothing$ 170 mm	1034
2 circlip pliers straight, external $\varnothing$ 140x1,3 - 175 mm	1036
1 circlip pliers bent, external $\varnothing$ 175 mm	1038
1 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers $\nless$ 160 mm	1084BM
1 toggle lever assisted end cutting nippers $\nless$ 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers $\nless$ 180 mm	1150BM
1 Extra-long needle nose pliers $\nless$ 160 mm	1166BM
1 mains testing screwdriver	1253
2 screwdrivers for slotted head screws $\nless$ 8x150 - 10x200 mm	1260
2 screwdrivers for slotted head screws, extra-short series $\nless$ 4x30 - 6,5x30 mm	1260N
2 screwdrivers for cross head Phillips® screws $\nless$ PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series $\nless$ PH1x30 - PH2x30 mm	1262N
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 500 g	1370
1 soft face hammer $\varnothing$ 45 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 0,5 kg	1712E/1
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 plastic oil can 250 cc	1754



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5954VI 2.420,00 059541053

Assortment recommended in combination with C54S-C55C





M05 M33 M204 M201



M50 M83



M137 M153 M234 M145

## 5904VU/1M

assortment of 90 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 drivers for Torx® head screws  $\odot$  T8-T10-T15-T20-T25-T30
- 3 screwdrivers for slotted head screws  $\bullet$  3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 8 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers  $\blacktriangledown$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm

Beta N.	TR
42	M05
55	M33
96/SC9	M33
1267TX	M204
1260	M201
1262	M201
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M234
1370	M234
1390	M234
1032	M145
1034	M145
1036	M145
1038	M145

€



5904VU/1M

1.400,00 059041201

Assortment recommended in combination with RSC51 - RSC24 - RSC24A - RSC24XL - C37 - C39 with 6 - 7 - 8 drawers  
RSC23T - C39T - RSC24L - RSC24L-CAB - C59 RSC55 - RSC28 - C39SM - C39MD

## 5904VU/2M

assortment of 144 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for slotted head screws  $\bullet$  3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 6 drivers for Torx® head screws  $\odot$  T8-T10-T15-T20-T25-T30
- 8 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 mechanic's hammers 300 g
- 1 nylon face hammers, wooden shafts  $\varnothing$  35 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife
- 5 bits for slotted head screws, coloured  $\bullet$  0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured  $\oplus$  PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured  $\oplus$  PZ1 - PZ2 - PZ3 - PZ4
- 11 bits for Torx® head screws, coloured  $\odot$  T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured  $\oplus$  T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet 100 mm
- 5 second cut files 200 mm
- 1 adaptors for drivers
- 1 magnetic bit holder extension bar

Beta N.	TR
42	M05
55	M33
96/SC9	M33
1260	M201
1262	M201
1267TX	M204
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M237
1370T	M237
1390N	M237
1032	M145
1034	M145
1036	M145
1038	M145
VPM3	VPM3
1692	M289
1725CR	M289
1755	M289
1771	M289
860LP	M85
860PE	M85
860PH	M85
860PZ	M85
860TX	M85
860RTX	M85
851SR	M85
860/55	M85
1719BMA8/S5	M236
8920	M85
882P	M85



M05 M33 M204 M201



M50 M83



M137 M153 M237 M145



VPM3 M289 M85 M236

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5904VU/2M 1.795,00 059041212

Assortment recommended in combination with RSC24 - RSC24A - C37 - C39  
RSC24L - RSC24L-CAB - C59 - C23 -RSC28 -C39SM - C39MD -C39T RSC55

## 5904VU/2T

assortment of 104 tools in ABS thermoformed trays

### ► Universal use

#### Quantity/Description

- 7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125  
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19  
20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet Ⓞ
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches ○ 1,5÷10 mm
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17  
18-19-20-21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 electrician's scissors, straight blades
- 1 Multiuse scissors
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 blades for hacksaw
- 1 snap - off blade utility knife 170 mm
- 1 foldaway knife 185 mm

Beta N.	TR
1260	T199
1262	T202
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1084	T138
1150	T138
1166	T138
35	T234
1370	T234
1390	T234
951	T68
55	T33
96/SC9	T33
42	T05
42	T06
1128BMX	T284
1130BMX	T284
1719BMA...Q	T284
1719BMA...P	T284
1719BMA...T	T284
1719BMA...M	T284
1719BMA...R	T284
1726BM	T284
1728BM	T284
1771BM	T284
1778	T284



T199 T202 T83



T145 T153 T138 T234



T68 T33 T05 T06



T284

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5904VU/2T

1.685,00 059041070

Assortment recommended in combination with RSC24 - RSC24A - C37 - C39  
RSC24L - RSC24L-CAB - C59 - RSC23T - RSC28 - C39SM - C39MD - C39T RSC55



## 5904VU/3T

assortment of 146 tools in ABS thermoformed trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches ⌀ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches ⌀ 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx® head screws, with handles ⌀ T10-T15-T20-T25-T27-T30
- 5 1/2" drive, socket drivers for hexagon screws ⌀ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ⌀ 10÷24 - 26 - 27 - 30 - 32 mm
- 13 1/4" hexagon sockets ⌀ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ⌀ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 circlip pliers straight, internal ⌀ 180 mm
- 1 circlip pliers bent, internal ⌀ 170 mm
- 1 circlip pliers straight, external ⌀ 175 mm
- 1 circlip pliers bent, external ⌀ 175 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Pozidriv®-Supadriv® screws ⚙ PZ0 - PZ1 - PZ2
- 7 drivers for Torx® head screws ⌀ T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 5 second cut files 200 mm

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
96T	T52
97TTX	T55
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1032	T145
1034	T145
1036	T145
1038	T145
1150	T138
1166	T138
1084	T138
1048N	T153
1052	T153
1260	T198
1269PZ	T198
1267TX	T205
35	T234
1370	T234
1390	T234
1719BMA8/S5	T236



T05 T06 T31



T52 T55 T80



T91 T145 T138 T153



T198 T205 T234 T236

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5904VU/3T 2.045,00 059041203

Assortment recommended in combination with RSC24 - RSC24A - C37 - C39  
RSC24L - RSC24L-CAB - C59 - C39T - C39SM - C39MD - RSC23T - RSC28 RSC55

## 5904VU/4T

assortment of 197 tools in ABS thermoformed trays

### ► Universal use

#### Quantity/Description

- 1 drift punches Ø 4 mm
- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet Ⓢ
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 Diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Slip joint pliers boxed joints 250 mm
- 7 screwdriver for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 7 screwdrivers for Torx® head screws, with handles ○ T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 7 ball head offset hexagon key wrenches burnished ○ 2,5-3-4-5-6-8-10 mm
- 1 offset hexagon key wrenches ○ 12 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 socket holder

Beta N.	TR
	30
	31
	32
867/C52	42
	90
920A	T01
	T40
	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1082	T156
1150	T156
1048	T156
1201E	T211
1202E	T213
1207E/TX	T216
35	T234
1370	T234
1390	T234
96BP	T259
96N	T259
860MIX/A31	T259
895/1	T259



T01

T83



T91

T156

T40

T211

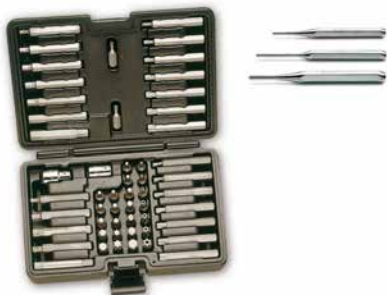


T213

T216

T234

T259



€



5904VU/4T

1.585,00 059241100

Assortment recommended in combination with items RSC23T - RSC24 - RSC24A - RSC24XL - RSC24L - RSC24L-CAB - C37 - C39 - C39T - C39SM - C39MD RSC55 - C59

## 5908VU/2T

assortment of 161 tools in ABS thermoformed trays

### ► Universal use

#### Quantity/Description



T05 T06 T31



T40 T52 T55 T91



T82 T138 T153



T145 T170 T171 T172



T173 T234 T236 VP4

Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	T05
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1 centre punch Ø 4 mm	32	T31
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9 offset hexagon key wrenches ⌀ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
6 offset hexagon key wrenches ⌀ 2-2,5-3-4-5-6 mm	96T	T52
6 drivers for Torx® head screws, with handles Ⓢ T10-T15-T20-T25-T27-T30	97TTX	T55
19 1/2" square drive hexagon sockets ⌀ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm	920A	T82
5 1/2" drive, socket drivers for hexagon screws ⌀ 5-6-8-10-12 mm	920ME	T82
1 1/2" wobble extension bar 125 mm	920AN/125	T82
1 1/2" wobble extension bar 250 mm	920AN/250	T82
1 1/2" drive universal joint	920/25	T82
1 1/2" drive sliding T-handle 305 mm	920/42	T82
1 1/2" drive reversible ratchet Ⓢ	920/55	T82
13 1/4" hexagon sockets ⌀ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	T91
6 1/4" socket drivers for hexagon screws ⌀ 2,5-3-4-5-6-8 mm	900ME	T91
1 1/4" drive extension bar 50 mm	900/20	T91
1 1/4" drive extension bar 150 mm	900/21	T91
1 1/4" drive universal joint	900/25	T91
1 1/4" drive spinner handle	900BG/30	T91
1 1/4" drive swivel T-handle 115 mm	900/42	T91
1 1/4" reversible ratchet Ⓢ	900/55	T91
1 Heavy-duty diagonal cutting nippers < 160 mm	1084	T138
1 half-round needle nose pliers = 180 mm	1150	T138
1 Extra-long needle nose pliers ● 160 mm	1166	T138
1 circlip pliers straight, internal ⊕ 180 mm	1032	T145
1 circlip pliers bent, internal ⊕ 170 mm	1034	T145
1 circlip pliers straight, external ● 175 mm	1036	T145
1 circlip pliers bent, external ● 175 mm	1038	T145
1 slip joint pliers 250 mm	1048N	T153
1 self - locking pliers 240 mm	1052	T153
7 screwdrivers for cross head Phillips® screws ● 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm	1290	T170
3 screwdrivers for cross head Phillips® screws ● 8x150-8x200-10x200 mm	1290	T171
2 screwdriver for slotted head screws, extra-short series ● 4x30-6,5x30 mm	1290N	T171
6 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm	1292	T172
2 screwdrivers for cross head Phillips® screws ⊕ PH3x150-PH4x200 mm	1292	T173
2 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH1x30-PH2x30 mm	1292N	T173
2 flat chisels, ribbed type 100-200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer Ø 35 mm	1390	T234
1 second-cut square files 200 mm	1719BMA...Q	T236
1 second-cut triangular files 200 mm	1719BMA...T	T236
1 second-cut flat files 200 mm	1719BMA...P	T236
1 second-cut half-round files 200 mm	1719BMA...M	T236
1 second-cut round files 200 mm	1719BMA...R	T236
1	VP4	

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5908VU/2T 2.325,00 059081136

Assortment recommended in combination with items RSC23T - RSC24, 6-7-8 drawers - RSC24A - RSC24XL - RSC24L - RSC24L-CAB - RSC28 - C37, 6-7-8 drawers - C39, 6-7-8 drawers - C39MD - C39SM - C59 - RSC55



## 5914VU/M

assortment of 109 tools for trolley C14, in EVA foam trays

### ► Universal use

#### Quantity/Description

- 31 bits with magnetic quick release bit holder in plastic case ① ② ③ ④ ⑤
- 1 socket holder
- 13 1/4" hexagon sockets ⑥ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⑦
- 16 1/2" square drive hexagon sockets ⑧ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⑨
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches ⑩
- 1 Adjustable wrench 250 mm
- 1 electrician's scissors, straight blades
- 1 measuring tape 5 mt
- 1 snap - off blade utility knife
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 Extra-long needle nose pliers 160 mm
- 3 screwdrivers for slotted head screws ⑪ 3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⑫ PH0x60-PH1x80-PH2x100 mm

Beta N.	TR
860MIX/A31	MCT1
895/1	MCT1
900	MCT1
900/...	MCT1
900/25	MCT1
900BG/30C	MCT1
900/42	MCT1
900/55	MCT1
920A	MCT1
920/25	MCT1
920AN/125	MCT1
920/42	MCT1
920/55	MCT1
42	MCT2
96/SC9	MCT2
111E	MCT2
1128BMX	MCT2
1692/5	MCT2
1771	MCT2
1048N	MCT3
1082BM	MCT3
1150BM	MCT3
1166BM	MCT3
1260	MCT3
1262	MCT3



MC T1



MC T2



MC T3

€



5914VU/M

1.118,00 059140112

Assortment recommended in combination with C14

## 5988U/7M

assortment of 215 tools in EVA foam trays

### ► Universal use



M01



M100



M213



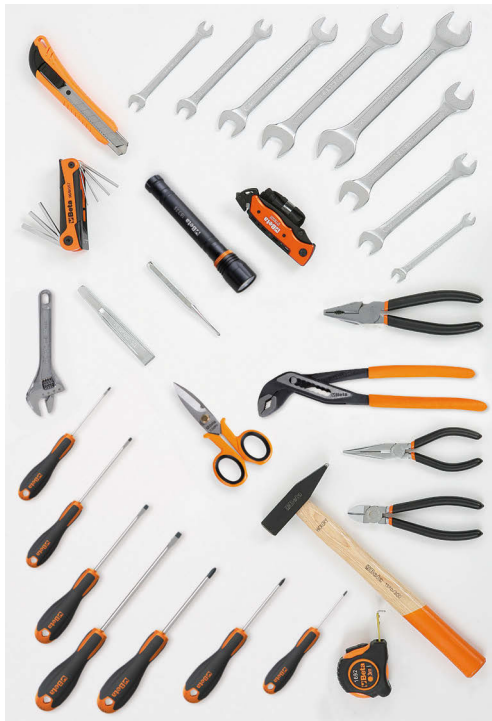
M33 M86 M136 M234

- | Quantity/Description  | Beta N.   | TR   |
|---|-----------|------|
| 22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm                            | 42        | M01  |
| 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm   | 55        | M33  |
| 9 offset hexagon key wrenches $\varnothing$ 1,5÷10 mm   | 96/SC9    | M33  |
| 7 hexagon bits $\varnothing$ 4-5-6-7-8-10-12 mm   | 867PE     | M86  |
| 7 hexagon bits $\varnothing$ 4-5-6-7-8-10-12 mm   | 867PEL    | M86  |
| 5 bits with XZN® profile $\varnothing$ 5-6-8-10-12 mm   | 867XZN    | M86  |
| 5 bits with XZN® profile $\varnothing$ 5-6-8-10-12 mm   | 867XZNL   | M86  |
| 7 bits for Torx® head screws $\odot$ T20-T25-T30-T40-T45-T50-T55  | 867TX     | M86  |
| 6 bits for Torx® head screws $\odot$ T25-T30-T40-T45-T50-T55  | 867TXL    | M86  |
| 7 bits for Tamper Resistant Torx® head screws $\oplus$ T20-T25-T30-T40-T45-T50-T55                                  | 867RTX    | M86  |
| 1 bit holder sockets for item 867   | 867/1     | M86  |
| 1 bit holder sockets for item 867   | 867/2     | M86  |
| 1 socket holder   | 895/1     | M100 |
| 1 socket holder   | 895/3     | M100 |
| 1 socket holder   | 895/6     | M100 |
| 13 1/4" hexagon sockets $\varnothing$ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm   | 900       | M100 |
| 9 hexagon hand sockets, long series $\varnothing$ 5-6-7-8-9-10-11-12-13 mm  | 900L      | M100 |
| 5 1/4" socket drivers for hexagon screws $\odot$ 3-4-5-6-7 mm   | 900ME     | M100 |
| 4 socket drivers for slotted head screws $\bullet$ 0,8x4-1x5,5-1,2x6,5-1,2x8 mm                                     | 900LP     | M100 |
| 4 socket drivers for cross head Phillips® screws $\oplus$ PH1-PH2-PH3-PH4   | 900PH     | M100 |
| 7 socket drivers for Torx® head screws $\odot$ T10-T15-T20-T25-T27-T30-T40  | 900TX     | M100 |
| 1 1/4" drive extension bar 50 mm  | 900/20    | M100 |
| 1 1/4" drive extension bar 100 mm   | 900/20L   | M100 |
| 1 1/4" drive extension bar 150 mm   | 900/21    | M100 |
| 1 1/4" drive universal joint  | 900/25    | M100 |
| 1 1/4" drive spinner handle   | 900BG/30  | M100 |
| 1 1/4" drive swivel T-handle  | 900/42    | M100 |
| 1 1/4" reversible ratchet $\oplus$  | 900/55    | M100 |
| 21 1/2" square drive hexagon sockets $\varnothing$ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm | 920A      | M100 |
| 1 adaptor, 1/2" female and 3/8" male drives   | 920/15    | M100 |
| 1 1/2" drive universal joint  | 920/25    | M100 |
| 1 1/2" wobble extension bar 125 mm  | 920AN/125 | M100 |
| 1 1/2" wobble extension bar 250 mm  | 920AN/250 | M100 |
| 1 1/2" drive sliding T-handle   | 920/42    | M100 |
| 1 1/2" drive reversible ratchet $\oplus$  | 920/55    | M100 |
| 8 1/2" sockets for Torx® head screws $\odot$ 10-12-14-16-18-20-22-24 mm   | 920FTX    | M100 |
| 11 hexagon hand sockets $\varnothing$ 10-12-13-14-15-16-17-18-19-21-22  | 920AL     | M100 |
| 1 Heavy-duty diagonal cutting nippers $\angle$ 160 mm   | 1084BM    | M136 |
| 1 half-round needle nose pliers $\equiv$ 180 mm   | 1150BM    | M136 |
| 1 Extra-long needle nose pliers $\bullet$ 160 mm  | 1166BM    | M136 |
| 6 screwdriver for slotted head screws $\bullet$ 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm                          | 1201E     | M213 |
| 1 screwdriver for slotted head screws, extra-short series $\bullet$ 4x30 mm   | 1201EN    | M213 |
| 4 screwdriver for cross head Phillips® screws $\oplus$ PH0x60-PH1x80-PH2x100-PH3x150 mm                             | 1202E     | M213 |
| 1 screwdriver for cross head Phillips® screws, extra-short series $\oplus$ PH1X30 mm                                | 1202EN    | M213 |
| 12 screwdrivers for Torx® head screws, with handles $\odot$ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45             | 1207E/TX  | M213 |
| 1 mains testing screwdriver $\bullet$   | 1253      | M213 |
| 2 flat chisels, ribbed type 100-200 mm  | 35        | M234 |
| 1 engineer's hammer 300 g   | 1370      | M234 |
| 1 soft face hammer $\varnothing$ 35 mm  | 1390      | M234 |

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5988U/7M 2.355,00 059881019

Assortment recommended in combination with items RSC23T - RSC24 - RSC24A - RSC24XL - RSC24L - RSC24L-CAB - RSC28 - C37 - C39 - C39SM - C39MD RSC55 - C59



## 5915VU/0

Assortment of 35 tools

### ► Universal use

#### Quantity/Description

- 1 centre punch 4 mm
- 1 flat chisels, ribbed type 125 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 7 Offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6 mm
- 1 Adjustable wrench 150 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish  $\ddagger$  160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75-4x100-5,5x100-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 snap - off blade utility knife 18 mm
- 1 car service knife
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens

#### Beta N.

- 32
- 35
- 55
- 96/BGS7
- 111E
- 1048N
- 1082G
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1692/3
- 1771
- 1778SOS
- 1833S

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5915VU/0 416,00 059151021

Assortment recommended in combination with C4 - C5 - C5S - C6T



## 5915VU/1

Assortment of 45 tools

### ► Universal use

#### Quantity/Description

- 2 drift punches  $\varnothing$  2-3 mm
- 1 centre punch  $\varnothing$  4 mm
- 2 flat chisels 125-150 mm
- 1 cape chisels, standard type 150 mm
- 14 combination wrenches 6+14 - 17 - 19 - 21 - 22 - 24 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish  $\ddagger$  160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 snap - off blade utility knife

#### Beta N.

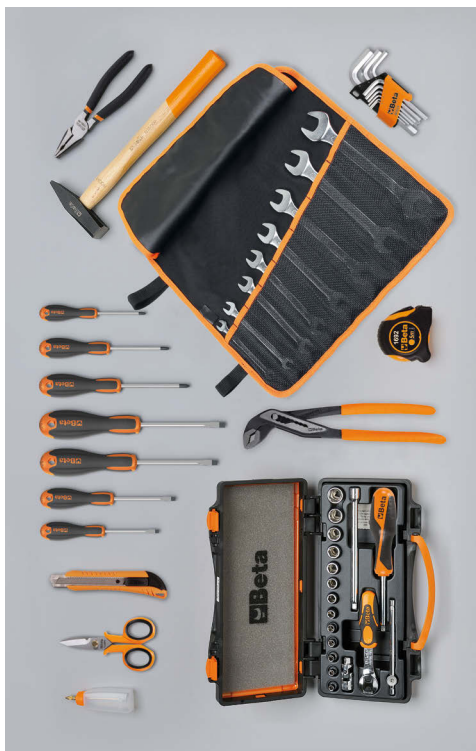
- 30
- 32
- 34
- 36
- 42
- 96/SC9
- 111E
- 1048N
- 1082G
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1692
- 1771

€

5915VU/1 504,00 059151024

Assortment recommended in combination with C8 - C9 - C10 - C10S - C11 - CP15 - CP15L - C16 - CP17 - CP17L - C18





## 5915VU/2

Assortment of 49 tools

### ► Universal use

#### Quantity/Description

- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15  
16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 13 1/4" hexagon sockets  $\odot$  4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet  $\otimes$
- 1 slip joint pliers 250 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\equiv$  180 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife 18 mm

Beta N.
55/B8N
96/SC9
900
900/21
900/25
900BG/30
900/42
900/55
1048N
1128BMX
1150G
1201E
1202E
1370
1692
1755
1771

5915VU/2

€ 439,00 059151027

Assortment recommended in combination with C7 - CP15 - C20 - C20L



## 5915VU/3

assortment of 74 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches  $\varnothing$  4 mm
- 1 centre punch  $\varnothing$  4 mm
- 1 flat chisels 150 mm
- 14 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 3 offset hexagon key wrenches  $\odot$  4 - 5 - 6 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets  $\odot$  8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\otimes$
- 8 double ended hexagon tubular socket wrenches, light series  
6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 2 tommy bars for tubular wrenches
- 1 Slip joint pliers, boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\equiv$  160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.
31
32
34
42
96/SC9
96T
111E
920A
920/21
920/22
920/25
920/42
920/55
935
940
1048VN
1052
1084G
1128BMX
1150G
1166G
1201E
1202E
1370
1692
1726
1755
1771

5915VU/3

€ 933,00 059151028

Assortment recommended in combination with C7 - C9 - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L



## 5915VU/4

Assortment of 80 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches ○ 1,5+10 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets ○ 8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 17 double ended hexagon/bi - hex offset socket wrenches 6+22 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 riveting hammer 32 mm
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

#### Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 111E
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 932/S17
- 1048N
- 1052
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1201E
- 1202E
- 1370F
- 1692
- 1726
- 1755
- 1771

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5915VU/4 1.210,00 059151045

Assortment recommended in combination with C20 - C20L



## 5915VU/5

assortment of 111 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 17 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 ball head offset hexagon key wrenches ○
- 1 Adjustable wrench 250 mm
- 39 11 hexagon sockets, 20 bits and 8 accessories
- 13 11 sockets and 2 accessories
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⚡ 160 mm
- 1 construction worker's pincers 220 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ● 160 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 3 m
- 1 second cut files
- 1 hacksaw frame, aluminium handle 440 mm
- 1 snap - off blade utility knife 18 mm
- 1 LED inspection torch, made of sturdy anodized aluminium

#### Beta N.

- 31
- 32
- 34
- 42
- 55/S8
- 96BPC/SC9
- 111E
- 900/C11
- 920A/C11
- 1048N
- 1052
- 1082G
- 1098
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1390
- 1692/3
- 1719BMA8/M
- 1726
- 1771BM
- 1833XS/2

€

5915VU/5 1.186,00 059151046

Assortment recommended in combination with C12 - C41S - C41H - C42S - C42H



## 5915VU/AS

assortment of 68 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 13 combination wrenches 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 8 double ended offset ring wrenches 1/4"+1"
- 9 offset hexagon key wrenches, burnished ○ 3/64"+3/8"
- 1 Adjustable wrench 250 mm
- 11 1/2" square drive bi - hex sockets ○ 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish † 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish = 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

Beta N.
31
32
34
42AS
90AS/8
96AS/SC9
111E
920AS
920/21
920/22
920/25
920/42
920/55
1048N
1052
1084GBM
1128BMX
1150GBM
1166GBM
1201E
1202E
1370
1692
1726
1755
1771

€ 

5915VU/AS 1.025,00 059151032

Assortment recommended in combination with C10 - C20 - C20L

## 5927VU/M

assortment of 108 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 9 offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 3 screwdriver for slotted head screws ● 3,5x100-5,5x150-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x3x60-PH1x4,5x80-PH2x6x100 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers 250 mm
- 1 engineer's hammer 300 mm
- 1 centre punch 4 mm
- 1 cape chisels, standard type 4 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 16 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/4" drive swivel T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 socket holder

Beta N.	TR
42	MC10
1084BM	MC10
96SC9	MC10
1150BM	MC10
1166BM	MC10
1201E	MC10
1202E	MC10
860MIX/A31	MC20
1048N	MC20
1370	MC20
32	MC20
36	MC20
900	MC20
900/21	MC20
900/25	MC20
900BG/30C	MC20
900/42	MC20
900/55	MC20
920A	MC20
920/25	MC20
920AN/125	MC20
900/42	MC20
920/55	MC20
895/1	MC20

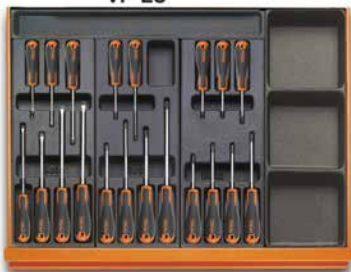
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5927VU/M 1.010,00 059271021

Assortment recommended in combination with RSC22 - C27S - RSC23 - RSC23C



VP-LS



T211 T213 T216 VP3-SC  
VP-LS



T145 T153 T137 VP3-SC  
VP-LD



T85



T234 T289



T80 T239 VP3-SC  
VP-LS



T01 T33 VP3-SC  
VP-LD



T68 T236



T50

5938U/2T

assortment of 210 tools in ABS thermoformed trays

► Universal use

Quantity/Description

- 7 screwdriver for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125  
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdriver for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-  
PH3x150 mm
- 7 screwdrivers  
for Torx® head screws, with handles ⊙ T6-T7-T8-T9-T10-T15-T20
- 1 circlip pliers straight, internal ⊖ 180 mm
- 1 circlip pliers bent, internal ⊖ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ✂ 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 reversible ratcheting wrench for bits 1/4x5/16
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" reversible ratchet ⊗ 125 mm
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" drive spinner handle 176 mm
- 1 1/4" drive universal joint 41 mm
- 1 1/4" drive extension bar 150 mm
- 1 magnetic bit holder with handle 230 mm
- 5 bits for Spanner screws ⊕ 4-6-8-10-12 mm
- 8 bits for Torq-Set® head screws ⊕ 0-1-2-3-4-5-6-8 mm
- 6 bits for Tri-Wing® head screws ● 1-2-3-4-5-6 mm
- 8 bits for Tamper Resistant Torx® head screws ⊕ T9-T10-T15-T20-T25-T27-T30-T40
- 11 bits for Torx® head screws ⊙ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 3 bits for cross head Pozidriv®-Supadriv® screws ⊕ PZ1 - PZ2 - PZ3
- 4 bits for cross head Phillips® screws ⊕ PH0 - PH1 - PH2 - PH3
- 8 hexagon bits for power drivers ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 bits for slotted head screws ● 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 plastic oil bottle
- 1 snap - off blade utility knife
- 19 1/2" square drive hexagon sockets  
○ 10 - 11 - 12+19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 1 centre punch Ø 4 mm
- 6 pin punches with handles 2-3-4-5-6-8 mm
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 11 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 mm
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty
- 4 thermoformed trays, empty

Beta N.	TR
1201E	T211
1202E	T213
1207E/TX	T216
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1084BM	T137
1150BM	T137
1166BM	T137
194	T85
900	T85
900/55	T85
900/42	T85
900BG/30	T85
900/25	T85
900/21	T85
851SR	T85
861SP	T85
861TQS	T85
861TRW	T85
861RTX	T85
861TX	T85
861PZ	T85
861PH	T85
861PE	T85
861LP	T85
35	T234
1370	T234
1390	T234
1692	T289
1725CR	T289
1755	T289
1771	T289
920A	T80
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
32	T239
31BM	T239
42	T01
55	T33
96/SC9	T33
951	T68
1719BMA8/S5	T236
96T	T50
VP-3SC	VP-3SC
VP-LS	VP-LS
VP-LD	VP-LD

€ 2.470,00 059381062

5938U/2T

Assortment recommended in combination with C38



## 5957U-P

assortment of 133 tools

### ► Universal use

Quantity/Description	Beta N.
6 pin punches 2 ÷ 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17 combination wrenches 6÷22 - 24 - 27 - 30 - 32 mm	42/S17X
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
8 offset key wrenches, for Torx® head screws ⚙ T9 ÷ T40	97TX/SC8
1 Adjustable wrench 250 mm	111E
13 1/2" square drive hexagon sockets with rail ⌀ 10 ÷ 22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail ⌀ 23 ÷ 32 mm	920A/SB8
7 socket drivers for cross head Phillips® screws ●	920LH/SB7
⊕ 1,2x65 - 1,2x8 - 1,6x9 - 2x12mm - PH1-PH2-PH3	
1 circlip pliers straight, internal ⌀ 180 mm	1032
1 circlip pliers bent, internal ⌀ 170 mm	1034
1 circlip pliers straight, external ● 175 mm	1036
1 circlip pliers bent, external ● 175 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
8 set of screwdrivers 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - PH0 - PH1 - PH2	1263/D8
2 engineer's hammer 300 - 600 g	1370
1 soft face hammer 35	1390
1 measuring tape 5 m	1692/5
1 flexible magnetic pick-up tool	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 Metal pressure oil can 200 cc	1751N
1 snap - off blade utility knife	1771BM
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 250 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⚙	920/55
1 pry bar	963
1 Diagonal cutting nippers ⚡ 160 mm	1082BM
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 half-round needle nose pliers = 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 160 mm	1168BM
2 screwdrivers for slotted head screws ● 8x200 - 10x200 mm	1260
1 screwdrivers for cross head Phillips® screws ⊕ PH3 8x150mm	1262
1 sliding gauge	1650
1 hacksaw frame, aluminium handle 420 mm	1725

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5957U-P 2.590,00 059571004

Assortment recommended in combination with C57S A - C57S B - C57SP - C55PS - C55PSE - RSC55



## 5958U

Assortment of 85 tools

### ► Universal use

Quantity/Description	Beta N.
17 combination wrenches 6+22 mm	42
12 offset hexagon key wrenches $\odot$ 2+10 mm	96N/SC12
13 1/2" square drive hexagon sockets with rail $\odot$ 10+22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail $\odot$ 23+32 mm	920A/SB8
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet $\odot$	920/55
1 circlip pliers straight, internal $\odot$ 180 mm	1032
1 circlip pliers straight, external $\bullet$ 175 mm	1036
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers $\nabla$ 160 mm	1084BM
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers $\equiv$ 180 mm	1150BM
1 Extra-long needle nose pliers $\bullet$ 160 mm	1166BM
7 screwdrivers for slotted head screws $\bullet$ 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262/S4
1 engineer's hammer 300 g	1370
1 soft face hammer $\varnothing$ 35 mm	1390
1 measuring tape 5 m	1692
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725
1 plastic oil can 150 cc	1754
1 snap - off blade utility knife	1771

€ 

5958U 1.305,00 059581008

Assortment recommended in combination with C58P - C45PRO RSC55





## 5990V1

assortment of 44 tools for tool case COMBO C99V1, in EVA foam tray

### ► Universal use

#### Quantity/Description

- 9 ball head offset hexagon key wrenches ○
- 1 snap - off blade utility knife 18 mm
- 1 slip joint pliers 250 mm
- 6 set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester
- 3 screwdrivers for slotted head screws ● 3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH2x100 mm
- 1 electrician's scissors, straight blades
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 1 measuring tape 5 mt
- 1 engineer's hammer 300 g
- 1 diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm

#### Beta N.

- 96BPC/SC9 1771
- 1048N 1048N
- 38/B6N 38/B6N
- 1260 1260
- 1262 1262
- 1128BMX 1128BMX
- 42 42
- 1692/5 1692/5
- 1370 1370
- 1082GBM 1082GBM
- 1150GBM 1150GBM

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5990V1 606,00 059900001

Assortment recommended in combination with C99V1



## 5990V3

assortment of 116 tools for tool case COMBO C99V3/2C, in EVA foam tray

### ► Car repairs

#### Quantity/Description

- 5 offset hexagon key wrenches
- 1 Adjustable wrench 250 mm
- 1 1/4" drive spinner handle
- 1 mains testing screwdriver ●
- 1 Pocket spirit level with magnetic V-shaped base
- 1 LED inspection torch,
- made of sturdy anodized aluminium
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 socket holder
- 12 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive swivel T-handle
- 1 1/4" drive reversible ratchet, 72 tooth mechanism ⊕
- 38 microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension
- 1 soft face hammer Ø 35mm
- 1 1/4" drive universal joint
- 13 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕

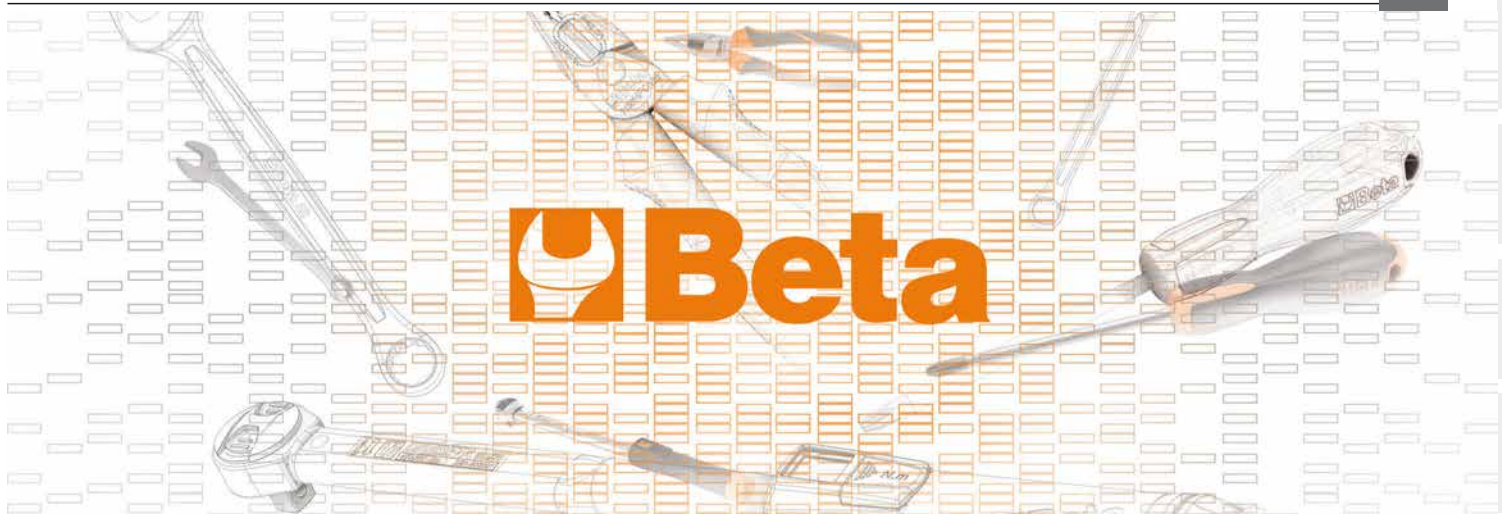
#### Beta N.

- 96T/S5P 96T/S5P
- 111E 111E
- 900BG/30 900BG/30
- 1253 1253
- 1695XS 1695XS
- 1833XS/2 1833XS/2
- 860MIX/A31 860MIX/A31
- 895 895
- 900 900
- 900/20 900/20
- 900/20L 900/20L
- 900/42 900/42
- 900/55Z 900/55Z
- 1256/C36-2 1256/C36-2
- 1390 1390
- 900/25 900/25
- 920A 920A
- 920/21 920/21
- 920/22 920/22
- 920/25 920/25
- 920/42 920/42
- 920/55 920/55

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5990V3 871,00 059900003

Assortment recommended in combination with C99V3/2C





## 5980U/BIKE

assortment of 90 tools

### ► Bicycle repairs

Quantity/Description	Beta N.
5 combination wrenches 8-9-10-13-14 mm	42
9 ball head offset hexagon key wrenches burnished	96BP/SC9
○ 1,5-2-2,5-3-4-5-6-8-10 mm	
8 offset hexagon key wrenches 2-2,5-3-4-5-6-8-10 mm	96T/S8
8 drivers for Torx® head screws, with handles	97TTX/S8
⊙ T8-T10-T15-T20-T25-T27-T30-T40	
1 Wide opening adjustable wrenches, chrome-plated, short series 170 mm	111CM
1 pipe cutter for copper and light alloy pipes	334
1 click-type torque wrenches with reversible ratchets 2+10 Nm	605E
13 ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900/SB13
1 1/4" drive extension bar	900/21
1 1/4" drive universal joint	900/25
1 1/4" reversible ratchet ⊕	900/55
1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish ⚡ 160 mm	1082G
1 electrician's scissors, straight blades 145 mm	1128BM
1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish ≡ 180 mm	1150G
1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish ● 180 mm	1166G
7 3x75-4x125-5,5x150-6,5x150-PH0x60-PH1x80-PH2x100 mm	1203E/D
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 sliding gauge 150 mm	1650
1 measuring tape 3 m	1692/3
1 second-cut flat files 200 mm	1719BMA...P
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle 300 mm	1725
1 snap - off blade utility knife	1771
1 chain wear indicator 120 mm	3935
1 missing link pliers 170 mm	3937
7 set of 7 simple cone wrenches 13-14-15-16-17-18-19 mm	3952/S7
1 pedal wrench 15 mm	3953
1 spoke wrench, black, 3.2 mm □	3961 3,2
1 spoke wrench, green, 3.3 mm □	3961 3,3
1 spoke wrench, red, 3.5 mm □ 3	3961 3,5
1 professional spoke wrench, 3.2 - 4.0 mm □ 3,2 - 4,0 mm	3961U
1 sprocket removal wrench with chain whip 289 mm	3967
1 tyre lever 200 mm	3969
3 kit with 3 tyre levers, made of plastic 113 mm	3969K3
1 lever for pushing back disc brake pads 222 mm	3991
1 disc brake straightener 234 mm	3992

€ 

5980U/BIKE 1.560,00 059801040

Assortment recommended in combination with C16 - CP17 - CP17L - C20L



## 5988H/7M

assortment of 333 tools in EVA foam trays

### ► Car repairs

#### Quantity/Description

- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 7 1/2" sockets for Torx® head screws ⊕ E12-E14-E16-E18-E20-E22-E24
- 10 socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 13 1/2" drive, socket drivers for Torx® head screws ⊕ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 17 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 2 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x1516x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder ○ 1/4-□1/4
- 1 socket holder ○ 1/4-□3/8
- 1 socket holder ○ 5/16-□1/2
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,51,2x8 mm
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for cross head Phillips® screws ⊕ PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ⊕ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □1/4-■3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 1 1/4" drive spinner handle
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drives □3/8-■1/4
- 1 adaptor, 1/2" female and 3/8" male drives □3/8-■1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊕
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-4-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 2 1/2" wobble extension bar 125-250 mm
- 1 adaptor, 1/2" female and 3/8" male drives □1/2-■3/8
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 3 3/8" square drive spark plug sockets ○ 16-17,8-20,8 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers ⚡ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long flat knurled nose pliers = 160 mm
- 5 screwdrivers for cross head Phillips® screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH1-PH2-PH3
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH2
- 4 drivers for Torx® head screws, with handles ○ T20-T25-T27-T30
- 6 pin punches 2-3-4-5-6-8 mm
- 1 centre punch 4 mm
- 3 flat chisels 125-150-75 mm
- 1 cape chisels, standard type 125 mm
- 2 engineer's hammer 500-1000 g
- 1 telescopic magnet with flexible head
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 smooth half - round long needle nose pliers ● 140 mm
- 1 diagonal cutting nippers ⚡ 125 mm
- 4 micro-screwdrivers for slotted head screws ● 2,0-2,5-3,0-3,5 mm
- 2 micro-screwdrivers for cross-head Phillips® screws ⊕ 0-00
- 9 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30-T40-T45-T50
- 1 self - locking pliers 240 mm
- 1 adjustable self locking pliers, long jaws 175 mm
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 sliding gauge
- 1 metric feeler gauge
- 1 packing scraper
- 7 double swivel end socket wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 1/2" drive swivel handle
- 1 pry bar with handle 450 mm
- 1 telescopic joint inspection mirror 670 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 Steel wire brush

Beta N.	TR
910AL	M125
920AL	M125
920FTX	M125
920PE	M125
920TX	M125
920XZN	M125
42	M25
90	M25
123Q1/4	M25
123Q3/8	M25
123Q1/2	M25
142	M25
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900	M105
900L	M105
900LP	M105
900ME	M105
900PH	M105
900TX	M105
900/16	M105
900/...	M105
900/25	M105
900/42	M105
900/55	M105
900B/30	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/55	M105
920A	M105
920AN	M105
920/15	M105
920/25	M105
920/42	M105
920/55	M105
956E	M105
860MX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166
31	M231
32	M231
34	M231
36	M231
1370	M231
1712TF	M231
1390	M231
1692	M125
1032	M62
1034	M62
1036	M62
1038	M62
1177BM	M62
1188BM	M62
1257LP	M62
1257PH	M62
977TX	M62
1052	M78
1058	M78
1481PL/A	M78
1481PL/B	M78
1481PL/C	M78
1650	M78
1708/20	M78
1716P	M78
80	M78
920/36A	M78
965	M78
1715	M231
1719BMA8/M	M231
1719BMA8/P	M231
1719BMA8/Q	M231
1719BMA8/R	M231
1719BMA8/T	M231
1737NX	M231



M125



M25



M105



M166



M231



M62



M78

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5988H/7M 5.340,00 059881087

Assortment recommended in combination with RSC24/8 - RSC24A/8 - RSC24XL - C37/8 - C39/8 - RSC28 - C59B - C55C8 - C55M8





**M105**



**M125**



**M25**



**M166**

## 5988L/4M

assortment of 273 tools in EVA foam trays

### ► Car repairs

#### Quantity/Description

- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,5-2x8 mm
- 4 socket drivers for cross head Phillips® screws ● PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ● T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet Ⓢ
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/2" male drives □ 3/8 - ■ 1/2
- 1 adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet Ⓢ
- 17 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8
- 1 3/8" drive universal joint
- 2 1/2" wobble extension bar 125 - 250 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 3 3/8" square drive spark plug sockets ○ 16-17-8-20,8 mm
- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 10 socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 7 1/2" sockets for Torx® head screws ● E12-E14-E16-E18-E20-E22-E24
- 13 1/2" drive, socket drivers for Torx® head screws ● T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 1 measuring tape 5 m
- 18 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊗ ⊙ ⊚
- 1 slip joint pliers 250 mm
- 1 Diagonal cutting nippers ≡ 160 mm
- 1 half-round needle nose pliers ≡ 180 mm
- 1 Extra-long flat knurled nose pliers ≡ 160 mm
- 5 screwdrivers for cross head Phillips® screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ● 4,5x80-6x100-8x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series ● 6x30 mm
- 4 drivers for Torx® head screws, with handles ● T20-T25-T27-T30

Beta N.	TR
900	M105
900L	M105
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900ME	M105
900LP	M105
900PH	M105
900TX	M105
900/16	M105
900/...	M105
900/25	M105
900BG/30	M105
900/42	M105
900/55	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/55	M105
920A	M105
920/15	M105
910/25	M105
920AN	M105
920/42	M105
920/55	M105
920/55	M105
956E	M105
910AL	M125
920PE	M125
920FTX	M125
920TX	M125
920XZN	M125
920AL	M125
1692/5	M125
42	M25
90	M25
123Q/14	M25
123Q/8	M25
123Q/12	M25
142	M25
860MX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166

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5988L/4M 3.780,00 059881088

Assortment recommended in combination with items RSC24 - RSC24A - RSC24XL - RSC24L - RSC24L-CAB - C37 - C39 - C39T - C39SM - C39MD RSC55 - C59

## 5988U6/M

assortment of 214 tools in EVA foam trays

### ► Universal use



M01



M30



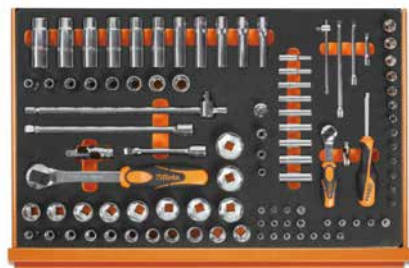
M213



M230



M129



M100

#### Quantity/Description

- 22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm
- 11 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17  
18x19-20x22-21x23-24x27-30x32 mm
- 11 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-  
24x27-30x32 mm
- 9 ball head offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6-8-10 mm
- 6 screwdriver for slotted head screws  $\bullet$  2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1 screwdriver for slotted head screws,  
extra-short series  $\bullet$  4x30 mm
- 4 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1 screwdriver for cross head Phillips®  
screws, extra-short series  $\oplus$  PH1x30 mm
- 12 screwdrivers  
for Torx® head screws, with handles  $\odot$  T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45  
mains testing screwdriver  $\bullet$
- 1 drift punches  $\emptyset$  2-3-4 mm
- 6 pin punches  $\emptyset$  2-3-4-5-6-8 mm
- 1 centre punch  $\emptyset$  4 mm
- 1 flat chisels 150 mm
- 2 flat chisels, ribbed type 200-250 mm
- 1 cape chisels, standard type 125 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer  $\emptyset$  35 mm
- 1 measuring tape 3 m
- 1 telescopic magnet with flexible head
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 Steel wire brush
- 1 snap - off blade utility knife 18 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Diagonal cutting nippers  $\nabla$  160 mm
- 1 construction worker's pincers 220 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 Extra-long bent needle nose pliers  $\bullet$  160 mm
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 13 1/4" hexagon sockets  $\odot$  4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series  $\odot$  5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws  $\odot$  3-4-5-6-7 mm
- 4 socket drivers for slotted head screws  $\bullet$  0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- 4 socket drivers for cross head Phillips® screws  $\oplus$  PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws  $\odot$  T10-T15-T20-T25-T27-T30-T40
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet  $\oplus$
- 21 1/2" square drive hexagon sockets  $\odot$  8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-  
27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives 125 mm
- 1 1/2" drive universal joint 250 mm
- 1 1/2" wobble extension bar
- 1 1/2" wobble extension bar
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 8 1/2" sockets for Torx® head screws  $\odot$  10-12-14-16-18-20-22-24 mm
- 11 hexagon hand sockets  $\odot$  10-12-13-14-15-16-17-18-19-21-22 mm

Beta N.	TR
42	M01
55	M30
90	M30
96BPC/SC9	M30
1201E	M213
1201EN	M213
1202E	M213
1202EN	M213
1207E/TX	M213
1253	M213
30	M230
31	M230
32	M230
34	M230
35	M230
36	M230
1370	M230
1390	M230
1692	M230
1712TF	M230
1719BMA...Q	M230
1719BMA...T	M230
1719BMA...P	M230
1719BMA...M	M230
1719BMA...R	M230
1737NX	M230
1771	M230
1032	M129
1034	M129
1036	M129
1038	M129
1048N	M129
1052	M129
1082BM	M129
1098	M129
1112	M129
1128BM	M129
1150BM	M129
1166BM	M129
1168BM	M129
895/1	M100
895/3	M100
895/6	M100
900	M100
900L	M100
900ME	M100
900LP	M100
900PH	M100
900TX	M100
900/20	M100
900/20L	M100
900/21	M100
900/25	M100
900BG/30	M100
900/42	M100
900/55	M100
920A	M100
920/15	M100
920/25	M100
920AN/125	M100
920AN/250	M100
920/42	M100
920/55	M100
920FTX	M100
920AL	M100

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5988U6/M 3.170,00 059881430

Assortment recommended in combination with RSC24 with 8 drawers - RSC24/A with 8 drawers - C37 with 8 drawers - C39 with 8 drawers RSC24XL - RSC28 - C39SM - C39MO - C59B - RSC55

## 5935ET/1MB

assortment of 96 tools for tool chest C35, in EVA foam trays

### ► Electrotechnical maintenance

#### Quantity/Description

- 1 self - locking pliers 240 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 35 mm
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 flat chisels, ribbed type 200 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 9 ball head offset hexagon key wrenches  $\odot$
- 1 screwholding screwdriver for slotted head screws  $\bullet$
- 1 screwholding screwdriver for cross head Phillips® screws  $\oplus$
- 1 mains testing screwdriver  $\bullet$
- 6 hexagon nut spinners with handles  $\odot$  5,5-6-7-8-10-13 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V
- $\oplus$  PH0x60-PH1x80-PH2x100-PH3x150 mm
- 6 screwdrivers for headless slotted screws, 1000V
- $\bullet$  2,5x75-3x100-4x100-5,5x125-6x150-8x175 mm
- 31 bits with magnetic quick release bit holder in plastic case  $\bullet$   $\odot$   $\oplus$   $\oplus$   $\oplus$
- 1 magnetic bit holder, insulated  $\text{Ⓜ}$
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nabla$  140 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 230 mm
- 1 wire stripping pliers  $\nabla$  160 mm
- 1 combination pliers 1000V  $\equiv$  180 mm
- 1 extra long needle nose pliers, 1000V,  $\bullet$  160 mm
- 1 extra long bent needle nose pliers  $\bullet$  160 mm
- 1 adjustable wrench, 1000V 250 mm
- 1 utility knife, 1000V
- 1 bent knurled point spring tweezers, 1000V
- 1 crimping pliers for insulated terminals

Beta N.	TR
1052	MB65
1370	MB65
1390	MB65
1719BMA...Q	MB65
1719BMA...P	MB65
1719BMA...T	MB65
1719BMA...M	MB65
1719BMA...R	MB65
35	MB65
1032	MB65
1034	MB65
1036	MB65
1038	MB65
1084BM	MB65
1150BM	MB65
1166BM	MB65
96BPC/SC9	MB63
1250	MB63
1251	MB63
1253	MB63
943MQ	MB63
1272MQ	MB63
1274MQ	MB63
860MIX/A31	MB63
850MQ	MB63
55	MB64
1048MQ	MB64
1082MQ	MB64
1128BSX	MB64
1132MQ	MB64
1142MQ	MB64
1150MQ	MB64
1166MQ	MB64
1168MQ	MB64
110MQ	MB64
1777MQ	MB64
993MQ	MB64
1602	MB64



MB65



MB64



MB63

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5935ET/1MB

1.850,00 059351332

Assortment recommended in combination with C35



## 5980ET/A

assortment of 70 tools

### ► Electrotechnical maintenance

Quantity/Description	Beta N.
1 centre punch Ø 4 mm	32
1 flat chisels, ribbed type 150 mm	35
8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8N
8 offset hexagon key wrenches, long series ○ 2+10 mm	96LC/SC8
1 Adjustable wrench 200 mm	111E
1 magnetic bit holder, insulated	850MQ
10 bits with magnetic bit holder in plastic case	860MIX/A10
1 slip joint pliers, boxed joint 250 mm	1048MQ
1 Diagonal cutting nippers 160 mm	1082BM
1 electrician's scissors, straight blades, with countersink	1128BSX
1 cable cutter 170 mm	1132BM
1 half-round needle nose pliers 180 mm	1150BM
1 Extra-long needle nose pliers 160 mm	1166BM
1 Extra-long bent needle nose pliers 160 mm	1168BM
1 screwholding screwdriver for slotted head screws 4x125 mm	1250
1 screwholding screwdriver for cross head Phillips® screws	1251
⊕ PH1x125 mm	
1 mains testing screwdriver	1253
5 screwdriver for slotted head screws 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm	1201E
1 screwdriver for slotted head screws, extra-short series 4x30 mm	1201EN
4 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x120 - PH2x150 - PH3x150 mm	1202E
1 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH2x30 mm	1202EN
4 screwdrivers for cross head Phillips® screws, 1000V ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5 screwdrivers for headless slotted screws, 1000V 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm	1274MQ
1 flat chisel with side cutter	1343
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 crimping pliers for insulated terminals	1602
1 PVC electrical tape 25 m	BMESB1925NE
1 measuring tape 5 m	1692
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle	1725
1 fold - away knife	1777BM



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5980ET/A 968,00 059801083

Assortment recommended in combination with C12 - 2028VV - 2032TV - 2032VV

## 5980ET/B

assortment of 64 tools

### ► Electrotechnical maintenance

#### Quantity/Description

- 3 pin punches Ø 2 - 3 - 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 ball head offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 deburrer 150 mm
- 6 hexagon nut spinners with handles 1000V  $\odot$  5,5 - 6 - 7 - 8 - 10 - 13 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nless$  160 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 230 mm
- 1 wire stripping pliers  $\nless$  160 mm
- 1 combination pliers 1000V  $\nless$  180 mm
- 1 extra long needle nose pliers, 1000V,  $\bullet$  160 mm
- 1 mains testing screwdriver  $\bullet$
- 3 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 4 screwdrivers for headless slotted screws, 1000V  $\bullet$  3x100 - 4x100 - 5,5x125 - 6,5x150 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 crimping pliers for insulated terminals
- 1 flexible graduated rule 250 mm
- 1 engineer's scriber 250 mm
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 electrician's chisel 10x200 mm
- 1 chalk line reel
- 1 square flexible inspection mirror 600 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 spring puller
- 1 hacksaw frame, aluminium handle
- 1 bristle brush
- 1 fitting tool for nylon ties
- 1 plastic oil bottle 80 cc
- 100 nylon cable ties, black UV resistant 3,6x200 mm
- 100 nylon cable ties, black UV resistant 4,8x300 mm
- 1 snap - off blade utility knife
- 1 soldering iron 30 W
- 1 LED inspection torch, made of sturdy anodized aluminium

#### Beta N.

- 31
- 32
- 34
- 55/B8N
- 96BPC/SC9
- 345SB
- 943MQ/S6
- 1048MQ
- 1082MQ
- 1128BSX
- 1132MQ
- 1142MQ
- 1150MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1602
- 1682
- 1688
- 1692
- 1696
- 1701NE3
- 1705
- 1715FL/A
- 1719BMA8/M
- 1719BMA8/R
- 1723
- 1726BM
- 1738
- 1743
- 1755
- 1748N
- 1748N
- 1771BM
- 1814M
- 1833XS/2



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5980ET/B

1.325,00 059801084

Assortment recommended in combination with C12 - 2029/VV - 2033P/VV - 2036TV

## 5980MQ

assortment of 46 tools

### ► Electrotechnical maintenance

#### Quantity/Description

- 7 single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1 adjustable wrench, 1000V 250 mm
- 6 hexagon nut spinners with handles  $\odot$  5,5 - 6 - 7 - 8 - 10 - 13 mm
- 4 T-handle wrenches with hexagon male ends  $\odot$  4 - 5 - 6 - 8 mm
- 1 bent knurled point spring tweezers, 1000V
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nless$  160 mm
- 1 electrician's scissors
- 1 wire stripping pliers  $\nless$  160 mm
- 1 combination pliers 1000V  $\nless$  180 mm
- 1 extra-long bent flat nose pliers  $\nless$  160 mm
- 1 extra long needle nose pliers, 1000V,  $\bullet$  160 mm
- 1 mains testing screwdriver  $\bullet$
- 4 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws, 1000V  $\bullet$  3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 200 mm
- 1 mini - hacksaw frame, 1000V
- 2 utility knife, 1000V
- 1 soldering iron 30 W
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens
- 1 combination voltage and continuity tester

#### Beta N.

- 52MQ
- 110MQ
- 943MQ
- 951MQ
- 993MQ
- 1048MQ
- 1082MQ
- 1128MQ
- 1142MQ
- 1150MQ
- 1164MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1692
- 1701NE/3
- 1725MQ
- 1777MQ
- 1814M
- 1833S
- 1847P



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5980MQ

1.795,00 059801257

Assortment recommended in combination with 2029/VV





M49



M108



M161

## 5988 VHB-MQ

assortment of 66 tools in EVA foam trays

### ► Electrotechnical maintenance

#### Quantity/Description

- 12 single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 12 single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 4 socket drivers for hexagon screws  $\odot$  4-5-6-8 mm
- 11 bi-hex sockets  $\odot$  7-8-10-11-12-13-14-15-16-17-19 mm
- 6 socket drivers for Torx® head screws  $\odot$  T15-T20-T25-T27-T30-T40
- 2 socket drivers with XZN® profile  $\odot$  8-10 mm
- 1 3/8" drive extension 125 mm
- 1 3/8" drive extension 250 mm
- 1 3/8" drive, T-handle
- 1 3/8" drive reversible ratchet
- 1 electrician's scissors
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nabla$  160 mm
- 1 combination pliers 1000V  $\equiv$  180 mm
- 1 extra long flat nose pliers  $\equiv$  160 mm
- 1 extra-long bent flat nose pliers  $\equiv$  160 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 4 screwdrivers for headless slotted screws, 1000V  $\bullet$  2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1 cable stripping knife, insulated

Beta N.	TR
52MQ	M49
89MQ	M49
910MQ/PE	M108
910MQ/B	M108
910MQ/TX	M108
910MQ/XZN	M108
910MQ/21	M108
910MQ/22	M108
910MQ/T	M108
910MQ/55	M108
1128MQ	M161
1048MQ	M161
1082MQ	M161
1150MQ	M161
1162MQ	M161
1164MQ	M161
1272MQ	M161
1274MQ	M161
1777MQU	M161

€



5988 VHB-MQ 2.950,00 059880300

Assortment recommended in combination with items RSC51 - RSC23T - RSC24 - RSC24A - RSC24XL - RSC24L - RSC24L-CAB RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - C59

## 5980EL/A

assortment of 57 tools

### ► Electronics

#### Quantity/Description

- 13 4÷14 mm
- 9 offset hexagon key wrenches  $\odot$  1,5÷10 mm
- 1 bent point tweezers 130 mm
- 1 straight thin knurled point pin spring tweezers 150 mm
- 1 cross tweezers 155 mm
- 1 electrician's scissors, straight blades
- 1 wire stripping pliers  $\nabla$  160 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 flat nose pliers  $\equiv$
- 1 smooth half - round long bent needle nose pliers  $\bullet$
- 1 combination pliers  $\bullet$
- 1 diagonal flush cutting nippers  $\nabla$
- 1 diagonal cutting nippers  $\nabla$
- 1 screwholding screwdriver for slotted head screws  $\bullet$  4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws  $\oplus$  PH0x125 mm
- 8 micro-screwdrivers
- 1 engineer's hammer 200 g
- 1 measuring tape 5 m
- 1 telescopic joint inspection mirror
- 3 needle files
- 1 spring puller
- 1 bristle brush
- 1 Pen oiler
- 1 snap - off blade utility knife
- 1 self-locking round end knurled tool made of stainless steel
- 1 soldering iron 25 W
- 1 de - soldering pump
- 1 LED inspection torch, made of sturdy anodized aluminium

#### Beta N.

73/B13N	
96N/SC9	
991	
992	
998	
1128BMX	
1142BM	
1166BM	
1172BM	
1178BM/P	
1178BM	
1185BM	
1188BM	
1250	
1251	
1257LPH/S8	
1370	
1692	
1715	
1720/S3	
1723	
1738	
1756	
1771	
1002	
1814M	
1830T	
1833XS/2	

€



5980EL/A 951,00 059801081

Assortment recommended in combination with 2032TV - 2028/VV - 2033P/VV

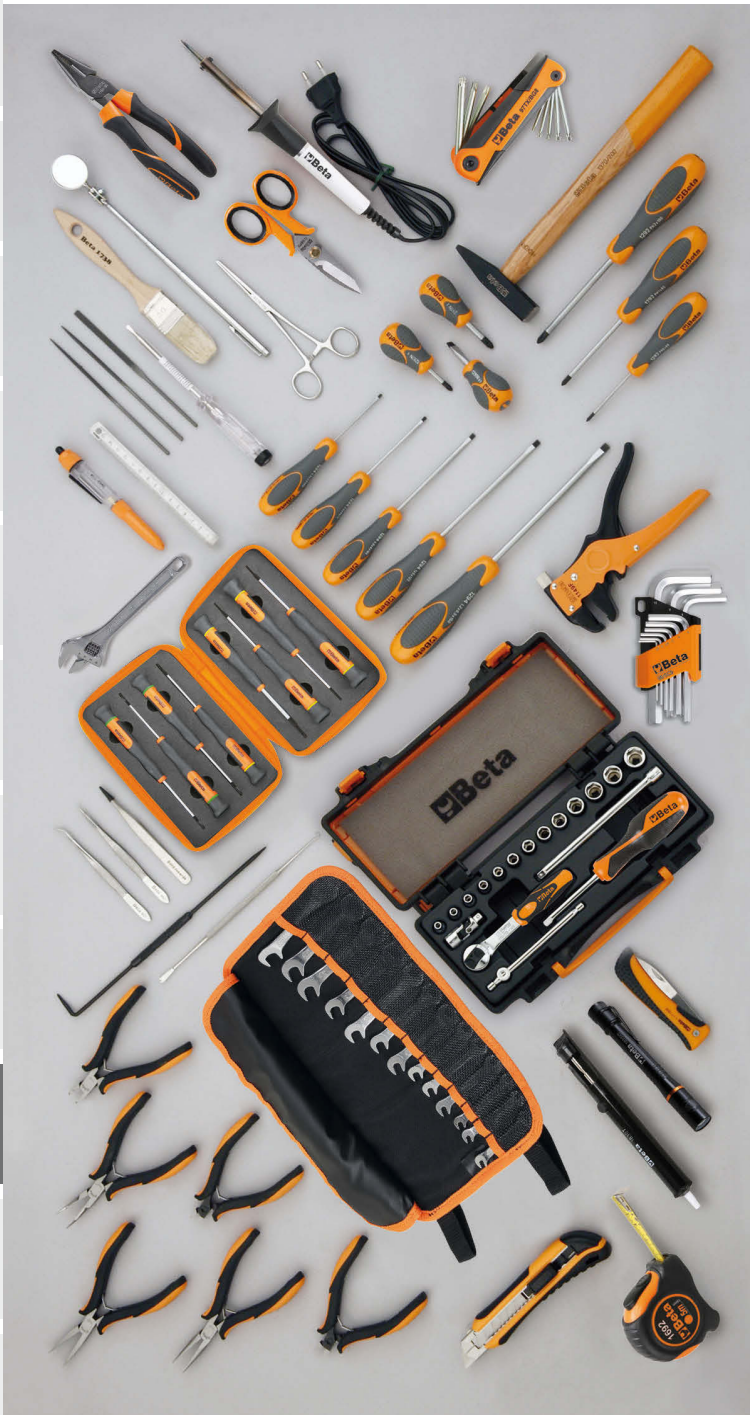


## 5980EL/B

assortment of 98 tools

### ► Electronics

Quantity/Description	Beta N.
13 4÷14 mm	73/B13N
9 offset hexagon key wrenches $\odot$ 1,5+10 mm	96/SC9
8 offset key wrenches for Torx® head screws $\odot$ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/BG8
1 Adjustable wrench 150 mm	111E
18 set of 13 hexagon sockets and 5 accessories, 1/4" square drive	900/C13-5
1 straight thin knurled point spring tweezers 130 mm	990
1 bent point tweezers 130 mm	991
1 extra slim short end spring tweezers 120 mm	999A
1 electrician's scissors, straight blades	1128BMX
1 front wire stripping pliers, self - adjusting 170 mm	1149F
1 half-round needle nose pliers $\equiv$ 180 mm	1150BM
1 flat nose pliers $\equiv$ 140 mm	1172BM
1 smooth half - round long needle nose pliers $\bullet$ 140 mm	1177BM
1 smooth half - round long bent needle nose pliers $\bullet$ 140 mm	1178BM/P
1 diagonal flush cutting nippers, rounded tips $\angle$ 120 mm	1184BM
1 diagonal flush cutting nippers, slim tips $\angle$ 120 mm	1186BM
1 end flush oblique cutting nippers $\angle$	1191BM
8 micro-screwdrivers	1257LPH/S8
1 mains testing screwdriver $\bullet$	1253
1 screwdriver for slotted head screws, extra-short series $\bullet$ 6,5x30 mm	1290N
3 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 - PH2x100 mm	1292
2 screwdriver for cross head Phillips® screws, extra-short series $\oplus$ PH1x30 - PH2x30 mm	1292N
5 screwdrivers for headless slotted screws $\bullet$ 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1294
1 engineer's hammer 200 g	1370
1 flexible graduated rule 150 mm	1682
1 engineer's scribe 220 mm	1688
1 measuring tape 5 m	1692
1 telescopic joint inspection mirror 670 mm	1715
1 Needle files $\bullet$	1720R
1 Needle files $\blacktriangle$	1720T
1 Needle files $\blacksquare$	1720P
1 spring puller	1723
1 bristle brush	1738
1 Pen oiler	1756
1 snap - off blade utility knife	1771BM
1 fold - away knife	1777BM
1 self-locking round end knurled tool made of stainless steel	1002
1 soldering iron 25W	1814M
1 de - soldering pump	1830T
1 LED inspection torch, made of sturdy anodized aluminium	1833XS/2



€ 

5980EL/B 1.340,00 059801082

Assortment recommended in combination with 2029/VV - 2033P/VV - 2036TV

## 5980ID

assortment of 35 tools

### ► Plumbing maintenance

#### Quantity/Description

- 1 flat chisels 150 mm
- 1 flat chisels, ribbed type 200 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- 1 Adjustable wrench 250 mm
- 1 pipe cutter for copper and light alloy pipes Ø 3÷30 mm
- 1 pipe wrench Swedish pattern 320 mm
- 1 self - locking pliers 240 mm
- 1 tin snips 300 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 8x150 mm
- 2 screwdriver for cross head Phillips® screws ⊕ PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape, made of fibre 2 m
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 second-cut half-round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 Steel wire brush
- 1 250 mm

#### Beta N.

- 34
- 35
- 55/S12X
- 111E
- 334
- 374
- 1052
- 1112
- 1128BMX
- 1150GBM
- 1201E
- 1202E
- 1370
- 1690F
- 1692
- 1696
- 1719BMA...M
- 1725
- 1737NX
- 1048N



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5980ID 608,00 059801085

Assortment recommended in combination with 2009N/VV

## 5902MT

assortment of 106 tools for agricultural, building and earth-moving machinery

### ► Earth-moving

#### Quantity/Description

- 2 drift punches Ø 3 - 4 mm
- 2 pin punches Ø 6 - 8 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 150 - 200 mm
- 18 combination wrenches 6÷14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 - 36 - 41 mm
- 10 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm
- 10 offset hexagon key wrenches ○ 1,5÷12 mm
- 17 1/2" square drive hexagon sockets ○ 10÷22 - 24 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive push-through square ratchet ⊗
- 11 3/4" square drive hexagon socket ○ 22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive swivel handle
- 1 3/4" drive sliding T - handle
- 1 3/4" drive reversible ratchet ⊗
- 1 pry bar
- 1 250 mm
- 1 adjustable self locking pliers, curved jaws
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ≡ 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdrivers for slotted head screws with hexagon bolsters ● 6,5x150 - 8x175 - 10x200 - 12x250 mm
- 3 screwdrivers for cross head Phillips® screws with hexagon bolsters
- ⊕ PH2x150 - PH3x175 - PH4x200 mm
- 1 ball pein hammer 900 g
- 1 soft face hammer Ø 35 mm
- 1 metric feeler gauge
- 1 three - cutting edges scraper 200 mm
- 5 Set of 5 second-cut files, with handles 200 mm
- 1 hacksaw frame, aluminium handle

#### Beta N.

- 30
- 31
- 32
- 35
- 42
- 90
- 96N/B10
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/50
- 928A
- 928/21
- 928/36A
- 928/42
- 928/55
- 964
- 1048N
- 1055
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1260E
- 1262E
- 1377
- 1390
- 1708/20
- 1717B
- 1719BMA...S5
- 1725



€

5902MT 2.225,00 059021053

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T



## 5902MT/AS

assortment of 99 tools for earth-moving machinery (CATERPILLAR)



### ► Earth-moving

Quantity/Description	Beta N.
2 drift punches Ø 3 - 4 mm	30
2 pin punches Ø 6 - 8 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 150 - 200 mm	35
20 combination wrenches 1/4+1.1/2"	42AS
6 double ended offset ring wrenches 1/4x5/16 - 3/8x7/16 - 1/2x9/16 5/8x3/4 - 11/16x13/16 - 7/8x15/16"	90AS
11 offset hexagon key wrenches $\odot$ 3/64+3/8"	96AS/B11
10 1/2" square drive bi - hex sockets $\odot$ 7/16 - 1/2 - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"	920AS
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet $\oplus$	920/50
12 hexagon hand sockets 1/4" $\odot$ $\square$ 3/4", 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 1.1/2 - 1.5/8 - 1.11/16 - 1.7/8 - 2"	928AS
1 3/4" drive extension bar 200 mm	928/21
1 3/4" drive swivel handle	928/36A
1 3/4" drive sliding T - handle	928/42
1 3/4" drive reversible ratchet $\oplus$	928/55
1 pry bar	964
1 slip joint pliers 250 mm	1048N
1 adjustable self locking pliers, curved jaws	1055
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish $\ddagger$ 160 mm	1084GBM
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish $\equiv$ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish $\bullet$ 160 mm	1166GBM
4 screwdrivers for slotted head screws with hexagon bolsters $\bullet$ 6,5x150 - 8x175 - 10x200 - 12x250 mm	1260E
3 screwdrivers for cross head Phillips® screws with hexagon bolsters $\oplus$ PH2x150 - PH3x175 - PH4x200 mm	1262E
1 ball pein hammer 900 g	1377
1 soft face hammer Ø 35 mm	1390
1 metric feeler gauge 150 - 200 mm	1708/20
1 three - cutting edges scraper 200 mm	1717B
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725

€ 

5902MT/AS 2.330,00 059021054

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T



## 5904VG/2M

assortment of 170 tools in EVA foam trays

### ► Car repairs

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6-7-8 mm
- 5 drivers for Torx® head screws, with handles  $\odot$  T10-T15-T20-T25-T30
- 7 hexagon bits  $\odot$  4-5-6-7-8-10-12 mm
- 7 hexagon bits  $\odot$  4-5-6-7-8-10-12 mm
- 5 bits with XZN® profile  $\odot$  5-6-8-10-12 mm
- 5 bits with XZN® profile  $\odot$  5-6-8-10-12 mm
- 7 bits for Torx® head screws  $\odot$  T20-T25-T30-T40-T45-T50-T55
- 6 bits for Torx® head screws  $\odot$  T25-T30-T40-T45-T50-T55
- 7 bits for Tamper Resistant Torx® head screws  $\odot$  T20-T25-T30-T40-T45-T50-T55
- 1 bit holder sockets for item 867
- 1 bit holder sockets for item 867
- 5 screwdrivers for slotted head screws  $\bullet$  3x75 - 3,5x100 - 4x125 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 screwdrivers for slotted head screws, extra-short series  $\bullet$  4x30 mm
- 1 screwdrivers for cross head Phillips® screws, extra - short series  $\oplus$  PH1x30 mm
- 5 bits for slotted head screws, coloured  $\bullet$  0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured  $\oplus$  PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured  $\oplus$  PZ1 - PZ2 - PZ3 - PZ4
- 11 bits for Torx® head screws, coloured  $\odot$  T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured  $\odot$  T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet 100 mm
- 1 magnetic bit holder extension bar 80 mm
- 1 adaptors for drivers  $\blacksquare$  1/4 -  $\square$  1/4
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 Heavy-duty diagonal cutting nippers  $\angle$  160 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm

Beta N.	TR
42	M05
42	M06
96T	M50
97TTX	M55
867PE	M86
867PE/L	M86
867XZN	M86
867XZNL	M86
867TX	M86
867TXL	M86
867RTX	M86
867/1	M86
867/2	M86
1260	M208
1262	M208
1260N	M208
1262N	M208
860LP	M85
860PE	M85
860PH	M85
860PZ	M85
860TX	M85
860RTX	M85
851SR	M85
860/55	M85
882P	M85
892/0	M85
35	M234
1370	M234
1390	M234
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1150BM	M136
1166BM	M136
1084BM	M136
1032	M145
1034	M145
1036	M145
1038	M145



M05 M06 VPM3



M50 M55 M86



M208 M85 M234



M83 M136 M145

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5904VG/2M 1.770,00 059041198

Assortment recommended in combination with RSC24 - RSC24A - RSC24XL - C37 - C39  
RSC24L - RSC24L-CAB - C59 - C39T - C39SM - C39MD - RSC23T - RSC28 RSC55

## 5904VG/2T

assortment of 99 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws  $\odot$  5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\otimes$
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers  $\nless$  160 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 4 screwdrivers for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\bullet$  PH0x60 - PH1x80 - PH2x100 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx® head screws, with handles  $\odot$  T10 - T15 - T20 - T25 - T27 - T30

Beta N.	TR
	42
	T05
	42
	T06
	920A
	T80
	920ME
	T80
	920/21
	T80
	920/22
	T80
	920/25
	T80
	920/42
	T80
	920/55
	T80
	1048N
	T153
	1052
	T153
	1084
	T138
	1166
	T138
	1150
	T138
	1032
	T145
	1036
	T145
	1034
	T145
	1038
	T145
	35
	T234
	1370
	T234
	1390
	T234
	1260
	T208
	1262
	T208
	55
	T33
	96/SC9
	T33
	96T
	T52
	97TTX
	T55



T05 T06 T80



T153 T138 T145 T234



T208 T33 T52 T55

€

5904VG/2T

1.510,00 059041191

Assortment recommended in combination with RSC51 - RSC24 - RSC24A - RSC24XL - C37 - C39  
RSC23T - C39T - RSC24L - RSC24L-CAB - C59 - RSC28 - C39SM - C39MD RSC55

## 5904VG/3

assortment of 132 tools



### ► Car repairs

Quantity/Description	Beta N.
6 Ø 2+8 mm	31/B6N
1 centre punch Ø 5 mm	32
1 flat chisels, ribbed type 200 mm	35
17 combination wrenches 6+22 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
11 offset hexagon key wrenches Ø 2+10 mm	96T/SP11
13 offset key wrenches for Torx® head screws ⚙ T6+T50	97TX/B13
1 Adjustable wrench 300 mm	111E
13 1/2" square drive hexagon sockets with rail Ø 10+22 mm	920A/SB13
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet ⚙	920/50
6 T - handle wrenches with swivelling socket Ø 8 - 10 - 12 - 13 - 17 - 19 mm	952
1 pry bar with handle 450 mm	965
2 circlip pliers straight, internal ⚙ 180 - 225 mm	1032
2 circlip pliers bent, internal ⚙ 170 - 210 mm	1034
2 circlip pliers straight, external ⚙ 175 - 225 mm	1036
2 circlip pliers bent, external ⚙ 175 - 220 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1057A
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 200 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 200 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ⚡ 180 mm	1150GBM
4 screwdrivers for slotted head screws ⚙ 3x75 - 4x100 - 5,5x125 - 6,5x150 mm	1260
1 screwdrivers for slotted head screws, extra-short series ⚙ 6,5x30 mm	1260N
2 screwdrivers for slotted head screws with hexagon bolsters ⚙ 8x175 - 10x200 mm	1260E
3 screwdrivers for cross head Phillips® screws ⚙ PH0x100 - PH1x120 - PH2x100 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series ⚙ PH2x30 mm	1262N
1 screwdrivers for cross head Phillips® screws with hexagon bolsters ⚙ PH3x175mm	1262E
1 screwdriver for cross head Phillips® screws, long series ⚙ PH2x400 mm	1262L
1 screwdriver for headless slotted screws, long series ⚙ 6,5x400 mm	1264L
1 engineer's hammer 500 g	1370
1 soft face hammer Ø 45 mm	1390
1 adjustable oil filter wrench	1491
1 metric feeler gauge	1708/20
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1726BM
1 Metal pressure oil can 200 cc	1751N

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5904VG/3 2.360,00 059041062

Assortment recommended in combination with RSC24 - RSC24A - RSC24XL - C37 - C39 with 7 - 8 drawers  
RSC24L - RSC24L-CAB - C59 RSC55



## 5904VG/3T

assortment of 102 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17  
18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 6 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6 mm
- 8 T - handle wrenches with swivelling socket  $\odot$  7-8-10-12-13-14-17-19 mm
- 19 1/2" square drive hexagon sockets  $\odot$  10-11-12-13-14-15-16-17-18-19  
20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet  $\odot$
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 self - locking pliers 240 mm
- 1 slip joint pliers 250 mm
- 7 screwdrivers for slotted head screws  
 $\bullet$  2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws  $\bullet$  PH0x60 - PH0x100 - PH1x80  
PH1x120 - PH2x100 - PH2x150 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 empty thermoformed tray

Beta N.	TR
42T05-T06	
55	T33
96/SC9	T33
96T	T52
952	T63
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1084BM	T137
1150BM	T137
1166BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
1052	T153
1048N	T153
1260	T199
1262	T202
35	T234
1370	T234
1390	T234
VP5	



T199 T202 T83



T145 T153 T137 T234



T52 T33 T05 T06



T63 VP5

€



5904VG/3T

1.745,00 059041510

Assortment recommended in combination with C24S - C24SA - C37 - C39  
C24SL - C24SL/CAB - C59 - C23ST - C39T - C28 - C39SM - C39MD RSC55

## 5904VG/5T

assortment of 153 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 5 1/2" drive, socket drivers for hexagon screws  $\odot$  5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10+24 - 26 - 27 - 30 - 32 mm
- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 T - handle wrenches with swivelling socket  $\odot$  7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 1 empty thermoformed tray
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 7 screwdrivers for cross head Phillips® screws  $\bullet$  2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 5 drivers for Torx® head screws, with handles  $\odot$  T25 - T27 - T30 - T40 - T45
- 6 offset hexagon key wrenches  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for cross head Phillips® screws  $\bullet$  8x150 - 8x200 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series  $\bullet$  4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws  $\oplus$  PH3x150 - PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series  $\oplus$  PH1x30 - PH2x30 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 half-round needle nose pliers  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 Heavy-duty diagonal cutting nippers  $\angle$  160 mm
- 6 bits for Torx® head screws  $\odot$  T6÷T15
- 8 bits for Torx® head screws  $\odot$  T20÷T55
- 1 socket holder
- 1 socket holder
- 6 1/4" sockets for Torx® head screws  $\odot$  E4+E10
- 7 1/2" sockets for Torx® head screws  $\odot$  E12+E24
- 3 1/2" drive, socket drivers for Torx® head screws  $\odot$  T55L - T60 - T70L
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm

Beta N.	TR
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
42	T05
42	T06
952	T63
VP6	VP6
1032	T145
1034	T145
1036	T145
1038	T145
1290	T170
1297TX	T176
96T	T52
55	T33
96N/SC9	T33
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1150BM	T137
1166BM	T137
1084BM	T137
861TX	T112
866TX	T112
895/1	T112
895/6	T112
900FTX	T112
920FTX	T112
920TX	T112
1048N	T153
1052	T153



T80 T05 T06



T63 VP6



T145 T170 T176 T52



T33 T171 T172 T173

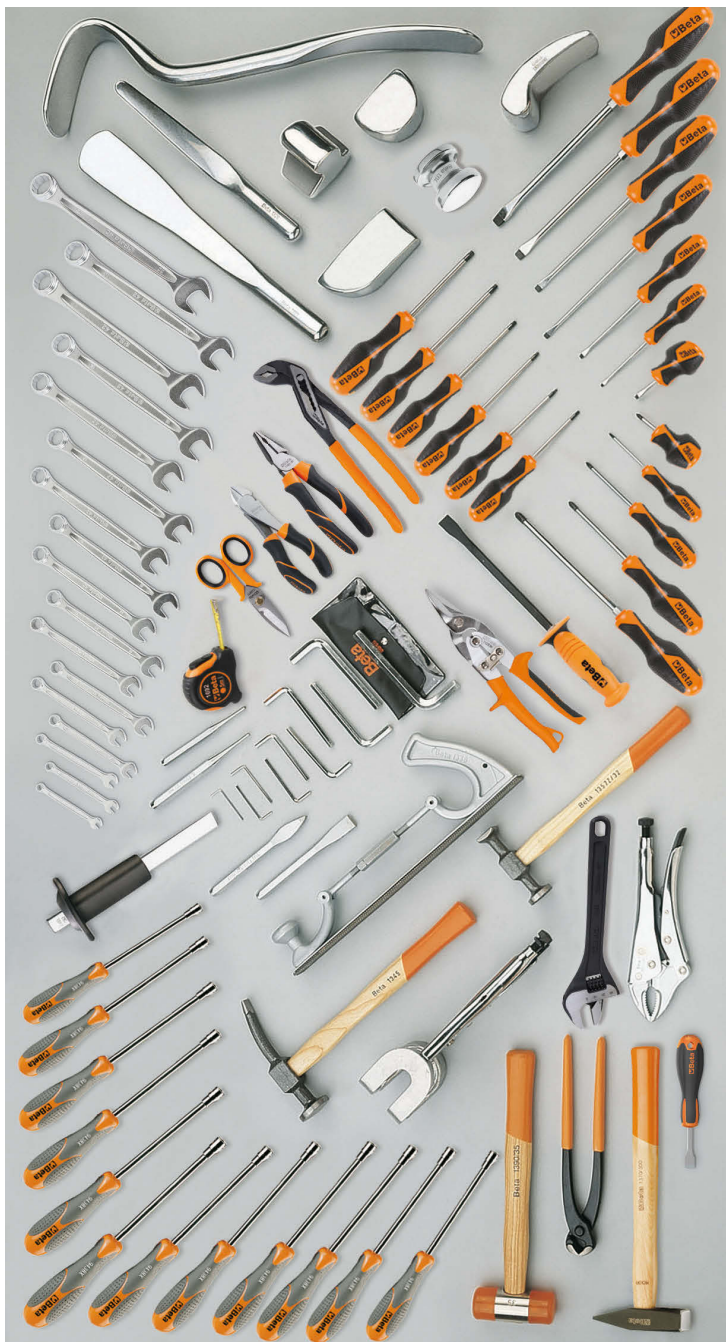


T234 T137 T112 T153

€

5904VG/5T 2.415,00 059041196

Assortment recommended in combination with RSC24 with 7 - 8 drawers - RSC24A with 7 - 8 drawers - RSC24XL - C37 with 7 - 8 drawers - C39 with 7 - 8 drawers RSC24L - RSC24L-CAB - C59 - RSC23T - RSC28 - C39MD - C39SM - RSC55



## 5905VG/1

assortment of 94 tools for car body repair shops

### ► Car repairs

Quantity/Description	Beta N.
1 drift punches Ø 4 mm	30
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
1 flat chisels 150 mm	34
1 cape chisels, standard type 150 mm	36
17 combination wrenches 6+22 mm	42
10 offset hexagon key wrenches $\odot$ 1,5+12 mm	96/B10
1 Adjustable wrenches with scales, phosphated 300 mm	111EN
12 hi-torque hexagon nut spinners, long series $\odot$ 4+14 mm	943BX
1 pry bar with handle 450 mm	965
1 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, aluminium jaws 280 mm	1060AL
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish $\nabla$ 160 mm	1084GBM
1 construction worker's pincers 250 mm	1098PL
1 compound leverage shears, straight blades	1122
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish $\equiv$ 180 mm	1150GBM
1 screwdriver for Dzus® head screws $\bullet$	1201E/DZ
4 screwdrivers for slotted head screws	1260
$\bullet$ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	
1 screwdrivers for slotted head screws, extra-short series $\bullet$ 4x30 mm	1260N
2 screwdrivers for slotted head screws with hexagon bolsters	1260E
$\bullet$ 10x175 - 12x200 mm	
3 screwdrivers for cross head Phillips® screws	1262
$\oplus$ PH0x60 - PH1x80 - PH2x100 mm	
1 screwdrivers for cross head Phillips® screws, extra - short series $\oplus$ PH1x30 mm	1262N
1 screwdrivers for cross head Phillips® screws with hexagon bolsters $\oplus$ PH3x175 mm	1262E
7 drivers for Torx® head screws $\odot$ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
1 curved dolly 1350 g	1303
1 toe dolly	1305
1 heel dolly	1306
1 general purpose dolly	1310
1 double end dolly, convex, flat head	1314
1 curved angle spoon	1326
1 heavy duty spoon	1327
1 long double-ended spoon	1330
1 body blade holder, with blade 9"	1338A
1 extra flat chisel with hand guard	1342PM
1 body hammer	1345
1 body hammer Ø 40 mm	1357Z/45
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692

€



5905VG/1 2.140,00 059051058

Assortment recommended in combination with C25





## 5905VG/2

assortment of 118 tools

### ► Car repairs

Quantity/Description	Beta N.
6 set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester	38/B6N
13 combination wrenches 6+14 - 17 - 19 - 22 - 24 mm	42
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55
3 half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
10 offset hexagon key wrenches $\odot$ 1,5+12 mm	96N/B10
6 drivers for Torx® head screws, with handles $\odot$ T10 - T15 - T20 - T25 - T30 - T40	97TTX
2 1/2" drive impact sockets $\odot$ 17 - 19 mm	720
20 1/2" square drive hexagon sockets $\odot$ 10+24 - 26 - 27 - 28 - 30 - 32 mm	920A
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet $\oplus$	920/55
8 T - handle wrenches with swivelling socket $\odot$ 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
1 T - handle swivel spark plug wrenches	959
1 wheel nut wrench $\odot$ 17x19x22x $\blacksquare$ 1/2"	979
1 circlip pliers straight, internal $\odot$ 180 mm	1032
1 circlip pliers bent, internal $\odot$ 170 mm	1034
1 circlip pliers straight, external $\bullet$ 175 mm	1036
1 circlip pliers bent, external $\bullet$ 175 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish $\nabla$ 160 mm	1084GBM
1 compound leverage shears, straight blades 250 mm	1122
1 electrician's scissors, straight blades	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish $\blacksquare$ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish $\bullet$ 160 mm	1166GBM
8 screwdrivers for slotted head screws $\bullet$ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
2 screwdrivers for slotted head screws with hexagon bolsters $\bullet$ 10x200 - 12x250 mm	1260E
1 screwdrivers for slotted head screws, extra-short series $\bullet$ 6,5x30 mm	1260N
4 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1 engineer's hammer 400 g	1370
1 soft face hammer $\varnothing$ 35 mm	1390
1 adjustable oil filter wrench	1491
1 circuit tester 3+48 V	1498

€



5905VG/2

2.010,00 059051044

Assortment recommended in combination with C25

## 5908VG/2T

assortment of 214 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

Beta N. TR



T05 T06 T31



T80 T145 T146



T167 T168  
+96N +1771



T63 T209



T55 T111 T113 T236



T264 T234 T153 T138



T105 T106 VP6



- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 19 1/2" square drive hexagon sockets Ø 10+24 - 26 - 27 - 30 - 32 mm
- 1 circlip pliers straight, internal Ø 180 mm
- 1 circlip pliers bent, internal Ø 170 mm
- 1 circlip pliers straight, external Ø 175 mm
- 1 circlip pliers bent, external Ø 175 mm
- 1 circlip pliers straight, internal Ø 140 mm
- 1 circlip pliers straight, internal Ø 225 mm
- 1 circlip pliers straight, external Ø 140 mm
- 1 circlip pliers straight, external Ø 225 mm
- 9 screwdrivers for slotted head screws 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm
- 8 T - handle wrenches with swivelling socket Ø 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 2 screwdriver for cross head Phillips® screws, long series PH1x400 - PH2x400 mm
- 3 screwdriver for headless slotted screws, long series 3x300 - 4x400 - 5x400 mm
- 6 drivers for Torx® head screws, with handles T10-T15-T20-T25-T27-T30
- 12 1/2" drive impact sockets Ø 10-13-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive impact extension bar 125 mm
- 3 Ø 17-19-21
- 5 socket drivers for hexagon screws Ø 5L - 6L - 7L - 8L - 10L
- 4 1/2" drive, socket drivers for Torx® head screws T40L - T45L - T55L - T70L
- 3 socket drivers with XZN® profile Ø M6L - M8L - M12L
- 5 second cut files 200 mm
- 1 adjustable oil filter wrench 110 mm
- 1 square oil drain plug socket 10 mm
- 7 male hexagon oil drain plug sockets Ø 8-9-10-11-12-14-17 mm
- 4 male square oil drain plug sockets Ø 8-9,5-12-13 mm
- 1 male triangular oil drain plug socket Δ
- 1 male oil drain plug socket with XZN® profile Ø
- 1 oil plug wrenches
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 half-round needle nose pliers 180 mm
- 1 Extra-long needle nose pliers 160 mm
- 1 Heavy-duty diagonal cutting nippers 160 mm
- 11 3/4" square drive hexagon socket Ø 22-24-27-30-32-34-36-38-41-46-50 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive extension bar 380 mm
- 1 3/4" drive sliding T - handle 450 mm
- 1 3/4" drive reversible ratchet
- 1 empty thermoformed tray
- 4 offset hexagon key wrenches Ø 13-14-17-19 mm
- 1 Adjustable wrench 300 mm
- 1 pry bar with handle
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 engineer's hammer 1000 g
- 1 metric feeler gauge
- 1 telescopic magnet with flexible head
- 1 telescopic joint inspection mirror
- 1 three - cutting edges scraper 200 mm
- 1 hacksaw frame, aluminium handle 440 mm
- 1 Steel wire brush
- 1 Metal pressure oil can 200 cl
- 1 snap - off blade utility knife

42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1032	T146
1036	T146
1036	T146
1260	T167
1260N	T167
1262	T168
1262N	T168
952	T63
1262L	T209
1264L	T209
97TTX	T55
720	T111
720/21	T111
720LC	T111
920PE	T113
920TX	T113
920XZN	T113
1719BMA8/S5	T236
1491	T264
1494	T264
1494E	T264
1494Q	T264
1494T	T264
1494XZN	T264
1496C	T264
35	T234
1370	T234
1390	T234
1048N	T153
1052	T153
1150	T138
1166	T138
1084	T138
928A	T105
928/21	T106
928/22	T106
928/42	T106
928/55	T106
VP6	VP6
96N	VP6
111E	VP6
965	VP6
1112	VP6
1128BMX	VP6
1370	VP6
1708/20	VP6
1712	VP6
1715	VP6
1717B	VP6
1726	VP6
1737NX	VP6
1751N	VP6
1771	VP6

5908VG/2T € 4.090,00 059081017

Assortment recommended in combination with RSC28



## 5910VG/3T

assortment of 202 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 6 double swivel end socket wrenches 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
- 1 adjustable oil filter wrench 110 mm
- 1 square oil drain plug socket ■ 10 mm
- 7 male hexagon oil drain plug sockets ○ 8-9-10-11-12-14-17 mm
- 4 male square oil drain plug sockets ○ 8-9,5-12-13 mm
- 1 male triangular oil drain plug socket △
- 1 male oil drain plug socket with XZN® profile ○
- 1 oil plug wrenches
- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 circlip pliers straight, internal ○ 140 mm
- 1 circlip pliers bent, internal ○ 225 mm
- 1 circlip pliers straight, external ● 140 mm
- 1 circlip pliers bent, external ● 225 mm
- 6 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30
- 12 swivel end ratcheting combination wrenches
  - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers ⊥ 160 mm
- 1 slip joint pliers, push button alignment 240 mm
- 1 self - locking pliers 240 mm
- 8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 9 screwdrivers for slotted head screws ● 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 6 pin punches
- 7 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 - PH2x30 mm
- 1 Adjustable wrench 250 mm
- 1 1/2" drive swivel T-handle
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 4 T handle wrenches with swivelling hexagon male ends ○ 4-5-6-8 mm
- 2 engineer's hammer 300-500 g
- 2 screwdriver for cross head Phillips® screws, long series ⊕ PH1x400 - PH2x400 mm
- 3 screwdriver for headless slotted screws, long series ● 3x300 - 4x400 - 5x400 mm
- 9 ball head offset hexagon key wrenches ○
- 1 click-type torque wrenches with reversible ratchets Ⓢ 8 ÷ 60 Nm
- 1 click-type torque wrenches with reversible ratchets Ⓢ 60 ÷ 330 Nm
- 12 impact sockets
- 1 adaptor, 1/2" female and 3/8" male drives
- 1 assortment of 12 sockets and 5 accessories 3/4"
- 3 lever with articulated, flat, curved head
- 1 dead blow hammer Ø 50 mm
- 1 Reversible impact wrench, made from composite material 12

Beta N.	TR
42	T05
42	T06
80	T79
1491	T264
1494	T264
1494E	T264
1494Q	T264
1494T	T264
1494XZN	T264
1496C	T264
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1034	T146
1036	T146
1038	T146
97TTX	T55
142SN	T46
1150BM	T137
1166BM	T137
1084BM	T137
1047	T151
1057A	T151
952	T63
1260	T167
1260N	T167
31/B6N	T167
1262	T168
1262N	T168
111E	T59
920/40	T59
951	T59
953	T59
1370	T59
1262L	T209
1264L	T209
96BPC/SC9	T59
666N/5	T59
666N/30	T59
720/C12	T59
910/16	T59
928A/C12	T59
966/C3	T59
1392	T59
1927P	T59



T05 T06 T79 T264



T80 T145 T146



T55 T46 T137 T151

T63



T167 T168 +96BPC/SC9 +31/B6N

T59



T209

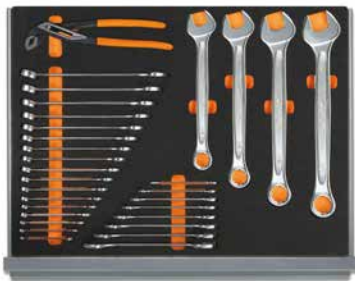


5910VG/3T

€ 5.720,00 059101068

Assortment recommended for use with item C30M





MB12



MB39



MB46

## 5935VG/1MB

assortment of 98 tools for tool chest C35, in EVA foam trays

### ► Car repairs

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 1 slip joint pliers 250 mm
- 4 screwdrivers for slotted head screws ● 3x75-4x100-5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80--PH2x100 mm
- 6 drivers for Torx® head screws ⊕ T8-T10-T15-T20-T25-T30
- 9 ball head offset hexagon key wrenches ○
- 6 offset hexagon key wrenches ○ 2-2,5-3-4-5-6
- 1 self - locking pliers 240 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 5 socket drivers for hexagon screws ○ 5-6-8-10-12 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 flat chisels, ribbed type 200 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer 35 mm

Beta N.	TR
42	MB12
55	MB12
1048N	MB12
1260	MB46
1262	MB46
1267TX	MB46
96BPC/SC9	MB46
96T	MB46
1052	MB46
920A	MB39
920/21	MB39
920/22	MB39
920/25	MB39
920/42	MB39
920/55	MB39
920PE	MB39
1032	MB39
1034	MB39
1036	MB39
1038	MB39
35	MB39
1084BM	MB39
1150BM	MB39
1166BM	MB39
1370	MB39
1390	MB39

€

5935VG/1MB 1.700,00 059351321

Assortment recommended in combination with C35

## 5940SBK

assortment of 125 tools

### ► Motorcycle repairs

#### Quantity/Description

- 1 drift punches Ø 2 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 125 mm
- 10 combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 6 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 click-type torque wrenches with reversible ratchets ⊗ 3/8", 8+60 Nm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 assortment of 12 sockets and 5 accessories
- 1 adaptor, 1/2" female and 3/8" male drives
- 2 spark plug socket ○ 14 - 16 mm
- 1 extra - long nose pliers ● 283 mm
- 2 circlip pliers straight, internal ○ 140 - 180 mm
- 1 circlip pliers straight, external ● 140x1,3 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish † 160 mm
- 1 electrician's scissors, straight blades
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish = 180 mm
- 1 screwdriver for Dzuz® head screws ●
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 circuit testing screwdriver ●
- 1 engineer's hammer 300 g
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 1 mini hacksaw frame
- 1 Brass wire brush
- 1 plastic oil can 250 cc

Beta N.	
30	
32	
34	
42	
55	
96/SC9	
666N/5	
867/C52	
920A/C12X	
910/16	
956C	
1009L/A	
1032	
1036	
1082G	
1128BM	
1150G	
1201E/DZ	
1201E	
1202E	
1254	
1370	
1491	
1708/13	
1725CR	
1737	
1754	

€

5940SBK 1.285,00 059401082

Assortment recommended for use with items C41S - C41H - C42S - C42H - C42S - C41S

## 5941VU/M

assortment of 64 tools for trolley C41H, in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches ○
- 1 measuring tape 5 m
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 2 1/2" wobble extension bar 125-250 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish = 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 3 screwdrivers for slotted head screws ● 3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0-PH1-PH2
- 1 engineer's hammer 300 g
- 1 snap - off blade utility knife 18 mm

Beta N.	TR
42	MC12
96/SC9	MC12
1692/5	MC12
920A	MC21
920/25	MC21
920/42	MC21
920/55	MC21
920AN	MC21
111E	
1048N	
1082GBM	
1128BMX	
1150GBM	
1166GBM	
1260	
1262	
1370	
1771	



MC21



MC12



€ 

5941VU/M

863,00 059411002

Assortment recommended in combination with C41H





## 5945VUM

assortment of 231 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 8 offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35
- 2 flat chisels, ribbed type 100-200 mm
- 5 second cut files 200 mm
- 1 socket holder ○ 1/4 - □ 1/4
- 1 socket holder ○ 1/4 - □ 3/8
- 1 socket holder ○ 5/16 - □ 1/2
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 socket drivers for slotted head screws ● 0,8x4-1x5,5x1,2x6,5-1,2x8 mm
- 4 socket drivers for cross head Phillips® screws ● PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ⊕ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle 176 mm
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet ⊗ 125 mm
- 17 hexagon hand sockets 3/8" ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/2" male drives □ 3/8 - ■ 1/2
- 1 adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2
- 1 extension bar - 3/8" 125 mm
- 1 extension bar - 3/8" 250
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle 210 mm
- 1 3/8" drive reversible ratchet ⊗ 200 mm
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet ⊗ 275 mm
- 3 3/8" square drive spark plug sockets ○ 16 mm (5/8")-17,8 (11/16")-20,8 (13/16")
- 5 drivers for Torx® head screws, with handles ⊕ T10-T15-T20-T25-T30
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 half-round needle nose pliers = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 19÷60 mm
- 1 circlip pliers bent, internal ○ 19÷60 mm
- 1 circlip pliers straight, external ● 19÷60 mm
- 1 circlip pliers bent, external ● 19÷60 mm
- 1 250 mm
- 1 self - locking pliers 240 mm
- 38 microscrewdriver with 36 interchangeable 4-mm bits and magnetic extension
- 6 screwdriver for slotted head screws ● 04x2,5x50-0,5x3x75-0,8x4x100-1,0x5,5x125-1,2x6,5x150-1,2x8x200 mm
- 1 screwdriver for slotted head screws, extra-short series ● 0,8x4x30 mm
- 4 screwdriver for cross head Phillips® screws ⊕ PH0x60-PH1x80PH2x100PH3x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH1x30 mm
- 12 screwdrivers
- for Torx® head screws, with handles ⊕ T06-T07-T08-T09-T10-T15-T20-T25-T27-T30-T40-T45
- 1 mains testing screwdriver ● 0,5x3,5x100 mm

Beta N.	TR
42	MM11
96BPC/SC9	MM11
96T	MM61
1370	MM61
1390	MM61
35	MM61
1719BMA8/S5	MM61
895/1	MM105
895/3	MM105
895/6	MM105
900	MM105
900L	MM105
900ME	MM105
900LP	MM105
900PH	MM105
900TX	MM105
900/16	MM105
900/20	MM105
900/20L	MM105
900/21	MM105
900/25	MM105
900BG/30	MM105
900/42	MM105
900/55	MM105
910A	MM105
910/15	MM105
910/16	MM105
910/21	MM105
910/22	MM105
910/25	MM105
910/42	MM105
910/55	MM105
920A	MM105
920/15	MM105
920/25	MM105
920AN	MM105
920AN	MM105
920/42	MM105
920/55	MM105
956E	MM105
97TTX	MM140
1084BM	MM140
1150BM	MM140
1166BM	MM140
1032	MM140
1034	MM140
1036	MM140
1038	MM140
1048N	MM140
1052	MM140
1256/C36-2	MM140
1201E	MM210
1201EN	MM210
1202E	MM210
1202EN	MM210
1207E/TX	MM210
1253	MM210



MM11



MM61



MM105



MM140



MM210

€



5945VU/M

2.730,00 059451001

Assortment recommended in combination with item C45





## 5954VG

assortment of 138 tools

### ► Car repairs

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
1 flat chisels 125 mm	34
18 combination wrenches 6÷22 - 24 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
3 double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm	90
13 offset hexagon key wrenches Ø 2÷10 - 12 mm	96
4 1/2" drive impact sockets Ø 17 - 19 - 21 - 22 mm	720
20 1/2" square drive hexagon sockets Ø 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A
1 1/2" drive extension bar	920/21
1 1/2" drive extension bar	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet	920/55
3 hi-torque hexagon nut spinners, long series Ø 8 - 10 - 13 mm	943BX
10 T - handle wrenches with swivelling socket Ø 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
3 spark plug socket Ø 16 - 17,8 - 20,8 mm	956C
1 pry bar	964
1 circlip pliers straight, internal	1032
1 circlip pliers bent, internal	1034
1 circlip pliers straight, external	1036
1 circlip pliers bent, external	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, long jaws 175 mm	1058
1 Diagonal cutting nippers 160 mm	1082BM
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers 180 mm	1150BM
1 Extra-long needle nose pliers 160 mm	1166BM
1 circuit testing screwdriver 6÷24V	1254
1 screwdrivers for slotted head screws 8 x 200 mm	1260
1 screwdrivers for slotted head screws, extra-short series 6,5x30 mm	1260N
1 screwdrivers for cross head Phillips® screws 8 x 150 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N
5 drivers for Torx® head screws T8 - T10 - T15 - T20 - T25	1267TX
8 set of screwdrivers	1263/D8
1 engineer's hammer 300 g	1370
1 dead blow hammer Ø 35 mm	1392
1 brake spring pliers 210 mm	1470
1 crimping pliers for non insulated terminals	1603
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
6 needle files 160 mm	1720/B6
1 plastic oil can 150 cc	1754

€

5954VG 2.365,00 059541054

Assortment recommended in combination with C54VG



## 5957VG

assortment of 174 tools

### ► Car repairs

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17 combination wrenches 6-7-8-10-11-12-13-14-15 16-17-19-21-22-24-27-30 mm	42
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
1 offset hexagon key wrenches Ø 2,5 ÷ 12 mm	96N/G7
8 offset key wrenches, for Torx® head screws ⌘ T9 ÷ T40	97TX/SC8
5 offset key wrenches with XZN® profile Ø M5 ÷ M12	98XZN/B5
1 Adjustable wrench 250 mm	111E
1 click-type torque wrenches with reversible ratchets ⊕ 1/2", 40÷200 Nm	666N/20
13 1/2" square drive hexagon sockets with rail Ø 10+22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail Ø 23+32 mm	920A/SB8
4 1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws ⌘ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⊕	920/55
2 1/2" drive impact sockets Ø 17 - 19 mm	720
10 T - handle wrenches with swivelling socket Ø 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	952
3 T - handle swivel spark plug wrenches 14 - 16 - 20,8 mm	959
1 pry bar	963
1 wheel nut wrench Ø 1/2" - 17 - 19 - 22 mm	979
2 circlip pliers straight, internal Ø 140 - 180 mm	1032
2 circlip pliers bent, internal Ø 130 - 170 mm	1034
2 circlip pliers straight, external ● 140x1,3 - 175 mm	1036
2 circlip pliers bent, external ● 135x1,3 - 175 mm	1038
1 slip joint pliers 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Diagonal cutting nippers ⌘ 160 mm	1082BM
1 Heavy-duty diagonal cutting nippers ⌘ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⌘ 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers ≡ 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 200 mm	1168BM
2 screwdrivers for slotted head screws ● 8x200 - 10x200 mm	1260
1 screwdrivers for cross head Phillips® screws ⌘ PH3x150 mm	1262
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 600 g	1370
1 soft face hammer Ø 35 mm	1390
11 roller stud extractors M5÷M16 mm	1433/C11
1 adjustable oil filter wrench	1491
1 circuit tester	1498
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 snap - off blade utility knife	1771
1 sliding gauge	1650

€ 

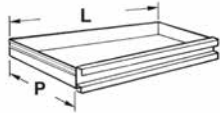
5957VG 4.120,00 059571007

Assortment recommended for use with items C57S A - C57S B - C57SP - C55PS - C55PSE

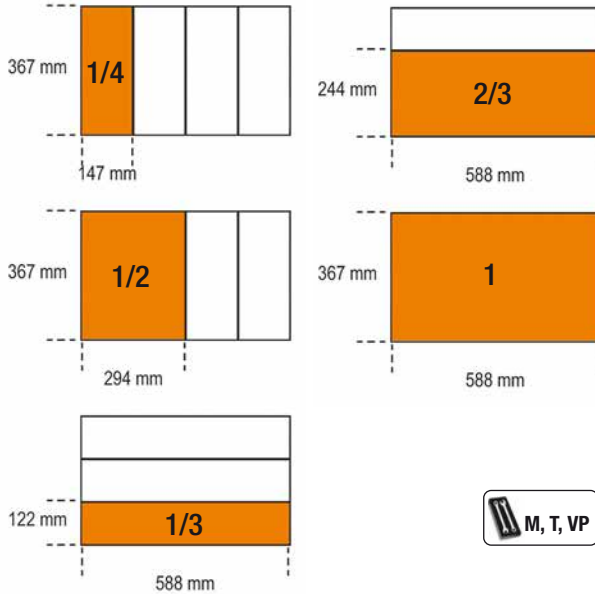


# SOFT MODULES

Assortment of tools in thermoformed trays,  
designed for roller cabs



RSC23T  
RSC24  
RSC24A  
RSC24AXL  
RSC24L/7  
RSC24L-CAB  
RSC28  
C30M  
C37  
C37A  
C39  
C39T  
C39MD  
C39SM  
RSC51  
C57S  
C59  
RSC55



493÷503  
508÷518

M, T, VP

## M01



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm

4,5 kg

M01	€ 442,00	1	024500001
MV10	€ 65,50	1	024510010

## M02



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm

6,3 kg

M02	€ 500,00	1	024500002
MV02	€ 65,50	1	024510002

## M05



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm

1,5 kg

M05	€ 218,00	1	024500005
MV15	€ 34,50	1	024510015

## M06



42 22-24-27-30-32 mm

2,1 kg

M06	€ 154,00	1	024500006
MV16	€ 46,50	1	024510016

## M13

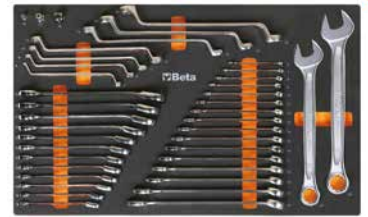


42SLIM 8-10-11-12-13-14-15-16-17-18-19 mm

1,2 kg

M13	€ 162,50	1	024500013
MV13	€ 34,50	1	024510013

## M25



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm  
90 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm  
123Q1/4  
123Q3/8  
123Q1/2  
142 8-9-10-11-12-13-14-15-16-17-18-19 mm

5,1 kg

M25	€ 718,00	1	024500025
MV25	€ 65,50	1	024510873

## M30



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
90 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,2 kg

M30	€ 421,00	1	024500030
MV30	€ 65,50	1	024510030





### M31

27



42AS 1/4-9/32-5/16-3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-13/16-7/8-15/16-1-1.1/16-1.1/8-1.1/4  
 ○ 96BP/AS-SC9 1/16-3/32-1/8-5/32-3/16-7/32-1/4-5/16-3/8

4,5 kg

M31	440,00	1	024500031
MV31	65,50	1	024510031

### M33

17



55 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19  
 20x22 mm  
 ○ 96/SC9 1,5+10 mm

1,1 kg

M33	102,00	1	024500033
MV33	34,50	1	024510033

### M38

4



55 21x23-24x26  
 27x29-30x32 mm

1,7 kg

M38	86,00	1	024500038
MV38	46,50	1	024510038

### M39

36



31 2-3-4-5-6-8 mm  
 32 4 mm  
 55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm  
 ○ 96/SC12 2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm  
 ○ 96 12-14-17-19 mm

5,7 kg

M39	344,00	1	024500039
MV39	65,50	1	024510039

### M40

7



90 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19 mm

810 g

M40	113,50	1	024500040
MV40	34,50	1	024510040

### M44

12



141 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,3 kg

M44	286,00	1	024500044
MV44	34,50	1	024510044

### M45

12



142 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,3 kg

M45	326,00	1	024500045
MV45	34,50	1	024510045

### M46

12



142SN 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,4 kg

M46	384,00	1	024500046
MV46	34,50	1	024510046

### M49

24



52MQ 7-8-10-11-12-13-14-15-16-17-19-22 mm  
 89MQ 7-8-10-11-12-13-14-15-16-17-19-22 mm

3,3 kg

M49	1.155,00	1	024500049
MV49	65,50	1	024510049

### M50

8



○ 96T 2-2,5-3-4-5  
 6-7-8 mm

1,1 kg

M50	132,50	1	024500050
MV50	46,50	1	024510051

## M52



96T 2,5-3-4-5-6 mm



330 g



M52	€ 78,50	1	024500052
MV52	€ 34,50	1	024510052

## M53



96TBP 2,5-3-4-5-6 mm

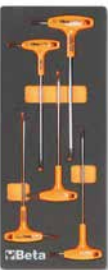


350 g



M53	€ 83,00	1	024500053
MV52	€ 34,50	1	024510052

## M55



97TTX T10-T15-T20-T25-T30



330 g



M55	€ 87,00	1	024500055
MV55	€ 34,50	1	024510055



## M60



96T 2-2,5-3-4-5-6-7-8-10 mm  
 97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40  
 944BX 5-6-7-8-10-13 mm



1,9 Kg



M60	€ 387,00	1	024500060
MV60	€ 65,50	1	024510060

## M62



97TTX T10-T15-T20-T25-T27-T30-T40-T45-T50  
 1032 180 mm  
 1034 170 mm  
 1036 175 mm  
 1038 175 mm  
 1177BM 140 mm  
 1188BM 125 mm  
 1257LP 2-2,5-3-3,5 mm  
 1257PH 0-00



2,3 Kg



M62	€ 463,00	1	024500875
MV62	€ 65,50	1	024510875

## M63



952 7-8-10-12-13-14-17-19 mm

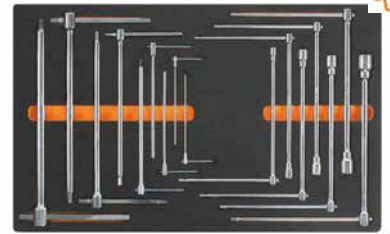


3,4 Kg



M63	€ 351,00	1	024500063
MV63	€ 65,50	1	024510063

## M65



950 8-10-12-13-14-17-19 mm  
 951 2,5-3-4-5-6-8-10-12-14 mm

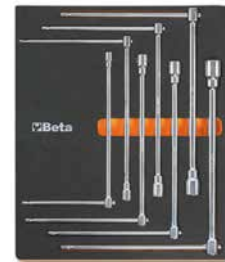


3,6 Kg



M65	€ 540,00	1	024500065
MV65	€ 65,50	1	024510065

## M67



950 7-8-10-12-13-17 mm



1,8 kg



M67	€ 205,00	1	024500067
MV67	€ 46,50	1	024510067

## M69



951 2,5-3-4-5-6-8-10-12-14 mm



1,8 kg



M69	€ 306,00	1	024500069
MV69	€ 46,50	1	024510069

## M75



933 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm



5,5 kg



M75	€ 457,00	1	024500075
MV75	€ 65,50	1	024510075



## M78

17



80 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm

- 920/36A
- 965 450 mm
- 1052 240 mm
- 1058 175 mm
- 1481PL/A
- 1481PL/B
- 1481PL/C
- 1650 150 mm
- 1708/20
- 1716P

4,4 kg

M78	€ 697,00	1	024500878
MV77	€ 65,50	1	024510876

## M79

6



80 8x9 -10x11-12x13 -14x15 16x17-18x19 mm

1,3 kg

M79	€ 307,00	1	024500079
MV79	€ 34,50	1	024510079

## M82

29



- 920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42 305 mm
- ⊕ 920/55

4,1 kg

M82	€ 441,00	1	024500082
MV82	€ 46,50	1	024510082

## M83

24



- 920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25 255 mm
- 920/42 305 mm
- ⊕ 920/55

3,7 kg

M83	€ 347,00	1	024500083
MV83	€ 46,50	1	024510083

## M85

45



- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⊕ 860PH PH0 - PH1 - PH2 - PH3 - PH4
- ⊕ 860PZ PZ1 - PZ2 - PZ3 - PZ4
- ⊕ 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40

- ⊕ 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P 80 mm
- 892 ■ 1/4 - □ 1/4

450 g

M85	€ 202,50	1	024500085
MV85	€ 34,50	1	024510085

## M86

46



- 867PE 4-5-6-7-8-10-12 mm
- 867PE/L 4-5-6-7-8-10-12 mm
- 867XZN 5-6-8-10-12 mm
- 867XZN/L 5-6-8-10-12 mm
- ⊕ 867TX T20-T25-T30-T40-T45-T50-T55
- ⊕ 867TX/L T25-T30-T40-T45-T50-T55
- ⊕ 867RTX T20-T25-T30-T40-T45-T50-T55
- 867/1
- 867/2

1,4 kg

M86	€ 145,50	1	024500086
MV86	€ 34,50	1	024510086

## M91

25



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25 □ 1/4 - ■ 1/4
- 900BG/30
- 900/42
- ⊕ 900/55

560 g

M91	€ 239,00	1	024500091
MV90	€ 34,50	1	024510090

## M92

22



- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55

1,5 kg

M92	€ 268,00	1	024500092
MV92	€ 34,50	1	024510092

## M94

26



- 900AS/L 3/16-7/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AS 3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16
- 900AN 50-100mm
- 900/25
- ⊕ 900/55
- 900/42

930 g

M94	€ 279,00	1	024500094
MV94	€ 34,50	1	024510094

## M96

22



- 920A/AS 3/8-7/16-1/2-9/16-19/32-5/8-11/16-3/4-25/32-13/16-7/8-15/16-1-1-1/16-1-1/8-1-3/16-1-1/4
- 920/25
- 920AN 125-250mm
- 920/42
- ⊕ 920/55

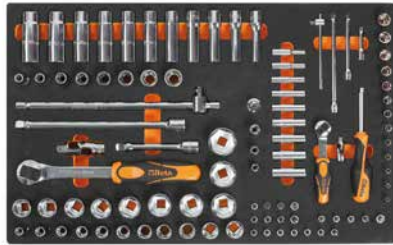
3,8 kg

M96	€ 358,00	1	024500096
MV96	€ 46,50	1	024510096



# M100

98



- 895/1
- 895/3
- 895/6
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/20 50 mm
- 900/20L 100 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20  
21-22-23-24-26-27-28-30-32 mm
- 920/15
- 920/25
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/42
- ⊕ 920/55
- 920FTX 10-12-14-16-18-20-22-24 mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22

6,7 Kg

14" 12"



M100	1.215,00	1	024500100
MV100	65,50	1	024510100

# M105

116



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 895/1
- 895/3
- 895/6
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/16 □ 1/4 - ■ 3/8
- 900/... 50-100-150 mm
- 900/25
- 900BG/30
- 900/42
- ⊕ 900/55
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-  
20-21-22 mm
- 910/15 □ 3/8 - ■ 1/2
- 910/16 □ 3/8 - ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊕ 910/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-  
22-23-24-26-27-28-30-32 mm
- 920/15 □ 1/2 - ■ 3/8
- 920/25
- 920AN 125 - 250 mm
- 920/42
- ⊕ 920/55
- 956E 16-17,8-20,8 mm

7,7 kg

14" 38" 12"



M105	1.320,00	1	024500871
MV105	65,50	1	024510871

# M108

27



- 910MQ/PE 4-5-6-8 mm
- 910MQ/B 7-8-10-11-12-13-14-15-16-17-19 mm
- ⊕ 910MQ/TX T15-T20-T25-T27-T30-T40
- 910MQ/XZN 8-10 mm
- 910MQ/21 125 mm
- 910MQ/22 250 mm
- 910MQ/T
- 910MQ/55

2,7 kg



M108	1.265,00	1	024500108
MV108	65,50	1	024510108

# M110

36



- ⊕ 850MQ
- ⊕ 860TX/A10
- 920MQ/A 8-9-10-11-12-13-14-15-16-17-18-19-20  
mm
- 920MQ/PE 5-6-8-10-12 mm
- 920MQ/21 125 mm
- 920MQ/22 250 mm
- 920MQ/55A
- 943MQ 6-7-8-10 mm

3,1 kg



M110	1.275,00	1	024500110
MV110	65,50	1	024510110

# M112

32



- ⊕ 861TX
- ⊕ 866TX
- 895/1
- 895/6
- ⊕ 900FTX
- ⊕ 920FTX
- ⊕ 920TX
- 1/4-T6+T15
- 5/16-T20+T55
- 1/4x□1/4
- 5/16x□1/2
- 1/4-E4+E10
- 1/2-E12+E24
- 1/2-T55L-T60-T70L

1,3 kg

14" 12"



M112	315,00	1	024500112
MV112	34,50	1	024510112

# M115

54



- ⊕ 666N/20 40+200 Nm
- 920A 13-14-15-16-17-18-19-20-21-22-24-26-  
27-30-32 mm
- 920FTX 12-14-16-18-20-22-24 mm
- 920PE 6-7-8-8L-10-10L-12-12L-14-14L
- ⊕ 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60-  
T20L-T25L-T27L-T30L-T40L-T45L-T50L
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- ⊕ 920/55

7,8 Kg

12"



M115	1.166,00	1	024500115
MV115	65,50	1	024510115



## M120

75



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42
- 920AL 10-12-13-14-15-16-17-18-19-22-24-27-30-32 mm
- ⊗ 920FTX 10-12-14-16-18-20-22-24 mm
- ⊗ 920/55
- 920PE 5-5L-6-6L-7-7L-8-8L-10-10L-12-12L-14-14L
- ⊗ 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60-T20L-T25L-T27L-T30L-T40L-T45L-T50L

6,9 Kg

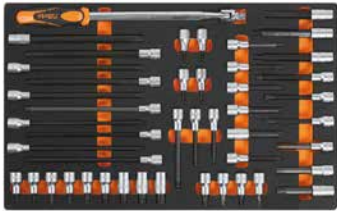
12"



M120	1.300,00	1	024500120
MV120	65,50	1	024510120

## M121

46



- 920BP 5L-6L-8L-10L-5XL-6XL-8XL mm
- ⊗ 920TX T20-T25-T27-T30-T40L-T45L-T50L-T55L-T60L-T70L
- 920XZN 4-5-6-6L-8-8L-10-10L-12-12L-14-14L-16-18 mm
- ⊗ 920ES 7-9-10-11-12L-14L-16L-7XL-9XL-10XL-11XL-12XL-14XL-16XL mm
- 920/36A

6,3 Kg

12"



M121	1.225,00	1	024500121
MV121	65,50	1	024510121

## M125

68



- 910AL 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 920PE 5-6-6L-7-8-8L-10-10L-12-12L mm
- ⊗ 920FTX E12-E14-E16-E18-E20-E22-E24
- ⊗ 920TX T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 920XZN 5-6-6L-8-8L-10-10L-12L mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 1692/5 5 m

7,9 kg

38" 12"



M125	1.280,00	1	024500872
MV125	65,50	1	024510872

## M126

26



- 928A 19-21-22-24-26-27-28-30-32-34-35-36-38-41-46 mm
- 928ME 14-17-19-22 mm
- 928/15 □ 3/4 - ■ 1/2
- 928/16 □ 3/4 - ■ 1
- 928/21 200 mm
- 928/22 380 mm
- 928/25 450 mm
- 928/42 450 mm
- ⊗ 928/55

12,4 kg

34"



M126	970,00	1	024500126
MV126	65,50	1	024510126

## M127

23



- 728 19-21-22-24-27-30-32-33-34-35-36-38-40-41-46
- ⊗ 728FTX 20-22-24 mm
- 728/15 □ 3/4 - ■ 1/2
- 728/16 □ 3/4 - ■ 1
- 728/21 175 mm
- 728/22 250 mm
- 728/25

12,5 kg

34"



M127	937,00	1	024500127
MV127	65,50	1	024510127

## M128

50



- 720 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 720L 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- ⊗ 720TX T30-T40-T45-T50-T55
- 720ME 5-6-8-10-12-14-17-19 mm
- 720LC 17-19-21 mm
- 720/21 125 mm
- 720/25

8,9 kg

12"



M128	951,00	1	024500128
MV128	65,50	1	024510128

## M129

13



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048N 250 mm
- 1052 240 mm
- ⊗ 1082BM 160 mm
- 1098 220 mm
- 1112 250 mm
- 1128BM
- 1150BM 180 mm
- 1166BM 160 mm
- 1168BM 160 mm

3,4 Kg

€



M129	454,00	1	024500129
MV138	65,50	1	024510138

## M133

3



- ⊗ 1082G 160 mm
- 1150G 180 mm
- 1166G 160 mm

650 g

€



M133	85,00	1	024500133
MV133	34,50	1	024510133

## M134

3



- ⊗ 1082GBM 160 mm
- 1150GBM 180 mm
- 1166GBM 160 mm

750 g

€



M134	108,00	1	024500134
MV134	34,50	1	024510134



### M135



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

750 g



M135	182,50	1	024500135
MV135	34,50	1	024510135

### M136



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g



M136	123,00	1	024500136
MV131	34,50	1	024510131

### M137



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g



M137	100,50	1	024500137
MV132	34,50	1	024510132

### M145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g



M145	135,00	1	024500145
MV145	34,50	1	024510145

### M153



- 1048N 250 mm
- 1052 240 mm

1 kg



M153	97,50	1	024500153
MV154	34,50	1	024510154

### M161



- 1128MQ
- 1048MQ 250 mm
- 1082MQ 160 mm
- 1150MQ 180 mm
- 1162MQ 160 mm
- 1164MQ 160 mm
- 1272MQ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1777MQ/U

3,0 kg



M161	530,00	1	024500161
MV161	65,50	1	024510161

### M162



- 1241 5,5x100-6,5x125-8x150-10x200 mm
- 1242 PH1x100-PH2x100-PH3x150-PH4x200 mm

1,4 kg



M162	149,00	1	024500162
MV162	46,50	1	024510162



### M166



- 860MIX/A31

- 1048N 250 mm
- 1082BM 160 mm
- 1150BM 180 mm
- 1162BM 160 mm
- 1290 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1290N 6,5x30 mm
- 1292 4,5x80-6x100-8x150 mm
- 1292N 6x30 mm
- 1297TX T20-T25-T27-T30

2,9 kg



M166	463,00	1	024500879
MV880	65,50	1	024510880

### M170



- 1290 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm

500 g



M170	78,50	1	024500170
MV170	34,50	1	024510170

### M172



- 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150 mm

450 g



M172	71,50	1	024500172
MV172	34,50	1	024510172





## M174



6

● 1297TX T8-T10-T15-T20-T25-T30

450 g



M174	€ 105,00	1	024500174
MV174	€ 34,50	1	024510174

## M180



7

● 1290 3x75  
4x100  
5,5x150  
6,5x150 mm  
⊕ 1292 PH0x60  
PH1x80  
PH2x100 mm

500 g



M180	€ 82,00	1	024500180
MV180	€ 34,50	1	024510180

## M195



25

● 1260 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm  
● 1260N 4x30 mm  
⊕ 1262 PH0x60-PH1x80-PH2x100-PH3x150 mm  
⊕ 1262N PH1x30 mm  
● 1267TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45  
● 1253 3,5x100 mm

2,3 kg



M195	€ 323,00	1	024500195
MV195	€ 65,50	1	024510195

## M201



6

● 1260 3x75-4x100-6,5x150 mm  
⊕ 1262 PH0x60-PH1x80-PH2x100 mm

500 g



M201	€ 82,00	1	024500201
MV201	€ 34,50	1	024510201

## M204



6

● 1267TX T8-T10-T15-T20-T25-T30

450 g



M204	€ 82,00	1	024500204
MV204	€ 34,50	1	024510204

## M208



10

● 1260 3x75  
3,5x100  
4x125  
5,5x150  
6,5x150 mm  
⊕ 1262 PH0x60  
PH1x80  
PH2x100 mm  
● 1260N 4x30 mm  
⊕ 1262N PH1x30 mm

750 g



M208	€ 94,00	1	024500208
MV208	€ 46,50	1	024510208

## M209



10

● 1260N 4x30 mm  
● 1264 2,5x60 - 3x100  
- 4x125 - 5x150 -  
6,5x150 mm  
⊕ 1262 PH0x60 - PH1x80 -  
PH2x100 mm  
⊕ 1262N PH1x30 mm

820 g



M209	€ 92,50	1	024500209
MV208	€ 46,50	1	024510208

## M213



25

● 1201E 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm  
● 1201EN 4x30 mm  
⊕ 1202E PH0x60-PH1x80-PH2x100-PH3x150 mm  
⊕ 1202EN PH1x30 mm  
● 1207E/TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45  
● 1253 3,5x100 mm

1,8 Kg



M213	€ 221,00	1	024500213
MV210	€ 65,50	1	024510210

## M214



7

● 1201E 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm

500 g



M214	€ 46,00	1	024500214
MV211	€ 34,50	1	024510211

## M216



6

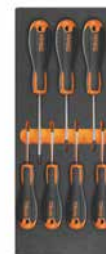
⊕ 1202E PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm

450 g



M216	€ 49,50	1	024500216
MV212	€ 34,50	1	024510212

## M217



7

● 1207E/TX T6-T7-T8-T9-T10-T15-T20

500 g



M217	€ 63,50	1	024500217
MV215	€ 34,50	1	024510215



## M218



- 1201E 3x75  
4x100  
5,5x150  
6,5x150 mm
- ⊕ 1202E PH0x60  
PH1x80  
PH2x100 mm

500 g



M218	€ 48,50	1	024500218
MV220	€ 34,50	1	024510220

## M219



- ⊕ 1202E 3x60 - 4,5x80 - 6x100 mm
- 1204E 3x75 - 4x100 - 5x150 - 6,5x150 mm

590 g



M219	€ 48,00	1	024500219
MV220	€ 34,50	1	024510220

## M222



- ⊕ 1272MQ PH0x60 mm
- ⊕ 1272MQF PH1x80 - PH2x100 mm
- 1274MQF 3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm

540 g



M222	€ 137,00	1	024500222
MV222	€ 34,50	1	024510222

## M226



- 1274MQ 3x100  
4x100  
5,5x125  
6,5x150 mm
- ⊕ 1272MQ PH0x60  
PH1x80  
PH2x100 mm

500 g



M226	€ 105,00	1	024500226
MV226	€ 34,50	1	024510226

## M227



- 944BX 6-7-8-10-13 mm

420 g



M227	€ 129,50	1	024500227
MV227	€ 34,50	1	024510227

## M230



- 30 Ø 2-3-4 mm
- 31 Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm
- 34 150 mm
- 35 200-250 mm
- 36 125 mm
- 1370 500 g
- 1390 Ø 35 mm
- 1692 3 m
- 1712TF
- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1737NX
- 1771 18 mm

3,2 Kg



M230	€ 419,00	1	024500230
MV230	€ 65,50	1	024510230

## M231



- 31 2-3-4-5-6-8 mm
- 32 4 mm
- 34 125-150-175 mm
- 36 125 mm
- 1370 500-1000 g
- 1390 Ø 35 mm
- 1712TF 590 mm
- 1715 670 mm
- 1719BMA8/Q 200 mm
- ▲ 1719BMA8/T 200 mm
- 1719BMA8/P 200 mm
- ▶ 1719BMA8/M 200 mm
- 1719BMA8/R 200 mm
- 1737NX

4,7 kg



M231	€ 404,00	1	024500877
MV231	€ 65,50	1	024510877

## M234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg



M234	€ 105,00	1	024500234
MV232	€ 34,50	1	024510232

## M236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



M236	€ 105,00	1	024500236
MV236	€ 34,50	1	024510236



## M237



35 100-200 mm  
1370T 300 mm  
1390N Ø 35 mm

1,3 kg



M237	114,50	1	024500237
MV232	34,50	1	024510232

## M240



31BM Ø 2-3-4-5-6-8 mm  
32 Ø 4 mm

850 g



M240	137,00	1	024500240
MV240	34,50	1	024510240

## M264



1491 Ø 65+110 mm  
■ 1494 ■ 10 mm  
○ 1494E ○ 8-9-10-11-12-14-17 mm  
○ 1494Q ○ 8-9,5-12-13 mm  
△ 1494T △ 9,5  
○ 1494XZN ○ 16  
1496C ■ 8x ■ 10 mm

2,1 kg



M264	244,00	1	024500264
MV264	34,50	1	024510264

## M284



1128BMX  
1130BMX  
■ 1719BMA...Q 200 mm  
▲ 1719BMA...P 200 mm  
▶ 1719BMA...M 200 mm  
● 1719BMA...R 200 mm  
1726BM 400 mm  
1728BM (5)  
1771BM 170 mm  
1778V18 185 mm

2,4 Kg



M284	248,50	1	024500284
MV284	65,50	1	024510284

## M285



1112 250 mm  
1128BM  
1726 440 mm  
1728BM (5)  
1753 200 cc

1,5 kg



M285	129,50	1	024500285
MV285	65,50	1	024510285

## M289



1692 5 m  
1725CR  
1755 30 cc  
1771

500 g



M289	52,50	1	024500289
MV289	34,50	1	024510289

## M292



111E 250 mm  
1128BMX  
1692/5 5 m  
1771 170 mm

500 g



M292	117,50	1	024500292
MV293	34,50	1	024510293

## M295



1650  
1682 L=300 mm  
1707  
1708/20

450 g



M295	120,50	1	024500295
MV295	34,50	1	024510295

## M305



1927B  
○ 720 12-13-14-15-16-17  
18-19-21-22  
24-27 mm  
720/21

4,2 kg



M305	418,00	1	024500305
MV305	46,50	1	024510305

## M310



1927CD  
○ 720 12-13-14-15-16-17  
18-19-21-22  
24-27 mm  
720/21

4,0 kg



M310	630,00	1	024500310
MV310	46,50	1	024510310

# Beta



## M400



- 3932U
- 3935 120 mm
- 3937 170 mm
- 3952 13-14-15-16-17-18-19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U 3,2 - 4,0 mm
- 3969 200 mm (x2)
- 3969K3 113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1 Ø35 mm
- 3984/2 Ø22,8 mm
- 3984/3 Ø23,5 mm
- 3984/4 Ø23 mm
- 3991 222 mm
- 3992 234 mm

3,1 kg



	€	1	024500400
M400	619,00	1	024500400
MV400	65,50	1	024510400

## M401



- 3921 440 mm
- 3948
- 3953
- 3955 30x32 - 32x36 mm
- 3967 289 mm
- 3971

2,7 kg



	€	1	024500401
M401	372,00	1	024500401
MV401	65,50	1	024510401

**RSC22**  
**RSC23**  
**RSC23C**  
**C27S**

277 mm

147 mm

1/4

277 mm

588 mm

1

MC

503

518

**C41S**  
**C41H**

205 mm

418 mm

MC

503

**MC10**

42

6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-21-22 mm

96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

1084BM 160 mm

1150G 180 mm

1166G 160 mm

1201E 3,5x100-5,5x150-6,5x150 mm

1202E PH0x60-PH1x80-PH2x100 mm

3,5 kg

€

395,00 1 027500011

46,50 1 027510010

**MC12**

42

6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm

96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

1692/5 5 m

2,2 kg

€

262,00 1 041500012

46,50 1 041510011

**MC20**

860MIX/A31

895/1

1048N 250 mm

1370 300 g

32 Ø 4 mm

36 Ø 4 mm

900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

900/21 150 mm

900/25

900BG/30C

900/42

900/55

920A 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm

920/25

920AN/125 125 mm

920/42

920/55

12"

6 kg

€

614,00 1 027500020

46,50 1 027510021

**MC21**

920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm

920/25

920/42

920/55 125-250 mm

920AN

4,3 kg

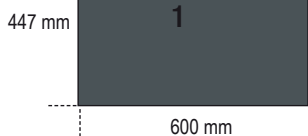
€

347,00 1 041500021

46,50 1 041510021



C35



504÷506



### MB12

30



- 42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 55 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm
- 1048N 250 mm

5,4 kg

MB12	592,00	1	024504212
MBV13	179,00	1	024524213

### MB38

80



- 96T 2-2,5-3-4-5-6-7-8 mm
- 851SR 230 mm
- 860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 860PH PH0 - PH1 - PH2 - PH3 - PH4
- 860PZ PZ1 - PZ2 - PZ3 - PZ4
- 860RTX T9-T10-T15-T20-T25-T27-T30-T40
- 860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 860/55 100 mm
- 882P
- 892/0
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

5,9 kg

MB38	804,00	1	024504238
MBV35	179,00	1	024524235

### MB39

39



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42
- 920/55
- 920PE 5-6-8-10-12 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 35 200 mm
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1370 500 g
- 1390 35 mm

7,2 kg

MB39	779,00	1	024504239
MBV36	179,00	1	024524236

### MB44

34



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 1260N 4x30-6,5x30 mm
- 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm
- 1262N PH1x30-PH2x30 mm
- 1253
- 96BPC/SC9
- 951 2,5-3-4-5-6-8 mm

2,8 kg

MB44	399,00	1	024504244
MBV44	179,00	1	024524244

# Beta

Quality Tools

### MB37

52



- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
  - 920/21 125 mm
  - 920/22 150 mm
  - 920/25
  - 920/42
  - 920/55
  - 111E 250 mm
  - 1052 240 mm
  - 1084BM 160 mm
  - 1150BM 180 mm
  - 1166BM 160 mm
  - 1032 180 mm
  - 1034 170 mm
  - 1036 175 mm
  - 1038 175 mm
  - 900 4,4-5,5-5,5-6-7-8-9-10-11-12-13-14 mm
  - 900/20 50 mm
  - 900/21 150 mm
  - 900/25
  - 900BG/30
  - 900/55
  - 900/42
- 7,0 kg

MB37	922,00	1	024504237
MBV40	179,00	1	024524240



## MB45

29



- 1260 2,5x50-3x75-3,5x100-4x100-5,5x100-5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH0x100-PH1x80-PH1x120-PH2x100-PH2x150 mm
- ⊗ 1267TX T8-T10-T15-T20-T25-T30
- 1052 240 mm
- 96BPC/SC9

2,8 kg



MB45	297,00	1	024504245
MBV45	179,00	1	024524245

## MB46

29



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- ⊗ 1267TX T8-T10-T15-T20-T25-T30
- 96BPC/SC9
- 96T 2-2,5-3-4-5-6
- 1052 240 mm

2,8 kg



MB46	331,00	1	024504246
MBV46	179,00	1	024524246

## MB47

48



- 1260 3x75-4x100-5,5x125-6,5x150 mm
- ⊕ 1262 PH0x60-PH1x80-PH2x100 mm
- 1260N 4x30 mm
- ⊕ 1262N PH1x30 mm
- 96T 2,5-3-4-5-6-8 mm
- 96BPC/SC9
- 920A 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 920/21 125 mm
- 920/22 250 mm
- 920/25
- 920/42
- ⊗ 920/55

5,6 kg

12"



MB47	637,00	1	024504247
MBV47	179,00	1	024524247

## MB56

15



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1370T 300 g
- 1390N Ø 35 mm
- 35 200 mm
- 1692 5 mt
- 1725CR 260 mm
- 1771 18 mm

3,7 kg



MB56	378,00	1	024504256
MBV56	179,00	1	024524256

## MB58

17



- 31 Ø 2-3-4-5-6 mm
- 32 Ø 4 mm
- 35 200 mm
- 1112 250 mm
- 1128BMX
- 1370 500 g
- 1390 Ø 45 mm
- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 1726 440 mm

4,5 kg



MB58	378,00	1	024504258
MBV55	179,00	1	024524255



## MB59

15



- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 31 Ø 4-6 mm
- 32 Ø 4 mm
- 35 125-200 mm
- 1370 300 g
- 1390 Ø 35 mm
- 1692 5 mt
- 1725 420 mm
- 1833XS/2

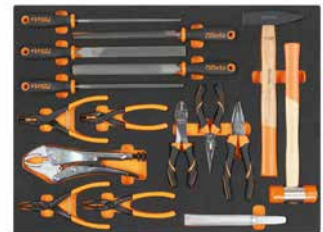
3,4 kg



MB59	316,00	1	024504259
MBV57	179,00	1	024524257

## MB65

16



- 1719BMA...Q 200 mm
- 1719BMA...P 200 mm
- 1719BMA...T 200 mm
- 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 35 200 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1052 240 mm
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1370 500 g
- 1390 Ø 35 mm

4,8 kg

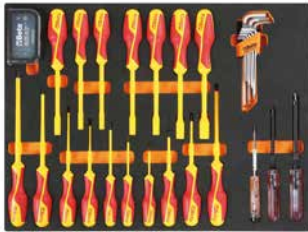


MB65	490,00	1	024504265
MBV61	179,00	1	024524261



## MB63

60



- 96BPC/SC9
- 1250 4x125 mm
- ⊕ 1251 PH1x125 mm
- 1253
- 943MQ 5,5-6-7-8-10-13 mm
- ⊕ 1272MQ PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1274MQ 2,5x75-3x100-4x100-5,5x125-6,5x150-8x175 mm
- 860LP 0,5x3 - 0,6x4 - 0,8x5,5  
1,0x5,5 - 1,2x6,5 mm
- 860PE 2 - 2,5 - 3 - 4 - 5 - 6  
8 - 10 mm
- ⊕ 860PH PH0 - PH1 - PH2 - PH3 - PH4
- ⊕ 860PZ PZ1 - PZ2 - PZ3 - PZ4
- ⊕ 860RTX T9 - T10 - T15 - T20  
T25 - T27 - T30 - T40
- 882MSR 50 ○ 1/4 ● 1/4
- 850MQ

3,2 kg

MB63	€ 511,00	1	024504263
MBV63	€ 179,00	1	024524263

## MB64

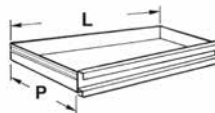
20



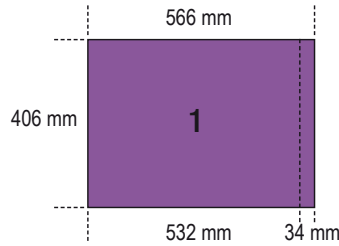
- 55 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm
- 1048MQ 250 mm
- 1082MQ 140 mm
- 1128BSX
- 1132MQ 230 mm
- 1142MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm
- 1168MQ 160 mm
- 110MQ 250 mm
- 1777MQ
- 993MQ
- 1602

4,1 kg

MB64	€ 849,00	1	024504264
MBV62	€ 179,00	1	024524262



## C45PRO



506

## MM11

30



- 42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,5 kg

MM11	€ 411,00	1	024580011
MMV10	€ 65,50	1	024590010

## MM61

17



- 96T 2-2,5-3-4-5-6-7-8 mm
- 1390 Ø 35
- 1370 300 g
- 35 100-200 mm
- 1719BMA8/S5 200 mm

2,9 kg

MM61	€ 331,00	1	024580061
MMV61	€ 65,50	1	024590061

## MM63

8



- 952 7-8-10-12-13-14-17-19 mm

3,4 kg

MM63	€ 377,00	1	024580063
MMV63	€ 65,50	1	024590063

## MM105

107



- 895/1 ○ 1/4 □ 1/4
- 895/3 ○ 1/4 □ 3/8
- 895/6 ○ 5/16 □ 1/2
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊕ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/16
- 900/... 50-100-150 mm
- 900/25
- 900BG/30 176 mm
- 900/42 115 mm
- 900/55 125 mm
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/15 □ 3/8 ■ 1/4
- 910/16 □ 3/8 ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42 210 mm
- 910/55 200 mm
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1/2 ■ 3/8
- 920/15
- 920/25
- 920AN 125-250 mm
- 920/42 305 mm
- 920/55 275 mm
- 956E 16 mm (5/8")-17,8 (11/16")-20,8 (13/16")

7,2 kg

MM105	€ 1.275,00	1	024580105
MMV105	€ 65,50	1	024590105



## MM140

52



- 97TTX T10-T15-T20-T25-T30
- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048N 250 mm
- 1052 240 mm
- 1256/C36-2

2,2 kg



MM140	€ 491,00	1	024580141
MMV142	€ 65,50	1	024590142

## MM210

25



- 1201E 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1201EN 4x30 mm
- 1202E PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1202EN PH1X30 mm
- 1207E/TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1253

2,1 kg



MM210	€ 221,00	1	024580211
MMV210	€ 65,50	1	024590210



## MM400

29



- 3932U
- 3935 120 mm
- 3937 170 mm
- 3952 13-14-15-16-17-18-19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U 3,2 - 4,0 mm
- 3969 200 mm (x2)
- 3969K3 113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1
- 3984/2
- 3984/3
- 3984/4
- 3991 222 mm
- 3992 234 mm

3,1 kg



MM400	€ 619,00	1	024580400
MMV400	€ 65,50	1	024590400

## MM401

7



- 3921 440 mm
- 3948
- 3953
- 3955 30x32 mm - 32x36 mm
- 3967 289 mm
- 3971

2,7 kg



MM401	€ 372,00	1	024580401
MMV401	€ 65,50	1	024590401

## VPM0

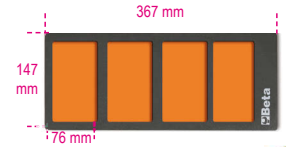
soft thermoformed tray with tote tray



VPM0	€ 27,00	1	088870350
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## VPM3

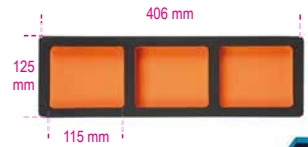
soft thermoformed tray with 4 tote trays



VPM3	€ 27,00	1	088870353
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## VPM7

soft thermoformed tray with 3 tote trays



VPM7	€ 28,50	1	088870356
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## VPM8

soft thermoformed tray with tote tray



VPM8	€ 22,00	1	088870357
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## VPM9

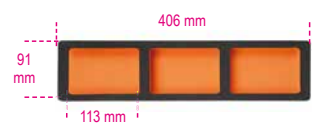
soft thermoformed tray with tote tray



VPM9	€ 21,30	1	088870358
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## VPM7-C

soft thermoformed tray with tote tray



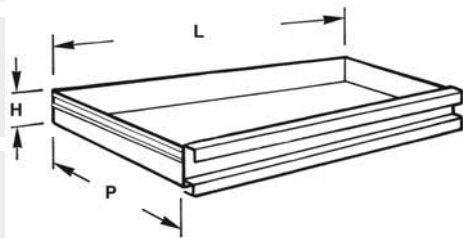
VPM7-C	€ 33,50	1	088870360
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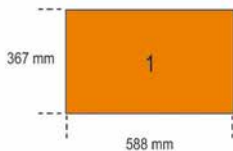
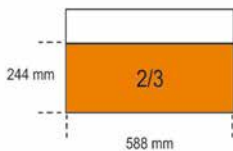
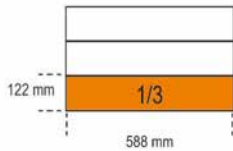
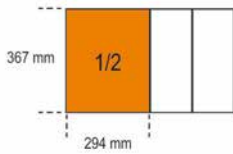
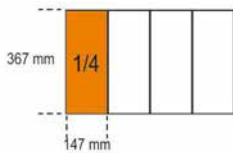
# Hard thermoformed trays T-series



Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.



H	LxP
mm	mm
70	588x367



## T01



42 6-7-8-10-11-12-13  
14-16-17-18-19-21  
22-24-27-30 mm

2,7 kg

	€	1	024240001
T01	269,00	1	024240001
TV10	34,00	1	024000400

## T05



42 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1,5 kg

	€	1	024240005
T05	204,50	1	024240005
TV15	25,50	1	024000445

## T06



42 22-24-27-30-32 mm

2,1 kg

	€	1	024240006
T06	145,50	1	024240006
TV16	25,50	1	024000446

## T13



42SLIM 8-10-11-12  
13-14-15-16-17  
18-19 mm

1,5 kg

	€	1	024240013
T13	153,50	1	024240013
TV13	25,50	1	024249913

## T18



42MP 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1,5 kg

	€	1	024240018
T18	299,00	1	024240018
TV15	25,50	1	024000445

## T19



42MP 22-24-27-30-32 mm

2,1 kg

	€	1	024240019
T19	197,00	1	024240019
TV16	25,50	1	024000446

## T22



42AS 5/16-3/8-7/16-1/2  
9/16-5/8-11/16-3/4  
○96AS/BG7 3/32-1/8-5/32-3/16  
1/4-5/16-3/8

1 kg

	€	1	024240022
T22	161,00	1	024240022
TV20	25,50	1	024000488

## T23



42INOX 8-10-11-12-13-14-15-  
17-19 mm  
○96BPINOX 2,5-3-4-5-6-8-10 mm

1 kg

	€	1	024240023
T23	273,00	1	024240023
TV23	25,50	1	024249906



### T31



31 Ø 2-3-4-5-6 mm  
 32 Ø 4 mm  
 55 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19  
 20x22-21x23  
 24x26-27x29  
 30x32 mm  
 ○ 96N/SC9 1,5+10 mm

3 kg



T31	€ 226,00	1	024240031
TV30	€ 34,00	1	024000401

### T33



55 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19  
 20x22 mm  
 ○ 96/SC9 1,5+10 mm

1 kg



T33	€ 96,50	1	024240033
TV20	€ 25,50	1	024000488

### T34



55MP 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19  
 20x22 mm  
 ○ 96/SC9 1,5+10 mm

1 kg



T34	€ 122,00	1	024240034
TV20	€ 25,50	1	024000488

### T40



90 6x7-8x9-10x11  
 12x13-14x15  
 16x17-18x19 mm

810 g



T40	€ 106,00	1	024240040
TV40	€ 25,50	1	024000456

### T41



90 20x22-21x23  
 24x26-25x28  
 27x29 mm

1,5 kg



T41	€ 157,50	1	024240041
TV41	€ 25,50	1	024000457

### T45



142 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,3 kg



T45	€ 316,00	1	024240045
TV45	€ 25,50	1	024000498

### T46



142SN 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,5 kg



T46	€ 375,00	1	024240046
TV46	€ 25,50	1	024000499

### T48



○ 96BPC/SC9 1,5+10 mm  
 142C 8-9-10-11-12  
 13-14-15-16  
 17-18-19 mm

1,4 kg



T48	€ 269,00	1	024240048
TV47	€ 25,50	1	024000763

### T50



○ 96T 2-2,5-3-3,5-4-4,5  
 5-6-7-8-10 mm

1,3 kg



T50	€ 178,50	1	024240050
TV50	€ 34,00	1	024000764

### T52



○ 96T 2-2,5-3-4-5-6 mm

350 g



T52	€ 87,50	1	024240052
TV52	€ 25,50	1	024000765

### T53



○ 96BTP 2,5-3-4-5-6 mm

300 g



T53	€ 78,50	1	024240053
TV52	€ 25,50	1	024000765

### T55



○ 97TTX T10-T15-T20  
 T25-T27-T30

330 g



T55	€ 101,00	1	024240055
TV55	€ 25,50	1	024000766

## T57



96TINOX 2,5-3-4-5-6 mm



350 g

T57	83,50	1	024240057
TV57	25,50	1	024249907

## T59



- 111E 250 mm
- 920/40 1/2
- 951 2,5-3-4-5-6-8 mm
- 953 4-5-6-8 mm
- 1370 300 - 500 g

4,7 kg

T59	451,00	1	024240059
TV60	50,50	1	024000420

## T63



952 7-8-10-12-13-14-17-19 mm

3,8 kg

T63	342,00	1	024240063
TV63	42,00	1	024000471

## T64



952FTX E10-E12-E14  
953TX T25-T27-T30-T40-T45

3,8 kg

T64	419,00	1	024240064
TV63	42,00	1	024000471

## T65



953 3-3,5-4-5-6-7-8-10 mm

2,8 kg

T65	326,00	1	024240065
TV63	42,00	1	024000471

## T68



951 2,5-3-4-5-6-8 mm

590 g

T68	146,00	1	024240068
TV68	25,50	1	024000470

## T73



930 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm

940/1  
940/2

1,3 kg

T73	217,50	1	024240073
TV73	25,50	1	024000418

## T75



933 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4,2 kg

T75	444,00	1	024240075
TV75	50,50	1	024000422

## T76



932 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4,2 kg

T76	444,00	1	024240076
TV75	50,50	1	024000422

## T77



933 6-7-8-10-11-12-13-14-17-19 mm

1,4 kg

T77	221,50	1	024240077
TV77	25,50	1	024000474

## T79



80 8x9-10x11-12x13-14x15-16x17-18x19 mm

1,3 kg

T79	296,00	1	024240079
TV79	25,50	1	024000490

## T80

29



- 920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

4,1 kg

12"



T80	€ 415,00	1	024240080
TV80	€ 34,00	1	024000403

## T81

29



- 920B 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

4,1 kg

12"



T81	€ 415,00	1	024240081
TV80	€ 34,00	1	024000403

## T82

29



- 920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm
- 920ME 5-6-8-10-12 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

4,1 kg

12"



T82	€ 428,00	1	024240082
TV80	€ 34,00	1	024000403

## T83

24



- 920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

3,6 kg

12"



T83	€ 321,00	1	024240083
TV83	€ 34,00	1	024000402

## T85

81



- 861LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
- 861PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⊕ 861PH PH0 - PH1 - PH2 - PH3
- ⊕ 861PZ PZ1 - PZ2 - PZ3
- ⊕ 861TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 861RTX T9-T10-T15-T20-T25-T27-T30-T40
- ⊕ 861TRW 1-2-3-4-5-6 mm
- ⊕ 861TQS 0-1-2-3-4-5-6-8-10 mm
- ⊕ 861SP 4-6-8-10-12 mm
- 851SR 230 mm
- 900 4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm
- 900/21 150 mm
- 900/25 41 mm
- 900BG/30 176 mm
- 900/42 115 mm
- Ⓢ 900/55 125 mm
- 194 1/4x5/16

1,0 kg

14"



T85	€ 350,00	1	024240085
TV85	€ 34,00	1	024000747

## T91

25



- 900 4-4,5-5-5,5-6  
7-8-9-10-11  
12-13-14 mm
- 900ME 2,5-3-4-5-6-8 mm
- 900/20 50 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42 115 mm
- Ⓢ 900/55

560 g

14"



T91	€ 224,50	1	024240091
TV90	€ 25,50	1	024000447

## T92

22



- 910A 6-7-8-9-10-11-12-13  
14-15-16-17-18-19  
20-21-22 mm
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42 210 mm
- Ⓢ 910/55

1,5 kg

38"



T92	€ 254,00	1	024240092
TV92	€ 25,50	1	024000458

## T99

16



- 920INOX-A 10-12-13-14-15-16-17  
18-19-21-22-24-27  
30-32 mm
- Ⓢ 920/55INOX



2,7 kg

12"



T99	€ 1.172,00	1	024240099
TV99	€ 25,50	1	024249908

## T100

16



- 920A 10-12-13-14-15  
16-17-18-19-21  
22-24 mm
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T100	€ 230,00	1	024240100
TV100	€ 25,50	1	024000495

## T101

16



- 920B 10-12-13-14-15  
16-17-18-19-21  
22-24 mm
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T101	€ 230,00	1	024240101
TV100	€ 25,50	1	024000495

## T102

16



- 920AS 3/8-7/16-1/2  
9/16-5/8-11/16  
3/4-13/16-7/8  
15/16-1-1.1/16
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T102	€ 251,00	1	024240102
TV100	€ 25,50	1	024000495



## T103



- 900L 6-7-8-9-10-11-12 mm
- 920AL 13-14-16-17-18-19-21-22-24-27 mm

1,1 kg

14" 12"



T103	€ 301,00	1	024240103
TV103	€ 25,50	1	024000748

## T105



- 928A 22-24-27-30-32-34-36-38-41-46-50 mm

4,9 kg

34"



T105	€ 300,00	1	024240105
TV105	€ 25,50	1	024000484

## T106



- 928/21 200 mm
- 928/22 380 mm
- 928/42 450 mm
- 928/55

4,5 kg

34"



T106	€ 318,00	1	024240106
TV106	€ 25,50	1	024000485

## T111



- 720 10-13-15-17-18-19-21-22-24-27-30-32 mm
- 720LC 17-19-21 mm
- 720/21 125 mm

2,7 kg

12"



T111	€ 256,00	1	024240111
TV111	€ 25,50	1	024000476

## T112



- 861TX ● 1/4-T6+T15
- 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- 900FTX □ 1/4-E4+E10
- 920FTX □ 1/2-E12+E24
- 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"



T112	€ 304,00	1	024240112
TV112	€ 25,50	1	024000480

## T113



- 920PE 5L-6L-7L-8L-10L
- 920TX T40L-T45L T55L-T70L
- 920XZN M6L-M8L-M12L

1,5 kg

12"



T113	€ 268,00	1	024240113
TV113	€ 25,50	1	024000489

## T124



- ◄ 1082GBM 160 mm
- ▬ 1150GBM 180 mm
- 1166GBM 160 mm

640 g



T124	€ 102,00	1	024240124
TV135	€ 25,50	1	024000762

## T135



- ◄ 1082MQ 160 mm
- ▬ 1150MQ 180 mm
- 1166MQ 160 mm

△ 1000 V

750 g



T135	€ 171,00	1	024240135
TV135	€ 25,50	1	024000762

## T136



- 1048MQ 250 mm
- 1777MQ/U

△ 1000 V

700 g



T136	€ 122,00	1	024240136
TV136	€ 25,50	1	024000438

## T121



- 666N/20 40 - 200 Nm

1,4 kg

12"



T121	€ 297,00	1	024240121
TV121	€ 25,50	1	024000767

## T123



- ◄ 1082G 160 mm
- ▬ 1150G 180 mm
- 1166G 160 mm

550 g



T123	€ 80,50	1	024240123
TV135	€ 25,50	1	024000762

## T137



- ◄ 1084BM 160 mm
- ▬ 1150BM 180 mm
- 1166BM 160 mm

750 g



T137	€ 115,00	1	024240137
TV130	€ 25,50	1	024000451

### T138



- ◄ 1084 160 mm
- ▬ 1150 180 mm
- 1166 160 mm

650 g



T138	€ 95,00	1	024240138
TV130	€ 25,50	1	024000451

### T140



- ◉ 1032 140x0,9 - 180 mm
- ◉ 1034 170 mm
- 1036 140x1,3 - 175 mm
- 1038 175 mm
- ◄ 1084 160 mm
- 1128BM

1,1 kg



T140	€ 233,50	1	024240140
TV140	€ 34,00	1	024000405

### T144



- 1048N 250 mm
- 1052 240 mm
- 1112 250 mm
- ▬ 1150 180 mm

1,8 kg



T144	€ 135,00	1	024240144
TV143	€ 34,00	1	024000409

### T145



- ◉ 1032 180 mm
- ◉ 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g



T145	€ 128,50	1	024240145
TV145	€ 25,50	1	024000448

### T146



- ◉ 1032 140x0,9 mm
- ◉ 1032 225 mm
- 1036 140x1,3 mm
- 1036 225 mm

700 g



T146	€ 135,50	1	024240146
TV146	€ 25,50	1	024000449

### T151



- 1047 240 mm
- 1057A 240 mm

1,3 kg



T151	€ 116,50	1	024240151
TV150	€ 25,50	1	024000462

### T153



- 1048N 250 mm
- 1052 240 mm

1,1 kg



T153	€ 71,00	1	024240153
TV150	€ 25,50	1	024000462

### T156



- ◄ 1082 160 mm
- ▬ 1150 180 mm
- 1048N 250 mm

1 kg



T156	€ 93,00	1	024240156
TV148	€ 25,50	1	024000500

### T157



- ◄ 1082BM 160 mm
- ▬ 1150BM 180 mm
- 1048BM 250 mm

1,1 kg



T157	€ 127,50	1	024240157
TV148	€ 25,50	1	024000500

### T160



- 1290 3x75
- 3x100
- 4x100
- 4x150
- 5,5x100
- 5,5x150
- 6,5x150
- 8x150
- 10x200 mm
- 1290N 4x30
- 6,5x30 mm

1,3 kg



T160	€ 137,50	1	024240160
TV160	€ 34,00	1	024000706

### T161



- ◉ 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150
- PH3x150 mm
- PH1x30
- PH2x30 mm
- ◉ 1292N

1 kg



T161	€ 108,00	1	024240161
TV161	€ 34,00	1	024000707

### T164



- ◉ 952 8-10-13-17-19mm
- 959 16mm (5/8") - 20,8mm (13/16")
- 1260 3x75-4x100-5,5x100-6,5x150-10x200mm
- ◉ 1262 PH0x60-PH1x80-PH2x100-PH3x150mm

5 kg



T164	€ 476,00	1	024240164
TV61	€ 50,50	1	024000721

## T167



- 1260 3x75  
3x100  
4x100  
4x150  
5,5x100  
5,5x150  
6,5x150  
8x150  
10x200 mm
- 1260N 4x30  
6,5x30 mm

1,3 kg

T167	€ 113,50	1	024240167
TV160	€ 34,00	1	024000706

## T168



- 1262 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150  
PH3x150 mm
- 1262N PH1x30  
PH2x30 mm

1 kg

T168	€ 90,00	1	024240168
TV161	€ 34,00	1	024000707

## T170



- 1290 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

450 g

T170	€ 74,50	1	024240170
TV170	€ 25,50	1	024000741

## T171



- 1290 8x150  
8x200  
10x200 mm
- 1290N 4x30  
6,5x30 mm

750 g

T171	€ 82,50	1	024240171
TV171	€ 25,50	1	024000742

## T172



**Betamax**  
BEST QUALITY PERFORMANCE

- 1292 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

450 g

T172	€ 68,00	1	024240172
TV172	€ 25,50	1	024000743

## T173



**Betamax**  
BEST QUALITY PERFORMANCE

- 1292 PH3x150  
PH4x200 mm
- 1292N PH1x30  
PH2x30 mm

560 g

T173	€ 66,50	1	024240173
TV173	€ 25,50	1	024000744

## T175



**Betamax**  
BEST QUALITY PERFORMANCE

- 1297TX T6-T7-T8-T9  
T10-T15-T20

410 g

T175	€ 106,00	1	024240175
TV175	€ 25,50	1	024000760

## T176



**Betamax**  
BEST QUALITY PERFORMANCE

- 1297TX T25-T27-T30  
T40-T45

640 g

T176	€ 98,00	1	024240176
TV176	€ 25,50	1	024000761

## T177



**Betamax**  
BEST QUALITY PERFORMANCE

- 1298RTX T9-T10-T15  
T20-T25-T27  
T30-T40

680 g

T177	€ 148,00	1	024240177
TV177	€ 25,50	1	024000759

## T180



**Betamax**  
BEST QUALITY PERFORMANCE

- 1290 3x75  
4x100  
5,5x150  
6,5x150 mm
- 1292 PH0x60  
PH1x80  
PH2x100 mm

480 g

T180	€ 77,50	1	024240180
TV180	€ 25,50	1	024000701

## T183



**Betamax**  
BEST QUALITY PERFORMANCE

- 1292L PH1x400-PH2x400 mm
- 1294L 3x300-4x400-5x400 mm

580 g

T183	€ 105,00	1	024240183
TV183	€ 25,50	1	024000497

## T198



- 1260 3x75  
4x100  
5,5x150  
6,5x150 mm
- 1269PZ P20 - P21 - P22

490 g

T198	€ 67,00	1	024240198
TV180	€ 25,50	1	024000701



## T199



- 1260 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

490 g



T199	€ 60,50	1	024240199
TV170	€ 25,50	1	024000741

## T201



- 1260 8x200  
10x150  
10x200 mm
- 1260N 4x30  
6,5x30 mm

680 g



T201	€ 66,00	1	024240201
TV171	€ 25,50	1	024000742

## T202



- ⊕ 1262 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

490 g



T202	€ 56,00	1	024240202
TV172	€ 25,50	1	024000743

## T204



- ⊕ 1262 PH3x150  
PH4x200 mm
- ⊕ 1262N PH1x30  
PH2x30 mm

610 g



T204	€ 55,00	1	024240204
TV173	€ 25,50	1	024000744

## T205



- ⊕ 1267TX T6-T7-T8-T9  
T10-T15-T20

460 g



T205	€ 79,00	1	024240205
TV175	€ 25,50	1	024000760

## T206



- ⊕ 1267TX T25-T27-T30  
T40-T45

710 g



T206	€ 82,00	1	024240206
TV176	€ 25,50	1	024000761

## T207



- ⊕ 1268RTX T9-T10-T15  
T20-T25-T27-T30

760 g



T207	€ 97,50	1	024240207
TV207	€ 25,50	1	024000758

## T208



- 1260 3x75  
4x100  
5,5x150  
6,5x150 mm
- ⊕ 1262 PH0x60  
PH1x80  
PH2x100 mm

530 g



T208	€ 64,00	1	024240208
TV180	€ 25,50	1	024000701

## T209



- ⊕ 1262L PH1x400-PH2x400 mm
- 1264L 3x300-4x400-5x400 mm

580 g



T209	€ 80,00	1	024240209
TV183	€ 25,50	1	024000497

## T211



- 1201E 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

490 g



T211	€ 43,50	1	024240211
TV170	€ 25,50	1	024000741

## T213



- ⊕ 1202E PH0x60  
PH1x80  
PH1x120  
PH2x100  
PH2x150  
PH3x150 mm

490 g



T213	€ 47,00	1	024240213
TV212	€ 25,50	1	024000440

## T216



- ⊕ 1207E/TX T6-T7-T8-T9  
T10-T15-T20

410 g



T216	€ 60,00	1	024240216
TV175	€ 25,50	1	024000760

## T221



- 1201E 3x75  
4x100  
5.5x150  
6.5x150 mm
- ⊕ 1202E PH0x60  
PH1x80  
PH2x100 mm

530 g



T221	€ 45,50	1	024240221
TV180	€ 25,50	1	024000701

## T226



- 1274MQ 3x100  
4x100  
5.5x125  
6.5x150 mm
- ⊕ 1272MQ PH0x60  
PH1x80  
PH2x100 mm

⚡ 1000 V

460 g



T226	€ 99,50	1	024240226
TV180	€ 25,50	1	024000701

## T227



- 944BX 5-6-7-8-10-13 mm

490 g



T227	€ 140,50	1	024240227
TV227	€ 25,50	1	024000705

## T228



- 1290INOX 3x75 - 4x100 -  
5.5x150 - 6.5x150 mm
- ⊕ 1292INOX PH0x60 - PH1x80 -  
PH2x100 mm



480 g



T228	€ 88,50	1	024240228
TV180	€ 25,50	1	024000701

## T231



- 1370 400 g
- 1390 Ø 35 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- 1719BMA/M 200 mm

1,7 kg



T231	€ 121,50	1	024240231
TV230	€ 34,00	1	024000411

## T233



- 35 100-200 mm
- 1370F 32 mm
- 1390 Ø 35 mm

1,3 kg



T233	€ 110,50	1	024240233
TV232	€ 25,50	1	024000452

## T234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg



T234	€ 99,50	1	024240234
TV232	€ 25,50	1	024000452

## T236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



T236	€ 99,00	1	024240236
TV235	€ 25,50	1	024000453

## T239



- 31BM Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm

850 g



T239	€ 130,50	1	024240239
TV239	€ 25,50	1	024000439

## T241



- 1500N/1
- 1500N/3
- 1516/1

4,2 kg



T241	€ 305,00	1	024240241
TV241	€ 34,00	1	024000414

## T250

**Automotive**



- 34 150 mm
- 83/S3 11x13-14x17  
19x22 mm
- 1458 175 mm
- 1491
- 1603
- 1708/13 0,05+1 mm

1430 g



T250	€ 268,00	1	024240250
TV250	€ 34,00	1	024000408

## T256

**Automotive**



- 956E 16 mm (5/8) - 20,8 mm (13/16)
- 956L 16 mm (5/8) - 20,8 mm (13/16)
- 959 16 mm (5/8) - 20,8 mm (13/16)
- 1164 200 mm
- 1708/20 0,05+1 mm

3,2 kg



T256	€ 426,00	1	024240256
TV255	€ 42,00	1	024000467

## T259

40



- 96BP 2,5-3-4-5  
6-8-10 mm
  - 96N 12 mm
  - 860MIX/A31
  - 
  - +
  - +
  - +
- 895/1

950 g

T259	153,00	1	024240259
TV263	25,50	1	024000492

## T264

16



- 1491 Ø 65+110 mm
- 1494 10 mm
- 1494E 8-9-10-11-12-14-17 mm
- 1494Q 8-9,5-12-13 mm
- △ 1494T Δ 9,5
- 1494XZLN 16
- 1496C ■ 8x ■ 10 mm

2,1 kg

T264	229,50	1	024240264
TV264	25,50	1	024000466

## T270

60



- 430 M3 - 4 - 5 - 6 - 7 - 8 - 9  
10 - 12 - 14 - 16 - 18 - 20
- 433 M6x0,75 - M8x1 - M10x1,25  
M12x1,5 - M14x1,5  
M16x1,5 - M18x1,5
- 440 M3 - 4 - 5 - 6 - 7 - 8 - 9
- 440A M10 - 12 - 14 - 16 - 18 - 20
- 441 M6x0,75 - M8x1,0
- 441A M10x1,25 - M12x1,5  
M14x1,5 - M16x1,5  
M18x1,5

4,3 kg

T270	536,00	1	024240270
TV270	34,00	1	024000481

## T273

7



- 435/1,5 M3+M12
- 435/3 M5+M21
- 436/1 □ 2,0+5,0 mm  
(M3+M8)
- 436/2 □ 4,6+8 mm  
(M5+M12)
- 444/1 Ø 25,4 mm
- 444/2 Ø 38,1 mm
- 1707 W 62+4x1"

2,1 kg

T273	241,00	1	024240273
TV272	34,00	1	024000482

## T281

1



- 1741B 250 mm
- 1741RV2,9K 2,9x6 mm (100)
- 1741RV3,2K 3,2x8 mm (100)
- 1741RV3,8K 3,8x10 mm (100)
- 1741RV4K 4x12 mm (100)

1,4 kg

T281	75,50	1	024240281
TV280	25,50	1	024000478

## T285

4



- 1112 250 mm
- 1128BM -
- 1726 400 mm
- 1728BM (5 pezzi)
- 1753 200 cc

1,5 kg

T285	123,50	1	024240285
TV285	42,00	1	024000487

## T284

10



- 1128BMX
- 1130BMX
- 1719BMA...Q 200 mm
- ▲ 1719BMA...T 200 mm
- 1719BMA...P 200 mm
- ▶ 1719BMA...M 200 mm
- 1719BMA...R 200 mm
- 1726BM 400 mm
- 1728BM
- 1771BM 170 mm
- 1778V18 185 mm

3,3 kg

T284	261,00	1	024240284
TV286	50,50	1	024249904

## T289

4



- 1692 5 m
- 1725CR -
- 1755 30 cc
- 1771 -

500 g

T289	49,50	1	024240289
TV290	25,50	1	024000455

## T291

3



- 1479RB/1
- 1479RB/2
- 1479RB/3

600 g

T291	104,50	1	024240291
TV291	25,50	1	024000472





## T297



1651DGTB  
1682  
1691BM

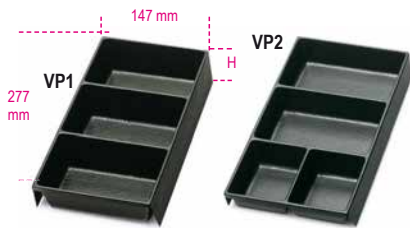
490 g



T297	€ 145,00	1	024240297
TV296	€ 25,50	1	024000749

## VP1 - VP2

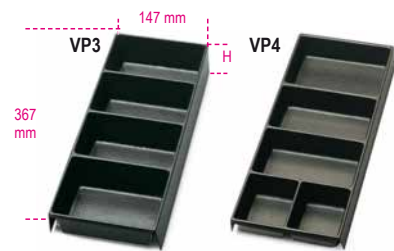
thermoformed trays for small items,  
made from plastic  
for all roller cabs RSC22, RSC23, RSC23C



VP1	H mm 50	€ 14,60	1	088880351
VP2	H mm 35	€ 14,60	1	088880352

## VP3 - VP4

thermoformed trays for small items,  
made from plastic  
for all roller cabs and all trolleys



VP3	H mm 50	€ 15,30	1	088880353
VP4	H mm 35	€ 15,30	1	088880354

## VP5

thermoformed tray



VP5	€ 17,30	1	088880355
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## VP6

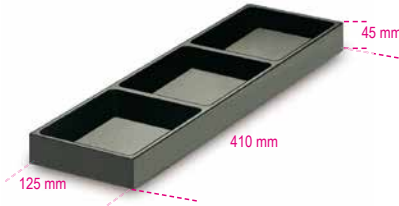
thermoformed tray



VP6	€ 17,60	1	088880359
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## VP-3SC

thermoformed tool trays,  
made from plastic,  
for mobile roller cab C38 +C04TSS-7



VP-3SC	H mm 45	€ 18,50	1	088880356
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## VP-LS

thermoformed tool trays,  
made from plastic,  
for mobile roller cab C38 +C04TSS-7



VP-LS	H mm 45	€ 12,60	1	088880357
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## VP-LD

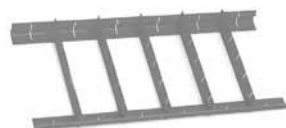
thermoformed tool trays,  
made from plastic,  
for mobile roller cab C38



VP-LD	H mm 45	€ 12,10	1	088880358
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## 8889P1

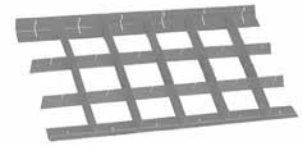
parallel partitions for item RSC22, RSC23,  
RSC23C e C27S  
drawer 588x277 mm



8889P1/5	h mm 50	€ 48,50	1	088890005
8889P1/7	h mm 70	€ 50,00	1	088890007

## 8889C1

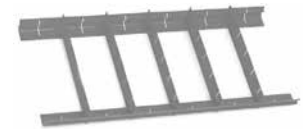
crossed partitions for item RSC22, RSC23,  
RSC23C and C27S  
for drawer 588x277 mm



8889C1/5	h mm 50	€ 65,00	1	088890015
8889C1/7	h mm 70	€ 66,50	1	088890017

## 8889P2

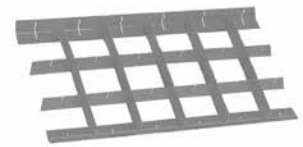
parallel partitions for standard drawer 588x367  
mm



8889P2/7	h mm 70	€ 58,50	1	088890107
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## 8889C2

crossed partitions for standard drawer  
588x367 mm



8889C2	h mm 70	€ 75,00	1	088890117
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## 8889P3

parallel partitions for item RSC24AXL

for drawer 882x367 mm

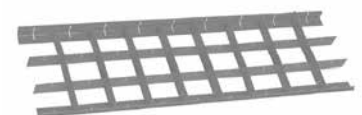


8889P3	h mm 70	€ 93,50	1	088890207
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## 8889C3

crossed partitions for RSC24AXL

for drawer 882x367 mm

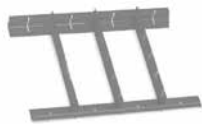


8889C3	h mm 70	€ 114,50	1	088890217
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## 8889P4

parallel partitions for item C41

for drawer 418x205 mm

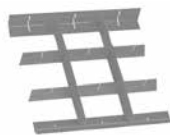


h	€	📦	📄
8889P4 70 mm	39,50	1	088890307

## 8889I4

crossed partition for item trolley C41

for drawer 418x205 mm

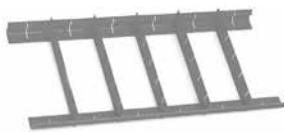


h	€	📦	📄
8889C4 70 mm	47,50	1	088890317

## 8889PS

parallel partitions for item C38 - C45PRO M4/M5/M7/M8

left side drawer 570x410 mm

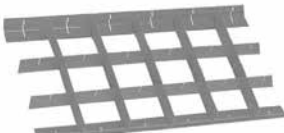


h	€	📦	📄
8889PS/7 70 mm	69,50	1	088890407

## 8889CS

crossed partitions for item C38 - C45PRO M4/M5/M7/M8

left side drawer 570x410 mm



h	€	📦	📄
8889CS/7 70 mm	84,50	1	088890417

## 8889PD

parallel partitions for item C38

right side drawer 313x410 mm

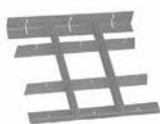


h	€	📦	📄
8889PD/7 70 mm	37,00	1	088890427

## 8889CD

crossed partitions for item C38

right side drawer 313x410 mm



h	€	📦	📄
8889CD/7 70 mm	51,00	1	088890437

## 8889C6

crossed partitions for item C35

for drawer 600x447 mm



h	€	📦	📄
8889C6/7,5 75 mm	36,00	1	088890475
8889C6/10 100 mm	35,50	1	088890480
8889C6/15 150 mm	44,50	1	088890485
8889C6/20 200 mm	69,00	1	088890490

## SB

socket rails



L	€	📦	📄
SB1 210 mm	3,70	10	088880201
SB2 280	4,10	10	088880202
SB3 360	4,35	10	088880203

## PM 1/2-Q5

magnetic socket rail

12"



PM 1/2-Q5	€	📦	📄
	45,00	1	088880233

## MB

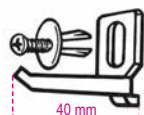
socket clips for rails SB



	€	📦	📄
MB0 1/4	1,10	50	088880210
MB1 3/8	1,10	50	088880211
MB2 1/2	1,10	50	088880212

## KIT/GPS

kit of 40-mm GPS hooks with screws VE1



KIT/GPS	€	📦	📄
	2,13	50	088880119

## VE1

expansion bolts



VE1	€	📦	📄
	0,75	20	088880120

## GM

snap hooks with expansion bolts VE1

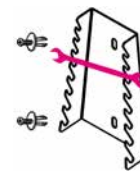


Ø	€	📦	📄
6,5 mm	6,80	5	088880250
9,5	7,10	5	088880251
13	7,10	5	088880252
16	8,40	5	088880253
19	8,70	5	088880254
25	8,25	5	088880255

## S55/8

supports for 8 double open end wrenches, made from sheet metal

• supplied complete with 3 expansion bolts VE1



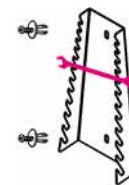
S55/8	€	📦	📄
55/S8	23,30	1	088880420

55AS/8  
55MP/S8

## S55/12

supports for 12 double open end wrenches, made from sheet metal

• supplied complete with 3 expansion bolts VE1



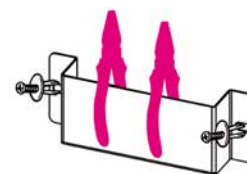
S55/12	€	📦	📄
55/S12	28,50	1	088880421

55/S12X  
55AS/12  
55MP/S12

## ST2P

pliers pockets, made from sheet metal

• supplied complete with 3 expansion bolts VE1



ST2P	€	📦	📄
	25,50	1	088880422

## TSPP

tool pockets, made from plastic material

• supplied complete with 3 expansion bolts VE1

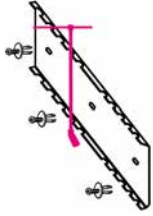


TSPP	€	📦	📄
	5,75	1	088880402

## S952/10

supports for 10 T-handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1

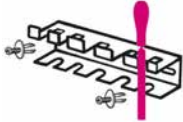


S952/10 € 30,50 1 088880423

## S1719BM

supports for 5 files, made from sheet metal

- supplied complete with 3 expansion bolts VE1



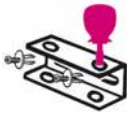
S1719BM € 17,60 1 088880404

1719BMA: Q-T-P-M-R  
1719BMD: Q-T-P-M-R  
1719BMX: Q-T-P-M-R

## SGN

supports for 2 mini screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SGN € 8,90 1 088880405

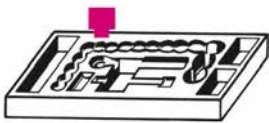
1290N-1292N-1299N/PZ  
1260N-1262N-1269N/PZ  
1201EN-1202EN-1209EN/PZ

## CB/2

hard thermoformed tray for 1/2" sockets and accessories, empty

- only for item C54S

12"



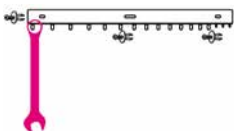
CB/2 € 27,00 1 088880411

920A/920B  
10+24+26-27  
28-30-32 mm  
920/21-920/22-920/25-  
920/42-920/55

## S42/17

supports for 17 combination wrenches, made from sheet metal

- supplied complete with 3 expansion bolts VE1



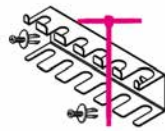
S42/17 € 30,00 1 088880428

42/S17  
42MP/S17  
42/S17X  
42AS/17  
142/S17

## S951/6

supports for 6 T handle wrenches with hexagon male ends, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S951/6 € 19,90 1 088880429

951/S6  
951AS/S6X  
951TX/S6

## SPG11 - S1203/8

supports for screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SPG11 € 20,70 1 088880910

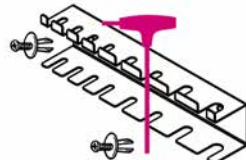
n.8 Ø = 7 mm  
n.2 Ø = 10 mm  
n.1 Ø = 12 mm

S1203/8 € 22,00 1 088880430  
1203E/S8  
1263/D8  
1293/S8

## S96T/8

supports for 8 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



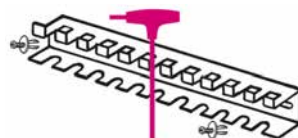
S96T/8 € 22,00 1 088880431

96T/AS8  
96T/S8  
97TTX/S8

## 96T/SPV

supports for 11 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



96T/SPV € 36,00 1 000960958

96T/S11  
97TTX/S11



# Beta





# Beta CHEMICALS

Tightening a bolt is not always enough to guarantee secure tightening. Cleaning, lubrication and sealing are also necessary.

The range comprises anaerobic sealants, cyanoacrylate adhesives and aerosol cans for maintaining, cleaning and lubricating mechanical parts.

### Anaerobic Products

Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids.

They are available in three different strengths – high (H), medium (M) and low (L) – and in different packs, to satisfy different needs.

### Silicone sealant

- Enables permanent elastic sealing.
- Replaces preformed gaskets.
- The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product.
- Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

### Instant Glue

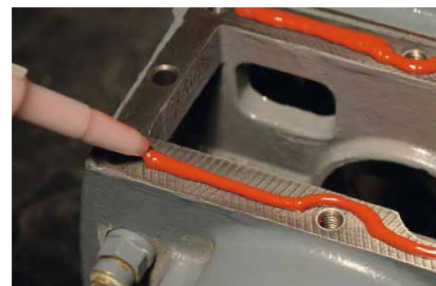
Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

### Aerosols

A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

### Liquids

Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.



### ATTENTION

Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Andorra, Belgium, Czech Republic, Dominican Republic, France, Hungary, Italy, Netherlands, New Caledonia, People's Republic of China, Poland, Portugal, Principality of Monaco, Republic of Ireland, Reunion, San Marino, Slovakia, Slovenia, Spain, Switzerland, United Arab Emirates, United Kingdom.

## 9803H

### threadlocker-High Resistance

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,25
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	800/1200
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml			
20	bottle	12	098030002
50	bottle	4	098030005
250	bottle	4	098030025
20		12	098032002
50		4	098032005
250		4	098032025

## 9802M

### threadlocker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance, bearings and bushes. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	22-30 Nm
Prevailing torque ISO-10964	20-25 Nm

ml			
20	bottle	12	098020002
50	bottle	4	098020005
250	bottle	4	098020025
20		12	098022002
50		4	098022005
250		4	098022025

## 9801L

### threadlocker-Low Resistance

Ideal for fixing particular light alloys which could get damaged during disassembly and for adjusting screws. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098010002
50	bottle	4	098010005
250	bottle	4	098010025
20		12	098012002
50		4	098012005
250		4	098012025

## 9813H

### thread sealant-High Resistance

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+200
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/80.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	25-35 Nm

ml			
20	bottle	12	098130002
50	bellow bottle	6	098130305
50	tube	4	098130505
250	tube	4	098130525
20		12	098132002
50		6	098132305
50		4	098132505
250		4	098132525

## 9812M

### thread sealant-Medium Resistance

Ideal for sealing nipples parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	12/18
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	20.000/40.000
Breakaway torque ISO-10964	27-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098120002
50	bellow bottle	6	098120305
50	tube	4	098120505
250	tube	4	098120525
20		12	098122002
50		6	098122305
50		4	098122505
250		4	098122525

## 9811L

### thread sealant-Low Resistance

Ideal for sealing small or fine-pitch joints. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,20
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	10.000/20.000
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098110002
50	bellow bottle	6	098110305
50	tube	4	098110505
250	tube	4	098110525
20		12	098112002
50		6	098112305
50		4	098112505
250		4	098112525

## 9823H

### liquid gasket-High Resistance

Ideal for permanent sealing of surfaces. Also ideal for reclaiming bearing housings and worn parts. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/16
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	100.000/200.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098230002
50	bellow bottle	6	098230305
50	tube	4	098230505
250	tube	4	098230525
20		12	098232002
50		6	098232305
50		4	098232505
250		4	098232525

## 9822M

### liquid gasket-Medium Resistance

Ideal for sealing of surfaces of parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/70.000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098220002
50	bellow bottle	6	098220305
50	tube	4	098220505
250	tube	4	098220525
20		12	098222002
50		6	098222305
50		4	098222505
250		4	098222525

## 9821L

### liquid gasket-Low Resistance

Ideal for sealing of surfaces of parts subject to frequent maintenance. Protects threads from corrosion and seizure from corrosion. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	20/30
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	60.000/90.000
Breakaway torque ISO-10964	7-11 Nm
Prevailing torque ISO-10964	4-9 Nm

ml			
20	bottle	12	098210002
50	bellow bottle	6	098210305
50	tube	4	098210505
250	tube	4	098210525
20		12	098212002
50		6	098212305
50		4	098212505
250		4	098212525

## 9833H

### locker-High Resistance

Ideal for fixing parts that do not need subsequent dismantling. Also suitable for fixing already installed devices that are difficult to dismantle. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	400/700
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml			
20	bottle	12	098330002
50	bottle	4	098330005
250	bottle	4	098330025
20		12	098332002
50		4	098332005
250		4	098332025

## 9832M

### locker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,25
Handling cure time (minutes)	12/20
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	2000/4000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	18-28 Nm

ml			
20	bottle	12	098320002
50	bottle	4	098320005
250	bottle	4	098320025
20		12	098322002
50		4	098322005
250		4	098322025

## 9831L

### locker-Low Resistance

Ideal for fixing small parts subject to frequent maintenance. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098310002
50	bottle	4	098310005
250	bottle	4	098310025
20		12	098312002
50		4	098312005
250		4	098312025





## 9841N

black acetic-reticulation silicone sealant,  
resistant to high temperatures,  
with convenient pressure dispenser

Withstands temperatures up to 240 °C

Enables permanent elastic sealing. Replaces preformed gaskets.

The dispenser allows easy, accurate, uniform spreading of the product.

Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Adheres to non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.



ml		
200		12 098410120
200		12 098412120

## 9841R

red acetic-reticulation silicone sealant,  
resistant to high temperatures,  
with convenient pressure dispenser

Withstands temperatures up to 300 °C.

Enables permanent elastic sealing. Replaces preformed gaskets.

The dispenser allows easy, accurate, uniform spreading of the product.

Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Ideal for oven and furnace doors, plates, heating systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Adheres to non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.



ml		
400		12 098410020
200		12 098412020

## 9851

instant glue  
for structural joints

based on ethyl cyanoacrylate

for adhesion of a wide range of materials, including metal, plastics, leather, wood and several other types of substrates, whether combined with each other or separate; bonds quickly.



Temperature (°C)	-55/+82
Viscosity (mPa.s) 25 °C	80-120

g		
5		24 098510500
20	bottle	12 098510002
50	bottle	10 098510005
5		24 098512500
20		12 098512002
50		10 098512005

## 9710 - LUBRIBETA universal

7-in-1 multipurpose unlocking lubricant

1. Unlocking;
  2. Lubricating;
  3. Detergent, degreasing;
  4. Rust protective;
  5. Deoxidizing, for electrical contacts;
  6. Waterproof;
  7. Antifreezing.
- Silicone-free.



ml		
400		12 097100040
400		12 097101040
400		12 097102040



## 9712 - Ultra Sblock

unlocking lubricant, super-penetrating

Unlocking, deoxidizing, waterproof.

Ideal for dissolving rust from nuts, bolts, screws and gears.



ml		
400		12 097120040
400		12 097121040
400		12 097122040

## 9720 - Multi Grease

multipurpose grease

Particularly useful for lubricating chains, gears and moving metal parts. Resistant to friction and weather. Highly adhesive. Does not drip.



ml		
400		12 097200040
400		12 097201040
400		12 097202040

## 9722 - Lithium Grease

white lithium grease

Based on grease with lithium, titanium and zinc oxide soaps.

Ideal for lubricating gears, bearings and joints.

Specific for marine applications.

Highly resistant to water, sea salt, weather and high temperatures.

Does not drip.



ml		
400		12 097220040
400		12 097221040
400		12 097222040

## 9724 - PTFE Grease

PTFE based grease

Particularly suitable for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Suitable for applications on plastics and rubber.

Totally colourless. Waterproof and resistant to oxidation.



ml		
400		12 097240040
400		12 097241040
400		12 097242040

## 9726 - Copper Grease

copper grease

Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000 °C).

Protective, anti-wear. Prevents oxidation. Does not drip.



ml		
400		12 097260040
400		12 097261040
400		12 097262040

## 9729 - Silic Spray

silicone spray

Suitable for lubricating plastic, rubber and metal parts. Protects from corrosion. Detaching. Antistatic. Waterproof. Can be used to polish wood, plastics and rubber. Solvent-free.



ml		
400		12 097290040
400		12 097291040
400		12 097292040

## 9738 - Cutting Oil

cutting oil

Highly lubricating and protective. Suitable for milling, boring, threading, drilling and manual and automatic machine working. Highly resistant to oxidation. Water washable. Solvent-free.



ml		
400		12 097380040
400		12 097381040
400		12 097382040

## 9740 - Brake Cleaner

brake cleaner

Ideal for cleaning brake discs and pads, engines. Removes grease and tar, without leaving residue. Evaporates quickly. Does not damage plastics and rubber.



ml		
500		12 097400050
500		12 097401050
500		12 097402050

## 9741 - Multi Cleaner

multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue. Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces. Free from oil residues.



ml		
400		12 097410040
400		12 097411040
400		12 097412040

## 9742 - Contact Cleaner

cleaner for electric and electronic contacts

Removes grease and dirt, without leaving oily residue. Evaporates quickly. Does not damage plastics and rubber.



ml		
400		12 097420040
400		12 097421040
400		12 097422040

## 9743 - SURFACE CLEANER

foam detergent

Foam detergent for all types of surfaces, tools and fabrics. Based on quaternary ammonium salts, it forms an active foam which cleans and removes dirt and grease. Removes bad smells. No rinse required. Not a disinfectant.



ml		
500		12 097430050
500		12 097431050
500		12 097432050

## 9745 - Carb Cleaner

cleaner for carburettors and throttle bodies

Specific for interior and exterior cleaning of carburettors, suction ducts and throttle bodies. Totally removes carbonaceous residue, deposits and impurities. Does not leave oily residue.



ml		
400		12 097450040
400		12 097451040
400		12 097452040

## 9746 - Clima Cleaner

air conditioner cleaner

Cleaner for industrial, civil and car air conditioners. Based on its thick foam formulation and the straw supplied with it, it allows dirt, deposits and odours to be removed from ducts, leaving a pleasant fragrance.



ml			
400	12	097460040	
400	12	097461040	
400	12	097462040	

## 9749 - Air Spray

air spray

Compressed gas aerosol spray. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.



ml			
400	12	097490040	
400	12	097491040	
400	12	097492040	

## 9752 - Zinc 98%

clear zinc

Highly covering, it is ideal for galvanizing iron parts. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Particularly resistant to oxidation, abrasion and weather. Can be overpainted. Does not drip.



ml			
400	12	097520040	
400	12	097521040	
400	12	097522040	

## 9755 - Welding Spray

welding anti-spatter spray

Silicone-free welding anti-spatter spray. It prevents slag adhesion, thereby making welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. It makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. No fumes. Easy to remove. Chlorinated-free.



ml			
400	12	097550040	
400	12	097551040	
400	12	097552040	

## 9765 - Deicer Spray

de-icer spray

De-icer and defroster spray, for removing ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40 °C. Nongreasy, smear-free. Does not affect treated surfaces, rubber and plastics.



ml			
400	12	097650040	
400	12	097651040	
400	12	097652040	

## 9775 - Water Stop

fabric waterproofing spray

Waterproofing, water-repellent spray for textiles and leather. Ideal for footwear, jackets and clothing in general. It allows fabrics to be waterproofed, without affecting breathability. Based on its stain resistance properties, fabrics are easier to wash. Improved resistance to bending and abrasion.



ml			
400	12	097750040	
400	12	097751040	
400	12	097752040	

## 9881U

industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburetors, valves etc.) to be accurately and effectively cleaned.

Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts.



Lt			
1	1	098810010	
1	1	098812010	

## 9882R

selective rust remover liquid

Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings.

Removes top oxidized layer, without affecting underlying metal.

Dilution: from pure to max. 1:1.

Minimum operating temperature: 15 °C.

Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.



Lt			
1	1	098820010	
1	1	098822010	







A comprehensive range of hard and flexible abrasives, comprising over 500 coded items, entirely made in Italy. Designed and developed to satisfy all industrial and professional cutting and material removal requirements. Beta Utensili relies on the Beta Abrasives project to assert its determination to offer market professionals a comprehensive product range and an unequalled technical standard, resulting from the manufacturing skills contributed by AbraBeta.




## HARD CUTTING AND GRINDING DISCS

Hard discs mean the main category of this new product family; hence Beta Utensili has concentrated on selecting the very best materials and types.

Cutting and grinding discs are the quickest and most versatile instruments for working a wide variety of materials, by using the most suitable tools, whether angle grinders or stationary machines

### DISC SHAPES

 **T42**  
cutting disc with depressed centre

 **T41**  
cutting disc with flat centre

 **T27**  
grinding disc with depressed centre

**TOP**  
— LINE —

Uncompromising quality: for extremely demanding users

**PREMIUM**  
— LINE —

High quality for high performance, at competitive prices, for the best quality/price ratio.

**CERTIFICATION**



### PICTOGRAMS on discs



Wear safety glasses



Wear protector gloves



Wear ear protectors



Wear safety clothes



Wear dust mask



Check user manual



Disc for cutting only  
– not for grinding



Do not use disc if damaged



Iron, sulphur and chlorine free ( $\leq 0.1\%$ )

### Product shelf life

Product shelf-life: 3 years from manufacturing date. "V01" as engraved on the metal washer in the middle of the disc indicates the quarter of expiration. Example: "V07/2022" indicates the disc was manufactured in the 3rd quarter of 2019 and can be used until the end of the 3rd quarter of 2022.



	Quarter
<b>V01</b>	Jan-Mar
<b>V04</b>	Apr-Jun
<b>V07</b>	Jul-Sep
<b>V10</b>	Oct-Dec



## ABRASIVE SHAFT-MOUNTED WHEELS

Abrasive shaft-mounted wheels for use with die grinders. Made in several shapes to suit different working processes, with three types of abrasives.



## SHAFT-MOUNTED WHEELS

Shaft-mounted flap wheels are provided with flexible flaps which allow precise, homogenous finish to be obtained on irregular shapes and surfaces.



## FLAP DISCS

Flap discs are made up of abrasive cloth flaps glued onto a support; they are an excellent choice for roughing and finishing operations. Generally speaking, they ensure quicker removal, more homogenous finish, less vibration, less noise and lower operating temperatures than grinding discs. They are available with cloths made of several different abrasive materials, with different grain sizes and two different types of support.

### Shapes



#### Flat

Used at a maximum angle of 15° compared to the worktop, it allows working of flat surfaces and edges.



#### Conical

Used at an angle between 15° and 25° compared to the worktop, it makes jobs on uneven surfaces easier. It ensures a larger contact surface between the disc and the surface being worked. The flaps can be used until they are fully worn out.



Uncompromising quality: for extremely demanding users.



High quality for high performance, at competitive prices, for the best quality/price ratio.



## WHEELS WITH BORES

Flange flap wheels are suitable for working irregular edges, contours and surfaces based on high flap flexibility.



## WHEELS FOR SATINIZING MACHINES

Beta's wheels (or rollers) for satinizing machines mean the best solution for finishing any material.

#### Gradi di grana/finitura

<b>C</b>	Coarse
<b>M</b>	Medium
<b>F</b>	Fine
<b>VF</b>	Very Fine
<b>UF</b>	Ultra fine



## RADIAL DISCS AND FIBRE DISCS

Special nonwoven discs producing remarkable polishing effects, resulting in quick, precise working processes.



## ANTI-WASTE ROLLS


A wide range of anti-waste rolls made of abrasive cloth and paper or nonwoven, of excellent quality, for a number of uses.

For further information, please refer to the dedicated catalogue available on Beta's website:

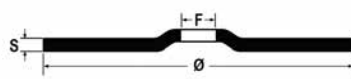
[www.beta-tools.com](http://www.beta-tools.com)

**11001**  
abrasive steel cutting discs  
with depressed centre

A30S EN 12413



**A30S**



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11001	115	3,2	22,23	13300	1,70	10	110010118
11001	125	3,2	22,23	12200	1,80	10	110010128
11001	230	3,2	22,23	6600	3,90	10	110010233

**11001H**  
abrasive steel cutting discs  
with depressed centre

HARD  
A30T EN 12413



**A30T**



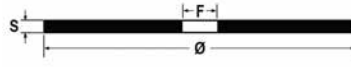
	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11001H	230	3,2	22,23	6600	3,90	10	110010733

**11003**  
abrasive steel cutting discs  
with flat centre

A30T EN 12413




**A30T**



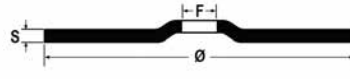
	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11003	115	2,5	22,23	13300	1,60	10	110030117
11003	125	2,5	22,23	12200	1,60	10	110030127
11003	180	2,5	22,23	8500	3,30	10	110030182
11003	230	2,5	22,23	6600	3,70	10	110030232

**11011**  
abrasive steel grinding discs  
with depressed centre

A24N EN 12413




**A24N**



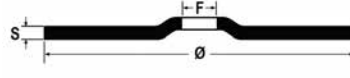
	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11011	115	6,5	22,23	13300	2,30	10	110110115
11011	125	6,5	22,23	12200	2,50	10	110110125
11011	180	6,5	22,23	8500	4,80	10	110110180
11011	230	6,5	22,23	6600	7,20	10	110110230

**11011H**  
abrasive steel grinding discs  
with depressed centre

HARD  
A24R EN 12413




**A24R**




	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11011H	115	6,5	22,23	13300	2,30	10	110110615
11011H	125	6,5	22,23	12200	2,50	10	110110625
11011H	180	6,5	22,23	8500	4,80	10	110110680
11011H	230	6,5	22,23	6600	7,20	10	110110730

**11018**  
abrasive ultra-thin steel cutting discs  
with flat centre

60 m/s  
A46N EN 12413



**A46N**



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11018	300	2,5	25,40	4010	6,40	10	110180030
11018	350	3,0	25,40	3440	10,00	10	110180035
11018	400	3,2	25,40	3010	12,70	10	110180040



## 11019

abrasive ultra-thin steel cutting discs  
with flat centre

80 m/s  
A24N EN 12413



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11019	300	3,8	25,40	5100	7,80	10	110190030
11019	350	4,2	25,40	4400	11,80	10	110190035
11019	400	4,5	25,40	3800	15,30	10	110190040

## 11021

abrasive steel and stainless steel cutting discs  
with depressed centre

A30Q EN 12413



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11021	115	3,2	22,23	13300	1,70	10	110210118
11021	125	3,2	22,23	12200	1,80	10	110210128
11021	180	3,2	22,23	8500	3,40	10	110210183
11021	230	3,2	22,23	6600	3,90	10	110210233

## 11023

abrasive steel and stainless steel grinding discs  
with depressed centre

A24Q EN 12413



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11023	115	6,5	22,23	13300	2,30	10	110230115
11023	125	6,5	22,23	12200	2,50	10	110230125
11023	230	6,5	22,23	6600	7,20	10	110230230

## 11024

abrasive steel and stainless steel cutting discs,  
thin, with depressed centre

TOP LINE  
A46U EN 12413



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11024	230	2,0	22,23	6600	4,80	10	110240230

## 11031÷11038

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

TOP LINE  
Ø 65 mm  
A46U EN 12413



	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11031	65	1,0	6,00	24000	1,50	25	110310006
11031	65	1,0	10,00	24000	1,50	25	110310010
11031	65	1,6	10,00	24000	1,50	25	110310020

	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11032	76	1,0	6,00	20200	1,50	25	110320006
11032	76	1,0	10,00	20200	1,50	25	110320010
11032	76	1,6	10,00	20200	1,50	25	110320020

	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11034	115	1,0	22,23	13300	2,20	25	110340022
11034	115	1,2	22,23	13300	2,20	25	110340042
11034	115	1,6	22,23	13300	2,20	25	110340062

	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11035	125	1,0	22,23	12200	2,40	25	110350022
11035	125	1,2	22,23	12200	2,40	25	110350042
11035	125	1,6	22,23	12200	2,40	25	110350062

	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11037	180	2,0	22,23	8500	3,90	10	110370022

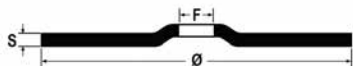
	Ø	S	F	max.	€		
	mm	mm	mm	rpm			
11038	230	2,0	22,23	6600	4,50	10	110380022

## 11040

abrasive steel and stainless steel cutting discs,  
thin, with depressed centre

PREMIUM LINE

A36Q EN 12413



	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11040	230	2,0	22,23	6600	3,70	10	110400230

## 11045-11046

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

PREMIUM LINE

Ø 115 mm

A46Q EN 12413



	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11045	115	1,0	22,23	13300	1,70	25	110450010
11045	115	1,2	22,23	13300	1,70	25	110450012
11045	115	1,6	22,23	13300	1,70	25	110450016

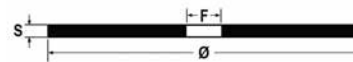
	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11046	125	1,0	22,23	12200	1,80	25	110460010
11046	125	1,2	22,23	12200	1,80	25	110460012
11046	125	1,6	22,23	12200	1,80	25	110460016

## 11048-11049

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

Ø 180 mm

A36Q EN 12413



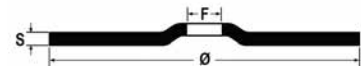
	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11048	180	2,0	22,23	8500	2,60	10	110480019

	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11049	230	2,0	22,23	6600	3,50	10	110490019

## 11050

abrasive steel grinding discs,  
with zirconia abrasive and depressed centre

ZA24R - EN 12413

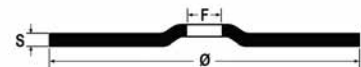


	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11050	115	6,5	22,23	13300	3,90	10	110500115
11050	125	6,5	22,23	12200	4,70	10	110500125
11050	230	7,0	22,23	6600	11,80	10	110500230

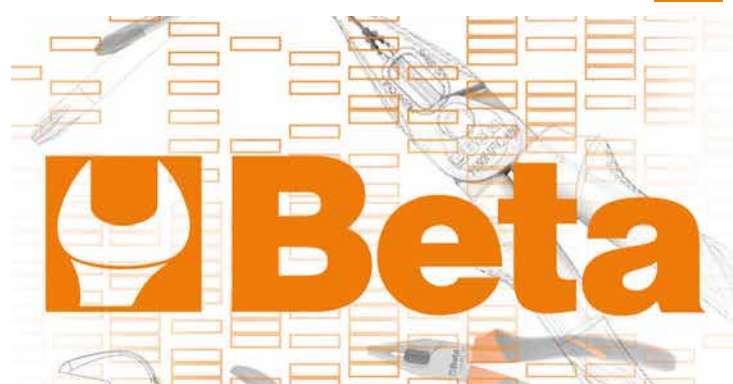
## 11069

abrasive stone and marble cutting discs  
with depressed centre

C30S EN 12413



	Ø mm	S mm	F mm	max. rpm	€	🛒	📄
11069	115	3,2	22,23	13300	1,80	10	110690115
11069	125	3,2	22,23	12200	1,90	10	110690125
11069	230	3,2	22,23	6600	4,20	10	110690230



## 11100

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically shaped

shaft Ø 3 x 37 mm

EN 12413



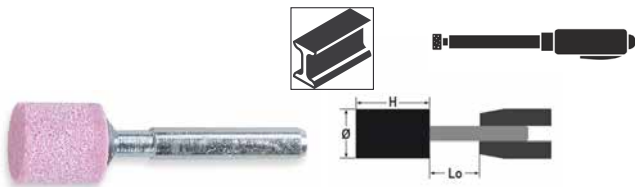
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11100	4	8	130.000	AR60P5V	0,97	25	111000004
11100	6	10	93.100	AR60P5V	0,97	25	111000006
11100	8	12	64.500	AR60P5V	0,97	25	111000008
11100	10	10	60.100	AR60P5V	0,97	25	111000011
11100	10	12	52.700	AR60P5V	0,97	25	111000012
11100	12	15	37.300	AR60P5V	1,07	25	111000013

## 11101

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically shaped

shaft Ø 6 x 40 mm

EN 12413



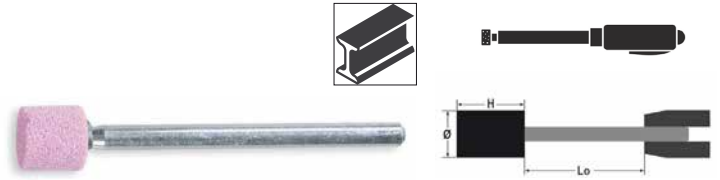
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11101	4	8	130.000	AR60P5V	1,14	25	111010004
11101	5	10	130.000	AR60P5V	1,14	25	111010005
11101	6	10	130.000	AR60P5V	1,14	25	111010006
11101	8	10	119.300	AR60P5V	1,14	25	111010008
11101	10	10	95.400	AR60P5V	1,14	25	111010010
11101	10	15	95.400	AR60P5V	1,14	25	111010011
11101	10	20	86.600	AR60P5V	1,24	25	111010012
11101	10	25	72.700	AR60P5V	1,37	25	111010013
11101	10	32	58.700	AR60P5V	1,44	25	111010014
11101	12	10	79.500	AR60P5V	1,05	25	111010015
11101	12	15	79.500	AR60P5V	1,07	25	111010016
11101	12	20	79.500	AR60P5V	1,17	25	111010017
11101	15	3	63.600	AR60P5V	1,05	25	111010018
11101	15	15	63.600	AR60P5V	1,14	25	111010019
11101	16	20	59.600	AR46P5V	1,28	25	111010020
11101	16	25	56.900	AR46P5V	1,37	25	111010021
11101	16	32	45.100	AR46P5V	1,54	25	111010022
11101	20	4	47.700	AR60P5V	1,05	25	111010023
11101	20	15	47.700	AR46P5V	1,14	25	111010024
11101	20	20	47.700	AR46P5V	1,37	25	111010025
11101	20	25	46.100	AR46P5V	1,44	25	111010026
11101	20	30	38.900	AR46P5V	1,58	25	111010027
11101	20	40	29.000	AR46P5V	1,98	25	111010028
11101	25	10	38.100	AR60P5V	1,14	25	111010030
11101	25	25	37.200	AR36/46P5V	1,58	25	111010031
11101	25	40	23.300	AR36/46P5V	2,32	10	111010032
11101	30	10	31.800	AR60P5V	1,28	25	111010034
11101	30	30	26.200	AR36/46P5V	1,89	25	111010035
11101	30	40	19.500	AR36/46P5V	2,51	10	111010036
11101	32	20	29.800	AR36P5V	1,77	25	111010037
11101	32	32	23.100	AR36P5V	2,42	10	111010038
11101	40	10	23.800	AR36/46P5V	1,89	25	111010041
11101	40	20	23.800	AR36P5V	2,51	10	111010042
11101	40	25	23.400	AR36P5V	2,64	10	111010043
11101	40	30	19.700	AR36P5V	2,90	10	111010044
11101	40	40	14.700	AR36P5V	3,50	10	111010045
11101	50	15	19.000	AR36P5V	2,82	10	111010051
11101	50	25	18.800	AR36P5V	3,35	10	111010052
11101	60	10	15.900	AR36P5V	3,10	10	111010060

## 11102

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically shaped

shaft Ø 6 x 80 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11102	8	20	100.500	AR60P5V	1,48	25	111020008
11102	10	15	95.400	AR60P5V	1,40	25	111020010
11102	10	30	62.200	AR60P5V	1,71	25	111020020
11102	12	15	79.500	AR60P5V	1,44	25	111020022
11102	15	15	63.600	AR60P5V	1,54	25	111020035
11102	15	30	51.000	AR46P5V	1,92	25	111020040
11102	20	30	38.900	AR46P5V	1,94	25	111020060

## 11105

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically/triangularly shaped

shaft Ø 6 x 40 mm

EN 12413



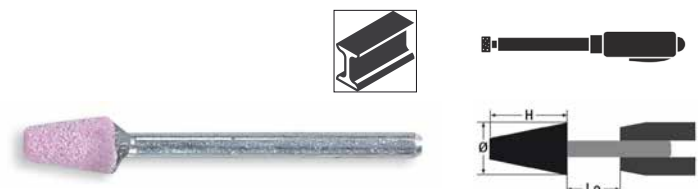
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11105	20	65	16.200	AR36/46P5V	3,70	25	111050020

## 11106

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
trapezoidally shaped

shaft Ø 3 x 37 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11106	6	10	93.100	AR60P5V	1,28	25	111060006



### 11107

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
trapezoidally shaped

shaft Ø 6 x 40 mm

EN 12413



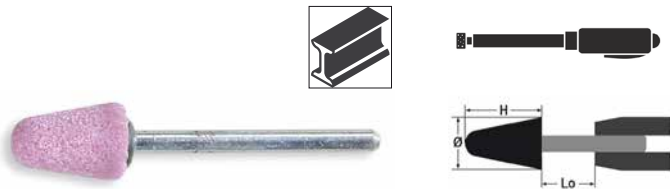
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11107	12	20	79.500	AR60P5V	1,44	25	111070012
11107	15	25	60.400	AR46P5V	1,71	25	111070015
11107	20	30	38.900	AR46P5V	1,98	25	111070020
11107	25	40	23.300	AR36/46P5V	2,90	10	111070025

### 11110

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
rounded, cone-shaped

shaft Ø 3 x 37 mm

EN 12413



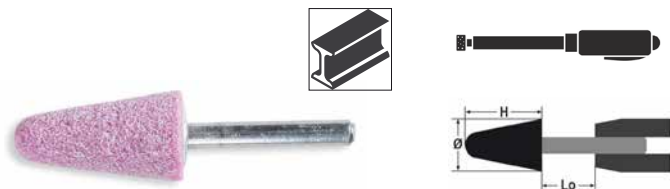
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11110	10	15	44.300	AR60P5V	1,28	25	111100010

### 11111

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
rounded, cone-shaped

shaft Ø 6 x 40 mm

EN 12413



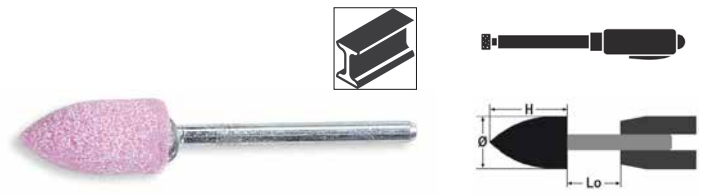
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11111	10	20	86.600	AR60P5V	1,48	25	111110010
11111	15	30	51.000	AR46P5V	1,94	25	111110015
11111	16	45	31.400	AR46P5V	2,64	25	111110016
11111	20	28	41.500	AR46P5V	1,98	25	111110020
11111	20	40	29.000	AR46P5V	2,51	25	111110021
11111	30	50	15.100	AR36/46P5V	3,70	10	111110030

### 11115

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
ogive-shaped

shaft Ø 3 x 37 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11115	10	20	34.700	AR60P5V	1,37	25	111150010

### 11116

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
ogive-shaped

shaft Ø 6 x 40 mm

EN 12413



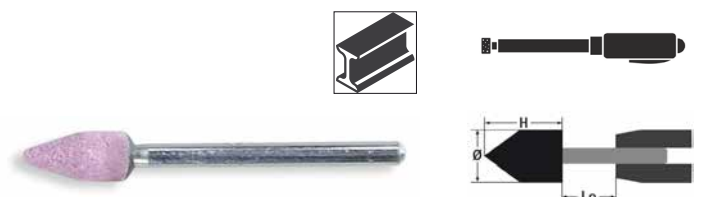
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11116	10	20	86.600	AR60P5V	1,48	25	111160010
11116	18	30	43.000	AR46P5V	1,98	25	111160018
11116	20	50	22.500	AR36/46P5V	3,10	25	111160020
11116	22	70	13.400	AR36/46P5V	4,70	10	111160022

### 11120

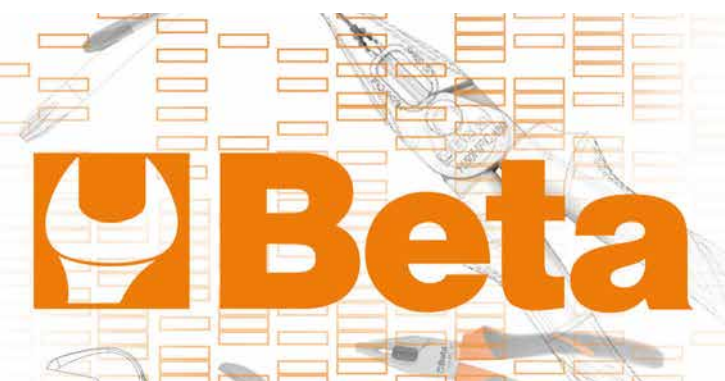
abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically/pyramidally shaped

shaft Ø 3 x 37 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11120	6	13	77.800	AR60P5V	1,28	25	111200006

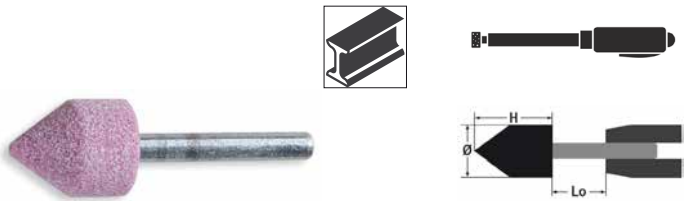


### 11121

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically/pyramidally shaped

shaft Ø 6 x 40 mm

EN 12413



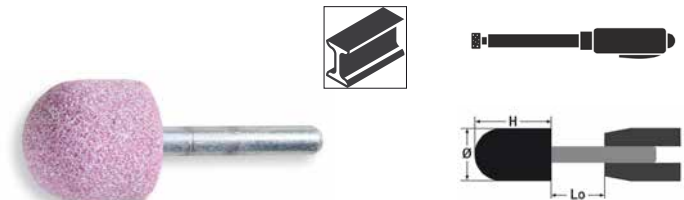
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11121	6	25	100.700	AR60P5V	1,98	25	111210007
11121	12	20	79.500	AR60P5V	1,44	25	111210012
11121	20	25	46.100	AR46P5V	1,79	25	111210020
11121	25	25	37.200	AR36/46P5V	1,98	25	111210025
11121	30	30	26.200	AR36/46P5V	2,36	25	111210030

### 11125

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
rounded, cylindrically shaped

shaft Ø 6 x 40 mm

EN 12413



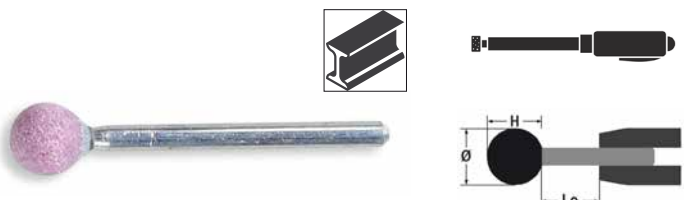
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11125	6	20	117.700	AR60P5V	1,61	25	111250006
11125	25	25	37.200	AR36/46P5V	1,98	25	111250025
11125	30	50	15.100	AR36/46P5V	3,70	10	111250030
11125	40	40	14.700	AR36P5V	4,50	10	111250040

### 11130

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
globe-shaped

shaft Ø 3 x 37 mm

EN 12413



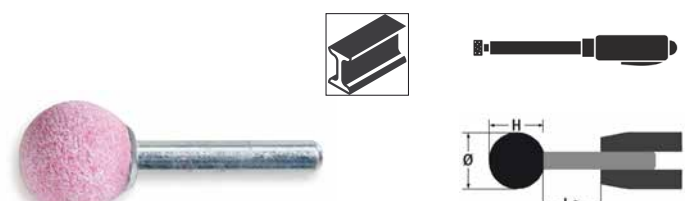
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11130	6	6	124.900	AR60P5V	1,28	25	111300006
11130	8	8	84.800	AR60P5V	1,28	25	111300008
11130	10	10	60.100	AR60P5V	1,28	25	111300010

### 11131

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
globe-shaped

shaft Ø 6 x 40 mm

EN 12413



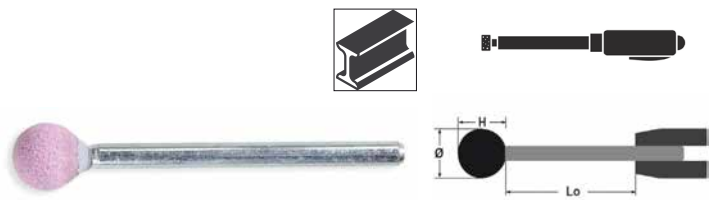
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11131	10	10	95.400	AR60P5V	1,37	25	111310010
11131	15	15	63.600	AR60P5V	1,44	25	111310015
11131	20	20	47.700	AR46P5V	1,71	25	111310020
11131	25	25	37.200	AR36/46P5V	1,98	25	111310025
11131	30	30	26.200	AR36/46P5V	2,36	25	111310030

### 11132

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
globe-shaped

shaft Ø 6 x 80 mm

EN 12413



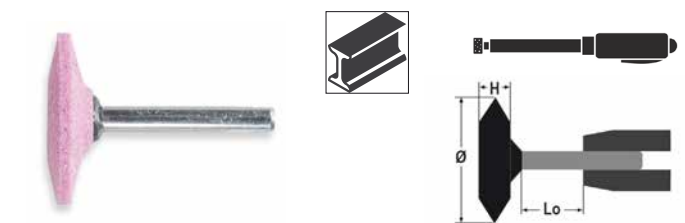
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11132	10	10	95.400	AR60P5V	1,61	25	111320010
11132	15	15	63.600	AR60P5V	1,79	25	111320015
11132	20	20	47.700	AR46P5V	2,12	25	111320020

### 11135

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
disc-shaped

shaft Ø 6 x 40 mm

EN 12413



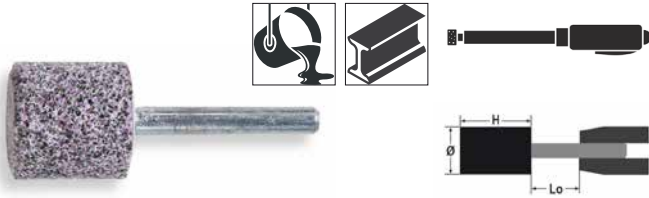
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11135	30	6	31.800	AR60P5V	1,58	25	111350030
11135	40	10	23.800	AR36/46P5V	2,42	25	111350040

## 11140

abrasive shaft-mounted wheels,  
abrasive grey/pink corundum grains,  
cylindrically shaped

shaft Ø 6 x 40 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11140	20	30	38.900	A/AR24R5V	1,58	25	111400020
11140	25	25	37.200	A/AR24R5V	1,58	25	111400025
11140	30	30	26.200	A/AR24R5V	1,89	25	111400030
11140	50	10	19.000	A/AR24R5V	2,51	10	111400050

## 11141

abrasive shaft-mounted wheels,  
abrasive grey/pink corundum grains,  
cylindrically shaped

shaft Ø 6 x 80 mm

EN 12413



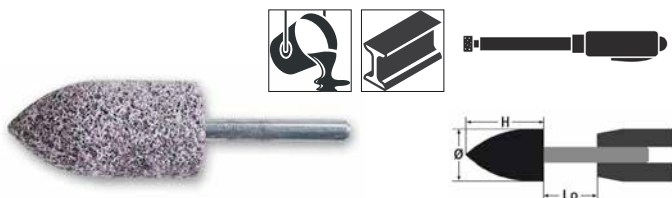
	Ø mm	h mm	max. rpm Lo=13 mm		€		
11141	20	40	46.800	A/AR24R5V	2,23	25	111410020
11141	30	40	31.800	A/AR24R5V	2,71	10	111410030
11141	40	40	23.800	A/AR24R5V	3,80	10	111410040

## 11145

abrasive shaft-mounted wheels,  
abrasive grey/pink corundum grains,  
ogive-shaped

shaft Ø 6 x 40 mm

EN 12413



	Ø mm	h mm	max. rpm Lo=13 mm		€		
11145	20	30	38.900	A/AR24R5V	1,98	25	111450020
11145	25	50	18.100	A/AR24R5V	3,50	10	111450025

## 11200A-11200B

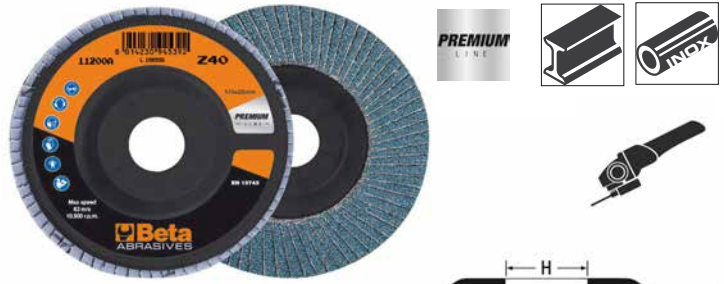
flap discs with zirconia abrasive cloth,  
plastic backing pad, single flap construction

Flat

PREMIUM LINE

Ø 115 mm

EN 13743



	Ø mm	P	F mm		€		
11200A	115	40	22,23		2,80	10	112000004
11200A	115	60	22,23		2,80	10	112000006
11200A	115	80	22,23		2,80	10	112000008
11200A	115	120	22,23		2,80	10	112000012

	Ø mm	P	F mm		€		
11200B	125	40	22,23		3,40	10	112000104
11200B	125	60	22,23		3,40	10	112000106
11200B	125	80	22,23		3,40	10	112000108

## 11202A-11202C

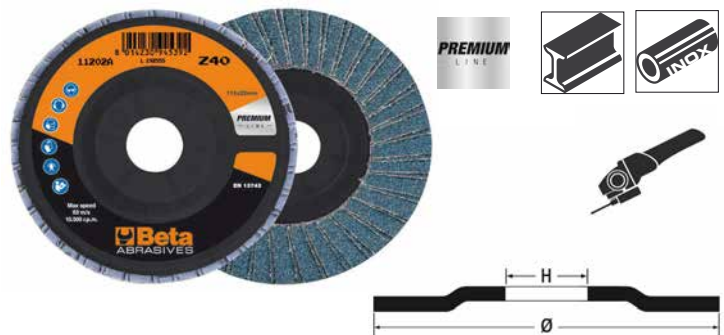
flap discs with zirconia abrasive cloth,  
plastic backing pad, double flap construction

Flat

PREMIUM LINE

Ø 115 mm

EN 13743



	Ø mm	P	F mm		€		
11202A	115	40	22,23		2,80	10	112020004
11202A	115	60	22,23		2,80	10	112020006
11202A	115	80	22,23		2,80	10	112020008
11202A	115	120	22,23		2,80	10	112020012

	Ø mm	P	F mm		€		
11202B	125	40	22,23		3,40	10	112020104
11202B	125	60	22,23		3,40	10	112020106
11202B	125	80	22,23		3,40	10	112020108

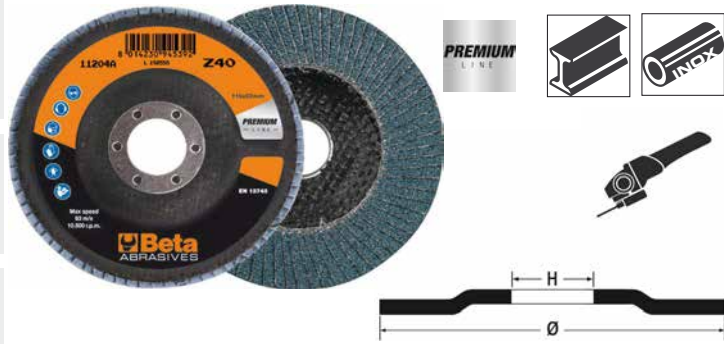
	Ø mm	P	F mm		€		
11202C	180	40	22,23		7,20	10	112020204
11202C	180	60	22,23		7,20	10	112020206



## 11204A÷11204C

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
PREMIUM LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€	📦	💻
11204A	115	40	22,23	2,80	10 112040004
11204A	115	60	22,23	2,80	10 112040006
11204A	115	80	22,23	2,80	10 112040008
11204A	115	120	22,23	2,80	10 112040012

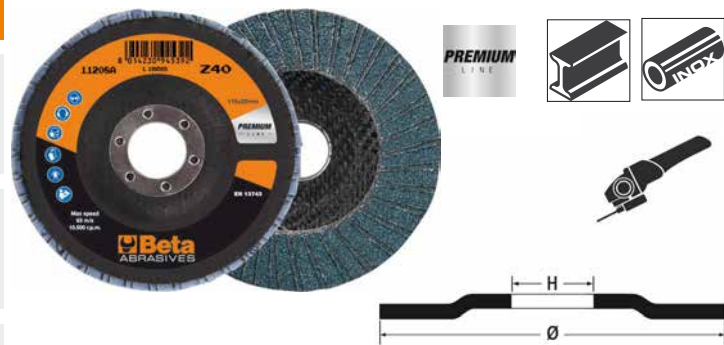
Ø mm	P	F mm	€	📦	💻
11204B	125	40	22,23	3,40	10 112040104
11204B	125	60	22,23	3,40	10 112040106
11204B	125	80	22,23	3,40	10 112040108

Ø mm	P	F mm	€	📦	💻
11204C	180	40	22,23	7,20	10 112040204
11204C	180	60	22,23	7,20	10 112040206

## 11208A-11208B

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, double flap construction

Flat  
PREMIUM LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€	📦	💻
11208A	115	40	22,23	2,80	10 112080004
11208A	115	60	22,23	2,80	10 112080006

Ø mm	P	F mm	€	📦	💻
11208B	125	40	22,23	3,40	10 112080104
11208B	125	60	22,23	3,40	10 112080106

## 11210A÷11210C

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Cone-shaped  
PREMIUM LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€	📦	💻
11210A	115	40	22,23	2,80	10 112100004
11210A	115	60	22,23	2,80	10 112100006
11210A	115	80	22,23	2,80	10 112100008
11210A	115	120	22,23	2,80	10 112100012

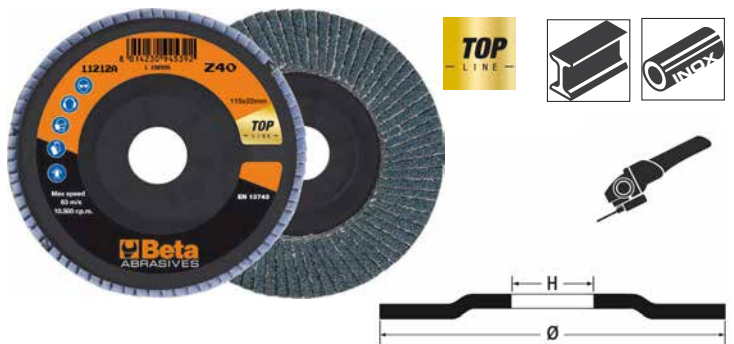
Ø mm	P	F mm	€	📦	💻
11210B	125	40	22,23	3,40	10 112100104
11210B	125	60	22,23	3,40	10 112100106
11210B	125	80	22,23	3,40	10 112100108

Ø mm	P	F mm	€	📦	💻
11210C	180	40	22,23	7,20	10 112100204
11210C	180	60	22,23	7,20	10 112100206

## 11212A-11212B

flap discs with zirconia abrasive cloth,  
plastic backing pad, single flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



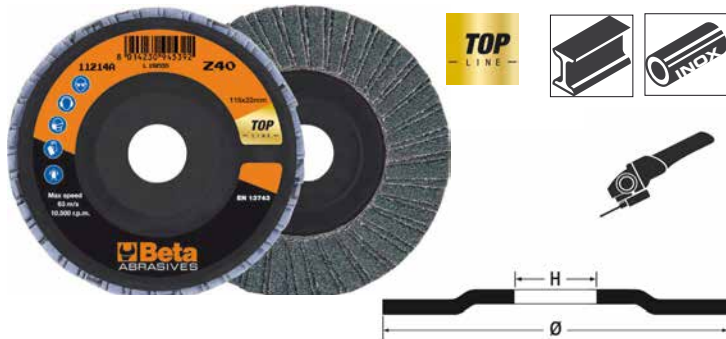
Ø mm	P	F mm	€	📦	💻
11212A	115	40	22,23	3,50	10 112120004
11212A	115	60	22,23	3,50	10 112120006
11212A	115	80	22,23	3,50	10 112120008
11212A	115	120	22,23	3,50	10 112120012

Ø mm	P	F mm	€	📦	💻
11212B	125	40	22,23	4,30	10 112120104
11212B	125	60	22,23	4,30	10 112120106
11212B	125	80	22,23	4,30	10 112120108

## 11214A÷11214C

flap discs with zirconia abrasive cloth,  
plastic backing pad, double flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€		
11214A	115	40	22,23	3,50	10 112140004
11214A	115	60	22,23	3,50	10 112140006
11214A	115	80	22,23	3,50	10 112140008
11214A	115	120	22,23	3,50	10 112140012

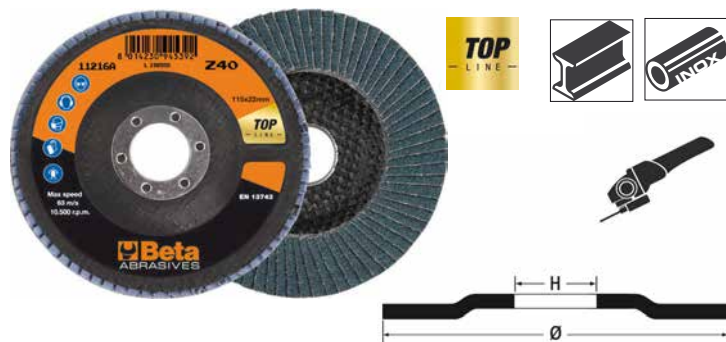
Ø mm	P	F mm	€		
11214B	125	40	22,23	4,30	10 112140104
11214B	125	60	22,23	4,30	10 112140106
11214B	125	80	22,23	4,30	10 112140108

Ø mm	P	F mm	€		
11214C	180	40	22,23	8,80	10 112140204
11214C	180	60	22,23	8,80	10 112140206

## 11216A÷11216C

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€		
11216A	115	40	22,23	3,50	10 112160004
11216A	115	60	22,23	3,50	10 112160006
11216A	115	80	22,23	3,50	10 112160008
11216A	115	120	22,23	3,50	10 112160012

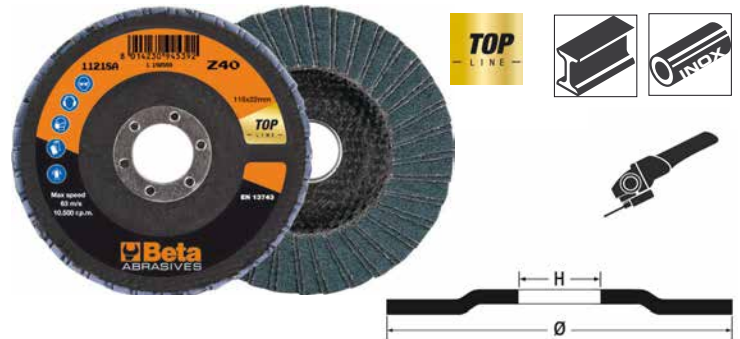
Ø mm	P	F mm	€		
11216B	125	40	22,23	4,30	10 112160104
11216B	125	60	22,23	4,30	10 112160106
11216B	125	80	22,23	4,30	10 112160108

Ø mm	P	F mm	€		
11216C	180	40	22,23	8,80	10 112160204
11216C	180	60	22,23	8,80	10 112160206

## 11218A-11218B

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, double flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€		
11218A	115	40	22,23	3,50	10 112180004
11218A	115	60	22,23	3,50	10 112180006

Ø mm	P	F mm	€		
11218B	125	40	22,23	4,30	10 112180104
11218B	125	60	22,23	4,30	10 112180106

## 11220A÷11220C

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Cone-shaped  
TOP LINE  
Ø 115 mm  
EN 13743



Ø mm	P	F mm	€		
11220A	115	40	22,23	3,50	10 112200004
11220A	115	60	22,23	3,50	10 112200006
11220A	115	80	22,23	3,50	10 112200008
11220A	115	120	22,23	3,50	10 112200012

Ø mm	P	F mm	€		
11220B	125	40	22,23	4,30	10 112200104
11220B	125	60	22,23	4,30	10 112200106
11220B	125	80	22,23	4,30	10 112200108

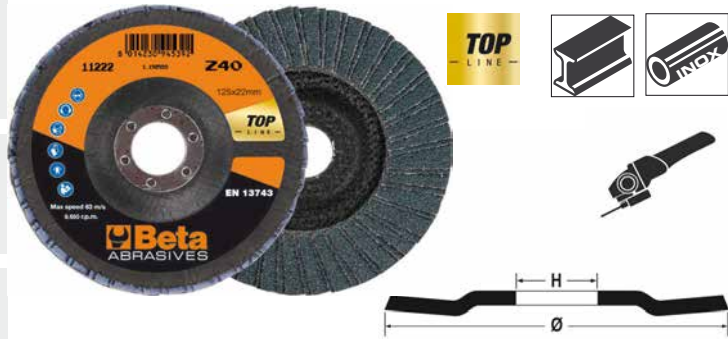
Ø mm	P	F mm	€		
11220C	180	40	22,23	8,80	10 112200204
11220C	180	60	22,23	8,80	10 112200206



## 11222

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, double flap construction

Cone-shaped  
TOP LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm	€		
11222B	125	40	22,23	4,30	10	112220104
11222B	125	60	22,23	4,30	10	112220106
11222B	125	80	22,23	4,30	10	112220108

## 11230A-11230B

flap discs with corundum abrasive cloth,  
plastic backing pad, single flap construction

Flat  
PREMIUM LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm	€		
11230A	115	40	22,23	2,60	10	112300004
11230A	115	60	22,23	2,60	10	112300006
11230A	115	80	22,23	2,60	10	112300008
11230A	115	120	22,23	2,60	10	112300012

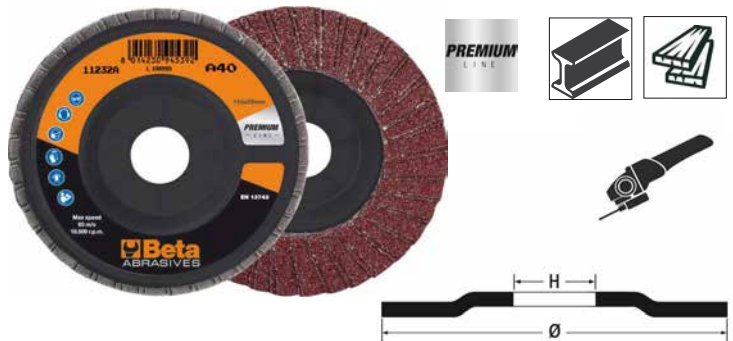
	Ø mm	P	F mm	€		
11230B	125	40	22,23	3,20	10	112300104
11230B	125	60	22,23	3,20	10	112300106

# Beta

## 11232A

flap discs with corundum abrasive cloth,  
plastic backing pad, double flap construction

Flat  
PREMIUM LINE  
Ø 115 mm  
EN 13743

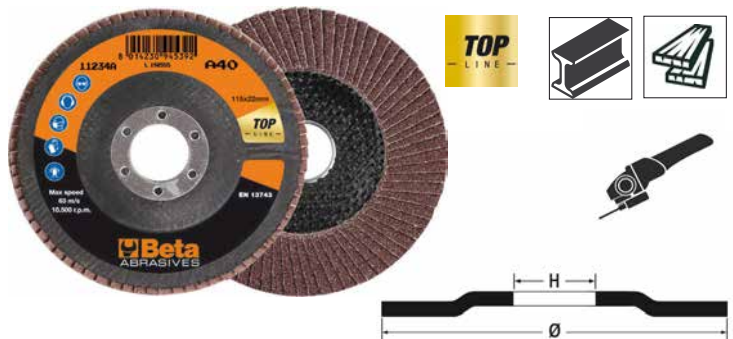


	Ø mm	P	F mm	€		
11232A	115	40	22,23	2,60	10	112320004
11232A	115	60	22,23	2,60	10	112320006
11232A	115	80	22,23	2,60	10	112320008
11232A	115	120	22,23	2,60	10	112320012

## 11234A-11234B

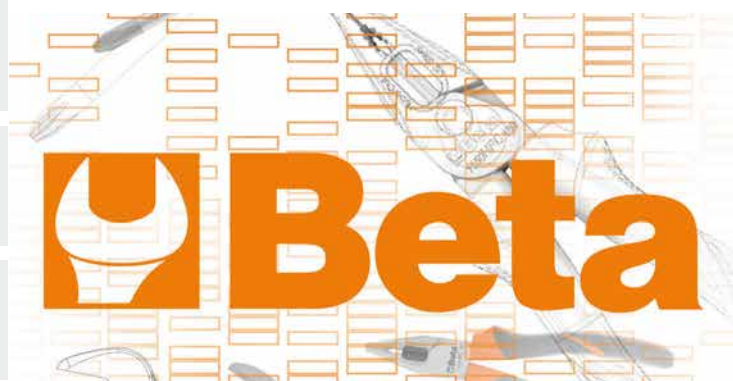
flap discs with corundum abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm	€		
11234A	115	40	22,23	3,10	10	112340004
11234A	115	60	22,23	3,10	10	112340006
11234A	115	80	22,23	3,10	10	112340008
11234A	115	120	22,23	3,10	10	112340012

	Ø mm	P	F mm	€		
11234B	125	40	22,23	3,90	10	112340104
11234B	125	60	22,23	3,90	10	112340106

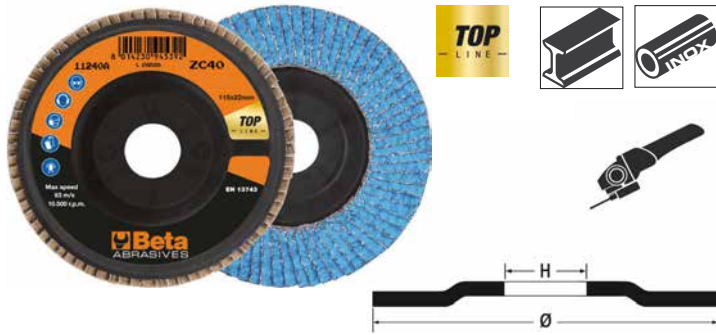




## 11240A-11240B

flap discs with ceramic-coated zirconia abrasive cloth, plastic backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743



	Ø mm	P	F mm	€		
11240A	115	40	22,23	4,90	10	112400004
11240A	115	60	22,23	4,90	10	112400006

	Ø mm	P	F mm	€		
11240B	125	40	22,23	5,90	10	112400104
11240B	125	60	22,23	5,90	10	112400106

## 11242A-11242B

flap discs with ceramic-coated zirconia abrasive cloth, fiberglass backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743



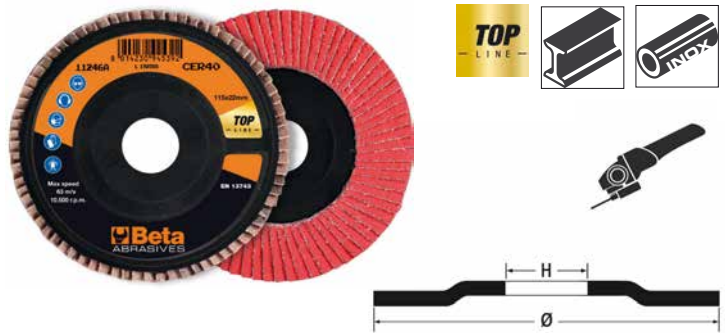
	Ø mm	P	F mm	€		
11242A	115	40	22,23	4,90	10	112420004
11242A	115	60	22,23	4,90	10	112420006

	Ø mm	P	F mm	€		
11242B	125	40	22,23	5,90	10	112420104
11242B	125	60	22,23	5,90	10	112420106

## 11246A

flap discs with ceramic-coated abrasive cloth, plastic backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743

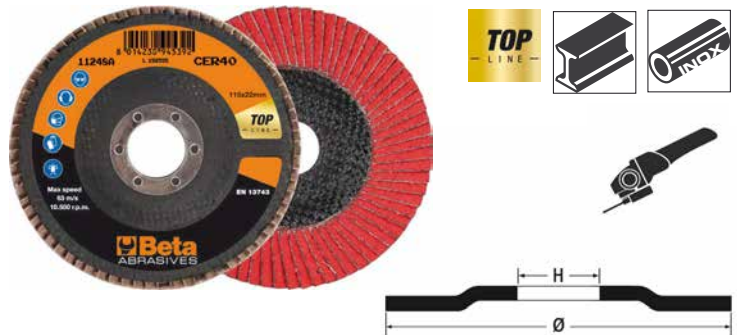


	Ø mm	P	F mm	€		
11246A	115	40	22,23	6,00	10	112460004
11246A	115	60	22,23	6,00	10	112460006

## 11248A-11248B

flap discs with ceramic-coated abrasive cloth, fiberglass backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743



	Ø mm	P	F mm	€		
11248A	115	40	22,23	6,00	10	112480004
11248A	115	60	22,23	6,00	10	112480006

	Ø mm	P	F mm	€		
11248B	125	40	22,23	7,80	10	112480104
11248B	125	60	22,23	7,80	10	112480106

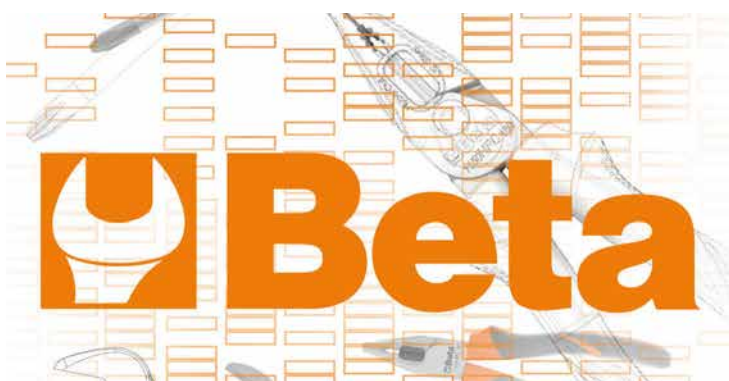
## 11259

felt flap discs,  
 fiberglass backing pad, single flap construction

Flat



	Ø mm	F mm	€		
11259	115	22,23	9,80	10	112590115
11259	125	22,23	11,30	10	112590125



## 11260÷11268

shaft-mounted flap wheels,  
corundum abrasive cloth flaps

shaft Ø 3 mm

EN 13743



	Ø mm	h mm	S mm	P	€	📦	🖨️
11260	10	10	3	60	4,90	10	112600010
11260	15	15	3	60	3,90	10	112600015

	Ø mm	h mm	S mm	P	€	📦	🖨️
11263	30	10	6	60	2,60	10	112630006
11263	30	15	6	60	2,60	10	112630016
11263	30	15	6	80	2,60	10	112630018
11263	30	20	6	40	2,60	10	112630024
11263	30	20	6	60	2,70	10	112630026
11263	30	20	6	80	2,70	10	112630028
11263	30	20	6	120	2,70	10	112630032

	Ø mm	h mm	S mm	P	€	📦	🖨️
11264	40	15	6	60	2,80	10	112640006
11264	40	15	6	80	2,80	10	112640008
11264	40	15	6	120	2,80	10	112640012
11264	40	20	6	40	2,90	10	112640014
11264	40	20	6	60	2,90	10	112640016
11264	40	30	6	40	3,30	10	112640024
11264	40	30	6	60	3,30	10	112640026

	Ø mm	h mm	S mm	P	€	📦	🖨️
11265	50	20	6	60	3,40	10	112650006
11265	50	20	6	80	3,40	10	112650008
11265	50	30	6	40	3,80	10	112650014
11265	50	30	6	60	3,80	10	112650016
11265	50	30	6	80	3,80	10	112650018
11265	50	30	6	120	4,00	10	112650022

	Ø mm	h mm	S mm	P	€	📦	🖨️
11266	60	20	6	40	4,00	10	112660004
11266	60	20	6	60	4,00	10	112660006
11266	60	30	6	40	4,50	10	112660014
11266	60	30	6	60	4,50	10	112660016
11266	60	30	6	80	4,50	10	112660018
11266	60	30	6	120	4,90	10	112660022
11266	60	40	6	60	5,20	10	112660026
11266	60	40	6	80	5,20	10	112660028

	Ø mm	h mm	S mm	P	€	📦	🖨️
11268	80	30	6	60	6,20	10	112680006
11268	80	30	6	80	6,20	10	112680008

# Beta

## 11271A÷11271C

abrasive non-woven wheels, shaft-mounted,  
corundum synthetic fibre fabric

Ø 40 mm

shaft Ø 6 mm



	Ø mm	h mm	S mm	P	€	📦	🖨️
11271A	40	20	6	C	6,50	10	112710001
11271A	40	20	6	M	6,50	10	112710002
11271A	40	20	6	F	6,50	10	112710003
11271A	40	20	6	VF	6,50	10	112710004

	Ø mm	h mm	S mm	P	€	📦	🖨️
11271B	60	30	6	C	7,30	10	112710011
11271B	60	30	6	M	7,30	10	112710012
11271B	60	30	6	F	7,30	10	112710013
11271B	60	30	6	VF	7,30	10	112710014

	Ø mm	h mm	S mm	P	€	📦	🖨️
11271C	80	50	6	C	8,10	10	112710021
11271C	80	50	6	M	8,10	10	112710022
11271C	80	50	6	F	8,10	10	112710023
11271C	80	50	6	VF	8,10	10	112710024

## 11276A÷11276C

flap/non-woven wheels, shaft-mounted,  
flaps made of abrasive cloth alternating with corundum synthetic fibre  
fabric

Ø 40 mm

shaft Ø 6 mm



	Ø mm	h mm	S mm	P	€	📦	🖨️
11276A	40	20	6	M/60	7,40	10	112760006
11276A	40	20	6	M/80	7,40	10	112760008
11276A	40	20	6	M/120	7,40	10	112760012

	Ø mm	h mm	S mm	P	€	📦	🖨️
11276B	60	30	6	M/60	8,10	10	112760016
11276B	60	30	6	M/80	8,10	10	112760018
11276B	60	30	6	M/120	8,10	10	112760022

	Ø mm	h mm	S mm	P	€	📦	🖨️
11276C	80	50	6	M/60	9,70	10	112760036
11276C	80	50	6	M/80	9,70	10	112760038
11276C	80	50	6	M/120	9,70	10	112760042

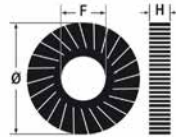
# Beta

## 11300A÷11300G

flap wheels with corundum cloth, with bores

Ø 165 x 30 mm

EN 13743



	Ø mm	H mm	P	F mm	€	Hand	Machine
11300A	165	30	40	54	27,00	3	113000004
11300A	165	30	60	54	28,00	3	113000006
11300A	165	30	80	54	29,00	3	113000008
11300A	165	30	120	54	32,00	3	113000012
11300A	165	30	180	54	33,00	3	113000018
11300A	165	30	220	54	35,00	3	113000022
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300B	165	50	40	54	37,00	2	113000104
11300B	165	50	60	54	39,00	2	113000106
11300B	165	50	80	54	40,00	2	113000108
11300B	165	50	120	54	44,00	2	113000112
11300B	165	50	180	54	49,00	2	113000118
11300B	165	50	220	54	52,00	2	113000122
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300C	200	30	40	54	32,00	3	113000204
11300C	200	30	60	54	34,00	3	113000206
11300C	200	30	80	54	37,00	3	113000208
11300C	200	30	120	54	39,00	3	113000212
11300C	200	30	180	54	42,00	3	113000218
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300D	200	50	40	54	44,00	2	113000304
11300D	200	50	60	54	49,00	2	113000306
11300D	200	50	80	54	52,00	2	113000308
11300D	200	50	120	54	57,00	2	113000312
11300D	200	50	180	54	62,00	2	113000318
11300D	200	50	220	54	67,00	2	113000322
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300E	250	30	40	100	57,00	3	113000404
11300E	250	30	60	100	60,00	3	113000406
11300E	250	30	80	100	62,00	3	113000408
11300E	250	30	120	100	66,00	3	113000412
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300F	250	50	40	100	82,00	2	113000504
11300F	250	50	60	100	84,00	2	113000506
11300F	250	50	80	100	86,00	2	113000508
11300F	250	50	120	100	89,00	2	113000512
11300F	250	50	180	100	105,00	2	113000518
11300F	250	50	220	100	115,00	2	113000522
<hr/>							
	Ø mm	H mm	P	F mm	€	Hand	Machine
11300G	300	50	40	100	110,00	2	113000604
11300G	300	50	60	100	115,00	2	113000606
11300G	300	50	80	100	118,00	2	113000608

## 11320

abrasive non-woven wheels with bores,  
corundum synthetic fibre fabric

Ø 200 x 50 mm



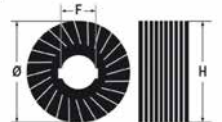
	Ø mm	H mm	P	F mm	€	Hand	Machine
11320	200	50	C	76,2	33,00	2	113200006
11320	200	50	M	76,2	33,00	2	113200008
11320	200	50	F	76,2	33,00	2	113200012
11320	200	50	VF	76,2	33,00	2	113200024

## 11411

flap wheels with corundum cloth for satinizing machines

Ø 100 x 100 mm

EN 13743



	Ø mm	H mm	P	F mm	€	Hand	Machine
11411	100	100	40	19,1	28,00	2	114110004
11411	100	100	60	19,1	31,00	2	114110006
11411	100	100	80	19,1	32,00	2	114110008
11411	100	100	120	19,1	33,00	2	114110012
11411	100	100	240	19,1	34,00	2	114110024

## 11415B

non-woven flaps with  
corundum synthetic fibres for satinizing machines

Ø 100 x 100 mm



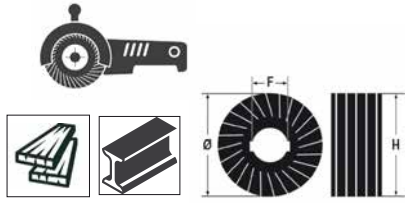
	Ø mm	H mm	P	F mm	€	Hand	Machine
11415B	100	100	C	19,1	24,00	2	114150106
11415B	100	100	M	19,1	24,00	2	114150108
11415B	100	100	F	19,1	24,00	2	114150112
11415B	100	100	VF	19,1	24,00	2	114150124



## 11420B

flap/non-woven wheels for satinizing machines,  
abrasive cloth alternating with corundum synthetic fibres

Ø 100 x 100 mm

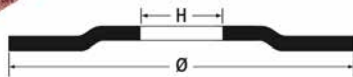


	Ø mm	H mm	P	F mm	€	🔧	📦
11420B	100	100	C/60	19,1	26,00	2	114200106
11420B	100	100	M/80	19,1	26,00	2	114200108
11420B	100	100	F/120	19,1	26,00	2	114200112
11420B	100	100	VF/240	19,1	26,00	2	114200124

## 11431

non-woven radial discs,  
corundum synthetic fibres

Ø 115 mm

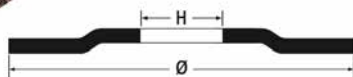


	Ø mm	P	F mm	€	🔧	📦
11431	115	C	22,23	15,00	4	114310006
11431	115	M	22,23	15,00	4	114310008
11431	115	F	22,23	15,00	4	114310012
11431	115	VF	22,23	15,00	4	114310024

## 11435

flap/non-woven radial discs,  
abrasive cloth alternating with corundum synthetic fibres

Ø 115 mm

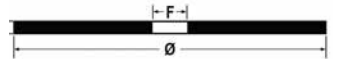


	Ø mm	P	F mm	€	🔧	📦
11435	115	M/80	22,23	18,00	4	114350008
11435	115	M/120	22,23	18,00	4	114350012
11435	115	F/150	22,23	18,00	4	114350015
11435	115	F/180	22,23	18,00	4	114350018

## 11440A÷11440C

fibre discs with zirconia cloth

Ø 115 mm



	Ø mm	P	F mm	€	🔧	📦
11440A	115	24	22	1,30	25	114400024
11440A	115	36	22	1,30	25	114400036
11440A	115	60	22	1,20	25	114400060
11440A	115	120	22	1,20	25	114400120

	Ø mm	P	F mm	€	🔧	📦
11440B	125	24	22	1,50	25	114400224
11440B	125	36	22	1,50	25	114400236
11440B	125	60	22	1,40	25	114400260
11440B	125	120	22	1,40	25	114400320

	Ø mm	P	F mm	€	🔧	📦
11440C	180	24	22	2,40	25	114400424
11440C	180	36	22	2,40	25	114400436
11440C	180	60	22	2,30	25	114400460
11440C	180	120	22	2,30	25	114400520

## 11450A÷11450C

fibre discs with corundum cloth

Ø 115 mm



	Ø mm	P	F mm	€	🔧	📦
11450A	115	24	22	1,00	25	114500024
11450A	115	36	22	1,00	25	114500036
11450A	115	60	22	0,90	25	114500060
11450A	115	120	22	0,90	25	114500120

	Ø mm	P	F mm	€	🔧	📦
11450B	125	24	22	1,10	25	114500224
11450B	125	36	22	1,10	25	114500236
11450B	125	60	22	1,10	25	114500260
11450B	125	120	22	1,10	25	114500320

	Ø mm	P	F mm	€	🔧	📦
11450C	180	24	22	1,70	25	114500424
11450C	180	36	22	1,70	25	114500436
11450C	180	60	22	1,60	25	114500460
11450C	180	120	22	1,60	25	114500520

## 11488PF

fixing pads for fibre discs with ring nut M14



	Ø mm	€		
11488P	115	7,60	1	114880115
11488P	125	8,30	1	114880125
11488P	180	12,70	1	114880180

## 11491-11493-11495

anti-waste rolls made of corundum abrasive cloth

h 38 mm x 50 m



	H mm	L m	P	€		
11491	38	50	40	49,00	1	114910004
11491	38	50	60	48,00	1	114910006
11491	38	50	80	47,00	1	114910008
11491	38	50	100	46,00	1	114910010
11491	38	50	120	46,00	1	114910012
11491	38	50	150	46,00	1	114910015
11491	38	50	180	46,00	1	114910018
11491	38	50	220	46,00	1	114910022
11491	38	50	240	46,00	1	114910024
11491	38	50	320	46,00	1	114910032
11491	38	50	400	46,00	1	114910040

	H mm	L m	P	€		
11493	50	50	40	78,00	1	114930004
11493	50	50	60	71,00	1	114930006
11493	50	50	80	70,00	1	114930008
11493	50	50	100	66,00	1	114930010
11493	50	50	120	66,00	1	114930012
11493	50	50	150	66,00	1	114930015
11493	50	50	180	66,00	1	114930018
11493	50	50	220	66,00	1	114930022
11493	50	50	240	66,00	1	114930024
11493	50	50	320	66,00	1	114930032
11493	50	50	400	66,00	1	114930040

	H mm	L m	P	€		
11495	120	25	40	92,00	1	114950004
11495	120	25	60	89,50	1	114950006
11495	120	25	80	87,00	1	114950008
11495	120	25	100	85,00	1	114950010
11495	120	25	120	85,00	1	114950012
11495	120	25	180	85,00	1	114950018
11495	120	25	240	85,00	1	114950024
11495	120	25	400	85,00	1	114950040

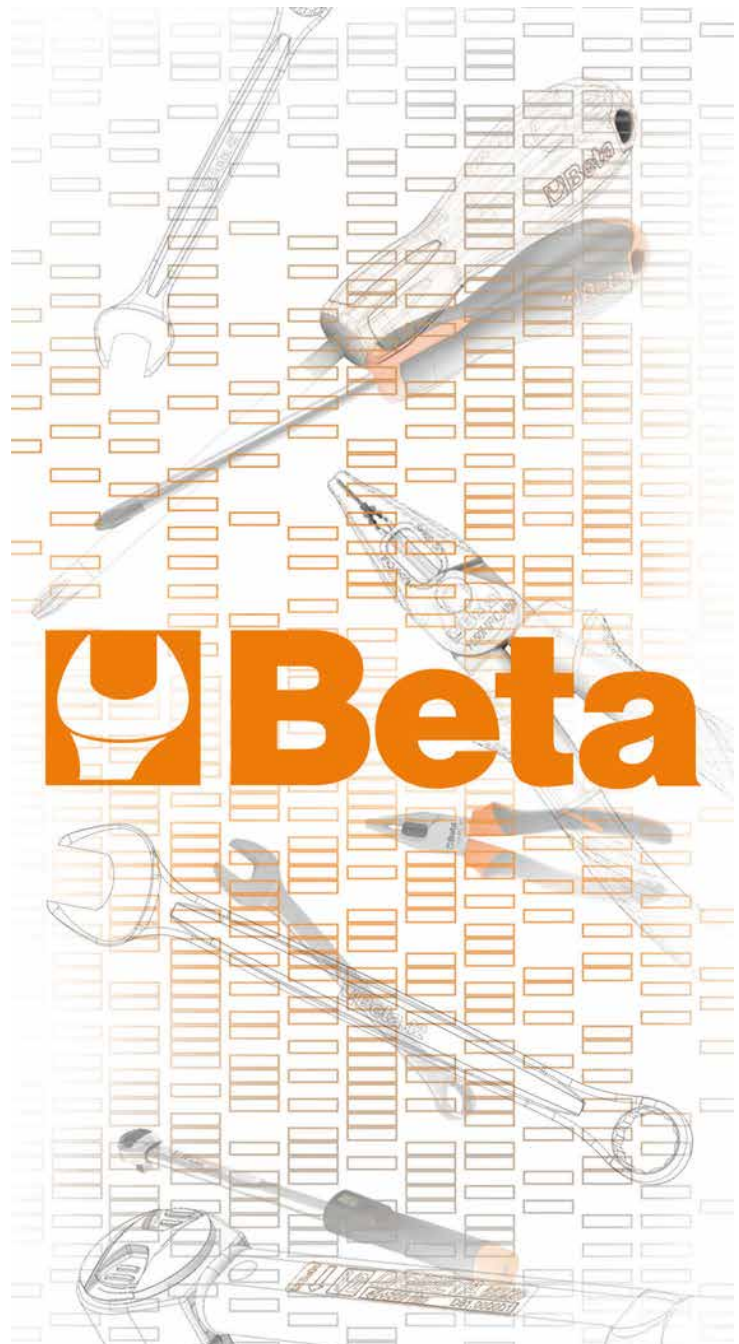
## 11498

non-woven anti-waste roll  
with corundum synthetic fibres

h 100 mm x 10 m



	H mm	L m	P	€		
11498	100	10	M	41,00	1	114980008
11498	100	10	F	33,00	1	114980012
11498	100	10	VF	33,00	1	114980015
* 11498	100	10	UF	36,00	1	114980018



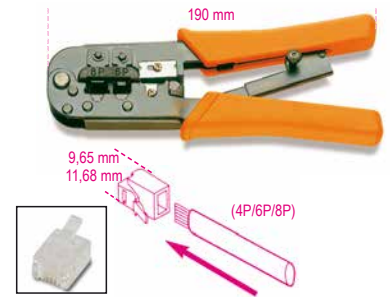
# CRIMPING PLIERS FOR TERMINALS AND TERMINALS

		Terminals	Die cavity	Range (mm <sup>2</sup> )	Use
1601/PC					For telephone and data transmission terminals 4P/6P/8P
1602				0,75-6	For insulated terminals, light series
1602A				0-6	For insulated terminals, standard model
1603				1,25-5,5	For non-insulated terminals, light series
1603A				0-8	For non-insulated closed terminals, standard model
1603B				0-8	For non-insulated open terminals, standard model
1606/2				0,14-10	Heavy-duty, for cylindrical terminals
1606A				0,5-6 6-16	For cylindrical terminals
1606T				0,1-10	For cylindrical terminals, 4-sided crimping
1607				6,48 5,41 1,69	Heavy-duty, for BNC coaxial wires RG 58, RG 59, RG 62, RG 71
1608				0,5-6	For insulated terminals, with pressure regulator
1608A				0,75-6	Heavy-duty, for insulated terminals
1609				0,5-2,5	For non-insulated terminals
1609A				0,5-6	Heavy-duty, for non-insulated terminals
1609B				10-120	For non-insulated terminals



## 1601/PC

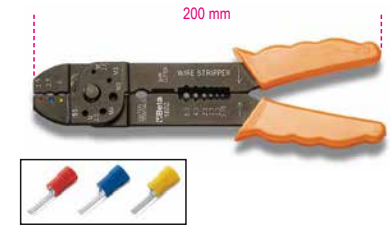
ratchet crimping pliers for telephone terminals and data transmission



RJ11-RJ12-RJ45 € 66,00 2 016010011

## 1602

crimping pliers for insulated terminals, light series



mm<sup>2</sup> € 0,75-6 16,40 5 016020001

## 1602/C9

crimping pliers, light series, with assortment of 450 terminals



1602/C9 € 143,00 1 016020045

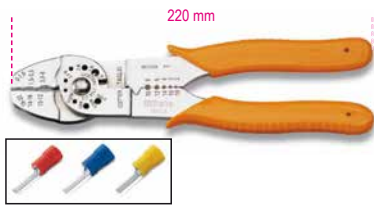
1602		n.
BM00180	R/6,3	50
BM00280	B/6,3	50
BM00380	G/6,3	50
BM00191	R/6,3	50
BM00291	B/6,3	50
BM00392	G/6,3	50
BM00160	R/1,6	50
BM00260	B/2,3	50
BM00360	G/3,6	50

420x350x35 mm - 1,5 kg



### 1602A

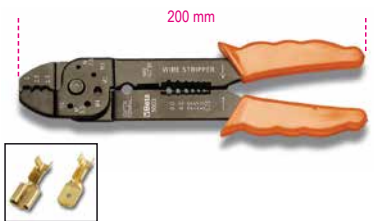
crimping pliers for insulated terminals, standard model



	mm <sup>2</sup>	€		
0÷6	60,00	2	016020005	

### 1603

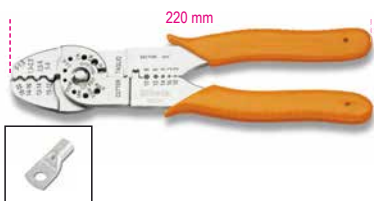
crimping pliers for non-insulated terminals, light series



	mm <sup>2</sup>	€		
1,25÷5,5	16,40	5	016030001	

### 1603A

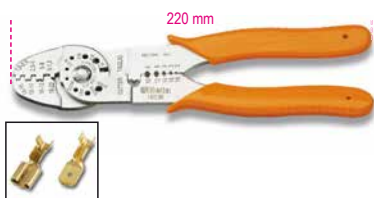
crimping pliers for non-insulated closed terminals, standard model



	mm <sup>2</sup>	€		
0÷8	60,00	2	016030005	

### 1603B

crimping pliers for non-insulated open terminals, standard model



	mm <sup>2</sup>	€		
0÷8	61,50	2	016030010	

### 1606/2

heavy duty crimping pliers for cylindrical terminals



	mm <sup>2</sup>	L	A	B	€		
0,14÷10	175	65	20	360,00	1	016060002	

### 1606A

crimping pliers for tubular terminals



	mm <sup>2</sup>	€		
1606A6	0,5÷6	96,50	1	016060010
1606A16	6÷16	96,50	1	016060016

### 1606A/C9

crimping pliers for tubular terminals with assortment of 450 terminals, 0.5÷6 mm<sup>2</sup>



1606A/C9	€		
	158,50	1	016060045

1606A6	n.	
BM00601	W/0,5	50
BM00604	N/1,5	100
BM00506	B/2,5	100
BM00508	G/4	100
BM00610	Y/6	100

420x350x35 mm - 2,5 kg



### 1606T

crimping pliers for tubular terminals, 4-sided crimping

reduced lever stress



	mm <sup>2</sup>	L	A	B	€		
0,1÷10	173	61	13	321,00	1	016060005	

### 1607

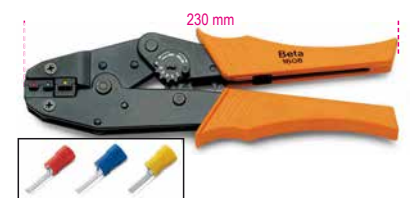
heavy duty crimping pliers for BNC coaxial wires RG 58, RG 59, RG 62, RG 71



	L	A	B	€		
1607	220	73	19	316,00	1	016070001

### 1608

crimping pliers for insulated terminals, with pressure regulator



	mm <sup>2</sup>	€		
0,5÷6	123,50	1	016080001	



## 1608/C9

pliers  
with assortment of 450 terminals



1608/C9 € 250,00 1 016080045

1608	n.
BM00180 R/6,3	50
BM00280 B/6,3	50
BM00380 G/6,3	50
BM00191 R/6,3	50
BM00291 B/6,3	50
BM00392 G/6,3	50
BM00160 R/1,6	50
BM00260 B/2,3	50
BM00360 G/3,6	50

420x350x35 mm - 2 kg

## 1608A

heavy duty crimping pliers  
for insulated terminals



mm<sup>2</sup> € 250,00 1 016080005  
0,75÷6

# Beta

## 1609

crimping pliers for non-insulated  
terminals, professional model  
fast performance



mm<sup>2</sup> € 123,50 1 016090001  
0,5÷2,5

## 1609A

heavy duty crimping pliers  
for non-insulated terminals



mm<sup>2</sup> € 486,00 1 016090005  
0,5÷6

## 1609B

crimping pliers for noninsulated terminals

punch crimps,  
10 mm<sup>2</sup> ÷ 120 mm<sup>2</sup>



L mm € 329,00 1 016090101  
600 mm<sup>2</sup> 10÷120

## 1609C/C5

oil-pressure crimping pliers  
with 5 pairs of dies

hexagonal crimps,  
25 mm<sup>2</sup> ÷ 240 mm<sup>2</sup>



mm<sup>2</sup> € 2.105,00 1 016090210  
50÷240

500x300x110 mm - 4 kg

## 1609M

dies for item 1609C

hexagonal crimps



1609M/16	mm <sup>2</sup>	€	1	016090221
1609M/35	25-35	76,00	1	016090223
1609M/70	50-70	76,00	1	016090225
1609M/120	95-120	76,00	1	016090227
1609M/150	150	76,00	1	016090229
1609M/185	185	76,00	1	016090231
1609M/240	240	76,00	1	016090233

## 1639S

nylon wire puller

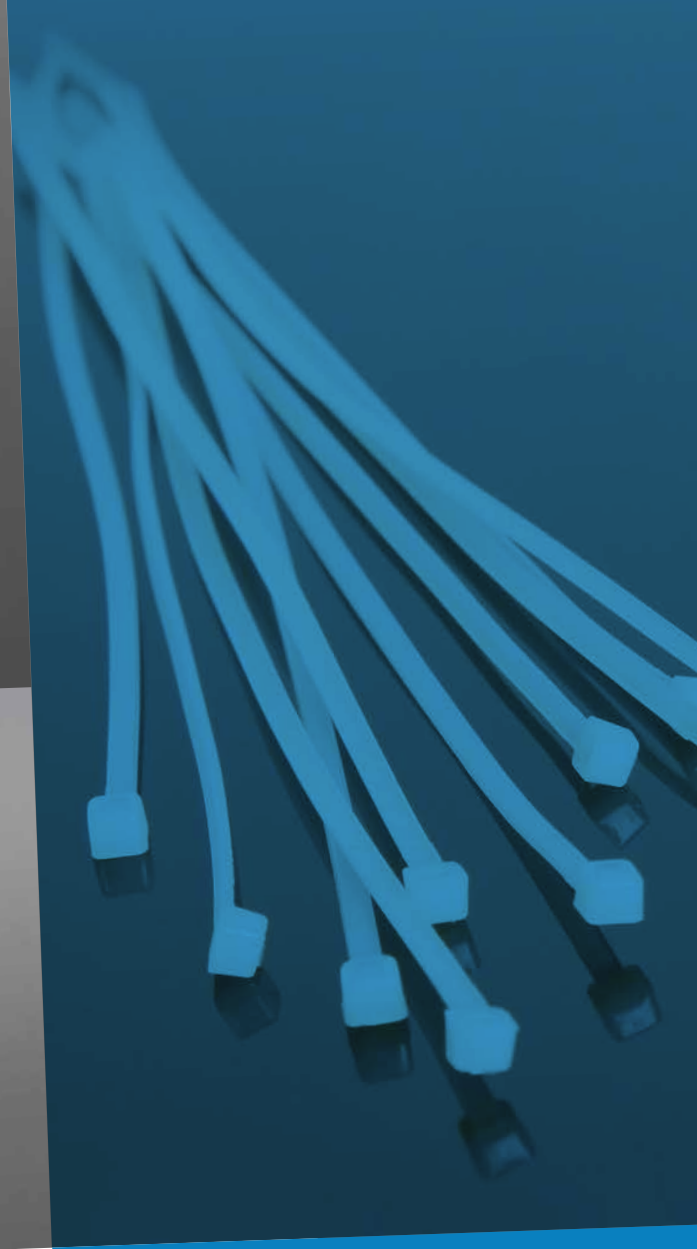
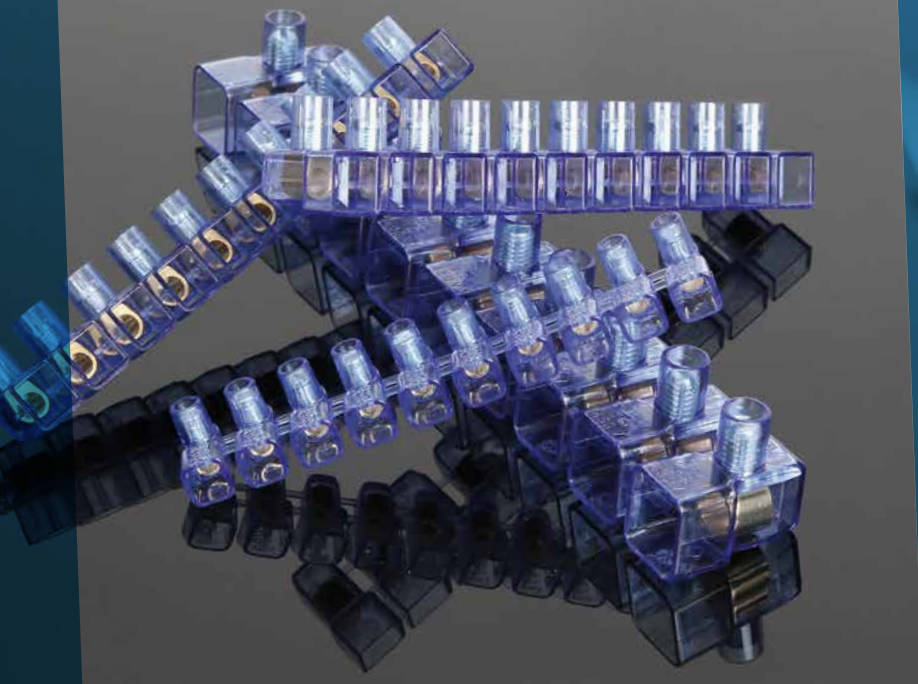
with interchangeable heads



L m € 21,70 1 016390010  
10 m Ø 4 mm







## PRODUCTS UNDER THE BRAND NAME BM: CABLE TIES, TERMINAL BLOCKS, ELECTRICAL TAPES

BM Group has been designing, manufacturing and distributing connecting parts and electrical installation products since 1958. Quality, safety and reliability have always been BM's key values. Combined with a passion for excellence, these values have allowed the company to develop – step by step – into a benchmark for the electrical material market.

In 2018 BM Group was taken over by Beta Utensili. This section comprises an accurate selection of products under the brand name BM, supplementing Beta's product range.

### CERTIFIED QUALITY





## 1610-B

pre-insulated ring terminals

D mm	mm²	L mm	€	100	BM00119
4	0,25-1,5	20,6	8,10	100	BM00119
5	0,25-1,5	21,8	8,00	100	BM00125
5	1,5-2,5	22,4	8,15	100	BM00225
6	1,5-2,5	26	9,15	100	BM00231
8	1,5-2,5	29,8	10,90	100	BM00237
6	4-6	29,1	14,30	50	BM00331
8	4-6	34,5	17,60	50	BM00337

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1614-P

pre-insulated ferrule terminals

D mm	mm²	L mm	€	100	BM00151
1,9	0,25-1,5	19	8,10	100	BM00151
1,9	1,5-2,5	19	8,50	100	BM00251
2,7	4-6	28	14,10	50	BM00350

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1616-SM

pre-insulated male pin terminals

D mm	mm²	L mm	€	100	BM00130
4	0,25-1,5	21	15,90	100	BM00130

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1618-SF

pre-insulated female pin terminals

D mm	mm²	L mm	€	100	BM00140
3,8	0,25-1,5	23,5	18,50	100	BM00140

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1620-M

pre-insulated quick male terminals

HxS mm	mm²	L mm	€	100	BM00180
6,3x0,8	0,25-1,5	21	15,30	100	BM00180
6,3x0,8	1,5-2,5	21	15,90	100	BM00280
6,3x0,8	4-6	24,5	17,40	50	BM00380

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1622-F

pre-insulated quick female terminals

HxS mm	mm²	L mm	€	100	BM00190
6,3x0,8	0,25-1,5	20,7	15,60	100	BM00190
2,8x0,5	0,25-1,5	18,5	13,10	100	BM00395
6,3x0,8	1,5-2,5	20,7	13,90	100	BM00290
6,3x0,8	4-6	24,5	22,60	50	BM00391

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1624-FI

insulated quick female terminals

HxS mm	mm²	L mm	€	100	BM00191
6,3x0,8	0,25-1,5	22	17,20	100	BM00191
6,3x0,8	1,5-2,5	22	17,50	50	BM00291
6,3x0,8	4-6	25	21,90	50	BM00392

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1628-C

pre-insulated cable connectors

D mm	mm²	L mm	€	100	BM00160
1,8	0,25-1,5	25	13,00	100	BM00160
2,5	1,5-2,5	26,5	15,30	100	BM00260
3,7	4-6	27	21,20	50	BM00360

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1630-CR

quick connectors

mm²	L mm	€	500	BM00110
0,25-1	15,3	13,40	500	BM00110
1,25-2,5	15,9	13,00	500	BM00210

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1632-TS

single tube terminals

mm²	L mm	€	500	BM00601
0,5	14	1,61	500	BM00601
0,75	14	1,61	500	BM00602
1	14	1,61	500	BM00603
1,5	14	1,61	500	BM00604
2,5	14	2,10	250	BM00506
4	17	3,35	200	BM00508
6	20	5,40	100	BM00610
0,5	14	1,61	500	BM00501
0,75	14	1,61	500	BM00502
1	14	1,61	500	BM00503
1,5	14	1,60	500	BM00504
6	20	5,40	100	BM00510

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1634-TD

dual tube terminals

mm²	L mm	€	200	BM00651
2x0,5	15	5,30	200	BM00651
2x0,75	15	4,10	200	BM00652
2x1	15	4,10	200	BM00654
2x1,5	16	4,40	200	BM00656
2x2,5	18,5	5,00	100	BM00558
2x4	23	14,90	100	BM00560
2x6	26	19,40	50	BM00661
2X0,5	15	5,30	200	BM00551
2X0,75	15	4,15	200	BM00552
2X1	15	4,15	200	BM00554
2X1,5	16	4,40	200	BM00556
2X6	26	19,40	50	BM00561

- Please indicate number of terminals, and not of packages, in your order  
- Stated prices are for 100 pieces



### 1635-D

multiple polypropylene terminals, 12-pole strips

Insulating housing: natural polypropylene (PP)

Conductive body: brass

Captive screw: galvanized steel

Self-extinguishing: EN 60335-1: 2002+A2:2006 (par. 30.2.3), EN 60695-2-10 at 850 °C, EN 60695-2-11

Operating temperature: max. 85 °C

Degree of protection: IP20

Reference standards: EN 60998-1: 2004, EN 60998-2-1: 2004, EN 60335-1: 2002 + A2: 2006 (par. 30.2.3), IEC/EN 60695-2-11

Classification: type 1 (EN); type 21 (UL)



mm <sup>2</sup>	L mm	L1 mm	mm <sup>2</sup>	€	📦	🖨️
16	93,7	14,7	2,5	1,36	50	BM9200
20,5	116,5	17,2	4	1,69	50	BM9201
23,5	139,5	20,1	6	2,46	50	BM9202
25,3	175,5	22,5	16	4,35	25	BM9203
35,2	228	33,5	25	11,90	10	BM9204

### 1635-S

closed end connector terminals, for free connections

Insulating housing: transparent polycarbonate UL94 V0

Conductive body: brass

Captive screw: galvanized steel

Self-extinguishing: EN60695-2-10 a 850°C, EN 60335-1:2002 +A2:2006, EN60695-2-11

Working temperature: max. 85 °C

Degree of protection: IP20

Reference standards: EN60998-1: EN60998-2-1:2004



mm <sup>2</sup>	L mm	L1 mm	S mm	mm <sup>2</sup>	N	€	📦	🖨️
1.5	15	7.5	14.5	1.5	2	1,23	10	BM991
					1 2+3			
					0.75 2+4			
2.5	17.5	9	18.2	2.5	2	1,26	10	BM992
					1.5 2+3			
					1 2+4			
4	21	10.3	20	4	2	1,69	10	BM9924
					2.5 2+3			
					1.5 2+4			
6	22.5	11.8	23	6	2	1,96	10	BM993
					4 2+3			
					2.5 2+4			
10	26	14.7	26	10	2	3,30	10	BM994
					6 2+3			
					4 2+4			
16	31.8	18.8	32.2	16	2	7,90	10	BM995
					10 2+3			
					6 2+4			

### 1635-S



mm <sup>2</sup>	L mm	L1 mm	S mm	mm <sup>2</sup>	N	€	📦	🖨️
25	36.3	22.5	41.9	25	2	3,65	25	BM9960
					16 2+3			
					10 2+4			
35	43.5	26.1	49.4	35	2	4,70	25	BM9961
					25 2+3			
					16 2+4			



### 1748-BV2

nylon cable ties, natural colour

Material: polyamide PA 6.6

Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N	€	📦	🖨️
2.5	80	14	80	1,28	100	BMB0824
2.5	100	20.5	80	1,19	100	BMB1025
2.5	120	27	80	2,09	100	BMB1225
2.5	160	40	80	2,81	100	BMB1625
2.5	200	52.5	80	3,10	100	BMB2025
3.6	140	33	180	3,15	100	BMB1436
3.6	200	52.5	180	4,35	100	BMB2036
3.6	300	106	180	6,15	100	BMB2936
3.6	370	105	180	9,70	100	BMB3736
4.6	120	24	220	4,25	100	BMB1248
4.6	160	36	220	4,55	100	BMB1648
4.8	188	46	220	5,45	100	BMB1948
4.8	200	50	220	5,35	100	BMB2048
4.8	250	65	220	7,75	100	BMB2548
4.8	300	81	220	7,95	100	BMB3048
4.8	370	103.5	220	10,10	100	BMB3748
4.8	390	110	220	13,70	100	BMB3948
4.8	430	122.5	220	17,70	100	BMB4348
4.8	530	160	220	29,50	100	BMB5348
7.6	150	24	550	14,60	100	BMB1576
7.6	200	51	550	15,10	100	BMB2076
7.6	300	83	550	16,80	100	BMB2976
7.6	370	103.5	550	20,40	100	BMB3776
7.6	450	130.5	550	34,50	100	BMB4576
7.6	540	159	550	44,50	100	BMB5476
7.6	750	226	550	71,00	100	BMB7576
8.8	550	163.5	800	42,00	100	BMB5390
8.8	710	195	800	59,00	100	BMB7190
8.8	780	235.5	800	66,00	100	BMB7890
9.0	430	130.5	800	35,00	100	BMB4390
9.0	810	245	800	78,50	100	BMB8190
9.0	1020	295	800	108,00	100	BMB1090
9.0	1220	375.5	800	140,50	100	BMB1290
9.0	1530	460	800	192,00	100	BMB1590

- Please indicate number of cable ties, and not of packages, in your order

- Stated prices are for 100 pieces

### 1748V

nylon cable ties,

green

Material: polyamide PA 6.6

Self-extinguishing class: UL 94-V2

Operating temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N	€	📦	🖨️
2.5	100	20.5	80	1,20	100	BMV1025
3.6	140	33	180	3,15	100	BMV1436
4.8	200	50	220	5,35	100	BMV2048
4.8	300	81	220	7,95	100	BMV3048

- Please indicate number of cable ties, and not of packages, in your order

- Stated prices are for 100 pieces

### 1748N

nylon cable ties,

black

UV resistant

Material: polyamide PA 6.6 + carbon black

Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

Reference standards: EN 62275:2015-02

Classification: type 1 (EN)



A mm	L mm	Ø mm	F MAX N	€	📦	🖨️
2.5	80	14	80	1,28	100	BMN0824
2.5	100	20.5	80	1,19	100	BMN1025
2.5	120	27	80	2,12	100	BMN1225
2.5	160	40	80	2,81	100	BMN1625
2.5	200	52.5	80	3,10	100	BMN2025
3.6	140	33	180	3,15	100	BMN1436
3.6	200	52.5	180	4,35	100	BMN2036
3.6	300	106	180	6,15	100	BMN2936
3.6	370	105	180	9,90	100	BMN3736
4.6	120	24	220	4,25	100	BMN1248
4.6	160	36	220	4,65	100	BMN1648
4.8	188	46	220	5,50	100	BMN1948
4.8	200	50	220	5,35	100	BMN2048
4.8	250	65	220	7,75	100	BMN2548
4.8	300	81	220	7,95	100	BMN3048
4.8	370	103.5	220	10,10	100	BMN3748
4.8	390	110	220	13,70	100	BMN3948
4.8	430	122.5	220	17,70	100	BMN4348
4.8	530	160	220	29,50	100	BMN5348
7.6	150	24	550	14,60	100	BMN1576
7.6	200	51	550	15,10	100	BMN2076
7.6	300	83	550	16,80	100	BMN2976
7.6	370	103.5	550	20,40	100	BMN3776
7.6	450	130.5	550	34,50	100	BMN4576
7.6	540	159	550	44,50	100	BMN5476
7.6	750	226	550	71,00	100	BMN7576
8.8	550	163.5	800	42,00	100	BMN5390
8.8	710	195	800	59,00	100	BMN7190
8.8	780	235.5	800	66,00	100	BMN7890
9.0	430	130.5	800	35,00	100	BMN4390
9.0	810	245	800	78,00	100	BMN8190
9.0	1020	295	800	108,50	100	BMN1090
9.0	1220	375.5	800	140,50	100	BMN1290
9.0	1530	460	800	192,00	100	BMN1590

- Please indicate number of cable ties, and not of packages, in your order

- Stated prices are for 100 pieces



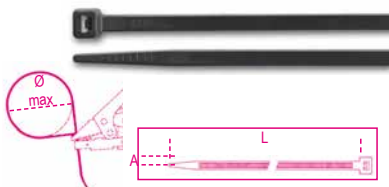


## 1748-UL

nylon cable ties, for heavy loads,  
black  
UV and IMPACT resistant

Material: polyamide PA 6.6 + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
12.4	230	57	1200	43,00	100	BMN2412
12.4	480	136.5	1200	74,50	100	BMN4912
12.4	730	216.1	1200	103,50	100	BMN7412
12.4	880	263.9	1200	124,00	100	BMN8912
12.4	1000	305	1200	148,00	100	BMN1012

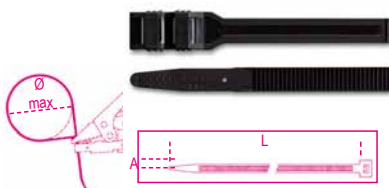
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-N2D

nylon cable ties,  
black,  
UV resistant

Material: polyamide PA 6.6 + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
9.0	180	40	400	22,50	100	BMN1890
9.0	265	62	540	34,50	100	BMN2690
9.0	360	93	540	42,00	100	BMN3690

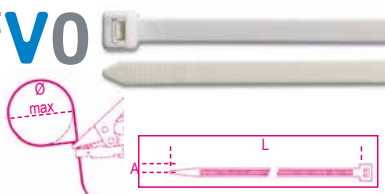
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BV0

self-extinguishing nylon cable ties,  
white

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V0  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE V0



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
2.5	100	20.5	80	1,86	100	BMB1025V0
3.6	150	36.0	180	4,50	100	BMB1536V0
3.6	200	52.5	180	6,45	100	BMB2036V0
4.8	200	49.5	230	7,05	100	BMB2048V0
4.8	300	81.0	230	10,30	100	BMB3048V0
4.8	370	106.7	230	14,70	100	BMB3848V0
7.6	370	106.7	540	26,00	100	BMB3876V0

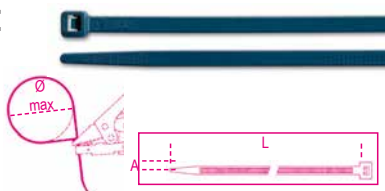
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BX

nylon cable ties,  
blue,  
detectable by metal detectors

Material: polyamide PA 6.6 + metal powder  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
2.5	100	20.5	80	2,24	100	BMBX1025
3.6	150	36.0	180	5,85	100	BMBX1536
3.6	200	52.5	180	7,90	100	BMBX2036
4.8	200	49.5	230	9,65	100	BMBX2048
4.8	300	81.0	230	14,00	100	BMBX3048
4.8	370	106.7	230	19,00	100	BMBX3848
7.6	370	106.7	540	34,50	100	BMBX3876

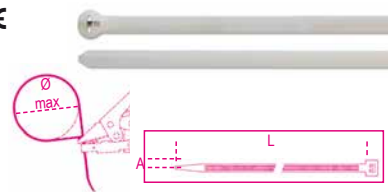
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BL

steel tooth nylon cable ties,  
natural colour

Material: polyamide PA 6.6 + steel  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
2.5	100	20.5	180	4,45	100	BMBL1025
2.5	200	52.5	180	5,80	100	BMBL2025
3.6	140	33.0	250	10,00	100	BMBL1436
4.8	200	49.5	360	13,90	100	BMBL2048
4.8	300	81.0	360	17,80	100	BMBL3048
4.8	370	103.5	360	21,40	100	BMBL3748
7.6	370	103.5	780	40,50	100	BMBL3776

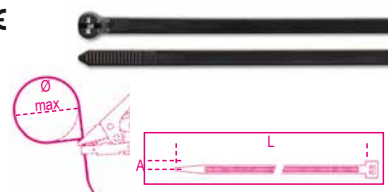
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-NL

steel tooth nylon cable ties,  
black,  
UV resistant

Material: polyamide PA 6.6 + steel + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX	€	📦	🏭
mm	mm	mm	N			
2.5	100	20.5	180	4,45	100	BMNL1025
2.5	200	52.5	180	5,80	100	BMNL2025
3.6	140	33.0	250	10,00	100	BMNL1436
4.8	200	49.5	360	13,90	100	BMNL2048
4.8	300	81.0	360	17,80	100	BMNL3048
4.8	370	103.5	360	21,40	100	BMNL3748
7.6	370	103.5	780	39,50	100	BMNL3776

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

**Beta**

**Beta**

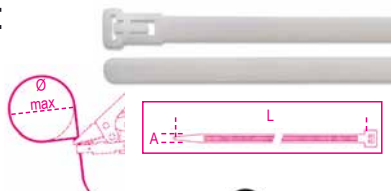


## 1748-BR

reusable nylon cable ties,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



UL FILE N° E223175

A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
7.6	150	40	230	15,40	100	BMBR1576
7.6	200	55	230	16,50	100	BMBR2076
7.6	300	82	230	28,00	100	BMBR3076

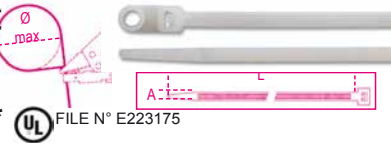
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BH

nylon cable ties with eyelets,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



UL FILE N° E223175

A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
2.5	110	19.0	80	4,10	100	BMBH1125
* 4.8	200	49.8	230	10,10	100	BMBH2048
* 7.6	305	78.7	550	33,00	100	BMBH3076

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces



## 1748-BP

insertion nylon cable ties,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



UL FILE N° E223175

A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
3.6	155	37.9	180	6,25	100	BMBP1536
* 4.8	200	50.8	230	10,80	100	BMBP2048

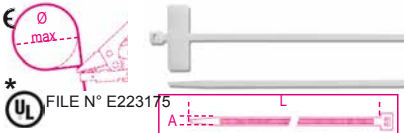
- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BT

nylon cable ties with cross plates, 25x8mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



UL FILE N° E223175

A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
2.5	100	22.0	80	7,00	100	BMBT21025
2.5	200	53.5	80	11,00	100	BMBT22025

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BT2

nylon cable ties with lengthwise plates, 13x27mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
4.8	190	51	230	13,00	100	BMBT12248

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BT3

nylon cable ties with exterior plates, 20x9mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: good Resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



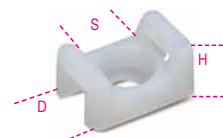
A	L	Ø MAX	F MAX	€	📦	🖨️
mm	mm	mm	N			
2.5	110	22	80	7,15	100	BMBT11125

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BA1

cable tie mounts

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F	€	📦	🖨️
mm	mm	mm			
15.2x9.4x6.8	3.3	3.6	9,70	100	BMB0905
22x16.2x10.8	5.2	9	22,00	100	BMB0906

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-NA1

cable tie mounts

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F	€	📦	🖨️
mm	mm	mm			
15.2x9.4x6.8	3.3	3.6	10,00	100	BMN0905
22x16.2x10.8	5.2	9	17,80	100	BMN0906

- Please indicate number of cable ties, and not of packages, in your order  
- Stated prices are for 100 pieces

## 1748-BA2

cable tie mounts - two-way

Material: polyamide PA 6.6

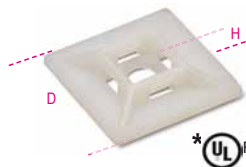
Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



\*UL FILE N° E223175

SxDxH mm	F mm	€	📦	🚚
19x19x5.4	3.6	12,10	100	BMB0901
* 28x28x7	4.8	16,70	100	BMB0902
* 28x28x5.8	4.8	15,30	100	BMB0903

## 1748-NA2

cable tie mounts - two-way,

UV resistant

Material: polyamide PA 6.6

Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



\*UL FILE N° E223175

SxDxH mm	F mm	€	📦	🚚
19x19x5.4	3.6	12,10	100	BMN0901
* 28x28x7	4.8	16,70	100	BMN0902
* 28x28x5.8	4.8	15,20	100	BMN0903

- Please indicate number of cable ties, and not of packages, in your order

- Stated prices are for 100 pieces

## 1748-S

self-locking stainless steel cable ties

Material: stainless steel AISI 304

Locking device: roller ball type

Self-extinguishing class: non-flammable

Plenum rating: AH-1

UV resistance: excellent

Working temperature: -60 °C ÷ +300 °C

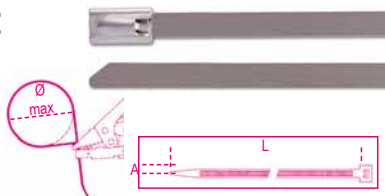
Minimum installation temperature: -60 °C

Resistance to chemicals: excellent

Reference standards: EN 62275:2015-02

Classification: type 2 (EN); type 2 (UL)

CE



A mm	L mm	ØMAX mm	Trazione N	€	📦	🚚
4.6	125	38	890	73,50	100	BMS1345
4.6	200	61.9	890	76,50	100	BMS2045
7.9	200	61.9	1500	81,00	100	BMS2079
4.6	290	90.6	890	82,50	100	BMS3045
7.9	300	90.6	1500	93,50	100	BMS3079
4.6	360	112.8	890	89,50	100	BMS3745
7.9	360	112.8	1500	102,00	100	BMS3779
7.9	520	163.8	1500	121,00	100	BMS5079
4.6	520	163.8	890	89,50	100	BMS5245
4.6	680	214.8	890	95,00	100	BMS6845
7.9	680	214.8	1500	137,50	100	BMS6879
4.6	840	265.7	890	99,50	100	BMS8445
7.9	840	265.7	1500	163,00	100	BMS8479

## 1748-SC

self-locking stainless steel cable ties,  
black polyester coating

Material: stainless steel AISI 304 + polyester

Locking device: roller ball type

Self-extinguishing class: non-flammable

Plenum rating: AH-1

UV resistance: excellent

Working temperature: -60 °C ÷ +300 °C

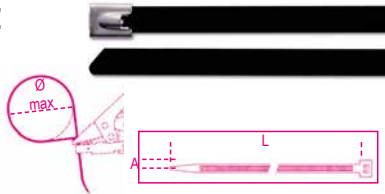
Minimum installation temperature: -60 °C

Resistance to chemicals: excellent

Reference standards: EN 62275:2015-02

Classification: type 2 (EN); type 2 (UL)

CE



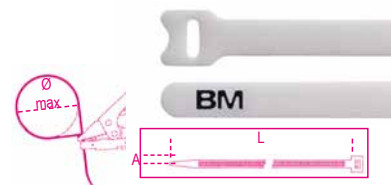
A mm	L mm	ØMAX mm	Trazione N	€	📦	🚚
4.6	125	38	450	76,50	100	BMSC1345
4.6	200	61.9	450	89,00	100	BMSC2045
7.9	200	61.9	800	90,50	100	BMSC2079
4.6	290	90.6	450	99,50	100	BMSC3045
7.9	300	90.6	800	106,50	100	BMSC3079
4.6	360	112.8	450	110,00	100	BMSC3745
7.9	360	112.8	800	120,00	100	BMSC3779
7.9	520	163.8	800	150,50	100	BMSC5079
4.6	520	163.8	450	111,50	100	BMSC5245
4.6	680	214.8	450	127,00	100	BMSC6845
7.9	680	214.8	800	171,50	100	BMSC6879
4.6	840	265.7	450	135,00	100	BMSC8445
7.9	840	265.7	800	206,00	100	BMSC8479

## 1748-BV

Velcro cable ties, wrap strap,  
white

Material: polyethylene-polyamide (PE-PA)

Operating temperature: -20 °C ÷ +60 °C



A mm	L mm	Ø MAX mm	F MAX mm	€	📦	🚚
12,7	229	55	180	220,50	10	BMBV2312
19	229	55	220	253,00	10	BMBV2319

- Please indicate number of cable ties, and not of packages, in your order

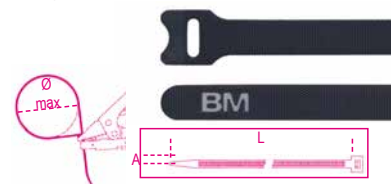
- Stated prices are for 100 pieces

## 1748-NV

Velcro cable ties, wrap strap,  
black

Material: polyethylene-polyamide (PE-PA)

Operating temperature: -20 °C ÷ +60 °C



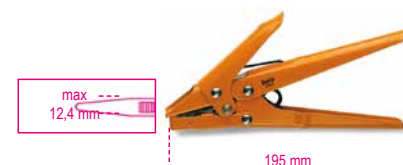
A mm	L mm	Ø MAX mm	F MAX mm	€	📦	🚚
12,7	229	55	180	220,50	10	BMNV2312

- Please indicate number of cable ties, and not of packages, in your order

- Stated prices are for 100 pieces

## 1743

fitting tool for nylon ties



1743	€ 57,00	📦 1	🚚 017430001
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## 1743T

cable tie cutting tool

• Also suitable for cutting small cables  
(3x1.5mm<sup>2</sup>; 1x17mm<sup>2</sup>)



1743T	€ 34,00	📦 1	🚚 017430100
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## 1748-N

fitting tools for nylon cable ties, 2.5 to 4.8 mm in width

Automatic cutting when set tension is reached.  
With tightening tension adjustment system.

Materials: glass frame made from polymer and fibreglass, interior parts made from metal



1748-N € 61,50 1 BM1100

## 1748-ST

automatic clamps for stainless steel cable ties, for cable ties with width ranging from 4.6 to 9 mm, automatic tension and cut control



1748-ST € 236,50 1 BM1105

## 1638M

thin-wall heat shrink sheaths, in mini box

Shrink ratio: 2:1

Material: polyethylene

Operating temperature: -55 °C + +125 °C

Shrink temperature: +70 °C + +110 °C

Maximum VRMS: 600 V

Self-extinguishing degree of sheath: flame retardant VW-1 (UL 1581)

Halogen-free



L	Ø1	Ø2	€	U	BM
mm	mm	mm			
1,6	12	2,0+0,-0,30,85	18,90	1	BMGBS016MNE
2,4	11	3,00+0,-0,31,25	18,90	1	BMGBS024MNE
3,2	11	3,5+0,-0,4 1,5	18,90	1	BMGBS032MNE
4,8	10	5,5+0,-0,4 2,5	18,90	1	BMGBS048MNE
6,4	9	6,5+0,-0,4 3	18,90	1	BMGBS064MNE
9,5	7	9,5+0,-0,5 4,5	18,90	1	BMGBS095MNE
12,7	6	13,5+0,-0,5 6,5	18,90	1	BMGBS127MNE
19	5	21+0,-0,5 10	19,30	1	BMGBS190MNE
25,4	3,5	26,0+0,-0,5 12,5	19,70	1	BMGBS254MNE

## 1639ESB

PVC electrical tape

Working temperature: 0-90°C

Tensile strength: 28N/cm equivalent to 18.6 N/mm<sup>2</sup>

Elongation: 200%

Adhesion to steel: 2.2N/cm

Adhesion to backing: 2 N/cm

Dielectric strength: 45kV/mm

Flammability: flame retardant

Reference standards: IEC 60454-2

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L	€	U	BM
mm	mm	m			
0.15	15	10	0,83	10	BMESB1510BI
0.15	15	10	0,83	10	BMESB1510BL
0.15	15	10	0,83	10	BMESB1510GI
0.15	15	10	0,83	10	BMESB1510GR
0.15	15	10	0,92	10	BMESB1510GV
0.15	15	10	0,83	10	BMESB1510MA
0.15	15	10	0,83	10	BMESB1510NE
0.15	15	10	0,83	10	BMESB1510RO
0.15	15	10	0,83	10	BMESB1510VE
0.15	15	25	2,02	10	BMESB1525BI
0.15	15	25	2,02	10	BMESB1525BL
0.15	15	25	2,02	10	BMESB1525GI
0.15	15	25	2,02	10	BMESB1525GR
0.15	15	25	2,11	10	BMESB1525GV
0.15	15	25	2,02	10	BMESB1525MA
0.15	15	25	2,02	10	BMESB1525NE
0.15	15	25	2,02	10	BMESB1525RO
0.15	15	25	2,02	10	BMESB1525VE
0.15	19	25	2,21	10	BMESB1925BI
0.15	19	25	2,21	10	BMESB1925BL
0.15	19	25	2,21	10	BMESB1925GI
0.15	19	25	2,21	10	BMESB1925GR
0.15	19	25	2,30	10	BMESB1925GV
0.15	19	25	2,21	10	BMESB1925MA
0.15	19	25	2,21	10	BMESB1925NE
0.15	19	25	2,21	10	BMESB1925RO
0.15	19	25	2,21	10	BMESB1925VE
0.15	25	25	3,10	8	BMESB2525BI
0.15	25	25	3,10	8	BMESB2525BL
0.15	25	25	3,10	8	BMESB2525GI
0.15	25	25	3,10	8	BMESB2525GR
0.15	25	25	3,20	8	BMESB2525GV
0.15	25	25	3,10	8	BMESB2525MA
0.15	25	25	3,10	8	BMESB2525NE
0.15	25	25	3,10	8	BMESB2525RO
0.15	25	25	3,10	8	BMESB2525VE
0.15	50	25	5,00	4	BMESB5025NE

## 1639ESC

PVC electrical tape

Working temperature: 0-80°C

Tensile strength: 28N/cm equivalent to 18.6 N/mm<sup>2</sup>

Elongation: 200%

Adhesion to steel: 2.2N/cm

Adhesion to backing: 2.2 N/cm

Dielectric strength: 38kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-1000 ; UL510

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L	€	U	BM
mm	mm	m			
0.18	19	20	2,94	10	BMESB1920NE

## 1639ETA

PVC electrical tape for extreme temperatures

Working temperature: -18 ÷ +105 °C

Tensile strength: 35N/cm equivalent to 19.4 N/mm<sup>2</sup>

Elongation: 300%

Adhesion to steel: 3.1N/cm

Adhesion to backing: 2.7 N/cm

Dielectric strength: 55.5kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-1000 ; UL510

Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L	€	U	BM
mm	mm	m			
0.18	19	20	8,80	1	BMETA1920NE

## 1639EAB

EPR self-amalgamating electrical tape

Working temperature: -40 ÷ +90 °C

Tensile strength: 2.4 N/mm<sup>2</sup>

Elongation: 750%

Dielectric strength: 29.5kV/mm

Flammability: flame retardant

Reference standards: ASTM-D-4388; ASTM-D-4325

Excellent resistance to: moisture, corrosion, chemicals



S	A	L	€	U	BM
mm	mm	m			
0.76	19	9	18,00	1	BMEAB1909NE

**Beta**  
Quality Tools

**Beta**





# BLISTER PACK RANGE

free-service sales!

- **Increased visibility**
- **Display efficiency**
- **Bar code**



*Blister pack support:*

- tearproof PVC
- 4 formats for optimized display space
- New-generation fixing system with elastic band

## 42K



mm	€	Hand	Code
5,5x5,5	8,65	5	000429505
6x6	8,75	5	000429506
7x7	8,85	5	000429507
8x8	9,10	5	000429508
9x9	9,60	5	000429509
10x10	9,85	5	000429510
11x11	10,50	5	000429511
12x12	10,60	5	000429512
13x13	10,60	5	000429513
14x14	12,10	5	000429514
15x15	13,40	5	000429515
16x16	13,80	5	000429516
17x17	14,50	5	000429517
18x18	15,30	5	000429518
19x19	15,90	5	000429519
20x20	17,80	3	000429520
21x21	19,10	3	000429521
22x22	19,70	3	000429522
23x23	21,10	3	000429523
24x24	22,20	3	000429524
25x25	23,60	2	000429525
26x26	25,50	2	000429526
27x27	27,50	2	000429527
28x28	28,00	2	000429528
29x29	31,00	2	000429529
30x30	32,00	2	000429530
32x32	35,50	2	000429532

## 55K



mm	€	Hand	Code
6x7	5,80	5	000559012
8x9	5,90	5	000559021
10x11	6,20	5	000559030
10x12	8,35	5	000559033
10x13	9,15	5	000559035
12x13	6,95	5	000559042
12x14	9,35	5	000559045
13x17	11,00	5	000559051
14x15	8,70	5	000559054
14x17	11,80	5	000559057
16x17	9,95	5	000559060
17x19	13,20	2	000559063
18x19	11,60	2	000559066
19x22	14,90	2	000559069
20x22	13,20	2	000559075
21x23	14,00	2	000559078
22x24	16,20	2	000559081
24x26	16,60	2	000559087
24x27	18,10	2	000559090
25x28	18,90	2	000559096
27x29	21,20	2	000559099
27x30	24,40	2	000559102
30x32	23,50	2	000559108

## 90K



mm	€	Hand	Code
6x7	10,70	5	000909006
8x9	11,40	5	000909012
10x11	12,60	5	000909018
12x13	13,70	5	000909027
14x15	14,90	5	000909033
16x17	17,00	5	000909039
18x19	19,90	5	000909045
20x22	22,70	3	000909051
21x23	25,50	2	000909057
24x26	28,50	2	000909063
24x27	31,50	2	000909067

mm	€	Hand	Code
25x28	34,50	2	000909070
27x29	37,00	2	000909073
30x32	41,50	2	000909080

## 93K



mm	€	Hand	Code
21x22	43,00	3	000939021

## 94K



mm	€	Hand	Code
8x10	18,50	2	000949008
9x11	19,20	2	000949009
10x11	20,10	2	000949010
11x13	20,70	2	000949011
12x14	21,90	2	000949012
13x15	21,90	2	000949013
14x15	25,50	2	000949014
14x17	26,50	2	000949015
17x19	27,00	2	000949017
19x22	28,50	2	000949019
22x24	35,50	2	000949022
24x27	38,50	2	000949024
30x32	50,00	2	000949030

## 96/SC9



Code	€	Hand	Code
96/SC9	21,80	1	000960374

## 96/ST6K



Code	€	Hand	Code
96/ST6K	15,40	3	000969370

## 96N/ST6K



Code	€	Hand	Code
96N/ST6K	10,90	3	000969640

## 96BPA/SC9



Code	€	Hand	Code
96BPA/SC9	50,00	1	000961974

## 96BP-CL/SC9



Code	€	Hand	Code
96BP-CL/SC9	55,50	1	000961619

## 96BPC/SC9



Code	€	Hand	Code
96BPC/SC9	45,50	1	000960354

## 96C/AS



"	€	Hand	Code
1/16	1,79	20	000961702
3/32	2,48	20	000961706
1/8	2,61	20	000961710
5/32	3,05	20	000961714
3/16	3,45	20	000961716
7/32	3,90	20	000961718
1/4	4,35	20	000961720
5/16	4,85	10	000961724
3/8	6,00	10	000961728

## 96LBP/SC9



Code	€	Hand	Code
96LBP/SC9	53,00	1	000961354



## 96/BGS7



96/BGS7 € 32,50 1 000960367  
1,5-2-2,5-3-4-5-6 mm

## 96/BG7



96/BG7 € 34,50 1 000960368  
2,5-3-4-5-6-8-10 mm

## 96TK



mm	€	U	000969934
2	12,60	5	000969934
2,5	12,60	5	000969935
3	13,20	5	000969936
4	13,60	5	000969938
5	13,90	5	000969940
6	15,90	5	000969941
8	20,10	3	000969943
10	23,10	3	000969945

## 97BTX/SC8



97BTX/SC8 € 81,50 1 000970164  
T9-T10-T15-T20-T25-T27-T30-T40

## 97BTXL/SC8



97BTXL/SC8 € 94,00 1 000970364  
T9-T10-T15-T20-T25-T27-T30-T40

## 111E



L mm	€	U	001110110
100	26,00	3	001110110
150	27,00	3	001110115
200	33,00	3	001110120
250	40,00	3	001110125
300	53,00	3	001110130
380	104,00	3	001110138
450	173,00	2	001110145
600	239,50	1	001110160

## 111EN



L mm	€	U	001110410
100	23,80	3	001110410
150	24,90	3	001110415
200	29,00	3	001110420
250	36,00	3	001110425
300	48,50	3	001110430
380	96,00	3	001110438
450	163,50	2	001110445

## 111ER



L mm	€	U	001110520
200	34,50	3	001110520
250	42,50	3	001110525
300	55,50	2	001110530

## 123/K4



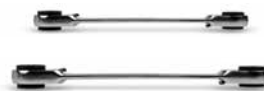
123/K4 € 34,50 1 001230504

## 142K



mm	€	U	001429006
6	18,70	3	001429006
7	18,70	3	001429007
8	19,30	3	001429008
9	20,50	3	001429009
10	21,00	3	001429010
11	21,70	3	001429011
12	22,50	3	001429012
13	24,20	3	001429013
14	25,00	2	001429014
15	26,50	2	001429015
16	28,50	2	001429016
17	29,50	2	001429017
18	31,50	2	001429018
19	32,00	2	001429019
21	41,50	1	001429021
22	43,00	1	001429022
24	50,00	1	001429024

## 192/S2



192/S2 € 67,00 1 001920070  
8x10/12x13 mm  
16x17/18x19 mm

## 195K



mm	€	U	001959010
8x10	21,30	2	001959010
12x13	24,40	2	001959013
14x15	25,50	2	001959015
16x18	30,00	2	001959018
17x19	31,50	2	001959019

## 374K



L mm € 39,50 1 003749024





## 850MQ



L mm	€	1	008500910
233	25,00	1	008500910

## 855P



L1 mm	€	1	008550010
240	76,00	1	008550010

## 860/58K



L mm	€	1	008609884
126	81,00	1	008609884

## 860LP



SxA mm	€	5	008600005
0,5x3	1,99	5	008600005
0,6x4,5	1,99	5	008600010
0,8x5,5	1,99	5	008600015
1x5,5	1,99	5	008600020
1,2x6,5	1,99	5	008600025

## 860PH



PH	€	5	008600220
0	1,99	5	008600220
1	1,99	5	008600225
2	1,99	5	008600230
3	1,99	5	008600245
4	2,88	5	008600250

## 860PZ



PZ	€	5	008600320
1	1,99	5	008600320
2	1,99	5	008600325
3	1,99	5	008600330
4	2,88	5	008600335

## 860PE



mm	€	5	008600101
2	2,12	5	008600101
2,5	2,12	5	008600102
3	2,12	5	008600103
4	2,12	5	008600104
5	2,12	5	008600105
6	2,12	5	008600106
8	2,66	5	008600108
10	2,66	5	008600110

## 860TX



mm	€	5	008600704
T6	2,66	5	008600704
T7	2,66	5	008600705
T8	2,66	5	008600710
T9	2,66	5	008600715
T10	2,12	5	008600720
T15	2,12	5	008600725
T20	2,12	5	008600730
T25	2,12	5	008600735
T27	2,12	5	008600740
T30	2,12	5	008600745
T40	2,12	5	008600750

## 860RTX



mm	€	5	008600550
T9	2,88	5	008600550
T10	2,88	5	008600555
T15	2,88	5	008600560
T20	2,88	5	008600565
T25	2,88	5	008600570
T27	2,88	5	008600575
T30	2,88	5	008600580
T40	2,88	5	008600585

## 860/C27



860/C27	€	1	008600880
860/C27	92,50	1	008600880

## 860MIX/A10



860MIX/A10	€	1	008600900
860MIX/A10	38,00	1	008600900

## 860TX/A10



860TX/A10	€	1	008600970
860TX/A10	41,00	1	008600970

## 860MIX/A31



860MIX/A31	€	1	008600902
860MIX/A31	90,50	1	008600902

## 862F/A7



862F/A7	€	1	008620950
862F/A7	52,50	1	008620950

## 900K



mm	€	10	009009040
4	4,45	10	009009040
4,5	4,45	10	009009045
5	4,45	10	009009050
5,5	4,45	10	009009055
6	4,45	10	009009060
7	4,45	10	009009070
8	4,45	10	009009080
9	4,45	10	009009090
10	4,45	10	009009100
11	4,45	10	009009110
12	4,45	10	009009120
13	4,50	10	009009130
14	4,60	10	009009140

## 900/20LK



L mm	€	5	009009819
100	9,90	5	009009819

## 900/25K

1/4"



L mm	€		
41	18,30	5	009009830

## 900BG/30K

1/4"



L mm	€		
128	9,60	5	009009834

## 900/55K

3/8"

1/4"



L mm	€		
125	49,00	5	009009870

## 900/55ZK

3/8"

1/4"



L mm	€		
125	49,00	3	009009882

## 900/58K

1/4"



L mm	€		
126	74,50	2	009009884

## 910AK

3/8"



mm	€		
6	6,90	5	009109006
7	6,90	5	009109007
8	6,90	5	009109008
9	6,90	5	009109009
10	6,90	5	009109010
11	6,90	5	009109011
12	7,15	5	009109012
13	7,15	5	009109013
14	7,15	5	009109014
15	7,15	5	009109015
16	8,00	5	009109016
17	8,00	5	009109017
18	8,00	5	009109018
19	8,00	5	009109019
20	8,55	5	009109020
21	8,55	5	009109021
22	8,80	5	009109022

## 910/21K

3/8"



L mm	€		
125	12,70	5	009109822

## 910/25K

3/8"



L mm	€		
54,6	22,60	5	009109830

## 910/55K

7/8"

3/8"



L mm	€		
200	53,00	3	009109882

## 910/58K

3/8"



L mm	€		
222	81,50	1	009109884

## 920AK

1/2"



mm	€		
10	7,00	10	009209010
11	7,00	10	009209011
12	7,00	10	009209012
13	7,25	10	009209013
14	7,25	10	009209014
15	7,25	10	009209015
16	8,10	10	009209016
17	8,10	10	009209017
18	8,10	10	009209018
19	8,10	10	009209019
20	8,80	5	009209020
21	8,80	5	009209021
22	8,80	5	009209022
23	10,30	5	009209023
24	10,30	5	009209024
25	10,30	5	009209025
26	10,60	5	009209026
27	10,60	5	009209027
28	10,60	5	009209028
29	10,90	5	009209029
30	10,90	5	009209030
32	11,50	5	009209032

## 920/21K

1/2"



L mm	€		
125	17,20	5	009209822

## 920/25K

1/2"



L mm	€		
75	27,00	5	009209830

## 920/55K

7/8"

1/2"



L mm	€		
275	64,50	3	009209882

## 920/58K

1/2"



L mm	€		
281	97,00	1	009209926

## 935K



mm	€		
6x7	8,65	5	009359105
8x9	9,30	5	009359111
10x11	10,40	5	009359115
12x13	11,50	5	009359117
14x15	13,40	5	009359126
16x17	14,60	5	009359128
18x19	17,20	5	009359131
20x22	20,70	3	009359138

## 937K



mm	€		
6x6	9,30	5	009379006
7x7	9,70	5	009379007
8x8	10,10	5	009379008
9x9	10,70	5	009379009
10x10	11,00	5	009379010
11x11	11,50	5	009379011
12x12	12,90	5	009379012
13x13	13,20	5	009379013
14x14	14,40	5	009379014
15x15	15,90	5	009379015
16x16	17,10	5	009379016
17x17	17,80	5	009379017
18x18	18,20	5	009379018
19x19	18,90	5	009379019
20x20	21,20	5	009379020
21x21	23,20	3	009379021
22x22	24,40	3	009379022

## 943BXX



mm	€	5	009439005
5,5	18,20	5	009439005
6	18,20	5	009439006
7	19,40	5	009439007
8	19,40	5	009439008
10	21,00	3	009439010
13	22,40	3	009439013

## 951K



mm	€	5	009519521
2	20,10	5	009519521
2,5	20,10	5	009519525
3	20,10	5	009519530
3,5	20,70	5	009519535
4	20,70	5	009519540
4,5	22,70	5	009519545
5	22,70	5	009519550
6	26,00	5	009519560
8	28,00	5	009519580
10	35,50	5	009519610

## 1032K



L mm	€	5	010329013
140x0,9	26,50	5	010329013
140x1,3	26,00	5	010329014
180	28,00	5	010329017

## 1033K



L mm	€	5	010339013
140x0,9	30,00	5	010339013
140x1,3	29,00	5	010339014
180	30,50	5	010339017

## 1034K



L mm	€	5	010349013
130x0,9	30,00	5	010349013
130x1,3	29,00	5	010349014
170	30,50	5	010349017

## 1036K



L mm	€	5	010369013
140x0,9	28,50	5	010369013
140x1,3	28,00	5	010369014
175	29,00	5	010369017

## 1037K



L mm	€	5	010379013
140x0,9	32,00	5	010379013
140x1,3	30,50	5	010379014
175	32,00	5	010379017

## 1038K



L mm	€	5	010389013
135x0,9	32,00	5	010389013
135x1,3	30,50	5	010389014
175	32,00	5	010389017

## 1044K



L mm	€	5	010449250
250	35,00	5	010449250

## 1044FK



L mm	€	5	010449015
250	27,00	5	010449015



## 1048NK



L mm	€	5	010489910
175	29,00	3	010489910
250	30,50	5	010489915

## 1048VVK



L mm	€	5	010489111
175	28,50	3	010489111
250	32,50	5	010489116

## 1052K



L mm	€	5	010529014
140	28,50	3	010529014
190	32,00	3	010529019
240	35,00	3	010529024

## 1082K



L mm	€	5	010829004
140	27,50	5	010829004
160	28,50	5	010829006

## 1082GK



L mm	€	5	010829064
140	23,70	5	010829064
160	24,90	5	010829066





## 1082BMK



L mm	€	🔧	📄
140	34,50	3	010829034
160	37,50	3	010829036

## 1082GBMK



L mm	€	🔧	📄
140	30,00	3	010829264
160	34,00	3	010829266

## 1084K



L mm	€	🔧	📄
160	32,00	3	010849006

## 1084GK



L mm	€	🔧	📄
160	28,00	5	010849066

## 1084BMK



L mm	€	🔧	📄
160	39,00	3	010849036

## 1084GBMK



L mm	€	🔧	📄
160	43,00	3	010849266

## 1088K



L mm	€	🔧	📄
160	39,50	2	010889006

## 1088BMK



L mm	€	🔧	📄
160	48,50	2	010889036

## 1096K



L mm	€	🔧	📄
200	24,70	5	010969020

## 1098K



L mm	€	🔧	📄
190	21,20	5	010989190
220	24,00	5	010989220

## 1098PLK



L mm	€	🔧	📄
220	26,50	5	010989320

## 1112K



L mm	€	🔧	📄
200	28,00	2	011129020

## 1122K



L mm	€	🔧	📄
250	38,00	2	011229020

## 1123K



L mm	€	🔧	📄
250	38,00	2	011239020

## 1124K



L mm	€	🔧	📄
250	38,00	2	011249020

## 1128BAX



L mm	€	🔧	📄
150	35,50	5	011280088

## 1128BMX



L mm	€	🔧	📄
147	18,90	5	011280051

### 1128BSX



L mm	€	Hand	Code
148	32,50	5	011280061

### 1128FX



L mm	€	Hand	Code
145	34,50	5	011280090

### 1128FXS



L mm	€	Hand	Code
145	41,00	5	011280095

### 1129BMK



L mm	€	Hand	Code
145	18,40	5	011299000

### 1130BMX



L mm	€	Hand	Code
185	21,20	1	011300002

### 1132K



L	€	Hand	Code
170	53,50	2	011329107

### 1132BMK



L	€	Hand	Code
170	66,00	2	011329137

### 1142BMK



L mm	€	Hand	Code
160	43,50	3	011429036

### 1144T



L mm	€	Hand	Code
112	22,20	1	011440060

### 1149F



L mm	€	Hand	Code
175	18,30	1	011490010

### 1150K



L mm	€	Hand	Code
160	24,30	5	011509046
180	26,50	5	011509048
200	28,50	5	011509050
220	31,50	2	011509052

### 1150GK



L mm	€	Hand	Code
160	22,80	5	011509066
180	24,80	5	011509068
200	27,50	5	011509070
220	28,50	2	011509072

### 1150BMK



L mm	€	Hand	Code
160	30,00	3	011509146
180	33,00	3	011509148
200	36,50	3	011509150
220	39,00	2	011509152

### 1150GBMK



L mm	€	Hand	Code
160	28,00	3	011509266
180	30,00	3	011509268
200	34,50	3	011509270
220	36,50	2	011509272

### 1162K



L mm	€	Hand	Code
160	28,50	5	011629006
200	33,00	5	011629010

### 1162GK



L mm	€	Hand	Code
160	24,30	5	011629066
200	28,00	5	011629070

### 1162BMK



L mm	€	Hand	Code
160	35,00	3	011629036
200	39,00	3	011629040

## 1162GBMK



L mm	€	U	PC
160	30,00	3	011629266
200	35,50	3	011629270

## 1164K



L mm	€	U	PC
160	31,00	5	011649006
200	35,00	5	011649010

## 1164BMK



L mm	€	U	PC
160	38,00	3	011649036
200	43,00	3	011649040

## 1166K



L mm	€	U	PC
160	28,50	5	011669006
200	33,00	5	011669010

## 1166GK



L mm	€	U	PC
160	24,30	5	011669066
200	28,00	5	011669070

## 1166BMK



L mm	€	U	PC
160	35,00	3	011669036
200	39,00	3	011669040

## 1166GBMK



L mm	€	U	PC
160	30,00	3	011669266
200	35,50	3	011669270

## 1168K



L mm	€	U	PC
160	31,00	5	011689006
200	35,00	5	011689010

## 1168GK



L mm	€	U	PC
160	26,50	5	011689066
200	30,00	5	011689070

## 1168BMK



L mm	€	U	PC
160	38,00	3	011689036
200	43,00	3	011689040

## 1168GBMK



L mm	€	U	PC
160	34,00	3	011689266
200	38,00	3	011689270



## 1201E/K



SxAxL mm	€	U	PC
0,4x2,5x50	4,50	5	012019203
0,4x2,5x75	4,70	5	012019206
0,5x3x75	4,75	5	012019209
0,5x3x100	5,10	5	012019212
0,6x3,5x75	5,10	5	012019218
0,6x3,5x100	5,25	5	012019221
0,8x4x100	5,30	5	012019230
0,8x4x125	5,55	5	012019233
0,8x4x150	6,00	5	012019236
1,0x5,5x100	6,50	5	012019239
1,0x5,5x125	6,85	5	012019240
1,0x5,5x150	6,95	5	012019242
1,2x6,5x100	7,75	5	012019248
1,2x6,5x125	8,00	5	012019250
1,2x6,5x150	8,15	5	012019251
1,2x8x150	10,50	3	012019257
1,2x8x200	11,10	3	012019260
1,6x10x200	12,90	3	012019266

## 1201EN/K



SxAxL mm	€	U	PC
0,8x4x30	6,45	3	012019303
1,2x6,5x30	6,70	3	012019306

## 1202E/K



PHxDxL mm	€	U	PC
0x3x60	4,70	5	012029203
0x3x100	5,25	5	012029206
1x4,5x80	5,95	5	012029209
1x4,5x120	6,65	5	012029212
2x6x100	8,00	5	012029218
2x6x150	8,60	5	012029221
3x8x150	10,80	3	012029224
4x9,5x200	14,10	3	012029227

## 1202EN/K



PHxDxL mm	€	U	PC
1x4,5x30	6,45	3	012029303
2x6x30	6,70	3	012029306

## 1204E/K



SxDxL mm	€	U	PC
0,4x2,5x60	4,65	5	012049103
0,6x3x75	4,75	5	012049106
0,5x3x100	4,85	5	012049109
0,8x4x100	5,45	5	012049112
0,8x4x125	5,65	5	012049115
1,0x5x125	6,55	5	012049118
1,0x5x150	7,10	5	012049121
1,2x6,5x150	7,75	5	012049124



## 1207E TX/K



	€	🔧	📦
T5	6,85	5	012079105
T6	7,25	5	012079106
T7	7,40	5	012079107
T8	7,55	5	012079108
T9	7,90	5	012079109
T10	8,90	5	012079110
T15	9,05	5	012079115
T20	9,20	5	012079120
T25	9,45	5	012079125
T27	10,10	5	012079127
T30	10,20	5	012079130
T40	11,80	2	012079140
T45	13,00	2	012079145

## 1208E RTX/K



	€	🔧	📦
T9	8,00	5	012089109
T10	8,90	5	012089110
T15	9,45	5	012089115
T20	9,60	5	012089120
T25	9,85	5	012089125
T27	10,70	5	012089127
T30	11,00	5	012089130
T40	13,10	2	012089140

## 1209E PZ/K



PZ	€	🔧	📦
0	5,45	5	012099200
1	6,95	5	012099203
2	8,90	5	012099206
3	13,40	3	012099209
4	14,60	3	012099212

## 1209EN-PZ/K



	€	🔧	📦
1	6,45	3	012099303
2	6,70	3	012099306

## 1253



SxAxL mm	€	🔧	📦
0,5x3,5x100	10,10	5	012530001

## 1254



SxAxL mm	€	🔧	📦
0,5x3x44	11,10	5	012540001

## 1260K



SxAxL	€	🔧	📦
0,4x2,5x50	6,15	5	012609003
0,4x2,5x75	6,45	5	012609006
0,5x3x75	6,50	5	012609009
0,5x3x100	6,70	5	012609012
0,6x3,5x75	6,95	5	012609018
0,6x3,5x100	7,05	5	012609021
0,8x4x100	7,70	5	012609030
0,8x4x125	8,00	5	012609033
0,8x4x150	8,35	5	012609036
1x5,5x100	8,80	5	012609039
1x5,5x150	9,80	5	012609042
1,5x6,5x100	10,60	5	012609048
1,2x6,5x150	11,20	5	012609051
1,2x8x150	13,70	3	012609057
1,2x8x200	14,10	3	012609060
1,6x10x200	17,10	3	012609066

## 1260NK



SxAxL mm	€	🔧	📦
0,8x4x30	8,10	5	012609103
1,2x6,5x30	9,00	5	012609106

## 1260EK



SxAxL mm	€	🔧	📦
1,2x6,5x150	14,50	3	012609156
1,2x8x175	17,80	3	012609157
1,6x10x200	20,40	2	012609159
2x12x250	23,70	2	012609162

## 1262K



PHxDxL mm	€	🔧	📦
0x3x60	6,50	5	012629003
0x3x100	6,90	5	012629006
1x4,5x80	8,55	5	012629009
1x4,5x120	9,25	5	012629012
2x6x100	10,50	5	012629018
2x6x150	11,30	5	012629021
3x8x150	15,10	3	012629024
4x10x200	19,20	3	012629027

## 1262NK



PHxDxL	€	🔧	📦
1x4,5x30	8,10	5	012629103
2x6x30	9,00	5	012629106

## 1262EK



PHxDxL mm	€	🔧	📦
2x6x150	14,50	3	012629153
3x8x175	17,50	3	012629156
4x10x200	21,90	3	012629159

## 1264K



SxDxL mm	€	🔧	📦
0,5x2,5x60	6,15	5	012649003
0,6x3x75	6,50	5	012649006
0,6x3x100	6,70	5	012649009
0,8x4x100	7,70	5	012649012
0,8x4x125	8,00	5	012649015
1x5x125	9,00	5	012649018
1x5x150	9,45	5	012649021
1,2x6,5x150	11,20	5	012649024

## 1267TXK



Ø	€	🔧	📦
T5	9,10	5	012679005
T6	9,45	5	012679006
T7	9,80	5	012679007
T8	10,30	5	012679008
T9	10,70	5	012679009
T10	10,90	5	012679010
T15	11,50	5	012679015
T20	12,10	5	012679020
T25	13,20	5	012679025
T27	13,70	5	012679027
T30	14,40	5	012679030
T40	16,70	2	012679040
T45	18,30	2	012679045

## 1268RTXK



⊕	€	🔧	📦
T9	11,40	3	012689009
T10	11,80	3	012689010
T15	12,10	3	012689015
T20	13,20	3	012689020
T25	13,50	3	012689025
T27	14,40	3	012689027
T30	14,60	3	012689030
T40	16,90	2	012689040

## 1269PZK



PZ	€	🔧	📦
0	7,40	5	012699000
1	9,60	5	012699001
2	11,40	5	012699002
3	16,30	3	012699003
4	20,60	3	012699004

## 1269N/PZK



PZ	€	🔧	📦
1	8,10	5	012699011
2	9,00	5	012699012

## 1290K



SxAxL mm	€	🔧	📦
0,4x2,5x50	7,65	5	012909003
0,4x2,5x75	7,90	5	012909006
0,5x3x75	8,05	10	012909009
0,5x3x100	8,50	10	012909012
0,6x3,5x75	9,15	10	012909018
0,6x3,5x100	9,30	10	012909021
0,8x4x100	9,40	10	012909030
0,8x4x125	9,70	10	012909033
0,8x4x150	10,30	10	012909036
1x5,5x100	10,50	10	012909039
1x5,5x150	11,50	10	012909042
1,2x6,5x100	12,90	10	012909048
1,2x6,5x150	13,60	10	012909051
1,2x8x150	17,00	3	012909057
1,2x8x200	18,00	3	012909060
1,6x10x200	20,90	3	012909066

## 1290NK



SxAxL mm	€	🔧	📦
0,8x4x30	9,95	5	012909103
1,2x6,5x30	10,90	5	012909106

## 1290K/INOX



SxAxL mm	€	🔧	📦
0,4x2,5x50	10,00	4	012909403
0,5x3x75	10,30	4	012909409
0,8x4x100	10,70	4	012909430
1,0x5,5x150	13,30	4	012909442
1,2x6,5x150	15,20	4	012909451

## 1292K



PHxDxL mm	€	🔧	📦
0x3x60	7,30	10	012929003
0x3x100	8,35	5	012929006
1x4,5x80	10,10	10	012929009
1x4,5x120	11,00	10	012929012
2x6x100	13,10	10	012929018
2x6x150	14,00	10	012929021
3x8x150	17,80	3	012929024
4x10x200	24,30	3	012929027

## 1292NK



PHxDxL mm	€	🔧	📦
1x4,5x30	9,50	5	012929103
2x6x30	10,40	5	012929106

## 1292K/INOX



PHxDxL mm	€	🔧	📦
0x3x60	9,35	4	012929403
1x4,5x80	10,90	4	012929409
2x6x100	13,30	4	012929418

## 1294K



SxDxL mm	€	🔧	📦
0,5x2,5x60	7,15	5	012949003
0,6x3x75	7,55	5	012949006
0,8x4x100	9,40	5	012949012
1x5x125	11,60	5	012949018

## 1298RTXK



⊕	€	🔧	📦
T9	15,40	5	012989009
T10	15,80	5	012989010
T15	16,80	5	012989015
T20	16,90	5	012989020
T25	17,20	5	012989025
T27	18,60	5	012989027
T30	19,30	5	012989030
T40	20,50	2	012989040

## 1299PZK



PZ	€	🔧	📦
0	10,50	5	012999000
1	12,10	5	012999003
2	16,50	5	012999006

## 1299N/PZK



PZ	€	🔧	📦
1	11,80	5	012999021
2	13,10	5	012999024

## 1472VW



L mm	€	🔧	📦
200	49,00	1	014720051

**Beta**  
Quality Tools

### 1473P



A Max mm	€		
53	38,00	1	014730020

### 1497BS



L mm	€		
230	24,40	1	014970190

### 1497SS



L mm	€		
245	22,20	1	014970195

### 1497RC



1497RC	€		
	79,00	1	014970351

### 1600Q 8



1600Q 8	€		
	30,50	1	016000008

### 1600Q 10



1600Q 8	€		
	30,50	1	016000008

### 1603K



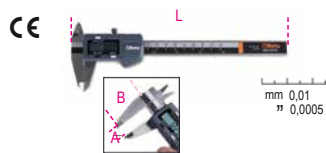
mm <sup>2</sup>	€		
0-8	17,20	5	016039001

### 1603BK



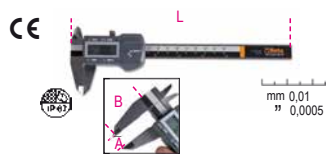
mm <sup>2</sup>	€		
0-8	64,00	2	016039010

### 1651DGTB



A Max mm	€		
150	109,00	1	016510211
200	142,00	1	016510212
300	185,50	1	016510213

### 1651DGTB/IP



A Max mm	€		
150	178,00	1	016510711

### 1691BM



L m	€		
5	16,70	1	016910205
8	25,00	1	016910208
10	30,50	1	016910210



### 1691MG



L m	€		
5	15,00	1	016910405
8	21,00	1	016910408
10	22,20	1	016910410

### 1692



L m	€		
2	8,10	5	016920052
3	10,10	5	016920053
5	14,40	5	016920055
8	20,80	5	016920058

### 1693



IP54



H mm	€		
100	128,00	1	016930020

### 1729CG



L mm	€		
310	24,70	2	017290200

### 1729DM 450



L mm	€		
450	28,00	4	017290450



### 1741U



Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741U € 48,50 1 017410450

### 1741B



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741B € 41,00 1 017410000

### 1760K



CE



CAT III-1000V

1760K € 38,50 1 017600140

### 1762K



Ø mm	€		
2-2,5-3	33,00	2	017629001
3,5-4-4,5			

### 1771



1771 € 9,95 10 017710000

### 1770BM



L mm	€		
140	13,40	10	017700050

### 1771BM



L mm	€		
170	21,70	10	017710050

### 1771HD



L mm	€		
190	24,40	5	017710100

### 1772R



L mm	€		
125	18,30	5	017720006

### 1773A



L mm	€		
180	19,30	10	017730000

### 1777BMT



L mm	€		
170	29,50	5	017770050

### 1777T



L mm	€		
160	27,50	5	017770030

### 1778MT



L mm	€		
180	105,00	1	017780055

### 1783



L mm	€		
215	16,10	5	017830021
240	18,00	5	017830024

### 1820



1820 30 30W	€		
L = 210mm	47,00	1	018200003

1820 60 60W	€		
L = 220mm	53,50	1	018200006

1820 80 80W	€		
L = 260mm	76,00	1	018200008



## 1822



230V  
Shuko  
L=1,25 m



1822 120 120W LxA = 250x125 mm	€ 116,00	1	018220012
1822 180 180W LxA = 250x125mm	€ 122,50	1	018220018
1822 320 320W LxA = 250x140mm	€ 152,50	1	018220032

## 1833S



L mm 150	€ 39,00	1	018330002
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## 1833M



L mm 162	€ 49,00	1	018330003
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## 1833L



L mm 196	€ 81,50	1	018330004
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## 1833XL



L mm 300	€ 102,00	1	018330005
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## 1833L/USB



L mm 240	€ 119,50	1	018330054
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## 1834RR



1834RR	€ 54,00	1	018340520
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## 1836AW



1836AW	€ 73,50	1	018360051
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## 1836B



1836B	€ 133,00	1	018360200
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## 1837F



L mm 460	€ 88,00	1	018370050
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## 1837F/USB



L mm 460	€ 130,50	1	018370060
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## 1838COB



1838COB	€ 95,50	1	018380010
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## 1838P



1838P	€ 82,00	1	018380005
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## 1838POCKET



L mm 98 € 69,50 1 018380080

## 1838SLIM



L mm 307 € 74,50 1 018380221

## 1838SW



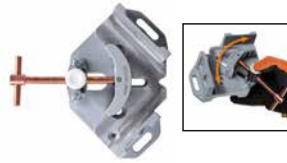
L mm 260 € 99,00 1 018380142

## 1839BRW



L mm 101 € 93,50 1 018390002

## 1860M



L max mm 30 € 89,00 1 018600301

## 1875SP/K3



1875SP/K3 € 19,10 1 018750010

## 1949F2



g 125 € 17,60 1 019490028

## 6888B1/4

blister support for 1/4" sockets



6888B1/4 € 0,69 50 068880900

## 6888B3/8

blister support for 3/8" sockets



6888B3/8 € 0,82 50 068880910

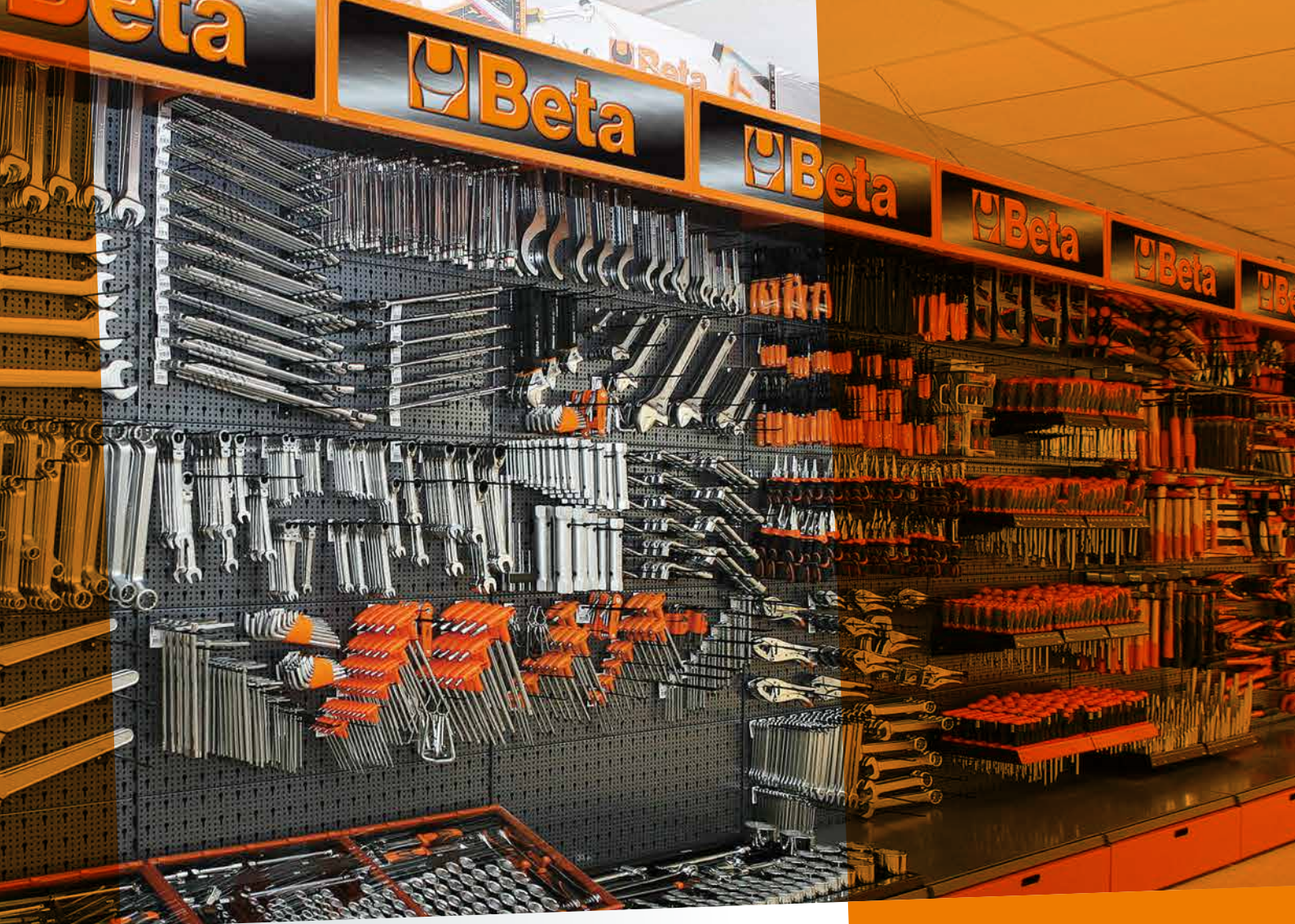
## 6888B1/2

blister support for 1/2" sockets



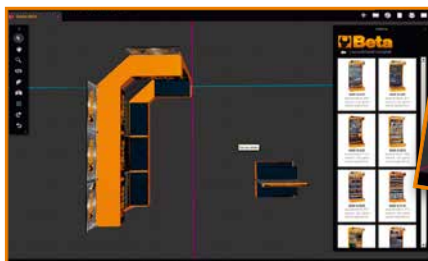
6888B1/2 € 0,82 50 068880920





DISPLAY  
**UNITS**  
FOR SALES POINTS

  
**SHOP**  
*in Shop*

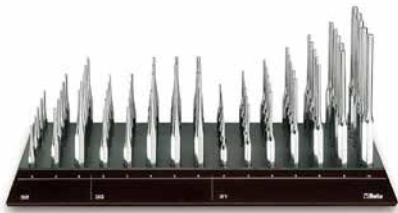


**BUILD your Beta corner**  
[www.beta-tools.com/planner3d/](http://www.beta-tools.com/planner3d/)



## 38/DS1

wall-mounted display  
with 75 punches



495x260x332 mm

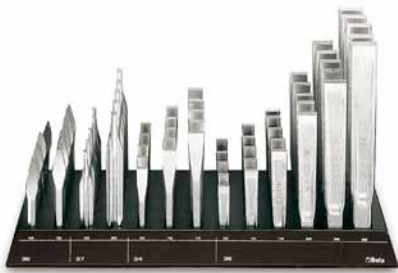
display  
with assortment  
**38/DS1** € 739,00 1 000380701

	n.
<b>30</b> Ø 2 - 3 - 4 - 5 - 6 mm	5
<b>31</b> Ø 2 - 3 - 4 - 5 - 6 - 8 - 10 mm	5
<b>32</b> Ø 3 - 4 - 5 mm	5

empty  
display  
**38/DVS1** € 116,00 1 000380751

## 38/DS2

wall-mounted display  
with 65 chisels



495x260x332 mm

display  
with assortment  
**38/DS2** € 1.395,00 1 000380702

	n.
<b>34</b> 125 - 150 - 175 mm	5
<b>35</b> 100 - 125 - 150 - 200 - 250 - 300 mm	5
<b>36</b> 125 - 150 mm	5
<b>37</b> 150 - 200 mm	5

empty  
display  
**38/DVS2** € 116,00 1 000380752

## 942BX/DG

wall-mounted display  
with 43 hi-torque hexagon nut spinners,  
short series



330x260x332 mm

display  
with assortment  
**942BX/DG** € 753,00 1 009420701

	n.
○ <b>942BX</b> 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty  
display  
**942BX/DVG** € 102,50 1 009420751

## 943BX/DG

wall-mounted display  
with 43 hi-torque hexagon nut spinners,  
long series



330x260x332 mm

display  
with assortment  
**943BX/DG** € 809,00 1 009430701

	n.
○ <b>943BX</b> 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty  
display  
**943BX/DVG** € 102,50 1 009430751

## 944BX/DG

wall-mounted display with 43 deep hi-torque  
hexagon nut spinners with handles, long  
series



330x260x332 mm

display  
with assortment  
**944BX/DG** € 936,00 1 009440701

	n.
○ <b>944BX</b> 5 - 5,5 mm	3
6 - 7 mm	6
8 - 9 - 10 mm	5
11 mm	2
12 mm	3
13 mm	5

empty  
display  
**944BX/DVG** € 102,50 1 009440751

## 943MQ/BG

wall-mounted display  
with 30 hexagon nut spinners



△ 1000 V ⊕

330x260x332 mm

display  
with assortment  
**943MQ/BG** € 651,00 1 009430281

	n.
○ <b>943MQ</b> 5,5 - 6 - 7 - 8 - 10 - 13 mm	5

empty  
display  
**943BG-MQ/DV** € 102,50 1 009430285

## 1203/E1P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment  
**1203E/E1P** € 491,00 1 012031301

● 1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100 0,8x4x100 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	5
⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH2x6x100 mm	6
	PH3x8x150 mm	5

empty display  
**1203E/EV1P** € 128,00 1 012031351

## 1203/E4P

wall-mounted display with 85 screwdrivers



495x260x310 mm

display with assortment  
**1203E/E4P** € 472,00 1 012031304

● 1201	0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
**1203E/EV4P** € 128,00 1 012031354

## 1203/E5P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment  
**1203E/E5P** € 500,00 1 012031305

⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH1x4,5x120	6
	PH2x6x100 - PH2x6x150 mm	5
	PH3x8x150 mm	5
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
**1203E/EV5P** € 128,00 1 012031355

## 1203/E10P

wall-mounted display with 80 screwdrivers



495x260x310 mm

display with assortment  
**1203E/E10P** € 671,00 1 012031310

⊕ 1207TX	T6	4
	T7	3
	T8	7
	T9 - T10 - T15 - T20 - T25	6
	T27 - T30	3
⊕ 1208RTX	T9 - T10	3
	T15 - T20 - T25	6
	T27 - T30	3

empty display  
**1203E/EV10P** € 128,00 1 012031360

## 1263/E78

wall-mounted display with 78 screwdrivers



495x260x310 mm

display with assortment  
**1263/E78** € 643,00 1 012630510

● 1260	2,5x75-3x75-3,5x100 mm	7
	4x100-4x125-5,5x100-5,5x150-6,5x150 mm	6
	8x150 mm	4
⊕ 1262	PH0x60 mm	7
	PH1x80-PH2x100 mm	6
	PH3x150	4

empty display  
**1263/EV78** € 118,00 1 012630511

## 1263/E74

wall-mounted display with 74 screwdrivers



495x260x310 mm

display with assortment  
**1263/E74** € 600,00 1 012630540

● 1264	2,5x60 mm	7
	3x75 mm	3
	3x100 - 4x100 mm	4
	4x125 - 5x150 mm	2
	5x125 - 6,5x150 mm	4
⊕ 1262	PH 8x150	3
	PH 3x60 - 3x100 mm	7
	PH 4,5x80 - 4,5x120 mm	6
	PH 6x100 mm	10
	PH 6x150 mm	5

empty display  
**1263/EV74** € 118,00 1 012630541



## 1263/E85

wall-mounted display  
with 85 screwdrivers



495x260x377 mm

display  
with assortment  
**1263/E85** € 715,00 1 012630550

		n.
● 1260	2,5x50 mm	7
	2,5x75 mm	6
	3x75 - 3x100 - 3,5x100 mm	7
	4x100 - 4x125 - 5,5x125	6
	5,5x150 - 6,5x150 mm	6
● 1260E	8x150 mm	4
	10x200 mm	3
	12x250 mm	2
	4x30 - 6,5x30 mm	6

empty  
display  
**1263/EV85** € 118,00 1 012630551

## 1263/E50

wall-mounted display  
with 50 screwdrivers



330x260x269 mm

display  
with assortment  
**1263/E50** € 369,00 1 012630570

		n.
● 1264	2,5x60 - 3x75 - 3x100 mm	7
	4x100 - 4x125 - 5x125 - 5x150 mm	6
	6,5x150 mm	5

empty  
display  
**1263/EV50** € 102,50 1 012630571

## 1263/E39

wall-mounted display  
with 39 screwdrivers



330x260x257 mm

display  
with assortment  
**1263/E39** € 481,00 1 012630595

		n.
⊕ 1268RTX	T9x60 - T10x80 - T15x80	6
	T20x100 - T25x100 mm	4
	T27x115 mm	3
	T30x115 mm	2
	T40x130 mm	2

empty  
display  
**1263/EV39** € 102,50 1 012630596

## 1263/E70

wall-mounted display  
with 70 screwdrivers



495x260x327 mm

display  
with assortment  
**1263/E70** € 704,00 1 012630560

		n.
⊕ 1262	PH0x60 - PH0x100 mm	7
	PH1x80 - PH1x120 mm	6
	PH2x100 mm	9
	PH2x150 - PH3x150 mm	5
	PH4x200 mm	4
⊕ 1262E	PH2x150 mm	5
	PH3x175 mm	4
⊕ 1262N	PH1x30 - PH2x30 mm	6

empty  
display  
**1263/EV70** € 118,00 1 012630561

## 1263/E62

wall-mounted display  
with 62 screwdrivers



495x260x257 mm

display  
with assortment  
**1263/E62** € 680,00 1 012630590

		n.
⊕ 1267TX	T5	5
	T6	6
	T7	5
	T8	6
	T9	5
	T10 - T15 - T20	6
	T25	5
	T27 - T30	4
	T40 - T45	2

empty  
display  
**1263/EV62** € 118,00 1 012630591

## 1263/E40

wall-mounted display  
with 40 screwdrivers



330x260x327 mm

display  
with assortment  
**1263/E40** € 428,00 1 012630580

		n.
⊕ 1269	PZ0x60 mm	7
	PZ1x80 mm	6
	PZ2x100 - PZ3x150 - PZ4x200 mm	5
⊕ 1269N	PZ1x30 - PZ2x30 mm	6

empty  
display  
**1263/EV40** € 102,50 1 012630581

## 1273MQ/E1

wall-mounted display with 40 screwdrivers



1000 V

330x260x332 mm

display with assortment  
1273MQ/E1 € 546,00 1 012730312

Code	Specifications	n.
1272MQ	PH0x60 - PH1x80 mm	5
	PH2x100 mm	3
	PH3x150 mm	2
1274MQ	3x100 - 4x100 - 5,5x125 - 6,5x150 mm	5
	8x175 mm	3
	10x200 mm	2

empty display  
1273BG-MQ/DV € 102,50 1 012730651

## 1273MQ/E4

wall-mounted display with 43 screwdrivers



1000 V

330x260x332 mm

display with assortment  
1273MQ/E4 € 741,00 1 012730315

Code	Specifications	n.
1272MQF	4,5x80 - 6x100 mm	3
1274MQF	3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm	3
1275MQ/C	4,5x80 - 6x100 mm	5
1276MQ/C	4,5x80 - 6x100 mm	5
1279MQ/F	4,5x80 mm	3
	6x100 mm	2

empty display  
1273BG-MQ/DV4 € 102,50 1 012730655

## 1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display with assortment  
1293BX/DA € 935,00 1 012930701

Code	Specifications	n.
1290	3x75 - 3,5x100 - 4x100 - 4x125 5,5x100 - 5,5x150 mm	7
	6,5x150 mm	6
	8x150 mm	3
	10x200 mm	2
1290N	4x30 - 6,5x30 mm	3
1292	PH0x60 - PH1x80 mm	7
	PH2x100 mm	6
	PH3x150 mm	5
1292N	PH1x30 - PH2x30 mm	3

empty display  
1293BX/DVA € 118,50 1 012930751

## 1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display with assortment  
1293BX/DD € 442,00 1 012930704

Code	Specifications	n.
1294	2,5x60 - 3x75 - 3x100 - 4x100 4x150 - 5x125 mm	7
	6,5x150 mm	6

empty display  
1293BX/DVD € 103,50 1 012930754

## 1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display with assortment  
1293BX/DE € 658,00 1 012930705

Code	Specifications	n.
1299PZ	PZ0x60 - PZ1x80 mm	7
	PZ2x100 mm	6
	PZ3x150 - PZ4x200 mm	5
1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty display  
1293BX/DVE € 103,50 1 012930755

## 1293BX/DF

wall-mounted display with 59 screwdrivers



330x260x332 mm

display with assortment  
1293BX/DF € 872,00 1 012930706

Code	Specifications	n.
1297TX	T6 - T8 - T10 - T15 - T20 - T25 T27 - T30	7
	T40	6
		5

empty display  
1293BX/DVF € 103,50 1 012930756

## C68

Beta wall display, empty



1000x560x2200 mm

		€		
C68/1	1 m	2.205,00	1	068000001
C68/2	2 m	3.840,00	1	068000002
C68/3	3 m	5.470,00	1	068000003
C68/4	4 m	7.110,00	1	068000004
C68/5	5 m	8.740,00	1	068000005
C68/6	6 m	10.380,00	1	068000006
C68/7	7 m	12.010,00	1	068000007
C68/8	8 m	13.650,00	1	068000008
C68/9	9 m	15.280,00	1	068000009
C68/10	10 m	16.920,00	1	068000010

## C68N

Beta wall display, empty



1000x560x2200 mm

		€		
C68N/1	1 m	1.900,00	1	068000031
C68N/2	2 m	3.530,00	1	068000032
C68N/3	3 m	5.170,00	1	068000033
C68N/4	4 m	6.800,00	1	068000034
C68N/5	5 m	8.440,00	1	068000035
C68N/6	6 m	10.070,00	1	068000036
C68N/7	7 m	11.710,00	1	068000037
C68N/8	8 m	13.340,00	1	068000038
C68N/9	9 m	14.980,00	1	068000039
C68N/10	10 m	16.610,00	1	068000040

## C68 G

"gondola" display



1000x1120x1600 mm

		€		
C68G/1	1 m	2.005,00	1	068000051
C68G/2	2 m	3.690,00	1	068000052
C68G/3	3 m	5.380,00	1	068000053
C68G/4	4 m	7.070,00	1	068000054

## C88 R/1

Robur wall display, empty

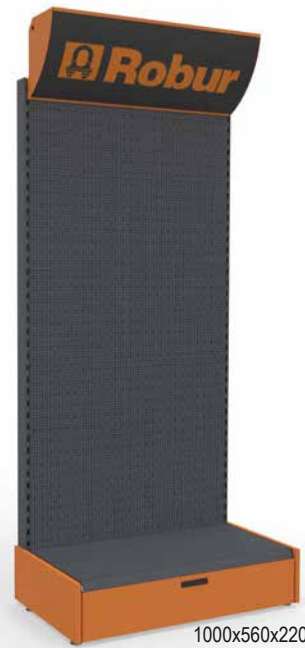


1000x560x2200 mm

		€		
C88R/1	1 m	2.140,00	1	088000001

## C88NR/1

Robur wall display, empty



1000x560x2200 mm

		€		
C88NR/1	1 m	1.835,00	1	088000031

## C88VE

display tray for display walls C88

suitable for housing coils of chains item 8120



		€		
C88VE		238,50	1	088000120

## C88SE

display tray for Genovese chain reels



		€		
C88SE		576,00	1	088000130

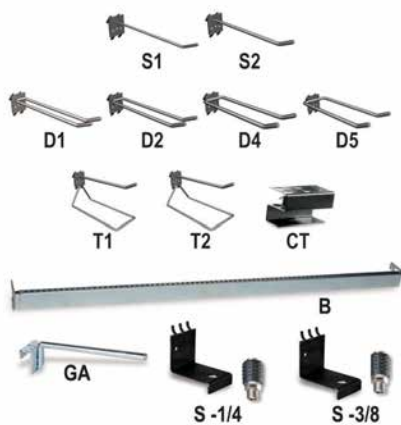
1700x600x600 mm





## 6888

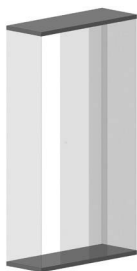
hooks for displays C60 - C61 - C68 - C88



	€	📦	📄
6888S1	4,55	10	068880011
6888S2	4,55	10	068880012
6888D1	7,15	5	068880021
6888D2	7,15	5	068880022
6888D4	7,35	5	068880024
6888D5	7,35	5	068880025
6888T1	10,10	5	068880031
6888T2	10,10	5	068880032
6888CT	19,10	1	068880044
6888B	57,50	1	068880100
6888GA	22,50	3	068880120
6888S-1/4	40,50	1	068880605
6888S-3/8	40,50	1	068880610

## 6800 VE

showcase for wall displays C68 and C68 R/1

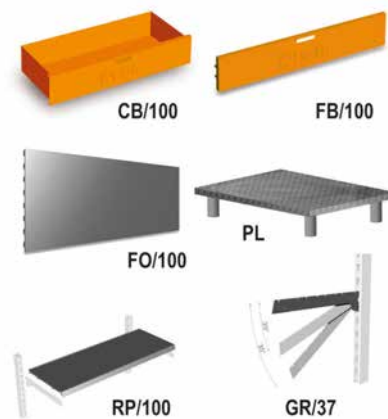


	€	📦	📄
6800VE/1 1 m	1.098,00	1	068000401
6800VE/2 2 m	1.675,00	1	068000402
6800VE/3 3 m	2.250,00	1	068000403
6800VE/4 4 m	2.830,00	1	068000404
6800VE/5 5 m	3.400,00	1	068000405

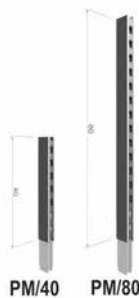
## ACCESSORIES



	€	📦	📄
6800AE	219,00	1	068000145
6800AI	453,00	1	068000140
6800AD/P	772,00	1	068000143



	€	📦	📄
6800CB/100	253,00	1	068000104
6800FB/100	89,00	1	068000109
6800FO/100	61,00	1	068000108
6800PL	257,00	1	068000137
6800RP/100	81,50	1	068000150
6800GR/37	34,50	1	068000159



	€	📦	📄
6800PM/40	81,50	1	068000171
6800PM/80	110,00	1	068000172

## 6600 M/14

assortment of 154 tools, with hooks without panel



	€	📦	📄
6600 M/14	2.435,00	1	066000014

## 6600 M/22

assortment of 108 tools, with hooks without panel



	€	📦	📄
6600 M/22	1.650,00	1	066000022

## 6600 M/27

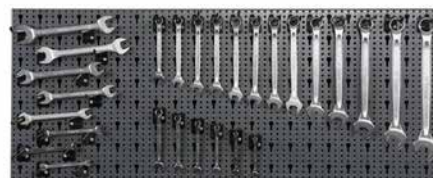
assortment of 25 tools, with hooks without panel



	€	📦	📄
6600 M/27	1.148,00	1	066000027

## 6600 M/29

assortment of 173 tools, with hooks without panel



	€	📦	📄
6600 M/29	2.150,00	1	066000029

## 6600 M/33

assortment of 37 tools, with hooks without panel



	€	📦	📄
6600 M/33	1.835,00	1	066000033



### 6600 M/40

assortment of 100 tools,  
with hooks without panel



6600 M/40 € 2.730,00 1 066000040

### 6600 M/42

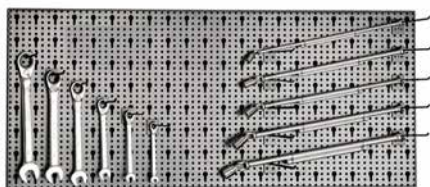
assortment of 65 tools,  
with hooks without panel



6600 M/42 € 1.760,00 1 066000042

### 6600 M/44

assortment of 48 tools,  
with hooks without panel



6600 M/44 € 1.525,00 1 066000044

### 6600 M/47

assortment of 65 tools,  
with hooks without panel



6600 M/47 € 1.635,00 1 066000047

### 6600 M/51

assortment of 257 tools  
with hooks without panel



6600 M/51 € 2.910,00 1 066000051

### 6600 M/52

assortment of 176 tools  
with hooks without panel



6600 M/52 € 1.900,00 1 066000052

### 6600 M/58

assortment of 150 tools  
with hooks without panel



6600 M/58 € 2.065,00 1 066000058

### 6600 M/59

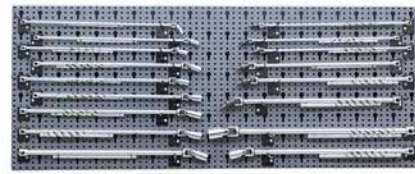
assortment of 220 tools,  
with hooks without panel



6600 M/59 € 2.200,00 1 066000059

### 6600 M/61

assortment of 71 tools,  
with hooks without panel



6600 M/61 € 2.630,00 1 066000061

### 6600 M/62

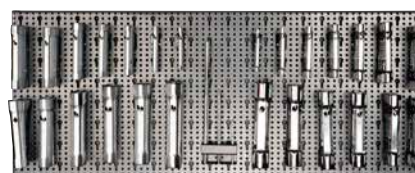
assortment of 28 tools,  
with hooks without panel



6600 M/62 € 618,00 1 066000062

### 6600 M/63

assortment of 110 tools  
with hooks without panel



6600 M/63 € 2.390,00 1 066000063

### 6600 M/73

assortment of 68 tools  
with hooks without panel



6600 M/73 € 1.560,00 1 066000073



### 6600 M/112

assortment of 329 tools,  
with hooks without panel



6600 M/112 € 2.570,00 1 066000112

### 6600 M/116

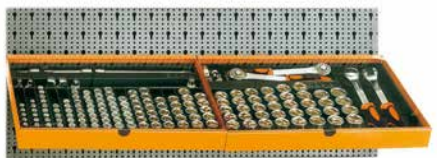
assortment of 306 tools,  
with hooks without panel



6600 M/116 € 2.405,00 1 066000116

### 6600 M/120

assortment of 163 tools,  
with hooks without panel



6600 M/120 € 1.740,00 1 066000120

### 6600 M/125

assortment of 133 tools,  
with hooks without panel



6600 M/125 € 1.500,00 1 066000125

### 6600 M/126

assortment of 58 tools,  
with hooks without panel



6600 M/126 € 925,00 1 066000126

### 6600 M/131

assortment of 92 tools,  
with hooks without panel



6600 M/131 € 2.870,00 1 066000131

### 6600 M/174

assortment of 13 tools, with hooks without  
panel



6600 M/174 € 4.430,00 1 066000174

### 6600 M/175

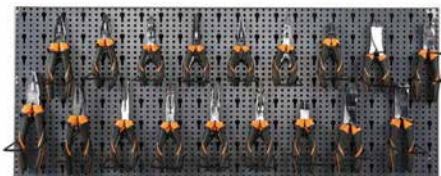
assortment of 12 tools,  
with hooks without panel



6600 M/175 € 3.150,00 1 066000175

### 6600 M/217

assortment of 74 tools,  
with hooks without panel



6600 M/217 € 2.800,00 1 066000217

### 6600 M/218

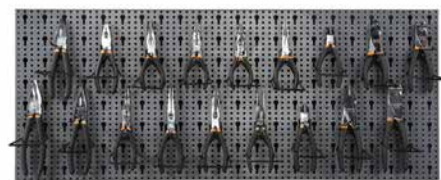
assortment of 58 tools,  
with hooks without panel



6600 M/218 € 1.475,00 1 066000218

### 6600 M/222

assortment of 74 tools,  
with hooks without panel



6600 M/222 € 2.270,00 1 066000222

### 6600 M/223

assortment of 58 tools,  
with hooks without panel



6600 M/223 € 1.930,00 1 066000223

INDUSTRIAL  
FINISHING



### 6600 M/230

assortment of 78 tools,  
with hooks without panel



6600 M/230 € 2.485,00 1 066000230

### 6600 M/236

assortment of 31 tools,  
with hooks without panel



6600 M/236 € 1.400,00 1 066000236

### 6600 M/241

assortment of 43 tools,  
with hooks without panel



6600 M/241 € 1.205,00 1 066000241

### 6600 M/242

assortment of 91 tools,  
with hooks without panel



6600 M/242 € 2.870,00 1 066000242

### 6600 M/253

assortment of 60 tools,  
with hooks without panel



6600 M/253 € 2.005,00 1 066000253

### 6600 M/311

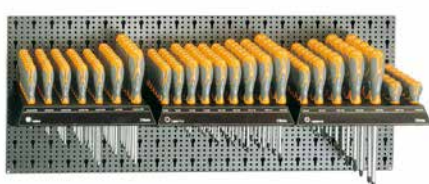
assortment of 114 tools,  
with hooks without panel



6600 M/311 € 1.197,00 1 066000311

### 6600 M/315

assortment of 149 tools,  
with hooks without panel



6600 M/315 € 1.970,00 1 066000315

### 6600 M/320

assortment of 98 tools,  
with hooks without panel



6600 M/320 € 1.785,00 1 066000320

### 6600 M/326

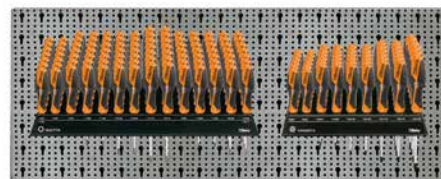
assortment of 155 tools,  
with hooks without panel



6600 M/326 € 1.420,00 1 066000326

### 6600 M/327

assortment of 101 tools,  
with hooks without panel



6600 M/327 € 1.161,00 1 066000327

### 6600 M/330

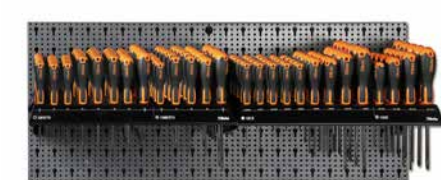
assortment of 110 tools,  
with hooks without panel



6600 M/330 € 954,00 1 066000330

### 6600 M/371

assortment of 162 tools,  
with hooks without panel



6600 M/371 € 1.162,00 1 066000371

## 6600 M/380

assortment of 71 tools,  
with hooks without panel



6600 M/380 € 740,00 1 066000380

## 6600 M/406

assortment of 107 tools,  
with hooks without panel



6600 M/406 € 1.245,00 1 066000406

## 6600 M/417

assortment of 43 tools,  
with hooks without panel



6600 M/417 € 1.074,00 1 066000417

## 6600 M/423

assortment of 30 tools, with hooks without  
panel



6600 M/423 € 1.069,00 1 066000423

## 6600 M/424

assortment of 36 tools, with hooks without  
panel



6600 M/424 € 1.135,00 1 066000424

## 6600 M/427

assortment of 24 tools,  
with hooks without panel



6600 M/427 € 1.159,00 1 066000427

## 6600 M/430

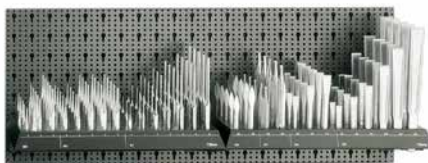
assortment of 29 tools,  
with hooks without panel



6600 M/430 € 1.130,00 1 066000430

## 6600 M/440

assortment of 140 tools,  
with hooks without panel



6600 M/440 € 2.135,00 1 066000440

## 6600 M/456

assortment of 41 tools,  
with hooks without panel



6600 M/456 € 1.660,00 1 066000456

## 6600 M/465

assortment of 36 tools, with hooks without  
panel



6600 M/465 € 1.970,00 1 066000465

## 6600 M/480

assortment of 18 tools,  
with hooks without panel



6600 M/480 € 1.245,00 1 066000480

## 6600 M/485

assortment of 12 tools,  
with hooks without panel



6600 M/485 € 896,00 1 066000485



### 6600 M/510

assortment of 16 tools,  
with hooks without panel



6600 M/510 € 1.225,00 1 066000510

### 6600 M/532

assortment of 24 tools  
with hooks without panel



6600 M/532 € 1.001,00 1 066000532

### 6600 M/534

assortment of 51 tools,  
with hooks without panel



6600 M/534 € 1.620,00 1 066000534

### 6600 M/542

assortment of 53 tools,  
with hooks without panel



6600 M/542 € 996,00 1 066000542

### 6600 M/548

assortment of 37 tools,  
with hooks without panel



6600 M/548 € 911,00 1 066000548

### 6600 M/561

assortment of 60 tools,  
with hooks without panel



6600 M/561 € 1.310,00 1 066000561

### 6600 M/583

assortment of 22 tools  
with hooks without panel



6600 M/583 € 916,00 1 066000583

### 6600 M/643

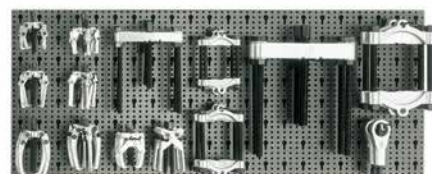
assortment of 90 tools,  
with hooks without panel



6600 M/643 € 2.205,00 1 066000643

### 6600 M/650

assortment of 28 tools,  
with hooks without panel



6600 M/650 € 2.680,00 1 066000650

### 6600 M/657

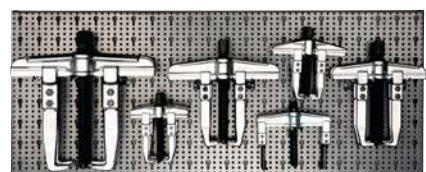
assortment of 17 tools,  
with hooks without panel



6600 M/657 € 2.170,00 1 066000657

### 6600 M/658

assortment of 14 tools  
with hooks without panel



6600 M/658 € 2.430,00 1 066000658





### 6600 M/716

assortment of 64 tools,  
with hooks without panel



6600 M/716 € 2.680,00 1 066000716

### 6600 M/813

assortment of 25 tools, with hooks without  
panel



6600 M/813 € 1.235,00 1 066000813

### 6600 M/842

assortment of 36 tools, with hooks without  
panel



6600 M/842 € 1.610,00 1 066000842

### 6600 M/852

assortment of 560 hard abrasive discs,  
with hooks without panel



6600 M/852 € 1.445,00 1 066000852

### 6600 M/856

assortment of 560 hard abrasive discs,  
with hooks without panel



6600 M/856 € 1.515,00 1 066000856

### 6600 M/857

assortment of 560 hard abrasive discs,  
with hooks without panel



6600 M/857 € 1.590,00 1 066000857

### 6600 M/871

assortment of 120 abrasives  
with hooks without panel



6600 M/871 € 656,00 1 066000871



### 6600 M/878

assortment of 100 abrasives  
with hooks without panel



6600 M/878 € 615,00 1 066000878

### 6600 M/881

assortment of 410 abrasives  
with display tray



6600 M/881 € 1.815,00 1 066000881



### 8600 R/11

assortment of 374 wire rope accessories, with  
hooks without panel



8600 R/11 € 1.675,00 1 086000011

### 8600 R/12

assortment of 259 wire rope accessories,  
with hooks without panel



8600 R/12 € 1.700,00 1 086000012

### 8600 R/13

assortment of 230 wire rope accessories,  
with hooks without panel



8600 R/13 € 1.415,00 1 086000013

### 8600 R/113

assortment of 1862 wire rope accessories,  
with hooks without panel



8600 R/113 € 1.920,00 1 086000113

### 8600 R/114

assortment of 1045 wire rope accessories,  
with hooks without panel



8600 R/114 € 1.950,00 1 086000114

### 8600 R/225

assortment of 64 GRADE 8 accessories,  
with hooks without panel



8600 R/225 € 1.340,00 1 086000225

### 8600 R/412

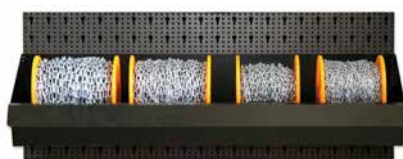
assortment of 348 STAINLESS STEEL wire  
rope accessories,  
with hooks without panel



8600 R/412 € 1.975,00 1 086000412

### 8600 R/511

assortment of 11 Genovese chain reels,  
with display tray



8600 R/511 € 1.605,00 1 086000511

### 8600 R/601

assortment of 50 tie down ratchets  
with grids, shelf and hooks,  
without panel



8600 R/601 € 1.270,00 1 086000601  
C88/R601 € 320,00 1 088000160

### 8600 R/611

assortment of 52 webslings  
with grids, without panel



8600 R/611 € 1.000,00 1 086000611  
C88/R611 € 188,00 1 088000161

# Beta





# SAFETY FOOTWEAR

## WARNINGS

Before use make, sure that the footwear meets your use requirements and has a proper protection class, according to type and workplace. The footwear manufactured by Beta Utensili complies with current EUROPEAN STANDARDS.

The employer shall ensure that suitable personal protective equipment is provided to the employees who may be exposed to a risk (characteristics and category of PPE).

## OBSOLESCENCE

Because of the numerous factors involved (humidity during storage and structural changes in materials in time), the exact storage life of the shoe cannot be determined. Generally speaking, footwear made entirely of polyurethane or with polyurethane outsoles has an expected maximum life of three years from the manufacturing date. Footwear made entirely of PVC has an expected life of five years from the manufacturing date; whereas footwear with leather uppers and footwear made from rubber, thermoplastic material and EVA has an expected maximum life of ten years from the manufacturing date. Such periods apply to new footwear, packed and stored under controlled conditions – that is, avoiding abrupt changes in temperature and relative humidity.

## EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2011 - EN ISO 20347:2012

### COMPLIANCE WITH EN ISO 20345:2011

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2011 is marked "S" (= Safety), with toe caps resistant to an impact of 200 Joules.

### COMPLIANCE WITH EN ISO 20347:2012

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2012 is marked "O" (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2011, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

## EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2022 - EN ISO 20347:2022

### COMPLIANCE WITH EN ISO 20345:2022

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2022 is marked "S" (= Safety), with toe caps resistant to an impact of 200 Joules.

### COMPLIANCE WITH EN ISO 20347:2022

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2022 is marked "O" (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2022, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

### Information for footwear with perforation resistant inserts

The perforation resistance of this shoe was tested in the lab, by using standardised nails and force. Nails smaller in diameter and higher static or dynamic loads are associated with a higher risk of perforation. Under such circumstances, additional preventive measures must be considered. PPE footwear is currently available with three different types of perforation resistant inserts. These may be either metallic or non-metallic inserts and must be chosen on the basis of the risks associated with the type of work. All of the three types of inserts provide protection against the risk of perforation; nevertheless, each has different advantages or disadvantages, including the following:

- **Metallic perforation resistant insert:** perforation resistance is less affected by the shape of the sharp object (e.g. diameter, geometry, pointed shape), but it does not cover the whole surface of the lower part of the shoe, due to limitations in the dimensions required for the production of footwear.
- **Non-metallic perforation resistant insert :** it is light, flexible and provides a large coverage area compared to a metallic one, but perforation resistance may vary to a larger extent, depending on the shape of the sharp object (e.g. diameter, geometry, pointed shape). Type PS provides greater protection against objects smaller in diameter than type PL.



# BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

## FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear:** All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

## BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2011				EN ISO 20347:2012				EN ISO 20345:2011		EN ISO 20347:2012		MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	OB	O1	O2	O3	S4	S5	O4	O5	
	Closed seat region	0	X	X	X	0	X	X	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	-	-	-	-	X	X	-	-	
<b>A</b>	Antistatic footwear	0	X	X	X	0	X	X	X	X	X	X	X	Electrical resistance >100 kΩ, ≤1000 MΩ
<b>E</b>	Energy absorption of seat region	0	X	X	X	0	X	X	X	X	X	X	X	> 20 Joules
<b>WRU</b>	Water penetration and resistance of upper	0	-	X	X	0	-	X	X	-	-	-	-	Penetration: <0.2 g x 60 min Absorption: < 30% x 60 min.
<b>P</b>	Penetration resistance of outsole	0	0	-	X	0	0	-	X	0	X	0	X	> 1100 N
<b>CI</b>	Cold insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. decrease of inner surface of sole: < 10° C
<b>HI</b>	Heat insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. increase of inner surface of sole: < 22° C
<b>HRO</b>	Heat resistance of outsole	0	0	0	0	0	0	0	0	0	0	0	0	Resistant up to 300°
<b>WR</b>	Water resistance	0	0	0	0	0	0	0	0	-	-	-	-	Absorption: < 3 cm <sup>2</sup>
<b>FO</b>	Resistance to hydrocarbons	0	X	X	X	0	0	0	0	X	X	0	0	Volume increase of sole sample < 12 %
<b>SRC</b>	Slip resistance of outsole	X	X	X	X	X	X	X	X					<b>SRA + SRB</b> requirement

<b>X</b>	<b>Mandatory</b> requirement for protection class
<b>O</b>	<b>Optional</b> requirement added to mandatory ones, if marked on marking
<b>-</b>	<b>Not mandatory</b> requirement, check footwear stamping

### Antistatic footwear:

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

### Insulating footwear:

Insulating footwear provide electrical protection against accidental contacts with voltages up to 1000 V, provided that usage conditions are such as not to modify or alter electrical resistance under the influence of humidity. It should be pointed out that electrical resistance only refers to the bottom, and not to the upper, of the footwear.

Electrical classes for footwear:

Class 00 500V CA or 750V CC

Class 0 1000V CA or 1500V CC

### Dissipative footwear for EPA environments:

Dissipative footwear, which is specially designed for EPA (ESDS) environments, allows electrostatic charges to be dissipated from the wearer's body in a continuous and controlled way, so as to protect electronic components and devices from electrostatic phenomena. The reference value of ground resistance according to CEI EN 61340-5-1: 2016, for wearer/footwear/floor, is <1 × 10<sup>9</sup> Ω.

# BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

## FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
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## BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS	EN ISO 20345:2022											EN ISO 20347:2022						MINIMUM REQUIRED VALUES
	SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S	OB	O1	O2	O3	O3L	O3S		
Class	I o II	I	I	I	I	I	I	I	I	I	I o II	I	I	I	I	I		
Closed seat region	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X		
Toe cap resistant to an impact of 200 Joules	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-		
Cleated outsole	0	0	0	X	X	X	0	X	X	X	0	0	0	X	X	X		
<b>P</b> Perforation resistance (metallic insert P) *	0	0	0	X	-	-	0	X	-	-	0	0	0	X	-	-	Perforation force ≥ 1100N	
<b>PL</b> Perforation resistance (non-metallic insert, test with nail, Ø 4.5 mm)	0	0	0	-	X	-	0	-	X	-	0	0	0	-	X	-		
<b>PS</b> Perforation resistance (non-metallic insert, test with nail, Ø 3.0 mm)	0	0	0	-	-	X	0	-	-	X	0	0	0	-	-	X		
<b>A</b> Antistatic footwear	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	Electrical resistance > 100 kΩ ≤ 1000 kΩ	
<b>HI</b> Heat insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature increase ≤ 22 °C when placed on a plate at a temperature of 150 °C for 30'	
<b>CI</b> Cold insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature decrease ≤ 10 °C in an environment at -17 °C for 30'	
<b>E</b> Energy absorption in heel area	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	> 20 Joules	
<b>WR</b> Water resistance	0	0	0	0	0	0	X	X	X	X	0	0	0	0	0	0	No water penetration	
<b>SC</b> Abrasion resistance of scuff cap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No hole throughout thickness after 8,000 cycles	
<b>SR</b> Slip resistance on ceramic floor with glycerin	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Test on ceramic floor with glycerin.	
<b>WPA</b> Water penetration and absorption	0	0	X	X	X	X	-	-	-	-	0	0	X	X	X	X	H2O absorption after 60' ≤ 30%	
<b>HRO</b> Resistance to hot contact	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Contact at 300 °C for 60" - Does not melt	
<b>FO</b> Resistance to hydrocarbons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Volume increase of sole sample < 12 %	
<b>LG</b> Ladder grip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Width of central outsole area > 35 mm	

<b>X</b>	<b>Mandatory</b> requirement for protection class
<b>O</b>	<b>Optional</b> requirement added to mandatory ones, if marked on marking
<b>-</b>	<b>Not mandatory</b> requirement, check footwear stamping

### Partially conductive footwear

Partially conductive footwear should be used if it is necessary to minimize electrostatic charges in the shortest possible time, e.g. when handling explosives.

Electrically conductive footwear should not be used if the risk of shock from any electrical apparatus or live parts with alternating or direct voltage has not been completely eliminated. In order to ensure that this footwear is partially conductive, it has been specified to have an upper limit of resistance of 100 kΩ in its new state

### Antistatic footwear

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

**NB** The certificates of the footwear certified in accordance with old standards will be effective until the expiration thereof.

**EN ISO 20345:2011 S1P SRC**

LINE	ITEM	REQUIREMENTS				RECOMMENDED SECTORS						📄
		ADDITIONAL REQUIREMENTS				AUTOMOTIVE	BUILDING	ELECTRICITY	INDUSTRY	SERVICE LOGISTICS	EATING & PLUMBING	
	7210BKK			X	X	X	X	X	X	X	X	596
	7216BKK			X	X	X	X	X	X	X	X	597
	7212G	ESD		X	X		X	X	X	X	X	593
	7212B	ESD										593
	7213G	ESD		X	X		X	X	X	X	X	593
	7212LG			X	X		X	X	X	X	X	593
	7222PEK			X	X	X	X	X	X	X	X	591
	7223PEK			X	X	X	X	X	X	X	X	592
	7224PEK			X	X	X	X	X	X	X	X	592
	7225PEK			X	X	X	X	X	X	X	X	592
	7241BK				X	X		X	X	X	X	588
	7243BK				X	X		X		X	X	588
	7246BK				X	X		X	X	X	X	590
	7247BK				X	X		X	X	X	X	590
	7246E					X		X	X	X	X	587
	7248GK					X		X	X	X	X	598
	7249GK	RS				X		X		X	X	598
	7314AF			X	X	X	X	X	X	X	X	599
	7316NB	ESD		X	X	X	X	X	X	X	X	600
	7316NG	ESD		X	X	X	X	X	X	X	X	600
	7317NA			X	X	X	X	X	X	X	X	600
	7340B				X			X	X	X	X	607
	7352A	HRO		X	X		X	X	X	X	X	602
	7352B	HRO		X	X		X	X	X	X	X	602
	7352G	HRO ESD	X	X	X		X	X	X	X	X	602
	7353Y	HRO			X		X	X	X	X	X	603
	7372B	HRO	X	X	X		X	X	X	X	X	606
	7376A	HRO	X	X	X		X	X	X	X	X	606
	7352LG	HRO		X	X		X	X	X	X	X	603

**EN ISO 20347:2012 O1 SRC**

LINE	ITEM	REQUIREMENTS	RECOMMENDED SECTORS	📄
	7362B	FO HRO	X X X X	605

**EN ISO 20347:2012 O2 SRC**

LINE	ITEM	REQUIREMENTS	RECOMMENDED SECTORS	📄
	7243FT	FO	X X	589
	7363N	FO HRO	X X X X	605

**EN ISO 20345:2011 S3 SRC**

LINE	ITEM	REQUIREMENTS				RECOMMENDED SECTORS						📄	
		ADDITIONAL REQUIREMENTS				AGRICULTURE	AUTOMOTIVE	BUILDING	INDUSTRY	ELECTRICITY	SERVICE LOGISTICS		OIL & GAS
	7200BKK			X	X	X	X	X	X	X	X	X	596
	7201BKK			X	X	X	X	X	X	X	X	X	596
	7310CRK	RS HRO			X	X	X	X			X		597
	7214FN			X	X		X	X	X	X	X	X	594
	7214G	ESD		X	X		X	X	X	X	X	X	594
	7215FN			X	X		X	X	X	X	X	X	595
	7218FN	RS		X	X		X	X	X	X	X	X	595
	7218G	RS ESD		X	X		X	X	X	X	X	X	595
	7214LN			X	X		X	X	X	X	X	X	594
	7220PEK			X	X	X	X	X	X	X	X	X	591
	7221PEK	RS		X	X	X	X	X	X	X	X	X	591
	7235BK				X	X	X		X	X	X	X	597
	7236BK	RS			X	X	X					X	598
	7238WR	RS HRO WR			X	X	X					X	598
	7239B				X	X	X					X	598
	7241EN				X	X	X		X	X	X	X	587
	7243EN	RS			X	X	X					X	587
	7241CK				X	X	X	X		X	X	X	588
	7243CK	RS			X	X	X	X				X	589
	7243CR	RS HRO			X	X	X	X			X	X	589
	7245BK	RS			X	X	X	X				X	589
	7293HM	HRO HI	X		X	X					X	X	608
	7293HN	HRO HI	X		X	X					X	X	608
	7294HM	HRO HI	X		X	X					X	X	609
	7294HMC	HRO HI CI WR	X		X	X					X	X	609
	7294HN	RS HRO HI	X		X	X					X	X	609
	7315AN			X	X	X	X	X	X	X	X	X	599
	7318AN			X	X	X	X	X	X	X	X	X	600
	7320NA			X	X	X	X	X	X	X	X	X	601
	7321NA	RS		X	X	X	X	X	X	X	X	X	601
	7322SA			X	X	X	X	X	X	X	X	X	601
	7323SA	RS		X	X	X	X	X	X	X	X	X	601
	7341N				X	X	X	X	X	X	X	X	607
	7349RP	HRO		X	X	X	X	X	X	X	X	X	607
	7350RP	HRO		X	X	X	X	X	X	X	X	X	608
	7354N	HRO		X	X	X	X	X	X	X	X	X	603
	7355V	HRO		X	X	X	X	X	X	X	X	X	603
	7356G	HRO		X	X	X	X	X	X	X	X	X	604
	7357G	HRO		X	X	X	X	X	X	X	X	X	604
	7356V	HRO		X	X	X	X	X	X	X	X	X	604
	7357V	HRO		X	X	X	X	X	X	X	X	X	605
	7356LN	HRO		X	X	X	X	X	X	X	X	X	604
	7381N	HRO WR	X	X	X	X	X	X	X	X	X	X	606
	7382N	HRO WR	X	X	X	X	X	X	X	X	X	X	606

**EN ISO 20345:2011 S5 SRC**

LINE	ITEM	REQUIREMENTS	RECOMMENDED SECTORS	📄
	7328A		X X X X X	590
	7328N		X X X X X	590



# EASY



## 7241EN

leather shoe, water-repellent

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO  
20345  
2011**



EU	UK	mm	€		
35	2,5	230	40,00	1	072410835
36	3,5	237	40,00	1	072410836
37	4,5	244	40,00	1	072410837
38	5	250	40,00	1	072410838
39	6	257	40,00	1	072410839
40	6,5	264	40,00	1	072410840
41	7	270	40,00	1	072410841
42	8	277	40,00	1	072410842
43	9	284	40,00	1	072410843
44	10	290	40,00	1	072410844
45	10,5	297	40,00	1	072410845
46	11	304	40,00	1	072410846
47	12	310	40,00	1	072410847
48	13	317	40,00	1	072410848



CE

S3 SRC

## 7243EN

leather ankle shoe, water-repellent,  
with quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO  
20345  
2011**



EU	UK	mm	€		
35	2,5	230	41,00	1	072430835
36	3,5	237	41,00	1	072430836
37	4,5	244	41,00	1	072430837
38	5	250	41,00	1	072430838
39	6	257	41,00	1	072430839
40	6,5	264	41,00	1	072430840
41	7	270	41,00	1	072430841
42	8	277	41,00	1	072430842
43	9	284	41,00	1	072430843
44	10	290	41,00	1	072430844
45	10,5	297	41,00	1	072430845
46	11	304	41,00	1	072430846
47	12	310	41,00	1	072430847
48	13	317	41,00	1	072430848



CE

S3 RS SRC

## 7246E

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

**EN ISO  
20345  
2011**



EU	UK	mm	€		
35	2,5	230	41,00	1	072460435
36	3,5	237	41,00	1	072460436
37	4,5	244	41,00	1	072460437
38	5	250	41,00	1	072460438
39	6	257	41,00	1	072460439
40	6,5	264	41,00	1	072460440
41	7	270	41,00	1	072460441
42	8	277	41,00	1	072460442
43	9	284	41,00	1	072460443
44	10	290	41,00	1	072460444
45	10,5	297	41,00	1	072460445
46	11	304	41,00	1	072460446
47	12	310	41,00	1	072460447
48	13	317	41,00	1	072460448



CE

S1P SRC

# BASIC



## 7241BK

leather shoe

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	48,00	1	072411235
36	3,5	235	48,00	1	072411236
37	4,5	242	48,00	1	072411237
38	5	248	48,00	1	072411238
39	6	255	48,00	1	072411239
40	6,5	262	48,00	1	072411240
41	7	268	48,00	1	072411241
42	8	275	48,00	1	072411242
43	9	282	48,00	1	072411243
44	10	288	48,00	1	072411244
45	10,5	295	48,00	1	072411245
46	11	302	48,00	1	072411246
47	12	308	48,00	1	072411247
48	13	315	48,00	1	072411248



CE

S1P SRC

**EN ISO  
20345  
2011**



## 7241CK

leather shoe, water-repellent

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	49,00	1	072411535
36	3,5	235	49,00	1	072411536
37	4,5	242	49,00	1	072411537
38	5	248	49,00	1	072411538
39	6	255	49,00	1	072411539
40	6,5	262	49,00	1	072411540
41	7	268	49,00	1	072411541
42	8	275	49,00	1	072411542
43	9	282	49,00	1	072411543
44	10	288	49,00	1	072411544
45	10,5	295	49,00	1	072411545
46	11	302	49,00	1	072411546
47	12	308	49,00	1	072411547
48	13	315	49,00	1	072411548



CE

S3 SRC

**EN ISO  
20345  
2011**



## 7243BK

leather ankle shoe

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	49,00	1	072431235
36	3,5	235	49,00	1	072431236
37	4,5	242	49,00	1	072431237
38	5	248	49,00	1	072431238
39	6	255	49,00	1	072431239
40	6,5	262	49,00	1	072431240
41	7	268	49,00	1	072431241
42	8	275	49,00	1	072431242
43	9	282	49,00	1	072431243
44	10	288	49,00	1	072431244
45	10,5	295	49,00	1	072431245
46	11	302	49,00	1	072431246
47	12	308	49,00	1	072431247
48	13	315	49,00	1	072431248



CE

S1P SRC

**EN ISO  
20345  
2011**





### 7243CK

leather ankle shoe, water-repellent, with quick opening system

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2,5	228	50,50	1	072431335
36	3,5	235	50,50	1	072431336
37	4,5	242	50,50	1	072431337
38	5	248	50,50	1	072431338
39	6	255	50,50	1	072431339
40	6,5	262	50,50	1	072431340
41	7	268	50,50	1	072431341
42	8	275	50,50	1	072431342
43	9	282	50,50	1	072431343
44	10	288	50,50	1	072431344
45	10,5	295	50,50	1	072431345
46	11	302	50,50	1	072431346
47	12	308	50,50	1	072431347
48	13	315	50,50	1	072431348

CE



S3 RS SRC

EN ISO 20345 2011



### 7243CR

leather ankle shoe, waterproof, with durable rubber outsole and quick opening system

- Steel toe cap
- Elastic steel penetration-proof insole

EU	UK	mm	€	W	L
35	2,5	231	74,50	1	072430735
36	3,5	238	74,50	1	072430736
37	4,5	245	74,50	1	072430737
38	5	251	74,50	1	072430738
39	6	258	74,50	1	072430739
40	6,5	265	74,50	1	072430740
41	7	271	74,50	1	072430741
42	8	278	74,50	1	072430742
43	9	285	74,50	1	072430743
44	10	291	74,50	1	072430744
45	10,5	298	74,50	1	072430745
46	11	305	74,50	1	072430746
47	12	311	74,50	1	072430747
48	13	318	74,50	1	072430748

CE



S3 RS HRO SRC

EN ISO 20345 2011



### 7243FT

leather ankle shoe, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole

EU	UK	mm	€	W	L
35	2,5	228	44,00	1	072430635
36	3,5	235	44,00	1	072430636
37	4,5	242	44,00	1	072430637
38	5	248	44,00	1	072430638
39	6	255	44,00	1	072430639
40	6,5	262	44,00	1	072430640
41	7	268	44,00	1	072430641
42	8	275	44,00	1	072430642
43	9	282	44,00	1	072430643
44	10	288	44,00	1	072430644
45	10,5	295	44,00	1	072430645
46	11	302	44,00	1	072430646
47	12	308	44,00	1	072430647
48	13	315	44,00	1	072430648

CE



O2 FO SRC

EN ISO 20347 2012



### 7245BK

lace-up leather ankle shoe, "welder" style, water-repellent, with quick opening system and front protection with strap closure

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2,5	228	58,00	1	072451235
36	3,5	235	58,00	1	072451236
37	4,5	242	58,00	1	072451237
38	5	248	58,00	1	072451238
39	6	255	58,00	1	072451239
40	6,5	262	58,00	1	072451240
41	7	268	58,00	1	072451241
42	8	275	58,00	1	072451242
43	9	282	58,00	1	072451243
44	10	288	58,00	1	072451244
45	10,5	295	58,00	1	072451245
46	11	302	58,00	1	072451246
47	12	308	58,00	1	072451247
48	13	315	58,00	1	072451248

CE



S3 RS SRC

EN ISO 20345 2011





**7246BK**  
suede shoe, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2,5	228	50,50	1	072461235
36	3,5	235	50,50	1	072461236
37	4,5	242	50,50	1	072461237
38	5	248	50,50	1	072461238
39	6	255	50,50	1	072461239
40	6,5	262	50,50	1	072461240
41	7	268	50,50	1	072461241
42	8	275	50,50	1	072461242
43	9	282	50,50	1	072461243
44	10	288	50,50	1	072461244
45	10,5	295	50,50	1	072461245
46	11	302	50,50	1	072461246
47	12	308	50,50	1	072461247
48	13	315	50,50	1	072461248

CE



S1P SRC



**7247BK**  
leather sandal, perforated

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2,5	228	50,00	1	072471235
36	3,5	235	50,00	1	072471236
37	4,5	242	50,00	1	072471237
38	5	248	50,00	1	072471238
39	6	255	50,00	1	072471239
40	6,5	262	50,00	1	072471240
41	7	268	50,00	1	072471241
42	8	275	50,00	1	072471242
43	9	282	50,00	1	072471243
44	10	288	50,00	1	072471244
45	10,5	295	50,00	1	072471245
46	11	302	50,00	1	072471246
47	12	308	50,00	1	072471247
48	13	315	50,00	1	072471248

CE



S1P SRC



**7328A**  
"top visibility" safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm	€	W	L
38	5	253	39,50	1	073280638
39	6	260	39,50	1	073280639
40	6,5	267	39,50	1	073280640
41	7	273	39,50	1	073280641
42	8	280	39,50	1	073280642
43	9	287	39,50	1	073280643
44	10	293	39,50	1	073280644
45	10,5	300	39,50	1	073280645
46	11	307	39,50	1	073280646
47	12	313	39,50	1	073280647

CE



S5 SRC



**7328N**  
safety boot made from nitrile PVC. With self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm	€	W	L
38	5	253	39,50	1	073280838
39	6	260	39,50	1	073280839
40	6,5	267	39,50	1	073280840
41	7	273	39,50	1	073280841
42	8	280	39,50	1	073280842
43	9	287	39,50	1	073280843
44	10	293	39,50	1	073280844
45	10,5	300	39,50	1	073280845
46	11	307	39,50	1	073280846
47	12	313	39,50	1	073280847

CE



S5 SRC



# EASY PLUS



## 7220PEK

leather shoe, water-repellent, with nylon inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	⚡	🔒
35	2,5	228	66,50	1	072200235
36	3,5	235	66,50	1	072200236
37	4,5	242	66,50	1	072200237
38	5	248	66,50	1	072200238
39	6	255	66,50	1	072200239
40	6,5	262	66,50	1	072200240
41	7	268	66,50	1	072200241
42	8	275	66,50	1	072200242
43	9	282	66,50	1	072200243
44	10	288	66,50	1	072200244
45	10,5	295	66,50	1	072200245
46	11	302	66,50	1	072200246
47	12	308	66,50	1	072200247
48	13	315	66,50	1	072200248

CE



S3 SRC

EN ISO 20345 2011

METAL FREE



## 7221PEK

leather ankle shoe, water-repellent, with nylon inserts, anti-abrasion reinforcement in toe cap area and quick opening system

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	⚡	🔒
35	2,5	228	69,50	1	072210235
36	3,5	235	69,50	1	072210236
37	4,5	242	69,50	1	072210237
38	5	248	69,50	1	072210238
39	6	255	69,50	1	072210239
40	6,5	262	69,50	1	072210240
41	7	268	69,50	1	072210241
42	8	275	69,50	1	072210242
43	9	282	69,50	1	072210243
44	10	288	69,50	1	072210244
45	10,5	295	69,50	1	072210245
46	11	302	69,50	1	072210246
47	12	308	69,50	1	072210247
48	13	315	69,50	1	072210248

CE



S3 RS SRC

EN ISO 20345 2011

METAL FREE



## 7222PEK

suede shoe, perforated, with highly breathable mesh inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	⚡	🔒
35	2,5	228	64,00	1	072220135
36	3,5	235	64,00	1	072220136
37	4,5	242	64,00	1	072220137
38	5	248	64,00	1	072220138
39	6	255	64,00	1	072220139
40	6,5	262	64,00	1	072220140
41	7	268	64,00	1	072220141
42	8	275	64,00	1	072220142
43	9	282	64,00	1	072220143
44	10	288	64,00	1	072220144
45	10,5	295	64,00	1	072220145
46	11	302	64,00	1	072220146
47	12	308	64,00	1	072220147
48	13	315	64,00	1	072220148

CE



S1P SRC

EN ISO 20345 2011

METAL FREE





### 7223PEK

suede shoe with highly breathable mesh inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

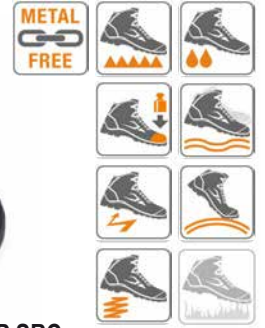
EU	UK	mm	€		
35	2,5	228	69,00	1	072230135
36	3,5	235	69,00	1	072230136
37	4,5	242	69,00	1	072230137
38	5	248	69,00	1	072230138
39	6	255	69,00	1	072230139
40	6,5	262	69,00	1	072230140
41	7	268	69,00	1	072230141
42	8	275	69,00	1	072230142
43	9	282	69,00	1	072230143
44	10	288	69,00	1	072230144
45	10,5	295	69,00	1	072230145
46	11	302	69,00	1	072230146
47	12	308	69,00	1	072230147
48	13	315	69,00	1	072230148

CE



S1P SRC

**EN ISO 20345 2011**



### 7224PEK

suede shoe, perforated, with anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

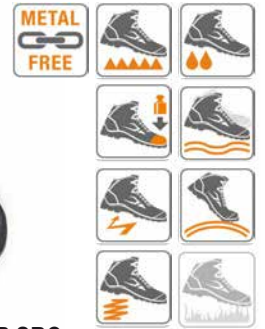
EU	UK	mm	€		
35	2,5	228	69,00	1	072240235
36	3,5	235	69,00	1	072240236
37	4,5	242	69,00	1	072240237
38	5	248	69,00	1	072240238
39	6	255	69,00	1	072240239
40	6,5	262	69,00	1	072240240
41	7	268	69,00	1	072240241
42	8	275	69,00	1	072240242
43	9	282	69,00	1	072240243
44	10	288	69,00	1	072240244
45	10,5	295	69,00	1	072240245
46	11	302	69,00	1	072240246
47	12	308	69,00	1	072240247
48	13	315	69,00	1	072240248

CE



S1P SRC

**EN ISO 20345 2011**



### 7225PEK

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

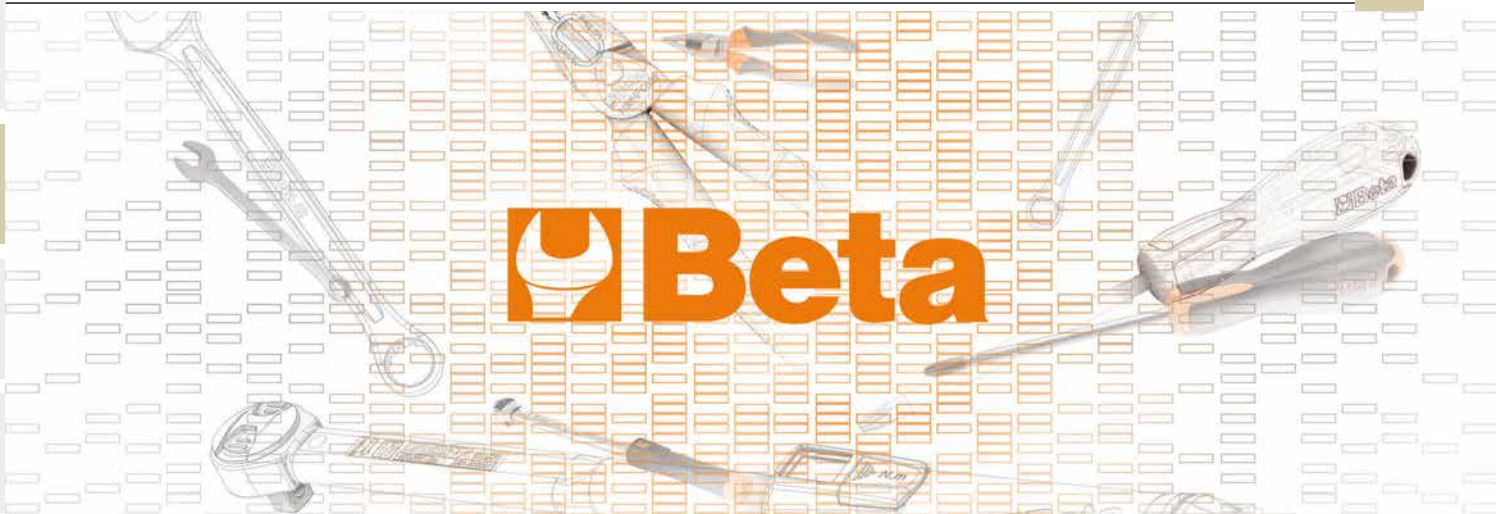
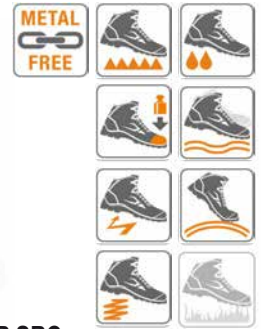
EU	UK	mm	€		
35	2,5	228	66,00	1	072250135
36	3,5	235	66,00	1	072250136
37	4,5	242	66,00	1	072250137
38	5	248	66,00	1	072250138
39	6	255	66,00	1	072250139
40	6,5	262	66,00	1	072250140
41	7	268	66,00	1	072250141
42	8	275	66,00	1	072250142
43	9	282	66,00	1	072250143
44	10	288	66,00	1	072250144
45	10,5	295	66,00	1	072250145
46	11	302	66,00	1	072250146
47	12	308	66,00	1	072250147
48	13	315	66,00	1	072250148

CE



S1P SRC

**EN ISO 20345 2011**





# FLEX



## 7212B

suede shoe, with mesh inserts, anti-abrasion insert in toe cap area Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO 20345 2011**



EU	UK	mm	€	☑	☑
35	2.5	228	74,00	1	072120235
36	3.5	235	74,00	1	072120236
37	4.5	242	74,00	1	072120237
38	5	248	74,00	1	072120238
39	6	255	74,00	1	072120239
40	6.5	262	74,00	1	072120240
41	7	268	74,00	1	072120241
42	8	275	74,00	1	072120242
43	9	282	74,00	1	072120243
44	10	288	74,00	1	072120244
45	10.5	295	74,00	1	072120245
46	11	302	74,00	1	072120246
47	12	308	74,00	1	072120247
48	13	315	74,00	1	072120248



CE

S1P SRC ESD

## 7212G

suede shoe, perforated. With anti-abrasion insert in toe cap area. Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO 20345 2011**



EU	UK	mm	€	☑	☑
35	2.5	228	74,00	1	072120335
36	3.5	235	74,00	1	072120336
37	4.5	242	74,00	1	072120337
38	5	248	74,00	1	072120338
39	6	255	74,00	1	072120339
40	6.5	262	74,00	1	072120340
41	7	268	74,00	1	072120341
42	8	275	74,00	1	072120342
43	9	282	74,00	1	072120343
44	10	288	74,00	1	072120344
45	10.5	295	74,00	1	072120345
46	11	302	74,00	1	072120346
47	12	308	74,00	1	072120347
48	13	315	74,00	1	072120348



CE

S1P SRC ESD

## 7212LG

women's suede shoe, perforated, with mesh inserts Extremely flexible and lightweight - approximate weight, size 38: 380 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO 20345 2011**



EU	UK	mm	€	☑	☑
34	2	222	70,50	1	072120134
35	2.5	228	70,50	1	072120135
36	3.5	235	70,50	1	072120136
37	4.5	242	70,50	1	072120137
38	5	248	70,50	1	072120138
39	6	255	70,50	1	072120139
40	6.5	262	70,50	1	072120140
41	7	268	70,50	1	072120141
42	8	275	70,50	1	072120142



CE

S1P SRC

### 7213G

suede shoe, perforated, with highly breathable mesh inserts  
Remarkably flexible and lightweight - approximate weight  
for size 42: 490 g Not recommended for heavy-duty  
jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
35	2.5	228	74,00	1	072130135
36	3.5	235	74,00	1	072130136
37	4.5	242	74,00	1	072130137
38	5	248	74,00	1	072130138
39	6	255	74,00	1	072130139
40	6.5	262	74,00	1	072130140
41	7	268	74,00	1	072130141
42	8	275	74,00	1	072130142
43	9	282	74,00	1	072130143
44	10	288	74,00	1	072130144
45	10.5	295	74,00	1	072130145
46	11	302	74,00	1	072130146
47	12	308	74,00	1	072130147
48	13	315	74,00	1	072130148

CE



S1P SRC ESD



EN ISO 20345 2011



### 7214FN

Action nubuck shoe, waterproof, with anti-abrasion insert in  
toe cap area Extremely flexible and lightweight - approximate  
weight size 42: 500 g Not recommended for heavy-duty use (building, agriculture,  
heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
35	2,5	228	80,00	1	072140035
36	3,5	235	80,00	1	072140036
37	4,5	242	80,00	1	072140037
38	5	248	80,00	1	072140038
39	6	255	80,00	1	072140039
40	6,5	262	80,00	1	072140040
41	7	268	80,00	1	072140041
42	8	275	80,00	1	072140042
43	9	282	80,00	1	072140043
44	10	288	80,00	1	072140044
45	10,5	295	80,00	1	072140045
46	11	302	80,00	1	072140046
47	12	308	80,00	1	072140047
48	13	315	80,00	1	072140048

CE



S3 SRC



EN ISO 20345 2011



### 7214G

Action nubuck shoe, water-repellent, with anti-abrasion insert in  
toe cap area Remarkably flexible and lightweight - approximate  
weight for size 42: 500 g Not recommended for heavy-duty  
jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
35	2.5	228	80,00	1	072140235
36	3.5	235	80,00	1	072140236
37	4.5	242	80,00	1	072140237
38	5	248	80,00	1	072140238
39	6	255	80,00	1	072140239
40	6.5	262	80,00	1	072140240
41	7	268	80,00	1	072140241
42	8	275	80,00	1	072140242
43	9	282	80,00	1	072140243
44	10	288	80,00	1	072140244
45	10.5	295	80,00	1	072140245
46	11	302	80,00	1	072140246
47	12	308	80,00	1	072140247
48	13	315	80,00	1	072140248

CE



S3 SRC ESD



EN ISO 20345 2011



### 7214LN

women's suede shoe, waterproof, with anti-abrasion insert in  
toe cap area Extremely flexible and lightweight - approximate  
weight, size 38: 380 g Not recommended for heavy-duty use  
(building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
34	2	222	74,00	1	072140134
35	2,5	228	74,00	1	072140135
36	3,5	235	74,00	1	072140136
37	4,5	242	74,00	1	072140137
38	5	248	74,00	1	072140138
39	6	255	74,00	1	072140139
40	6,5	262	74,00	1	072140140
41	7	268	74,00	1	072140141
42	8	275	74,00	1	072140142

CE



S3 SRC



EN ISO 20345 2011





### 7215FN

Action nubuck moccasin, waterproof, with anti-abrasion insert in toe cap area Extremely flexible and lightweight - approximate weight, size 42: 490 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
35	2,5	228	81,00	1	072150135
36	3,5	235	81,00	1	072150136
37	4,5	242	81,00	1	072150137
38	5	248	81,00	1	072150138
39	6	255	81,00	1	072150139
40	6,5	262	81,00	1	072150140
41	7	268	81,00	1	072150141
42	8	275	81,00	1	072150142
43	9	282	81,00	1	072150143
44	10	288	81,00	1	072150144
45	10,5	295	81,00	1	072150145
46	11	302	81,00	1	072150146
47	12	308	81,00	1	072150147
48	13	315	81,00	1	072150148

CE



S3 SRC



EN ISO 20345 2011



### 7218FN

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Extremely flexible and lightweight - approximate weight, size 42: 510 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€		
35	2,5	228	83,50	1	072180035
36	3,5	235	83,50	1	072180036
37	4,5	242	83,50	1	072180037
38	5	248	83,50	1	072180038
39	6	255	83,50	1	072180039
40	6,5	262	83,50	1	072180040
41	7	268	83,50	1	072180041
42	8	275	83,50	1	072180042
43	9	282	83,50	1	072180043
44	10	288	83,50	1	072180044
45	10,5	295	83,50	1	072180045
46	11	302	83,50	1	072180046
47	12	308	83,50	1	072180047
48	13	315	83,50	1	072180048

CE



S3 RS SRC



EN ISO 20345 2011



### 7218G

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Remarkably flexible and lightweight - approximate weight for size 42: 550 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€		
35	2,5	228	83,50	1	072180135
36	3,5	235	83,50	1	072180136
37	4,5	242	83,50	1	072180137
38	5	248	83,50	1	072180138
39	6	255	83,50	1	072180139
40	6,5	262	83,50	1	072180140
41	7	268	83,50	1	072180141
42	8	275	83,50	1	072180142
43	9	282	83,50	1	072180143
44	10	288	83,50	1	072180144
45	10,5	295	83,50	1	072180145
46	11	302	83,50	1	072180146
47	12	308	83,50	1	072180147
48	13	315	83,50	1	072180148

CE



S3 RS SRC ESD



EN ISO 20345 2011



Beta



# BASIC PLUS



## 7200BKK

full-grain leather shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	76,50	1	072000235
36	3,5	235	76,50	1	072000236
37	4,5	242	76,50	1	072000237
38	5	248	76,50	1	072000238
39	6	255	76,50	1	072000239
40	6,5	262	76,50	1	072000240
41	7	268	76,50	1	072000241
42	8	275	76,50	1	072000242
43	9	282	76,50	1	072000243
44	10	288	76,50	1	072000244
45	10,5	295	76,50	1	072000245
46	11	302	76,50	1	072000246
47	12	308	76,50	1	072000247
48	13	315	76,50	1	072000248



CE

S3 SRC

EN ISO 20345 2011

METAL FREE



## 7201BKK

full-grain leather ankle shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	80,50	1	072010435
36	3,5	235	80,50	1	072010436
37	4,5	242	80,50	1	072010437
38	5	248	80,50	1	072010438
39	6	255	80,50	1	072010439
40	6,5	262	80,50	1	072010440
41	7	268	80,50	1	072010441
42	8	275	80,50	1	072010442
43	9	282	80,50	1	072010443
44	10	288	80,50	1	072010444
45	10,5	295	80,50	1	072010445
46	11	302	80,50	1	072010446
47	12	308	80,50	1	072010447
48	13	315	80,50	1	072010448



CE

S3 SRC

EN ISO 20345 2011

METAL FREE



## 7210BKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	IC
35	2,5	228	75,50	1	072100335
36	3,5	235	75,50	1	072100336
37	4,5	242	75,50	1	072100337
38	5	248	75,50	1	072100338
39	6	255	75,50	1	072100339
40	6,5	262	75,50	1	072100340
41	7	268	75,50	1	072100341
42	8	275	75,50	1	072100342
43	9	282	75,50	1	072100343
44	10	288	75,50	1	072100344
45	10,5	295	75,50	1	072100345
46	11	302	75,50	1	072100346
47	12	308	75,50	1	072100347
48	13	315	75,50	1	072100348



CE

S1P SRC

EN ISO 20345 2011

METAL FREE



**7216BKK**  
soft suede sandal,  
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO  
20345  
2011**

METAL  
FREE



CE

S1P SRC

EU	UK	mm	€		
35	2,5	228	78,50	1	072160335
36	3,5	235	78,50	1	072160336
37	4,5	242	78,50	1	072160337
38	5	248	78,50	1	072160338
39	6	255	78,50	1	072160339
40	6,5	262	78,50	1	072160340
41	7	268	78,50	1	072160341
42	8	275	78,50	1	072160342
43	9	282	78,50	1	072160343
44	10	288	78,50	1	072160344
45	10,5	295	78,50	1	072160345
46	11	302	78,50	1	072160346
47	12	308	78,50	1	072160347
48	13	315	78,50	1	072160348

**7310CRK**

lace-up black leather shoe, "welder" style, water-repellent,  
with quick opening system and front protection with strap  
fastening and flameproof seams Hard-wearing rubber outsole  
and anti-abrasion insert in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO  
20345  
2011**



CE

S3 RS HRO SRC

EU	UK	mm	€		
35	2,5	227	90,50	1	073100335
36	3,5	234	90,50	1	073100336
37	4,5	241	90,50	1	073100337
38	5	247	90,50	1	073100338
39	6	254	90,50	1	073100339
40	6,5	261	90,50	1	073100340
41	7	267	90,50	1	073100341
42	8	274	90,50	1	073100342
43	9	281	90,50	1	073100343
44	10	287	90,50	1	073100344
45	10,5	294	90,50	1	073100345
46	11	301	90,50	1	073100346
47	12	307	90,50	1	073100347
48	13	314	90,50	1	073100348

# TREKKING



**7235BK**

Action Nubuck shoe, waterproof,  
with reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

**EN ISO  
20345  
2011**



CE

S3 SRC

EU	UK	mm	€		
35	2,5	228	72,50	1	072350335
36	3,5	235	72,50	1	072350336
37	4,5	242	72,50	1	072350337
38	5	248	72,50	1	072350338
39	6	255	72,50	1	072350339
40	6,5	262	72,50	1	072350340
41	7	268	72,50	1	072350341
42	8	275	72,50	1	072350342
43	9	282	72,50	1	072350343
44	10	288	72,50	1	072350344
45	10,5	295	72,50	1	072350345
46	11	302	72,50	1	072350346
47	12	308	72,50	1	072350347
48	13	315	72,50	1	072350348



### 7236BK

Action Nubuck ankle shoe, waterproof, with quick opening system and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	W
35	2,5	228	76,00	1	072360335
36	3,5	235	76,00	1	072360336
37	4,5	242	76,00	1	072360337
38	5	248	76,00	1	072360338
39	6	255	76,00	1	072360339
40	6,5	262	76,00	1	072360340
41	7	268	76,00	1	072360341
42	8	275	76,00	1	072360342
43	9	282	76,00	1	072360343
44	10	288	76,00	1	072360344
45	10,5	295	76,00	1	072360345
46	11	302	76,00	1	072360346
47	12	308	76,00	1	072360347
48	13	315	76,00	1	072360348

CE



S3 RS SRC

EN ISO 20345 2011



### 7238WR

suede ankle shoe with nylon inserts, durable rubber outsole and quick opening system  
WR (water-resistant) footwear: after 1,000 steps in a tank with 3 cm of water, the wet internal surface has to be  $\leq 3$  cm<sup>2</sup> (spot)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	W
35	2,5	228	102,00	1	072380235
36	3,5	235	102,00	1	072380236
37	4,5	242	102,00	1	072380237
38	5	248	102,00	1	072380238
39	6	255	102,00	1	072380239
40	6,5	262	102,00	1	072380240
41	7	268	102,00	1	072380241
42	8	275	102,00	1	072380242
43	9	282	102,00	1	072380243
44	10	288	102,00	1	072380244
45	10,5	295	102,00	1	072380245
46	11	302	102,00	1	072380246
47	12	308	102,00	1	072380247
48	13	315	102,00	1	072380248

CE



S3 RS WR HRO SRC

EN ISO 20345 2011



### 7239B

nubuck ankle boot, water-repellent, with mesh inserts and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	W
39	6	258	110,00	1	072390339
40	6,5	265	110,00	1	072390340
41	7	271	110,00	1	072390341
42	8	278	110,00	1	072390342
43	9	285	110,00	1	072390343
44	10	291	110,00	1	072390344
45	10,5	298	110,00	1	072390345
46	11	305	110,00	1	072390346
47	12	311	110,00	1	072390347
48	13	318	110,00	1	072390348

CE



S3 SRC

EN ISO 20345 2011



### 7248GK

suede shoe with nylon inserts and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	W
35	2,5	231	60,00	1	072480235
36	3,5	238	60,00	1	072480236
37	4,5	245	60,00	1	072480237
38	5	251	60,00	1	072480238
39	6	258	60,00	1	072480239
40	6,5	265	60,00	1	072480240
41	7	271	60,00	1	072480241
42	8	278	60,00	1	072480242
43	9	285	60,00	1	072480243
44	10	291	60,00	1	072480244
45	10,5	298	60,00	1	072480245
46	11	305	60,00	1	072480246
47	12	311	60,00	1	072480247
48	13	318	60,00	1	072480248

CE



S1P SRC

EN ISO 20345 2011





### 7249GK

suede ankle shoe with nylon inserts, quick opening system and reinforcement polyurethane toe cap cover

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	PC
35	2,5	231	64,00	1	072490235
36	3,5	238	64,00	1	072490236
37	4,5	245	64,00	1	072490237
38	5	251	64,00	1	072490238
39	6	258	64,00	1	072490239
40	6,5	265	64,00	1	072490240
41	7	271	64,00	1	072490241
42	8	278	64,00	1	072490242
43	9	285	64,00	1	072490243
44	10	291	64,00	1	072490244
45	10,5	298	64,00	1	072490245
46	11	305	64,00	1	072490246
47	12	311	64,00	1	072490247
48	13	318	64,00	1	072490248

CE



S1P RS SRC

EN ISO 20345 2011



# ACTIVE



### 7314AF

suede shoe with nylon mesh and carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	PC
35	2,5	228	101,50	1	073140235
36	3,5	235	101,50	1	073140236
37	4,5	242	101,50	1	073140237
38	5	248	101,50	1	073140238
39	6	255	101,50	1	073140239
40	6,5	262	101,50	1	073140240
41	7	268	101,50	1	073140241
42	8	275	101,50	1	073140242
43	9	282	101,50	1	073140243
44	10	288	101,50	1	073140244
45	10,5	295	101,50	1	073140245
46	11	302	101,50	1	073140246
47	12	308	101,50	1	073140247
48	13	315	101,50	1	073140248

CE



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### 7315AN

suede and microfibre shoe, water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	PC
35	2,5	228	117,00	1	073150535
36	3,5	235	117,00	1	073150536
37	4,5	242	117,00	1	073150537
38	5	248	117,00	1	073150538
39	6	255	117,00	1	073150539
40	6,5	262	117,00	1	073150540
41	7	268	117,00	1	073150541
42	8	275	117,00	1	073150542
43	9	282	117,00	1	073150543
44	10	288	117,00	1	073150544
45	10,5	295	117,00	1	073150545
46	11	302	117,00	1	073150546
47	12	308	117,00	1	073150547
48	13	315	117,00	1	073150548

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### 7316NB

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	L
35	2.5	228	88,00	1	073160735
36	3.5	235	88,00	1	073160736
37	4.5	242	88,00	1	073160737
38	5	248	88,00	1	073160738
39	6	255	88,00	1	073160739
40	6.5	262	88,00	1	073160740
41	7	268	88,00	1	073160741
42	8	275	88,00	1	073160742
43	9	282	88,00	1	073160743
44	10	288	88,00	1	073160744
45	10.5	295	88,00	1	073160745
46	11	302	88,00	1	073160746
47	12	308	88,00	1	073160747
48	13	315	88,00	1	073160748

CE



S1P SRC ESD



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### 7316NG

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	W	L
35	2.5	228	88,00	1	073160635
36	3.5	235	88,00	1	073160636
37	4.5	242	88,00	1	073160637
38	5	248	88,00	1	073160638
39	6	255	88,00	1	073160639
40	6.5	262	88,00	1	073160640
41	7	268	88,00	1	073160641
42	8	275	88,00	1	073160642
43	9	282	88,00	1	073160643
44	10	288	88,00	1	073160644
45	10.5	295	88,00	1	073160645
46	11	302	88,00	1	073160646
47	12	308	88,00	1	073160647
48	13	315	88,00	1	073160648

CE



S1P SRC ESD



### 7317NA

suede shoe, perforated, with microfibre reinforcement in heel area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2.5	228	75,50	1	073170135
36	3.5	235	75,50	1	073170136
37	4.5	242	75,50	1	073170137
38	5	248	75,50	1	073170138
39	6	255	75,50	1	073170139
40	6.5	262	75,50	1	073170140
41	7	268	75,50	1	073170141
42	8	275	75,50	1	073170142
43	9	282	75,50	1	073170143
44	10	288	75,50	1	073170144
45	10.5	295	75,50	1	073170145
46	11	302	75,50	1	073170146
47	12	308	75,50	1	073170147
48	13	315	75,50	1	073170148

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### 7318AN

suede and microfibre ankle shoe, water-repellent, with carbon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	W	L
35	2.5	228	121,50	1	073180535
36	3.5	235	121,50	1	073180536
37	4.5	242	121,50	1	073180537
38	5	248	121,50	1	073180538
39	6	255	121,50	1	073180539
40	6.5	262	121,50	1	073180540
41	7	268	121,50	1	073180541
42	8	275	121,50	1	073180542
43	9	282	121,50	1	073180543
44	10	288	121,50	1	073180544
45	10.5	295	121,50	1	073180545
46	11	302	121,50	1	073180546
47	12	308	121,50	1	073180547
48	13	315	121,50	1	073180548

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### 7320NA

nubuck shoe, water-repellent,  
with antiabrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€		
35	2,5	228	79,50	1	073200435
36	3,5	235	79,50	1	073200436
37	4,5	242	79,50	1	073200437
38	5	248	79,50	1	073200438
39	6	255	79,50	1	073200439
40	6,5	262	79,50	1	073200440
41	7	268	79,50	1	073200441
42	8	275	79,50	1	073200442
43	9	282	79,50	1	073200443
44	10	288	79,50	1	073200444
45	10,5	295	79,50	1	073200445
46	11	302	79,50	1	073200446
47	12	308	79,50	1	073200447
48	13	315	79,50	1	073200448



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### 7321NA

nubuck shoe, water-repellent,  
with quick opening system and antiabrasion reinforcement in  
toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€		
35	2,5	228	82,00	1	073210435
36	3,5	235	82,00	1	073210436
37	4,5	242	82,00	1	073210437
38	5	248	82,00	1	073210438
39	6	255	82,00	1	073210439
40	6,5	262	82,00	1	073210440
41	7	268	82,00	1	073210441
42	8	275	82,00	1	073210442
43	9	282	82,00	1	073210443
44	10	288	82,00	1	073210444
45	10,5	295	82,00	1	073210445
46	11	302	82,00	1	073210446
47	12	308	82,00	1	073210447
48	13	315	82,00	1	073210448



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### 7322SA

fabric shoe, highly resistant to abrasion,  
with heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€		
35	2,5	228	86,00	1	073220435
36	3,5	235	86,00	1	073220436
37	4,5	242	86,00	1	073220437
38	5	248	86,00	1	073220438
39	6	255	86,00	1	073220439
40	6,5	262	86,00	1	073220440
41	7	268	86,00	1	073220441
42	8	275	86,00	1	073220442
43	9	282	86,00	1	073220443
44	10	288	86,00	1	073220444
45	10,5	295	86,00	1	073220445
46	11	302	86,00	1	073220446
47	12	308	86,00	1	073220447
48	13	315	86,00	1	073220448



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S3 SRC

EN ISO 20345 2011



### 7323SA

fabric ankle shoe, highly resistant to abrasion,  
with quick opening system and heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€		
35	2,5	228	88,50	1	073230435
36	3,5	235	88,50	1	073230436
37	4,5	242	88,50	1	073230437
38	5	248	88,50	1	073230438
39	6	255	88,50	1	073230439
40	6,5	262	88,50	1	073230440
41	7	268	88,50	1	073230441
42	8	275	88,50	1	073230442
43	9	282	88,50	1	073230443
44	10	288	88,50	1	073230444
45	10,5	295	88,50	1	073230445
46	11	302	88,50	1	073230446
47	12	308	88,50	1	073230447
48	13	315	88,50	1	073230448



CE

S3 RS SRC

EN ISO 20345 2011





# O-GRAVITY



## 7352A

mesh fabric shoe, highly breathable, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO 20345 2011**

EU	UK	mm	€	W	Code
38	5	254	132,00	1	073520038
39	6	261	132,00	1	073520039
40	6,5	268	132,00	1	073520040
41	7	274	132,00	1	073520041
42	8	281	132,00	1	073520042
43	9	288	132,00	1	073520043
44	10	294	132,00	1	073520044
45	10,5	301	132,00	1	073520045
46	11	308	132,00	1	073520046
47	12	314	132,00	1	073520047
48	13	321	132,00	1	073520048



METAL FREE



CE

S1P HRO SRC

## 7352B

mesh fabric shoe, highly breathable, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO 20345 2011**

EU	UK	mm	€	W	Code
38	5	254	132,00	1	073520138
39	6	261	132,00	1	073520139
40	6,5	268	132,00	1	073520140
41	7	274	132,00	1	073520141
42	8	281	132,00	1	073520142
43	9	288	132,00	1	073520143
44	10	294	132,00	1	073520144
45	10,5	301	132,00	1	073520145
46	11	308	132,00	1	073520146
47	12	314	132,00	1	073520147
48	13	321	132,00	1	073520148



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S1P HRO SRC

## 7352G

mesh fabric shoe, highly breathable, with TPU inserts  
Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 grams

**EN ISO 20345 2011**

EU	UK	mm	€	W	Code
38	5	254	136,50	1	073520338
39	6	261	136,50	1	073520339
40	6,5	268	136,50	1	073520340
41	7	274	136,50	1	073520341
42	8	281	136,50	1	073520342
43	9	288	136,50	1	073520343
44	10	294	136,50	1	073520344
45	10,5	301	136,50	1	073520345
46	11	308	136,50	1	073520346
47	12	314	136,50	1	073520347
48	13	321	136,50	1	073520348



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S1P HRO SRC ESD

### 7352LG

women's mesh fabric shoe, highly breathable, with TPU inserts  
High-visibility reflective mesh upper  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Fibreglass toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 390 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
34	2	228	136,00	1	073520234
35	2,5	234	136,00	1	073520235
36	3,5	241	136,00	1	073520236
37	4,5	248	136,00	1	073520237
38	5	254	136,00	1	073520238
39	6	261	136,00	1	073520239
40	6,5	268	136,00	1	073520240
41	7	274	136,00	1	073520241
42	8	281	136,00	1	073520242

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S1P HRO SRC

### 7353Y

mesh fabric shoe, highly breathable, with TPU inserts  
High-visibility reflective mesh upper  
Heel stability support, stretch slip-on collar and EVA outsole  
with durable nitrile rubber tread

- Carbon fibre toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 420 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	169,50	1	073530038
39	6	261	169,50	1	073530039
40	6,5	268	169,50	1	073530040
41	7	274	169,50	1	073530041
42	8	281	169,50	1	073530042
43	9	288	169,50	1	073530043
44	10	294	169,50	1	073530044
45	10,5	301	169,50	1	073530045
46	11	308	169,50	1	073530046
47	12	314	169,50	1	073530047
48	13	321	169,50	1	073530048

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S1P HRO SRC

### 7354N

mesh fabric shoe, waterproof, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA outsole  
with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	136,00	1	073540038
39	6	261	136,00	1	073540039
40	6,5	268	136,00	1	073540040
41	7	274	136,00	1	073540041
42	8	281	136,00	1	073540042
43	9	288	136,00	1	073540043
44	10	294	136,00	1	073540044
45	10,5	301	136,00	1	073540045
46	11	308	136,00	1	073540046
47	12	314	136,00	1	073540047
48	13	321	136,00	1	073540048

CE



METAL  
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S3 HRO SRC

### 7355V

mesh fabric ankle shoe, waterproof, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA outsole  
with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 465 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	145,50	1	073550038
39	6	261	145,50	1	073550039
40	6,5	268	145,50	1	073550040
41	7	274	145,50	1	073550041
42	8	281	145,50	1	073550042
43	9	288	145,50	1	073550043
44	10	294	145,50	1	073550044
45	10,5	301	145,50	1	073550045
46	11	308	145,50	1	073550046
47	12	314	145,50	1	073550047
48	13	321	145,50	1	073550048

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### 7356G

microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA sole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	mm
38	5	254	140,50	1	073560038
39	6	261	140,50	1	073560039
40	6,5	268	140,50	1	073560040
41	7	274	140,50	1	073560041
42	8	281	140,50	1	073560042
43	9	288	140,50	1	073560043
44	10	294	140,50	1	073560044
45	10,5	301	140,50	1	073560045
46	11	308	140,50	1	073560046
47	12	314	140,50	1	073560047
48	13	321	140,50	1	073560048



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S3 HRO SRC

### 7356V

microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	mm
38	5	254	140,50	1	073560138
39	6	261	140,50	1	073560139
40	6,5	268	140,50	1	073560140
41	7	274	140,50	1	073560141
42	8	281	140,50	1	073560142
43	9	288	140,50	1	073560143
44	10	294	140,50	1	073560144
45	10,5	301	140,50	1	073560145
46	11	308	140,50	1	073560146
47	12	314	140,50	1	073560147
48	13	321	140,50	1	073560148



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S3 HRO SRC

### 7356LN

women's microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Fibreglass toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 400 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	mm
34	2	228	139,50	1	073560234
35	2,5	234	139,50	1	073560235
36	3,5	241	139,50	1	073560236
37	4,5	248	139,50	1	073560237
38	5	254	139,50	1	073560238
39	6	261	139,50	1	073560239
40	6,5	268	139,50	1	073560240
41	7	274	139,50	1	073560241
42	8	281	139,50	1	073560242



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S3 HRO SRC

### 7357G

microfibre ankle shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with  
durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	mm
38	5	254	155,50	1	073570038
39	6	261	155,50	1	073570039
40	6,5	268	155,50	1	073570040
41	7	274	155,50	1	073570041
42	8	281	155,50	1	073570042
43	9	288	155,50	1	073570043
44	10	294	155,50	1	073570044
45	10,5	301	155,50	1	073570045
46	11	308	155,50	1	073570046
47	12	314	155,50	1	073570047
48	13	321	155,50	1	073570048



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S3 HRO SRC



### 7357V

microfibre ankle shoe, water-repellent, with TPU inserts  
Heel stability support, stretch-slip on collar  
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Art. No.
38	5	254	155,50	1	073570138
39	6	261	155,50	1	073570139
40	6,5	268	155,50	1	073570140
41	7	274	155,50	1	073570141
42	8	281	155,50	1	073570142
43	9	288	155,50	1	073570143
44	10	294	155,50	1	073570144
45	10,5	301	155,50	1	073570145
46	11	308	155,50	1	073570146
47	12	314	155,50	1	073570147
48	13	321	155,50	1	073570148

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S3 HRO SRC



### 7362B

occupational shoe, made of mesh fabric, highly breathable,  
with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with  
durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO  
20347  
2012**

EU	UK	mm	€	W	Art. No.
39	6	261	119,50	1	073620039
40	6,5	268	119,50	1	073620040
41	7	274	119,50	1	073620041
42	8	281	119,50	1	073620042
43	9	288	119,50	1	073620043
44	10	294	119,50	1	073620044
45	10,5	301	119,50	1	073620045
46	11	308	119,50	1	073620046
47	12	314	119,50	1	073620047
48	13	321	119,50	1	073620048

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01 FO HRO SRC



### 7363N

occupational shoe, made of mesh fabric, water-repellent, with  
TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with  
durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO  
20347  
2012**

EU	UK	mm	€	W	Art. No.
39	6	261	124,50	1	073630039
40	6,5	268	124,50	1	073630040
41	7	274	124,50	1	073630041
42	8	281	124,50	1	073630042
43	9	288	124,50	1	073630043
44	10	294	124,50	1	073630044
45	10,5	301	124,50	1	073630045
46	11	308	124,50	1	073630046
47	12	314	124,50	1	073630047
48	13	321	124,50	1	073630048

CE



02 FO HRO SRC



**Beta**

### 7372B

woven fabric shoe, hard-wearing and ultrabreathable.  
Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	139,50	1	073720038
39	6	261	139,50	1	073720039
40	6,5	268	139,50	1	073720040
41	7	274	139,50	1	073720041
42	8	281	139,50	1	073720042
43	9	288	139,50	1	073720043
44	10	294	139,50	1	073720044
45	10,5	301	139,50	1	073720045
46	11	308	139,50	1	073720046
47	12	314	139,50	1	073720047
48	13	321	139,50	1	073720048



CE

S1P HRO SRC

### 7376A

microfibre and mesh sandal, perforated, and highly breathable  
Heel stability support, traditional lacing, stretch-laced, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 490 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	141,50	1	073760038
39	6	261	141,50	1	073760039
40	6,5	268	141,50	1	073760040
41	7	274	141,50	1	073760041
42	8	281	141,50	1	073760042
43	9	288	141,50	1	073760043
44	10	294	141,50	1	073760044
45	10,5	301	141,50	1	073760045
46	11	308	141,50	1	073760046
47	12	314	141,50	1	073760047
48	13	321	141,50	1	073760048



CE

S1P HRO SRC

### 7381N

waterproof shoe made from highly abrasion-resistant fabric,  
with TPU inserts. Heel stability support, traditional lacing, wide  
fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 500 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	162,00	1	073810038
39	6	261	162,00	1	073810039
40	6,5	268	162,00	1	073810040
41	7	274	162,00	1	073810041
42	8	281	162,00	1	073810042
43	9	288	162,00	1	073810043
44	10	294	162,00	1	073810044
45	10,5	301	162,00	1	073810045
46	11	308	162,00	1	073810046
47	12	314	162,00	1	073810047
48	13	321	162,00	1	073810048



CE

S3 SRC HRO WR

### 7382N

waterproof ankle shoe, made from highly abrasion-resistant  
fabric, with TPU inserts. Heel stability support, traditional  
lacing, wide fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 550 g

**EN ISO  
20345  
2011**

EU	UK	mm	€	W	Code
38	5	254	181,50	1	073820038
39	6	261	181,50	1	073820039
40	6,5	268	181,50	1	073820040
41	7	274	181,50	1	073820041
42	8	281	181,50	1	073820042
43	9	288	181,50	1	073820043
44	10	294	181,50	1	073820044
45	10,5	301	181,50	1	073820045
46	11	308	181,50	1	073820046
47	12	314	181,50	1	073820047
48	13	321	181,50	1	073820048



CE

S3 SRC HRO WR



# SNEAKERS PRO



## 7340B

mesh fabric shoe, highly breathable,  
with high-frequency PU inserts and protective toe cap  
reinforcement made of crust suede.  
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

**EN ISO  
20345  
2011**



EU	UK	mm	€	W	W
36	3,5	238	166,00	1	073400236
37	4,5	245	166,00	1	073400237
38	5	251	166,00	1	073400238
39	6	258	166,00	1	073400239
40	6,5	265	166,00	1	073400240
41	7	271	166,00	1	073400241
42	8	278	166,00	1	073400242
43	9	285	166,00	1	073400243
44	10	291	166,00	1	073400244
45	10,5	298	166,00	1	073400245
46	11	305	166,00	1	073400246
47	12	311	166,00	1	073400247



CE

S1P SRC

## 7341N

microsuede shoe, waterproof,  
with high-frequency PU inserts and protective toe cap  
reinforcement made of crust suede.  
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

**EN ISO  
20345  
2011**



EU	UK	mm	€	W	W
36	3,5	238	174,00	1	073410236
37	4,5	245	174,00	1	073410237
38	5	251	174,00	1	073410238
39	6	258	174,00	1	073410239
40	6,5	265	174,00	1	073410240
41	7	271	174,00	1	073410241
42	8	278	174,00	1	073410242
43	9	285	174,00	1	073410243
44	10	291	174,00	1	073410244
45	10,5	298	174,00	1	073410245
46	11	305	174,00	1	073410246
47	12	311	174,00	1	073410247



CE

S3 SRC

## 7349RP

shoe made of Nubuck crust leather, waterproof  
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO  
20345  
2011**



EU	UK	mm	€	W	W
38	5	254	176,00	1	073490138
39	6	260	176,00	1	073490139
40	6,5	267	176,00	1	073490140
41	7	274	176,00	1	073490141
42	8	280	176,00	1	073490142
43	9	287	176,00	1	073490143
44	10	294	176,00	1	073490144
45	10,5	300	176,00	1	073490145
46	11	307	176,00	1	073490146
47	12	314	176,00	1	073490147



CE

S3 HRO SRC



### 7350RP

ankle shoe made of Nubuck crust leather, waterproof with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO 20345 2011**

METAL FREE



EU	UK	mm	€	W	Code
38	5	254	180,00	1	073500138
39	6	260	180,00	1	073500139
40	6,5	267	180,00	1	073500140
41	7	274	180,00	1	073500141
42	8	280	180,00	1	073500142
43	9	287	180,00	1	073500143
44	10	294	180,00	1	073500144
45	10,5	300	180,00	1	073500145
46	11	307	180,00	1	073500146
47	12	314	180,00	1	073500147



CE

S3 HRO SRC

# HEAVY DUTY

### 7293HM

greased full-grain leather shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

**EN ISO 20345 2011**

11



EU	UK	mm	€	W	Code
39	6	263	181,50	1	072930639
40	6,5	270	181,50	1	072930640
41	7	276	181,50	1	072930641
42	8	283	181,50	1	072930642
43	9	289	181,50	1	072930643
44	10	296	181,50	1	072930644
45	10,5	302	181,50	1	072930645
46	11	309	181,50	1	072930646
47	12	315	181,50	1	072930647
48	13	322	181,50	1	072930648



CE

S3 HRO HI SRC

### 7293HN

Nubuck shoe, waterproof, with SUPPORT SYSTEM for lateral ankle support Durable rubber tread and PU toe cap Wide body

- Steel toe cap
- Composite fibre penetration-proof insole

**EN ISO 20345 2011**

11



E	U	mm	€	W	Code
39	6	256	143,50	1	072930839
40	6,5	263	143,50	1	072930840
41	7	269	143,50	1	072930841
42	8	276	143,50	1	072930842
43	9	282	143,50	1	072930843
44	10	289	143,50	1	072930844
45	10,5	295	143,50	1	072930845
46	11	302	143,50	1	072930846
47	12	308	143,50	1	072930847



CE

S3 HRO HI SRC

### 7294HM

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	👤	💻
39	6	263	192,00	1	072940639
40	6,5	270	192,00	1	072940640
41	7	276	192,00	1	072940641
42	8	283	192,00	1	072940642
43	9	289	192,00	1	072940643
44	10	296	192,00	1	072940644
45	10,5	302	192,00	1	072940645
46	11	309	192,00	1	072940646
47	12	315	192,00	1	072940647
48	13	322	192,00	1	072940648

CE



S3 HRO HI SRC



EN ISO 20345 2011



### 7294HMC

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover. With Tepor membrane, waterproof, windproof, highly breathable

- Fibreglass toe cap
- Composite fibre penetration proof insole

EU	UK	mm	€	👤	💻
39	6	263	214,00	1	072940739
40	6,5	270	214,00	1	072940740
41	7	276	214,00	1	072940741
42	8	283	214,00	1	072940742
43	9	289	214,00	1	072940743
44	10	296	214,00	1	072940744
45	10,5	302	214,00	1	072940745
46	11	309	214,00	1	072940746
47	12	315	214,00	1	072940747
48	13	322	214,00	1	072940748

CE



S3 HRO HI CI WR SRC



EN ISO 20345 2011



### 7294HN

Nubuck ankle shoe, waterproof, with SUPPORT SYSTEM for lateral ankle support and quick opening system. Durable rubber tread and PU toe cap. Wide body

- Steel toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	€	👤	💻
39	6	263	147,50	1	072940839
40	6,5	269	147,50	1	072940840
41	7	276	147,50	1	072940841
42	8	282	147,50	1	072940842
43	9	289	147,50	1	072940843
44	10	295	147,50	1	072940844
45	10,5	302	147,50	1	072940845
46	11	308	147,50	1	072940846
47	12	315	147,50	1	072940847

CE



S3 HRO HI RS SRC



EN ISO 20345 2011



 **Beta**



# ACCESSORIES

## 7398 O/G

anatomically shaped underfoot covers made of EVA foam, with cushioning heel pad (spare part recommended for 0-Gravity footwear range)



EU	UK	€	👤	📦
38	5	7,35	1	073981238
39	6	7,35	1	073981239
40	6,5	7,35	1	073981240
41	7	7,35	1	073981241
42	8	7,35	1	073981242
43	9	7,35	1	073981243
44	10	7,35	1	073981244
45	10,5	7,35	1	073981245
46	11	7,35	1	073981246
47	12	7,35	1	073981247
48	13	7,35	1	073981248

## 7398ESD

anatomically shaped, breathable underfoot cover, antibacterial top layer preventing bad odours. Replacement for ESD (ElectroStatic Discharge) certified footwear



EU	UK	€	👤	📦
35	2,5	8,45	1	073981435
36	3,5	8,45	1	073981436
37	4,5	8,45	1	073981437
38	5	8,45	1	073981438
39	6	8,45	1	073981439
40	6,5	8,45	1	073981440
41	7	8,45	1	073981441
42	8	8,45	1	073981442
43	9	8,45	1	073981443
44	10	8,45	1	073981444
45	10,5	8,45	1	073981445
46	11	8,45	1	073981446
47	12	8,45	1	073981447
48	13	8,45	1	073981448

## 7398T

anatomically shaped underfoot covers WINTHERM insulation. 70% aluminized polyester, 30% polyethylene, bonded to non-woven synthetic fibres. Antistatic, breathable, rapidly absorbing, anti-odour, antibacterial, antifungicide.



WINTHERM

EU	UK	€	👤	📦
35	2,5	14,70	1	073981335
36	3,5	14,70	1	073981336
37	4,5	14,70	1	073981337
38	5	14,70	1	073981338
39	6	14,70	1	073981339
40	6,5	14,70	1	073981340
41	7	14,70	1	073981341
42	8	14,70	1	073981342
43	9	14,70	1	073981343
44	10	14,70	1	073981344
45	10,5	14,70	1	073981345
46	11	14,70	1	073981346
47	12	14,70	1	073981347
48	13	14,70	1	073981348

## 7398U

anatomically shaped underfoot covers made of TPR GEL with high cushioning effect, plantar arch support and heel pad



EU	UK	€	👤	📦
36 - 40	3,5 - 6,5	13,60	1	073980058
41 - 46	7 - 11	13,60	1	073980063

## 7398UP

anatomically shaped underfoot covers made of citrus-fragrant TPE GEL, with plantar arch support



EU	UK	€	👤	📦
36 - 40	3,5 - 6	12,40	1	073980076
41 - 46	7 - 11	12,40	1	073980081

## 7398GEL

anatomically shaped underfoot covers with gel insets



EU	UK	€	👤	📦
35	2,5	4,50	1	073980835
36	3,5	4,50	1	073980836
37	4,5	4,50	1	073980837
38	5	4,50	1	073980838
39	6	4,50	1	073980839
40	6,5	4,50	1	073980840
41	7	4,50	1	073980841
42	8	4,50	1	073980842
43	9	4,50	1	073980843
44	10	4,50	1	073980844
45	10,5	4,50	1	073980845
46	11	4,50	1	073980846
47	12	4,50	1	073980847
48	13	4,50	1	073980848



### 7398EF

anatomically shaped underfoot covers made of polyurethane foam, with cushioning heel lift



EU	UK	€	👤	🖨️
35	2,5	8,60	1	073981135
36	3,5	8,60	1	073981136
37	4,5	8,60	1	073981137
38	5	8,60	1	073981138
39	6	8,60	1	073981139
40	6,5	8,60	1	073981140
41	7	8,60	1	073981141
42	8	8,60	1	073981142
43	9	8,60	1	073981143
44	10	8,60	1	073981144
45	10,5	8,60	1	073981145
46	11	8,60	1	073981146
47	12	8,60	1	073981147
48	13	8,60	1	073981148

### 7399 A/N...

pack of 10 pairs of laces



cm	€	👤	🖨️
100	16,20	1	073990010
120	19,10	1	073990012
140	23,30	1	073990017

Prices refer to 10 pairs

### 7421

knee-length socks made from elastic compression terry, with nylon and cotton reinforcements on toe and heel areas  
Soles made from hard-wearing, antimycotic, breathable bamboo fibre



👤	EU	€	👤	🖨️
M	39-42	17,20	1	074210002
L	43-46	17,20	1	074210004

### 7423

elastic compression ankle-length socks with nylon and cotton reinforcements on toe and heel areas  
Soles made from hard-wearing, antimycotic, breathable bamboo fibre



👤	EU	€	👤	🖨️
M	39-42	11,10	1	074230002
L	43-46	11,10	1	074230004

### 7425

ankle-length socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas  
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



👤	EU	€	👤	🖨️
M	39-42	11,30	1	074250002
L	43-46	11,30	1	074250004

### 7427

maxi sneaker socks with protective, breathable inserts on shinbone and instep areas.  
Nylon and cotton reinforcements on toe and heel areas and soles made from hard-wearing, antimycotic, breathable fibre



👤	EU	€	👤	🖨️
M	39-42	9,55	1	074270002
L	43-46	9,55	1	074270004

### 7429

maxi sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas  
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



👤	EU	€	👤	🖨️
M	39-42	8,85	1	074290002
L	43-46	8,85	1	074290004

### 7431P

two pairs of sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre. One pair in black/orange colour and one pair in black/grey colour.



👤	EU	€	👤	🖨️
M	39-42	8,45	1	074310102
L	43-46	8,45	1	074310104



# WORKWEAR



Over the years the workwear line has gained confidence and popularity among the most demanding professionals. The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard: **EN ISO 13688:2013**

Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

## USE AND STORAGE INSTRUCTIONS

The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

## SHRINKAGE

All natural fibres shrink after being washed.

The degree of shrinkage may range from 1% to 5%, depending on several parameters, which include the type of fibres and the temperature of water.

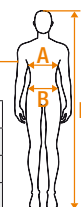
## SIZE CORRESPONDENCE

MEN'S CLOTHING	I F D E UK USA						WOMEN'S CLOTHING	I F D E UK USA					
	I	F	D	E	UK	USA		I	F	D	E	UK	USA
XS	46	38	42	40	30	32	XS	38	34	32	34	6	2
S	48	40	44	42	32	34	S	40	36	34	36	8	4
M	50	42	46	44	34	36	M	42	38	36	38	10	6
L	52	44	48	46	36	38	L	44	40	38	40	12	8
XL	54	46	50	48	38	40	XL	46	42	40	42	14	10
2XL	56	48	52	50	40	42	2XL	48	44	42	44	16	12
3XL	58	50	54	52	42	44	3XL	50	46	44	46	18	14
4XL	60	52	56	54	44	46							

## ANATOMICAL SIZES EN ISO 13688:2013

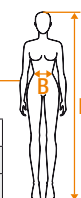
### MEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL	4XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206



### WOMEN'S CLOTHING

	XS	S	M	L	XL	2XL	3XL
B	72-77	77-82	82-87	87-93	93-99	99-105	105-111
H	162-165	164-167	168-171	170-173	172-175	174-177	176-179



## GUIDE TO CHOOSING CLOTHING – PRICE LIST 2023

Category	Line	Item Number	Page	Colour	Recommended combinations (same fabric and colour as trousers)										
					Bermuda shorts	Page	Bib and brace	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page	
WORK TROUSERS, LIGHTWEIGHT	Trekking	7610G	614		7611G	618									
		7610N	614												
	Top Line	7660B	614		7661B	618									
		7660G	614		7661G	618									
	Stretch	7830SN	616		7831SN	618									
	Beta Easy	7860G	616		7861G	619	7863G	619	7865G	620	7867G	622	7869G	621	
Cotton	7930G	617		7931G	619	7933G	620	7935G	620			7939G	621		
WORK TROUSERS, 4 SEASONS	Trekking	7600G	613												
		7600N	613												
	Top Line	7650	614										7653G	620	
		7650B	614												
		7818BL	615												
		7818CM	615		7815CM	618									
		7818G	615												
	Stretch	7830ST	616		7831ST	618									
	Beta Easy	7840BL	616										7849BL	620	
	Stretch	7880SC	616												
	Beta Easy		7900B	617										7909B	621
			7900G	617		7901G	619	7903G	619	7905G	620	7907G	622	7909G	621
			7900P	617				7903P	619			7907P	622	7909P	621
		7900V	617										7909V	621	
Multiprotection	7940	617										7949	621		
Lady	7818LN	615													

# PANTS



## 7527

work jeans,  
made from 70% cotton, 27% polyester and 3% stretch fabric  
Regular fit

CE

*Jeans*



	I	€	U	U
XS	46	54,50	1	075270046
S	48	54,50	1	075270048
M	50	54,50	1	075270050
L	52	54,50	1	075270052
XL	54	54,50	1	075270054
XXL	56	54,50	1	075270056
XXXL	58	54,50	1	075270058

## 7528

stretch work jeans trousers,  
98% cotton, 2% stretch fabric,  
slim fit

CE

*Jeans*



	I	€	U	U
XS	46	60,00	1	075280046
S	48	60,00	1	075280048
M	50	60,00	1	075280050
L	52	60,00	1	075280052
XL	54	60,00	1	075280054
XXL	56	60,00	1	075280056
XXXL	58	60,00	1	075280058

## 7530

stretch work jeans,  
98% cotton and 2% stretch fabric, with  
polyester reinforcements  
Slim fit

CE

*Jeans*



	I	€	U	U
XS	46	70,50	1	075300046
S	48	70,50	1	075300048
M	50	70,50	1	075300050
L	52	70,50	1	075300052
XL	54	70,50	1	075300054
XXL	56	70,50	1	075300056
XXXL	58	70,50	1	075300058

## 7600G

"work trekking" trousers, HEAVY,  
90% nylon, 10% stretch fabric, 265 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms with vertical zip closure  
Dark grey, with fluorescent green details  
Slim fit

CE

**TREKKING  
HEAVY**



	I	€	U	U
XS	46	73,50	1	076000000
S	48	73,50	1	076000001
M	50	73,50	1	076000002
L	52	73,50	1	076000003
XL	54	73,50	1	076000004
XXL	56	73,50	1	076000005
XXXL	58	73,50	1	076000006

## 7600N

"work trekking" trousers, HEAVY  
90% nylon, 10% stretch fabric, 265 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms with vertical zip closure  
Black with fluorescent green details  
Slim fit

CE

**TREKKING  
HEAVY**



	I	€	U	U
XS	46	73,50	1	076000100
S	48	73,50	1	076000101
M	50	73,50	1	076000102
L	52	73,50	1	076000103
XL	54	73,50	1	076000104
XXL	56	73,50	1	076000105
XXXL	58	73,50	1	076000106



## 7610G

"work trekking" trousers, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms and drawstring  
Dark grey with yellow details  
Slim fit

CE

TREKKING  
LIGHT



SIZE	I	€	W	ST
XS	46	71,50	1	076100000
S	48	71,50	1	076100001
M	50	71,50	1	076100002
L	52	71,50	1	076100003
XL	54	71,50	1	076100004
XXL	56	71,50	1	076100005
XXXL	58	71,50	1	076100006

## 7610N

"work trekking" trousers, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms and drawstring  
Black with yellow details  
Slim fit

CE

TREKKING  
LIGHT



SIZE	I	€	W	ST
XS	46	71,50	1	076100100
S	48	71,50	1	076100101
M	50	71,50	1	076100102
L	52	71,50	1	076100103
XL	54	71,50	1	076100104
XXL	56	71,50	1	076100105
XXXL	58	71,50	1	076100106

## 7650

stretch work trousers, multipocket style  
90% nylon - 10% spandex, 260 g/m<sup>2</sup>,  
anthracite grey  
Knee pad pockets, rear pockets and leg  
bottoms reinforced in polyester 600D,  
tearproof crotch

CE



TOP  
line



SIZE	I	€	W	ST
XS	46	93,00	1	076500000
S	48	93,00	1	076500001
M	50	93,00	1	076500002
L	52	93,00	1	076500003
XL	54	93,00	1	076500004
XXL	56	93,00	1	076500005
XXXL	60	93,00	1	076500006

## 7650B

stretch work trousers, multipocket style,  
90% nylon - 10% spandex, 260 g/m<sup>2</sup>, blue  
Knee pad pockets, rear pockets and leg  
bottoms reinforced in polyester 600D,  
tearproof crotch

CE



TOP  
line



SIZE	I	€	W	ST
XS	46	93,00	1	076500100
S	48	93,00	1	076500101
M	50	93,00	1	076500102
L	52	93,00	1	076500103
XL	54	93,00	1	076500104
XXL	56	93,00	1	076500105
XXXL	58	93,00	1	076500106

## 7660B

stretch work trousers, lightweight, multipocket  
style,  
86% nylon - 14% spandex, 140 g/m<sup>2</sup>, blue  
Knee pad pockets, rear pockets reinforced in  
polyester 300D, tearproof crotch  
Slim fit

CE



TOP  
line



SIZE	I	€	W	ST
XS	46	80,00	1	076600100
S	48	80,00	1	076600101
M	50	80,00	1	076600102
L	52	80,00	1	076600103
XL	54	80,00	1	076600104
XXL	56	80,00	1	076600105
XXXL	58	80,00	1	076600106

## 7660G

stretch work trousers, lightweight, multipocket  
style, 86% nylon - 14% spandex, 140 gm<sup>2</sup>,  
anthracite grey  
Knee pad pockets, rear pockets reinforced in  
polyester 300D, tearproof crotch  
Slim fit

CE



TOP  
line



SIZE	I	€	W	ST
XS	46	80,00	1	076600000
S	48	80,00	1	076600001
M	50	80,00	1	076600002
L	52	80,00	1	076600003
XL	54	80,00	1	076600004
XXL	56	80,00	1	076600005
XXXL	58	80,00	1	076600006

## 7818G

work trousers, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, grey  
Knee pad pockets and bottom legs reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements



Size	I	€	CE	SKU
XS	46	71,50	1	078180000
S	48	71,50	1	078180001
M	50	71,50	1	078180002
L	52	71,50	1	078180003
XL	54	71,50	1	078180004
XXL	56	71,50	1	078180005
XXXL	58	71,50	1	078180006



## 7818BL

work trousers, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, blue  
With stretch fabric insert in inside leg  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

CE



Size	I	€	CE	SKU
XS	46	71,50	1	078180100
S	48	71,50	1	078180101
M	50	71,50	1	078180102
L	52	71,50	1	078180103
XL	54	71,50	1	078180104
XXL	56	71,50	1	078180105
XXXL	58	71,50	1	078180106

## 7818CM

work trousers, multipocket style, made from T/C canvas, 260 g/m<sup>2</sup>, camouflage grey  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

CE



Size	I	€	CE	SKU
XS	46	75,50	1	078180300
S	48	75,50	1	078180301
M	50	75,50	1	078180302
L	52	75,50	1	078180303
XL	54	75,50	1	078180304
XXL	56	75,50	1	078180305
XXXL	58	75,50	1	078180306

## 7818LN

women's work trousers, multipocket style, black with pink details, 100% stretch cotton, 220 g/m<sup>2</sup>  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg for easier movements

CE

*lady*



Size	I	€	CE	SKU
XS	38	71,50	1	078180200
S	40	71,50	1	078180201
M	42	71,50	1	078180202
L	44	71,50	1	078180203
XL	46	71,50	1	078180204
XXL	48	71,50	1	078180205
XXXL	50	71,50	1	078180206

### 7830SN

stretch work trousers,  
in T/C twill, 200 g/m<sup>2</sup>, black  
Slim fit, tearproof crotch and stretch waistband  
on sides

CE



SIZE	I	€	CE	SKU
XS	46	63,50	1	078300100
S	48	63,50	1	078300101
M	50	63,50	1	078300102
L	52	63,50	1	078300103
XL	54	63,50	1	078300104
XXL	56	63,50	1	078300105
XXXL	58	63,50	1	078300106

### 7830ST

stretch work trousers,  
T/C twill, 250 g/m<sup>2</sup>, grey  
Slim fit, tearproof crotch and stretch waistband  
on sides

CE



SIZE	I	€	CE	SKU
XS	46	63,50	1	078300000
S	48	63,50	1	078300001
M	50	63,50	1	078300002
L	52	63,50	1	078300003
XL	54	63,50	1	078300004
XXL	56	63,50	1	078300005
XXXL	58	63,50	1	078300006

### 7860G

work trousers, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

Beta EASY



SIZE	I	€	CE	SKU
XS	46	52,50	1	078600800
S	48	52,50	1	078600801
M	50	52,50	1	078600802
L	52	52,50	1	078600803
XL	54	52,50	1	078600804
XXL	56	52,50	1	078600805
XXXL	58	52,50	1	078600806
XXXXL	60	52,50	1	078600807

### 7840BL

work trousers, T/C twill, 245 g/m<sup>2</sup>, blue  
Stretch waistband on sides

CE

Beta EASY



SIZE	I	€	CE	SKU
XS	46	41,00	1	078400100
S	48	41,00	1	078400101
M	50	41,00	1	078400102
L	52	41,00	1	078400103
XL	54	41,00	1	078400104
XXL	56	41,00	1	078400105
XXXL	58	41,00	1	078400106
XXXXL	60	41,00	1	078400107

CE



SIZE	I	€	CE	SKU
XS	46	64,50	1	078800000
S	48	64,50	1	078800001
M	50	64,50	1	078800002
L	52	64,50	1	078800003
XL	54	64,50	1	078800004
XXL	56	64,50	1	078800005
XXXL	58	64,50	1	078800006





## 7900B

work trousers,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
blue

CE

**BetaEASY**



	I	€	W	L
XS	46	58,00	1	079000700
S	48	58,00	1	079000701
M	50	58,00	1	079000702
L	52	58,00	1	079000703
XL	54	58,00	1	079000704
XXL	56	58,00	1	079000705
XXXL	58	58,00	1	079000706
XXXXL	60	58,00	1	079000707

## 7900G

work trousers,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

**BetaEASY**



	I	€	W	L
XS	46	58,00	1	079000800
S	48	58,00	1	079000801
M	50	58,00	1	079000802
L	52	58,00	1	079000803
XL	54	58,00	1	079000804
XXL	56	58,00	1	079000805
XXXL	58	58,00	1	079000806
XXXXL	60	58,00	1	079000807

## 7900P

work trousers,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
petrol blue

CE

**BetaEASY**



	I	€	W	L
XS	46	58,00	1	079000600
S	48	58,00	1	079000601
M	50	58,00	1	079000602
L	52	58,00	1	079000603
XL	54	58,00	1	079000604
XXL	56	58,00	1	079000605
XXXL	58	58,00	1	079000606
XXXXL	60	58,00	1	079000607

## 7900V

work trousers,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
green

CE

**BetaEASY**



	I	€	W	L
XS	46	58,00	1	079000500
S	48	58,00	1	079000501
M	50	58,00	1	079000502
L	52	58,00	1	079000503
XL	54	58,00	1	079000504
XXL	56	58,00	1	079000505
XXXL	58	58,00	1	079000506
XXXXL	60	58,00	1	079000507

## 7930G

work trousers,  
97% cotton, 3% stretch fabric, 220 g/m<sup>2</sup>  
Slim fit

CE

*Cotton*



	I	€	W	L
XS	46	63,50	1	079300300
S	48	63,50	1	079300301
M	50	63,50	1	079300302
L	52	63,50	1	079300303
XL	54	63,50	1	079300304
XXL	56	63,50	1	079300305
XXXL	58	63,50	1	079300306

## 7940

multi-protection work trousers  
T/C twill, 250 g/m<sup>2</sup>, blue,  
for protection from heat, flames, electric arc  
effects, welding hazards and chemicals.

CE



7949



621

DPI: III<sup>A</sup> Categoria  
EN ISO 11611:2015 - Classe 1  
EN ISO 11612:2015 - A1 B1 C1  
EN 1149-5:2018  
EN13034:2005+A1:2009 - Type 6  
IEC 61482-2:2018 - APC 1

	I	€	W	L
XS	46	85,00	1	079400000
S	48	85,00	1	079400001
M	50	85,00	1	079400002
L	52	85,00	1	079400003
XL	54	85,00	1	079400004
XXL	56	85,00	1	079400005
XXXL	58	85,00	1	079400006
XXXXL	60	85,00	1	079400007

# BERMUDA



## 7529

stretch work jeans bermuda shorts,  
98% cotton, 2% stretch fabric,  
slim fit

CE

Jeans



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	48,00	1	075290046
S	48	48,00	1	075290048
M	50	48,00	1	075290050
L	52	48,00	1	075290052
XL	54	48,00	1	075290054
XXL	56	48,00	1	075290056
XXXL	58	48,00	1	075290058

## 7611G

"work trekking" Bermuda shorts, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on back.  
Dark grey with yellow details  
Slim fit

CE

TREKKING LIGHT



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	54,50	1	076110000
S	48	54,50	1	076110001
M	50	54,50	1	076110002
L	52	54,50	1	076110003
XL	54	54,50	1	076110004
XXL	56	54,50	1	076110005
XXXL	58	54,50	1	076110006

## 7661B

stretch work Bermuda shorts, lightweight,  
multipocket style,  
86% nylon - 14% spandex, 140 g/m<sup>2</sup>, blue  
Rear pockets reinforced in polyester 300D,  
tearproof crotch  
Slim fit

CE



TOP LINE



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	69,50	1	076610100
S	48	69,50	1	076610101
M	50	69,50	1	076610102
L	52	69,50	1	076610103
XL	54	69,50	1	076610104
XXL	56	69,50	1	076610105
XXXL	58	69,50	1	076610106

## 7661G

stretch work Bermuda shorts, lightweight,  
multipocket style,  
86% nylon - 14% spandex, 140 g/m<sup>2</sup>,  
anthracite grey  
Rear pockets reinforced in polyester 300D,  
tearproof crotch  
Slim fit

CE



TOP LINE



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	69,50	1	076610000
S	48	69,50	1	076610001
M	50	69,50	1	076610002
L	52	69,50	1	076610003
XL	54	69,50	1	076610004
XXL	56	69,50	1	076610005
XXXL	58	69,50	1	076610006

Beta

## 7815CM

work Bermuda shorts, multipocket style, made  
from T/C canvas, 260 g/m<sup>2</sup>, camouflage grey,  
tearproof crotch and stretch fabric inserts  
in inside leg and in lumbar region for easier  
movements

CE



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	59,00	1	078150300
S	48	59,00	1	078150301
M	50	59,00	1	078150302
L	52	59,00	1	078150303
XL	54	59,00	1	078150304
XXL	56	59,00	1	078150305
XXXL	58	59,00	1	078150306

## 7831SN

stretch Bermuda shorts,  
in T/C twill, 200 g/m<sup>2</sup>, black  
Slim fit, tearproof crotch and stretch waistband  
on sides

CE



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	48,50	1	078310100
S	48	48,50	1	078310101
M	50	48,50	1	078310102
L	52	48,50	1	078310103
XL	54	48,50	1	078310104
XXL	56	48,50	1	078310105
XXXL	58	48,50	1	078310106

## 7831ST

stretch work Bermuda shorts,  
T/C twill, 250 g/m<sup>2</sup>, grey  
Slim fit, tearproof crotch and stretch waistband  
on sides

CE



BERMUDA	I	€	STRETCH	TOP LINE
XS	46	48,50	1	078310000
S	48	48,50	1	078310001
M	50	48,50	1	078310002
L	52	48,50	1	078310003
XL	54	48,50	1	078310004
XXL	56	48,50	1	078310005
XXXL	58	48,50	1	078310006

### 7861G

work Bermuda shorts, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

**BetaEASY**

CE **LIGHT**



	I	€		
XS	46	44,00	1	078610800
S	48	44,00	1	078610801
M	50	44,00	1	078610802
L	52	44,00	1	078610803
XL	54	44,00	1	078610804
XXL	56	44,00	1	078610805
XXXL	58	44,00	1	078610806
XXXXL	60	44,00	1	078610807

### 7901G

work Bermuda shorts,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

**BetaEASY**

CE



	I	€		
XS	46	47,50	1	079010800
S	48	47,50	1	079010801
M	50	47,50	1	079010802
L	52	47,50	1	079010803
XL	54	47,50	1	079010804
XXL	56	47,50	1	079010805
XXXL	58	47,50	1	079010806
XXXXL	60	47,50	1	079010807

### 7931G

work Bermuda shorts,  
100% stretch cotton, 220 g/m<sup>2</sup>  
Slim fit

CE **Cotton**



	I	€		
XS	46	48,50	1	079310300
S	48	48,50	1	079310301
M	50	48,50	1	079310302
L	52	48,50	1	079310303
XL	54	48,50	1	079310304
XXL	56	48,50	1	079310305
XXXL	58	48,50	1	079310306

# OVERALLS



### 7863G

work bib and brace overalls, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

**BetaEASY**

CE **LIGHT**



	I	€		
XS	46	64,50	1	078630800
S	48	64,50	1	078630801
M	50	64,50	1	078630802
L	52	64,50	1	078630803
XL	54	64,50	1	078630804
XXL	56	64,50	1	078630805
XXXL	58	64,50	1	078630806
XXXXL	60	64,50	1	078630807

### 7903G

work bib and brace overalls,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

**BetaEASY**



	I	€		
XS	46	73,00	1	079030800
S	48	73,00	1	079030801
M	50	73,00	1	079030802
L	52	73,00	1	079030803
XL	54	73,00	1	079030804
XXL	56	73,00	1	079030805
XXXL	58	73,00	1	079030806
XXXXL	60	73,00	1	079030807

### 7903P

work bib and brace overalls,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
petrol blue

CE

**BetaEASY**



	I	€		
XS	46	73,00	1	079030600
S	48	73,00	1	079030601
M	50	73,00	1	079030602
L	52	73,00	1	079030603
XL	54	73,00	1	079030604
XXL	56	73,00	1	079030605
XXXL	58	73,00	1	079030606
XXXXL	60	73,00	1	079030607



### 7933G

work overalls,  
100% stretch cotton, 220 g/m<sup>2</sup>  
Slim fit



SIZE	€	SKU
XS	79,00	1 079330300
S	79,00	1 079330301
M	79,00	1 079330302
L	79,00	1 079330303
XL	79,00	1 079330304
XXL	79,00	1 079330305
XXXL	79,00	1 079330306

### 7865G

work overalls, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit



SIZE	€	SKU
XS	84,00	1 078650800
S	84,00	1 078650801
M	84,00	1 078650802
L	84,00	1 078650803
XL	84,00	1 078650804
XXL	84,00	1 078650805
XXXL	84,00	1 078650806
XXXXL	84,00	1 078650807

### 7905G

work overalls  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit



SIZE	€	SKU
XS	91,00	1 079050800
S	91,00	1 079050801
M	91,00	1 079050802
L	91,00	1 079050803
XL	91,00	1 079050804
XXL	91,00	1 079050805
XXXL	91,00	1 079050806
XXXXL	91,00	1 079050807

### 7935G

work overalls,  
100% stretch cotton, 220 g/m<sup>2</sup>  
Slim fit



SIZE	€	SKU
XS	106,00	1 079350300
S	106,00	1 079350301
M	106,00	1 079350302
L	106,00	1 079350303
XL	106,00	1 079350304
XXL	106,00	1 079350305
XXXL	106,00	1 079350306

# WORK JACKETS



### 7653G

stretch work jacket, multipocket style,  
90% nylon -10% spandex, 260 g/m<sup>2</sup>,  
anthracite grey



SIZE	€	SKU
XS	93,50	1 076530000
S	93,50	1 076530001
M	93,50	1 076530002
L	93,50	1 076530003
XL	93,50	1 076530004
XXL	93,50	1 076530005
XXXL	93,50	1 076530006

### 7849BL

work jacket, T/C twill, 245 g/m<sup>2</sup>, blue  
Stretch waistband



SIZE	€	SKU
XS	44,00	1 078490100
S	44,00	1 078490101
M	44,00	1 078490102
L	44,00	1 078490103
XL	44,00	1 078490104
XXL	44,00	1 078490105
XXXL	44,00	1 078490106
XXXXL	44,00	1 078490107

## 7869G

work jacket, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

**BetaEASY**

LIGHT



	€		
XS	57,00	1	078690800
S	57,00	1	078690801
M	57,00	1	078690802
L	57,00	1	078690803
XL	57,00	1	078690804
XXL	57,00	1	078690805
XXXL	57,00	1	078690806
XXXXL	57,00	1	078690807

## 7909G

work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

**BetaEASY**



	€		
XS	64,50	1	079090800
S	64,50	1	079090801
M	64,50	1	079090802
L	64,50	1	079090803
XL	64,50	1	079090804
XXL	64,50	1	079090805
XXXL	64,50	1	079090806
XXXXL	64,50	1	079090807

## 7939G

work jacket,  
100% stretch cotton, 220 g/m<sup>2</sup>  
Slim fit

CE

Cotton



	€		
XS	68,50	1	079390300
S	68,50	1	079390301
M	68,50	1	079390302
L	68,50	1	079390303
XL	68,50	1	079390304
XXL	68,50	1	079390305
XXXL	68,50	1	079390306

## 7909B

work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
blue

CE

**BetaEASY**



	€		
XS	64,50	1	079090700
S	64,50	1	079090701
M	64,50	1	079090702
L	64,50	1	079090703
XL	64,50	1	079090704
XXL	64,50	1	079090705
XXXL	64,50	1	079090706
XXXXL	64,50	1	079090707

## 7909P

work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
petrol blue

CE

**BetaEASY**



	€		
XS	64,50	1	079090600
S	64,50	1	079090601
M	64,50	1	079090602
L	64,50	1	079090603
XL	64,50	1	079090604
XXL	64,50	1	079090605
XXXL	64,50	1	079090606
XXXXL	64,50	1	079090607

## 7949

multi-protection work jacket,  
T/C twill 250 g/m<sup>2</sup>, blue,  
for protection from heat, flames, electric arc  
effects, welding hazards and chemicals.

CE

DPI: III\* Categoria  
EN ISO 11611:2015 - Classe 1  
EN ISO 11612:2015 - A1 B1 C1  
EN 1149-5:2018  
EN 13034:2005+A1:2009 - Type 6  
IEC 61482-2:2018 - APC 1



	€		
XS	98,00	1	079490000
S	98,00	1	079490001
M	98,00	1	079490002
L	98,00	1	079490003
XL	98,00	1	079490004
XXL	98,00	1	079490005
XXXL	98,00	1	079490006
XXXXL	98,00	1	079490007

## 7909V

work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
green

CE

**BetaEASY**



	€		
XS	64,50	1	079090500
S	64,50	1	079090501
M	64,50	1	079090502
L	64,50	1	079090503
XL	64,50	1	079090504
XXL	64,50	1	079090505
XXXL	64,50	1	079090506
XXXXL	64,50	1	079090507

**Beta**

**Beta**



# SLEEVELESS JACKETS



## 7575N

sleeveless softshell jacket,  
90% nylon, 10% stretch fabric, 250 g/m<sup>2</sup>



SIZE	€	TOP LINE	CE
S	86,00	1 075750301	
M	86,00	1 075750302	
L	86,00	1 075750303	
XL	86,00	1 075750304	
XXL	86,00	1 075750305	
XXXL	86,00	1 075750306	

## 7579QN

sleeveless work jacket, multipocket style,  
made from double material.  
100% waterproof nylon 300D and softshell  
fabric, 96% polyester, 4% spandex, polyester-  
padded, 160 g/m<sup>2</sup>  
black/anthracite grey

CE



SIZE	€	TOP LINE	CE
S	74,00	1 075790201	
M	74,00	1 075790202	
L	74,00	1 075790203	
XL	74,00	1 075790204	
XXL	74,00	1 075790205	
XXXL	74,00	1 075790206	

# Beta

## 7673NG

sleeveless work jacket with GRAPHENE  
padding, 80 g/m<sup>2</sup>,  
front reinforced in softshell fabric - 96%  
polyester, 4% spandex; back made of 100%  
nylon 20D  
anthracite grey (front), black (back)  
Stretch insert on armhole  
Antistatic, antibacterial, windproof

CE

TOP  
LINE



SIZE	€	TOP LINE	CE
S	94,50	1 076730001	
M	94,50	1 076730002	
L	94,50	1 076730003	
XL	94,50	1 076730004	
XXL	94,50	1 076730005	
XXXL	94,50	1 076730006	

## 7867G

sleeveless work jacket, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

LIGHT

Beta EASY



SIZE	€	TOP LINE	CE
XS	49,00	1 078670800	
S	49,00	1 078670801	
M	49,00	1 078670802	
L	49,00	1 078670803	
XL	49,00	1 078670804	
XXL	49,00	1 078670805	
XXXL	49,00	1 078670806	
XXXXL	49,00	1 078670807	

## 7907G

sleeveless work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

Beta EASY



SIZE	€	TOP LINE	CE
XS	54,00	1 079070800	
S	54,00	1 079070801	
M	54,00	1 079070802	
L	54,00	1 079070803	
XL	54,00	1 079070804	
XXL	54,00	1 079070805	
XXXL	54,00	1 079070806	
XXXXL	54,00	1 079070807	

## 7907P

sleeveless work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
petrol blue

CE

Beta EASY

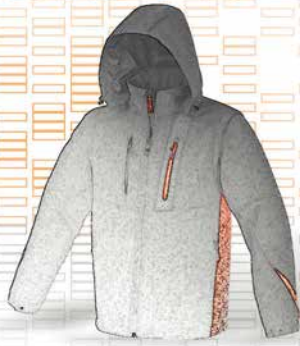


SIZE	€	TOP LINE	CE
XS	54,00	1 079070600	
S	54,00	1 079070601	
M	54,00	1 079070602	
L	54,00	1 079070603	
XL	54,00	1 079070604	
XXL	54,00	1 079070605	
XXXL	54,00	1 079070606	
XXXXL	54,00	1 079070607	

# Beta



# JACKETS



## 7658CM

softshell jacket, 94% polyester, 6% spandex, 290 g/m<sup>2</sup>, camouflage grey  
With waterproof, windproof, breathable TPU membrane  
(resistance to water columns up to 8,000 mm - breathability 8,000 mvp)

TOP line



	€		
S	117,50	1	076580101
M	117,50	1	076580102
L	117,50	1	076580103
XL	117,50	1	076580104
XXL	117,50	1	076580105
XXXL	117,50	1	076580106

## 7658N

softshell jacket, 94% polyester, 6% spandex, 290 g/m<sup>2</sup>, anthracite grey  
With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)

TOP line



	€		
S	105,50	1	076580001
M	105,50	1	076580002
L	105,50	1	076580003
XL	105,50	1	076580004
XXL	105,50	1	076580005
XXXL	105,50	1	076580006

## 7659N

softshell jacket, 94% polyester, 6% spandex, 290 g/m<sup>2</sup>, with detachable hood and sleeves, black With waterproof, windproof, breathable TPU membrane (resistance to water columns up to 8,000 mm - breathability 8,000 mvp)

TOP line



	€		
S	151,00	1	076590001
M	151,00	1	076590002
L	151,00	1	076590003
XL	151,00	1	076590004
XXL	151,00	1	076590005
XXXL	151,00	1	076590006

## 7669N

stretch work jacket, lightweight, multipocket style, 86% nylon, 14% spandex, 140 g-m2, black  
With detachable sleeves and retractable hood.  
Water-resistant, wind-stopping

4-WAY STRETCH

TOP line



	€		
XS	105,50	1	076690000
S	105,50	1	076690001
M	105,50	1	076690002
L	105,50	1	076690003
XL	105,50	1	076690004
XXL	105,50	1	076690005
XXXL	105,50	1	076690006

Beta

## 7670G

Anorak jacket made of Oxford polyester 300D, waterproof, PU-coated, anthracite grey  
With detachable hood and reinforced sleeves.  
Waterproof, windproof and breathable  
(resistance to water columns up to 2,000 mm - breathability 2,000 mvp)  
Polyester 210T lining, polyester padding, 120 g/m<sup>2</sup> body, 100 g/m<sup>2</sup> sleeves

TOP line



	€		
S	105,50	1	076700001
M	105,50	1	076700002
L	105,50	1	076700003
XL	105,50	1	076700004
XXL	105,50	1	076700005
XXXL	105,50	1	076700006

## 7674NG

work quilted jacket with GRAPHENE padding, 80 g/m<sup>2</sup>,  
front and forearms reinforced in softshell fabric - 96% polyester, 4% spandex, back and sleeves made of 100% nylon 20D  
anthracite grey (front), black (back)  
stretch cuffs  
Antistatic, antibacterial, windproof

TOP line



	€		
S	117,50	1	076740001
M	117,50	1	076740002
L	117,50	1	076740003
XL	117,50	1	076740004
XXL	117,50	1	076740005
XXXL	117,50	1	076740006

Beta

## 7780QN

work bomber jacket, multipocket style, made from double material.  
100% waterproof nylon 300D and softshell fabric, 96% polyester, 4% spandex, polyester padding, 160 g/m<sup>2</sup>  
with fixed hood  
black/anthracite grey

CE



	€		
S	125,50	1	077800201
M	125,50	1	077800202
L	125,50	1	077800203
XL	125,50	1	077800204
XXL	125,50	1	077800205
XXXL	125,50	1	077800206

## 7904N

work bomber jacket, padded, made of T/C canvas, 270 g/m<sup>2</sup>, "Oxford" inserts, black  
Polyester padding, 140 g/m<sup>2</sup>

CE

**Beta** EASY



	€		
XS	113,00	1	079040800
S	113,00	1	079040801
M	113,00	1	079040802
L	113,00	1	079040803
XL	113,00	1	079040804
XXL	113,00	1	079040805
XXXL	113,00	1	079040806
XXXXL	113,00	1	079040807

# FLEECE



## 7637G

technical sweatshirt, long-zipped, 250 g/m<sup>2</sup>, with hood fleece, 100% polyester, with inserts made from softshell fabric 100D, with bound fleece, 270 g/m<sup>2</sup>  
melange grey/black



	€		
XS	83,50	1	076370000
S	83,50	1	076370001
M	83,50	1	076370002
L	83,50	1	076370003
XL	83,50	1	076370004
XXL	83,50	1	076370005
XXXL	83,50	1	076370006

## 7635N

microfleece sweater, short-zipped, 180 g/m<sup>2</sup>  
black



	€		
XS	34,00	1	076350500
S	34,00	1	076350501
M	34,00	1	076350502
L	34,00	1	076350503
XL	34,00	1	076350504
XXL	34,00	1	076350505
XXXL	34,00	1	076350506

## 7654B

stretch microfleece sweater, short-zipped, 180 g/m<sup>2</sup>, blue  
95% polyester, 5% spandex



TOP line



	€		
XS	45,00	1	076540100
S	45,00	1	076540101
M	45,00	1	076540102
L	45,00	1	076540103
XL	45,00	1	076540104
XXL	45,00	1	076540105
XXXL	45,00	1	076540106

## 7654N

stretch microfleece sweater, short-zipped, 180 g/m<sup>2</sup>, black  
95% polyester, 5% spandex



TOP line



	€		
XS	45,00	1	076540000
S	45,00	1	076540001
M	45,00	1	076540002
L	45,00	1	076540003
XL	45,00	1	076540004
XXL	45,00	1	076540005
XXXL	45,00	1	076540006

## 7657B

stretch fleece sweater, long-zipped, 280 g/m<sup>2</sup>, blue  
95% polyester, 5% spandex



TOP line



	€		
XS	57,00	1	076570100
S	57,00	1	076570101
M	57,00	1	076570102
L	57,00	1	076570103
XL	57,00	1	076570104
XXL	57,00	1	076570105
XXXL	57,00	1	076570106

**Beta**



### 7657N

stretch fleece sweater, long-zipped, 280 g/m<sup>2</sup>, black  
95% polyester, 5% spandex



TOP  
line



	€		
XS	57,00	1	076570000
S	57,00	1	076570001
M	57,00	1	076570002
L	57,00	1	076570003
XL	57,00	1	076570004
XXL	57,00	1	076570005
XXXL	57,00	1	076570006

### 7664G

sweatshirt, long-zipped, 280 g/m<sup>2</sup>, grey  
60% cotton, 40% polyester

TOP  
line



	€		
XS	52,00	1	076640100
S	52,00	1	076640101
M	52,00	1	076640102
L	52,00	1	076640103
XL	52,00	1	076640104
XXL	52,00	1	076640105
XXXL	52,00	1	076640106

### 7664N

sweatshirt, long-zipped, 280 g/m<sup>2</sup>, black  
60% cotton, 40% polyester

TOP  
line



	€		
XS	52,00	1	076640000
S	52,00	1	076640001
M	52,00	1	076640002
L	52,00	1	076640003
XL	52,00	1	076640004
XXL	52,00	1	076640005
XXXL	52,00	1	076640006

### 7665G

hoodie, long-zipped, 280 g/m<sup>2</sup>, grey  
60% cotton, 40% polyester

TOP  
line



	€		
XS	56,00	1	076650100
S	56,00	1	076650101
M	56,00	1	076650102
L	56,00	1	076650103
XL	56,00	1	076650104
XXL	56,00	1	076650105
XXXL	56,00	1	076650106

### 7665N

hoodie, long-zipped, 280 g/m<sup>2</sup>, black  
60% cotton, 40% polyester

TOP  
line



	€		
XS	56,00	1	076650000
S	56,00	1	076650001
M	56,00	1	076650002
L	56,00	1	076650003
XL	56,00	1	076650004
XXL	56,00	1	076650005
XXXL	56,00	1	076650006



# SHIRT & T-SHIRT

### 7545F

flannel check work shirt,  
made from 100% cotton, 190 g/m<sup>2</sup>



	€		
XS	40,00	1	075450200
S	40,00	1	075450201
M	40,00	1	075450202
L	40,00	1	075450203
XL	40,00	1	075450204
XXL	40,00	1	075450205
XXXL	40,00	1	075450206

### 7547AZ

three-button polo shirt,  
100% cotton, 200 g/m<sup>2</sup>, light blue



	€		
XS	29,00	2	075470500
S	29,00	2	075470501
M	29,00	2	075470502
L	29,50	2	075470503
XL	29,00	2	075470504
XXL	29,00	2	075470505
XXXL	29,00	2	075470506

### 7547BL

three-button polo shirt,  
100% cotton, 200 g/m<sup>2</sup>, blue



	€		
XS	29,00	2	075470200
S	29,00	2	075470201
M	29,00	2	075470202
L	29,00	2	075470203
XL	29,00	2	075470204
XXL	29,00	2	075470205
XXXL	29,00	2	075470206



**7547G**

three-button polo shirt,  
100% cotton, 200 g/m<sup>2</sup>, grey



	€	👤	📄
XS	29,00	2	075470300
S	29,00	2	075470301
M	29,00	2	075470302
L	29,00	2	075470303
XL	29,00	2	075470304
XXL	29,00	2	075470305
XXXL	29,00	2	075470306

**7547N**

three-button polo shirt,  
100% cotton, 200 g/m<sup>2</sup>, black



	€	👤	📄
XS	29,00	2	075470400
S	29,00	2	075470401
M	29,00	2	075470402
L	29,00	2	075470403
XL	29,00	2	075470404
XXL	29,00	2	075470405
XXXL	29,00	2	075470406

**7547R**

three-button polo shirt,  
100% cotton, 200 g/m<sup>2</sup>, red



	€	👤	📄
XS	29,00	2	075470600
S	29,00	2	075470601
M	29,00	2	075470602
L	29,00	2	075470603
XL	29,00	2	075470604
XXL	29,00	2	075470605
XXXL	29,00	2	075470606

**7549AZ**

work t-shirt, 100% cotton, 150 g/m<sup>2</sup>, light blue



	€	👤	📄
XS	18,90	5	075490500
S	18,90	5	075490501
M	18,90	5	075490502
L	18,90	5	075490503
XL	18,90	5	075490504
XXL	18,90	5	075490505
XXXL	18,90	5	075490506

**7549BL**

work t-shirt, 100% cotton, 150 g/m<sup>2</sup>, blue



	€	👤	📄
XS	18,90	5	075490200
S	18,90	5	075490201
M	18,90	5	075490202
L	18,90	5	075490203
XL	18,90	5	075490204
XXL	18,90	5	075490205
XXXL	18,90	5	075490206

**7549G**

work t-shirt, 100% cotton, 150 g/m<sup>2</sup>, grey



	€	👤	📄
XS	18,90	5	075490300
S	18,90	5	075490301
M	18,90	5	075490302
L	18,90	5	075490303
XL	18,90	5	075490304
XXL	18,90	5	075490305
XXXL	18,90	5	075490306

**7549NE**

work t-shirt, made from 100% cotton,  
150 g/m<sup>2</sup>, black



	€	👤	📄
XS	18,90	5	075490700
S	18,90	5	075490701
M	18,90	5	075490702
L	18,90	5	075490703
XL	18,90	5	075490704
XXL	18,90	5	075490705
XXXL	18,90	5	075490706

**7549N**

work t-shirt, 100% cotton, 150 g/m<sup>2</sup>, black



	€	👤	📄
XS	18,90	5	075490400
S	18,90	5	075490401
M	18,90	5	075490402
L	18,90	5	075490403
XL	18,90	5	075490404
XXL	18,90	5	075490405
XXXL	18,90	5	075490406

**7549R**

work t-shirt, 100% cotton, 150 g/m<sup>2</sup>, red



	€	👤	📄
XS	18,90	5	075490600
S	18,90	5	075490601
M	18,90	5	075490602
L	18,90	5	075490603
XL	18,90	5	075490604
XXL	18,90	5	075490605
XXXL	18,90	5	075490606

### 7550G

technical work t-shirt, made from polyester, 120 g/m<sup>2</sup>, with 37.5° technology, grey with black, orange and reflex details



	€		
XS	40,50	1	075500400
S	40,50	1	075500401
M	40,50	1	075500402
L	40,50	1	075500403
XL	40,50	1	075500404
XXL	40,50	1	075500405
XXXL	40,50	1	075500406

### 7550N

technical work t-shirt, made from polyester, 120 g/m<sup>2</sup> with 37.5° technology, black with grey, orange and reflex details



	€		
XS	40,50	1	075500500
S	40,50	1	075500501
M	40,50	1	075500502
L	40,50	1	075500503
XL	40,50	1	075500504
XXL	40,50	1	075500505
XXXL	40,50	1	075500506

### 7557BL

three-button polo shirt, long-sleeved, 100% cotton, 200 g/m<sup>2</sup>, blue



	€		
XS	34,50	1	075570200
S	34,50	1	075570201
M	34,50	1	075570202
L	34,50	1	075570203
XL	34,50	1	075570204
XXL	34,50	1	075570205
XXXL	34,50	1	075570206

# RAIN

### 7970

waterproof trousers in PVC Tricot, blue

CE



EN 343

	€		
XS	44,00	1	079700000
S	44,00	1	079700001
M	44,00	1	079700002
L	44,00	1	079700003
XL	44,00	1	079700004
XXL	44,00	1	079700005
XXXL	44,00	1	079700006

### 7971L

waterproof trousers, made of PVC-coated polyester, with thermo-taped seams, blue  
With elastic waistband and adjustable press-stud leg bottom

CE



EN 343

	€		
XS	24,50	1	079710100
S	24,50	1	079710101
M	24,50	1	079710102
L	24,50	1	079710103
XL	24,50	1	079710104
XXL	24,50	1	079710105
XXXL	24,50	1	079710106

### 7978L

waterproof full-length jacket, made of PVC-coated polyester, with fixed hood and thermo-taped seams, blue  
Fitted with press studs for use as a 3/4 length jacket

CE



EN 343

	€		
XS	34,00	1	079780100
S	34,00	1	079780101
M	34,00	1	079780102
L	34,00	1	079780103
XL	34,00	1	079780104
XXL	34,00	1	079780105
XXXL	34,00	1	079780106



## 7979

waterproof jacket in PVC Tricot, blue

CE



EN 343

	€		
S	71,50	1	079790001
M	71,50	1	079790002
L	71,50	1	079790003
XL	71,50	1	079790004
XXL	71,50	1	079790005
XXXL	71,50	1	079790006

## UNDERWEAR

### 7996N

technical underwear set - technical undershirt, long-sleeved + technical underpants, 92% polyester, 8% spandex, 160 g/m<sup>2</sup>, black



	€		
XS-S	41,00	1	079960000
M-L	41,00	1	079960002
XL-XXL	41,00	1	079960004

## ACCESSORIES

### 7800G

work knee pads pair



	€		
7800G	14,50	1	078000500

### 7980N

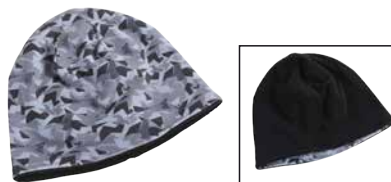
rainproof cap  
100% PU-coated polyester  
with water-repellent treatment



	€		
L = Ø 58 cm	12,30	1	079800058
XL = Ø 60 cm	12,30	1	079800060

### 7980NC

fleece winter cap, 100% polyester, reversible (double-faced), camouflage black



	€		
7980NC	12,80	10	079800112

### 7980R

cuffed winter cap, 100% acrylic, 3M Thinsulate™ padding, black



	€		
7980R	10,90	10	079800111

### 7984EG

stretch fabric work belt with satin-finished zinc metal hook buckle, one size; length: 120 cm, can be shortened; width: 37 mm, grey



	€		
7984EG	24,90	1	079840520

### 7984G

work belt, 100% TPE, with chrome-plated zinc metal buckle  
one size fits all; length: 125 cm, can be shortened; width: 35 mm, black



	€		
7984G	17,10	1	079840525

### 7985

neck warmer made of microfleece, with adjuster, black  
can also be used as a cap



	€		
7985	12,90	10	079850111

### 7104 90

plastic posts with fillable bases



	H mm	€		
7104 90	90	26,50	4	071040004

### 7105 6

plastic barrier chain



	Ø mm	L m	€		
7105 6	6	25	63,50	1	071050006



### 7109A

aluminium warning signs



	H mm	€	📄	🖨️
7109A1	140	11,10	1	071090001
7109A2	140	11,10	1	071090002
7109A3	140	11,10	1	071090003
7109A4	140	11,10	1	071090004

### 7109D

prohibition signs



	H mm	€	📄	🖨️
7109D1	115	11,10	1	071090051
7109D2	115	11,10	1	071090052
7109D3	115	11,10	1	071090053

### 7195A

dust mask

CE



7195A	€ 6,45	📄 10	🖨️ 071950004
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### 7061TC

safety glasses with clear polycarbonate lenses

CE

EASY



EN166:2001  
EN170  
2C-1.2 1F

7061TC	€ 9,35	📄 1	🖨️ 070610001
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### 7076BC

safety glasses with clear polycarbonate lenses

CE

SPORT



EN166:2001  
EN172  
5-1.7 1F

7076BC	€ 21,40	📄 1	🖨️ 070760009
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### 7076BD

safety glasses with polycarbonate lenses

CE

SPORT



EN166:2001  
EN172  
5-3.1 1F

7076BD	€ 21,40	📄 1	🖨️ 070760019
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### 7076BP

safety glasses with polarized polycarbonate lenses

CE

SPORT



EN ISO 12312-1:2013+A1:2015  
EN 1836  
3P

7076BP	€ 34,00	📄 1	🖨️ 070760029
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### 7076BU

safety glasses with orange polycarbonate lenses

CE



EN ISO 12311:2013  
UV 500

7076BU	€ 17,50	📄 1	🖨️ 070760039
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### 7093BC

safety glasses with clear polycarbonate lenses

CE

IMPACT



EN166:2001  
EN170  
2C-1.2 1F

7093BC	€ 32,00	📄 1	🖨️ 070930009
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### 7093BD

safety glasses with dark polycarbonate lenses

CE

IMPACT



EN166:2001  
EN172  
5-3.1 1F

7093BD	€ 32,00	📄 1	🖨️ 070930019
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### C62M/W

mannequin



185  
cm

65 cm

C62M/W	€ 534,00	📄 1	🖨️ 062000360
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### 6200M/B

spare glass bases for mannequins C62M/W



6200M/B	€ 79,50	📄 1	🖨️ 062000361
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### C64

wall display for clothing and footwear, empty



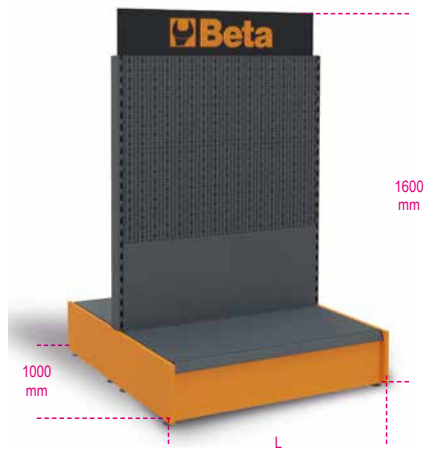
2400  
mm

560  
mm

L	€	📄	🖨️
1 m	1.390,00	1	064000021
2 m	2.510,00	1	064000022
3 m	3.640,00	1	064000023
4 m	4.770,00	1	064000024

## C64G

"gondola" display for clothing and footwear, empty



L	€	Icon	Code
1 m	1.705,00	1	064000051
2 m	3.090,00	1	064000052

## C64CW

dressing room



C64CW	€	Icon	Code
	595,00	1	064000610

## 6200AP/S10

set of 10 hangers



6200AP/S10	€	Icon	Code
	43,00	1	062000331

## 6800BA



6800BA	€	Icon	Code
	123,50	1	068000130

## 6800RS



6800RS	€	Icon	Code
	106,50	1	068000135

## 6888GS

footwear hook for display C64



6888GS	€	Icon	Code
	26,50	2	068880122

170x120 mm

## 6888GW

hook for display C64



6888GW	€	Icon	Code
	6,90	2	068880121

400 mm

## 9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



9562TB	L mm	H mm	€	Icon	Code
	800	600	48,50	1	095620500

## 9565S

sheet steel drum with seat made of removable imitation leather



9565S	H cm	ø cm	€	Icon	Code
	60	38	214,50	2	095650300

# Beta





# Robur

Since 1930 Robur has been manufacturing accessory lines for cables according to the acknowledged quality standards of Beta Utensili, whose products are complementary to those of Robur.

Expertise, organization and technology are the key ingredients of ongoing growth resulting from awareness of market requirements.

Since 1984 Robur has been headquartered in a state-of-the-art production facility in Sulmona.



**special free service boxes**

## MAXIMUM WORKING LOAD

**WLL:** working load limit (for lifting accessories)

**WFL:** workforce limit (for accessories other than lifting accessories)

**BF:** maximum force achieved by the item during the static traction test

**LC:** lashing capacity

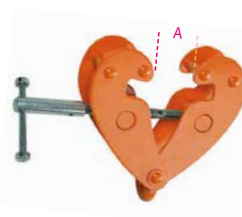
**8147P**

new item 2023

beam clamps for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN13157

Technical data:

- Safety factor: 4
  - Identification tag
- Available certificates:
- Manufacturer's Certificate
  - CE Declaration of Conformity
  - Test report UNI EN10204 type 2.2
  - Technical product specifications

size	WLL t	A min mm	A max mm	price €	code number
1,0	90	180	110,50	1	081470210
2,0	90	190	133,50	1	081470220
3,0	85	280	225,50	1	081470230
5,0	85	280	329,00	1	081470250



**8105**  
eye and eye turnbuckles  
high tensile steel, hot dip galvanized

CE



UNI11841:2022

**TECHNICAL DATA**

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

**LABORATORY TESTS**

- chemical analysis
- tensile test

**AVAILABLE CERTIFICATES**

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg	€	📦	🚚
3/8x6	M10x150	540	14,40	5	081050010
1/2x6	M12x150	1000	23,70	5	081050011
1/2x9	M12x230	1000	30,50	5	081050012
5/8x6	M16x150	1590	36,50	2	081050014
5/8x12	M16x300	1590	54,00	2	081050015
5/8x9	M16x230	1590	45,00	2	081050016
3/4x6	M20x150	2360	58,00	2	081050017
3/4x12	M20x300	2360	80,50	2	081050018
3/4x9	M20x230	2360	67,50	2	081050020
3/4x18	M20x460	2360	106,00	2	081050021
7/8x12	M22x300	3270	114,00	1	081050022
1x6	M24x150	4540	121,00	1	081050024
1x12	M24x300	4540	174,00	1	081050025
1x18	M24x460	4540	204,50	1	081050026
1.1/4x12	M33x300	6900	297,00	1	081050031
1.1/4x18	M33x460	6900	306,00	1	081050032
1.1/2x12	M39x300	9710	367,00	1	081050034
1.1/2x18	M39x460	9710	446,00	1	081050035
1.3/4x18	M45x460	12700	675,00	1	081050036

Other sizes available upon request

special free service boxes

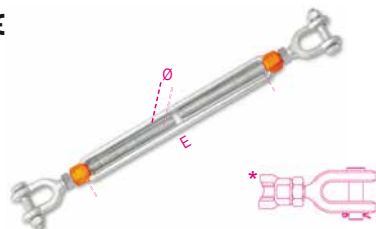


ØxE "	📦	€	🚚	🚚
3/8x6	1	15,70	1	081059010
1/2x9	1	32,00	1	081059012

**Robur**

**8109**  
jaw and jaw turnbuckles  
high tensile steel, hot dip galvanized

CE



UNI 11841:2022

**TECHNICAL DATA**

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

**LABORATORY TESTS**

- chemical analysis
- tensile test

**AVAILABLE CERTIFICATES**

- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg	€	📦	🚚
3/8x6	M10x150	540	18,70	5	081090010
1/2x6	M12x150	1000	31,00	5	081090011
1/2x9	M12x230	1000	37,00	5	081090012
1/2x12	M12x300	1000	47,00	5	081090013
5/8x6	M16x150	1590	56,50	2	081090015
5/8x9	M16x230	1590	67,00	2	081090016
5/8x12	M16x300	1590	75,00	2	081090017
3/4x6	M20x150	2360	79,00	2	081090018
3/4x9	M20x230	2360	91,50	2	081090020
3/4x12	M20x300	2360	102,00	2	081090019
3/4x18	M20x460	2360	121,50	2	081090021
7/8x12	M22x300	3270	153,00	1	081090022
7/8x18	M22x460	3270	185,00	1	081090023
1x6	M24x150	4540	151,50	1	081090024
1x12	M24x300	4540	217,50	1	081090025
1x18	M24x460	4540	251,00	1	081090026
* 1.1/4x12	M33x300	6900	353,00	1	081090031
* 1.1/4x18	M33x460	6900	396,00	1	081090032
* 1.1/4x24	M33x610	6900	549,00	1	081090033
* 1.1/2x12	M39x300	9710	512,00	1	081090034
* 1.1/2x18	M39x460	9710	586,00	1	081090038
* 1.1/2x24	M39x610	9710	702,00	1	081090039
* 1.3/4x18	M45x460	12700	854,00	1	081090036

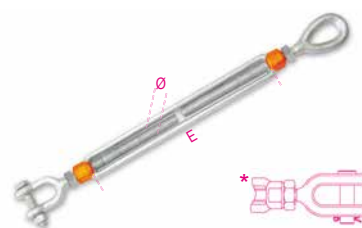
special free service boxes



ØxE "	📦	€	🚚	🚚
3/8x6	1	20,00	1	081099010
1/2x9	1	38,00	1	081099012

**8110**  
eye and jaw turnbuckles, high-tensile steel,  
hot dip galvanized

CE



UNI 11841:2022

**TECHNICAL DATA**

- safety factor: 5
- turnbuckle body treatment: normalizing
- turnbuckle eye treatment: hardening and tempering
- traceability code

**LABORATORY TESTS**

- chemical analysis
- tensile test

**AVAILABLE CERTIFICATES**

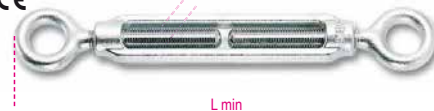
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØxE "	≈ mm	WFL kg	€	📦	🚚
1/2x6	M12x150	1000	27,00	5	081100006
1/2x9	M12x230	1000	33,50	5	081100010
5/8x6	M16x150	1590	47,00	2	081100014
5/8x9	M16x230	1590	55,00	2	081100015
5/8x12	M16x300	1590	64,00	2	081100016
3/4x6	M20x150	2360	69,50	2	081100019
3/4x9	M20x230	2360	80,00	2	081100020
3/4x12	M20x300	2360	91,00	2	081100021
7/8x12	M22x300	3270	133,00	1	081100022
1x6	M24x150	4540	136,50	1	081100027
1x12	M24x300	4540	195,50	1	081100029
* 1.1/4x12	M33x300	6900	326,00	1	081100034
* 1.1/4x18	M33x460	6900	387,00	1	081100035
* 1.1/2x12	M39x300	9710	457,00	1	081100038
* 1.1/2x18	M39x460	9710	518,00	1	081100039
* 1.3/4x18	M45x460	12700	790,00	1	081100044

\* Jaw with through pin and split pin

**8005Z**  
eye and eye turnbuckles,  
galvanized

CE



**TECHNICAL DATA**

- safety factor: 4

**LABORATORY TESTS**

- chemical analysis
- tensile test

**AVAILABLE CERTIFICATES**

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	€	📦	🚚
M5	3/16	118	115	2,37	400	080050105
M6	1/4	130	160	2,76	300	080050106
M8	5/16	158	300	4,20	200	080050108
M10	3/8	192	470	6,05	100	080050110
M11	7/16	206	580	8,05	80	080050111
M12	1/2	226	690	9,00	60	080050112
M14	9/16	256	940	12,70	15	080050114
M16	5/8	290	1290	18,70	10	080050116
M18	11/16	358	1660	28,50	1	080050118
M20	3/4	358	2130	32,50	1	080050120
M22	7/8	400	2630	42,50	1	080050122
M24	1"	436	3060	53,50	1	080050124
M27	1 1/8	474	4000	76,50	1	080050125
M30	1 3/16	498	4860	92,00	1	080050130
M33	1 1/4	516	6040	106,00	1	080050126
M36	1 3/8	532	6500	133,00	1	080050136
M39	1 1/2	544	7900	158,50	1	080050139

Whitworth thread subject to availability  
New batches with metric thread

**Robur**

## special packaging

Ø mm	≈	WFL mm	€	📦	🚚
M5	3/16	30	73,00	1	080050705
M6	1/4	30	82,00	1	080050706
M8	5/16	20	83,50	1	080050708
M10	3/8	15	89,00	1	080050710
M11	7/16	15	117,50	1	080050711
M12	1/2	15	137,00	1	080050712

## special free service boxes

Ø mm	📦	€	🚚	🚚
M5	2	5,65	1	080059305
M6	2	6,45	1	080059306
M8	1	5,35	1	080059108
M10	1	7,05	1	080059110
M11	1	9,15	1	080059111
M12	1	10,20	1	080059112
M14	1	13,20	1	080059114
M16	1	19,70	1	080059116

## 8005TZ

hot-forged eye and eye turnbuckles  
pipe bodies,galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

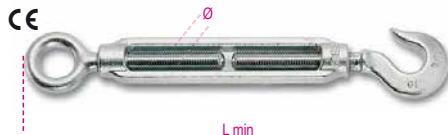
Ø mm	≈	WFL kg	€	📦	🚚
M12	1/2	690	12,30	15	080050512
M16	5/8	1290	20,80	1	080050516
M20	3/4	2130	33,00	1	080050520
M24	1"	3060	56,00	1	080050524
M27	1.1/8	4000	75,50	1	080050527
M30	1.3/16	4860	88,00	1	080050530
M36	1.3/8	6500	143,50	1	080050536

## special free service boxes

Ø mm	📦	€	🚚	🚚
M12	1	14,40	1	080059512

## 8006Z

hook and eye turnbuckles,  
galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	€	📦	🚚
M5	3/16	121	25	2,49	400	080060105
M6	1/4	132	45	2,76	250	080060106
M8	5/16	170	95	4,25	180	080060108
M10	3/8	204	140	6,20	100	080060110
M11	7/16	221	165	8,40	15	080060111
M12	1/2	244	300	9,70	15	080060112
M14	9/16	284	420	14,30	10	080060114
M16	5/8	322	570	21,50	1	080060116
M18	11/16	373	700	32,00	1	080060118
M20	3/4	391	900	37,50	1	080060120
M22	7/8	433	1100	49,00	1	080060122
M24	1"	470	1300	66,50	1	080060124
M27	1.1/8	503	2300	89,50	1	080060127

## special packaging

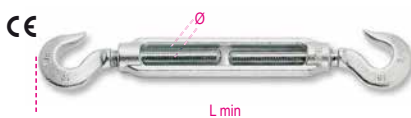
Ø mm	≈	WFL mm	€	📦	🚚
M5	3/16	30	78,00	1	080060705
M6	1/4	30	86,00	1	080060706
M8	5/16	20	87,50	1	080060708
M10	3/8	15	97,00	1	080060710

## special free service boxes

Ø mm	📦	€	🚚	🚚
M5	2	6,40	1	080069305
M6	2	7,15	1	080069306
M8	1	5,45	1	080069108
M10	1	7,45	1	080069110
M11	1	9,55	1	080069111
M12	1	10,80	1	080069112
M14	1	15,50	1	080069114

## 8007Z

hook and hook turnbuckles,  
galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	€	📦	🚚
M5	3/16	124	25	2,76	30	080070105
M6	1/4	134	45	3,05	30	080070106
M8	5/16	181	95	4,50	20	080070108
M10	3/8	211	140	6,60	15	080070110
M11	7/16	231	165	8,90	15	080070111
M12	1/2	262	300	10,60	15	080070112

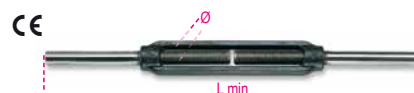
Ø mm	≈	L min mm	WFL kg	€	📦	🚚
M14	9/16	312	420	16,20	1	080070114
M16	5/8	354	570	24,20	1	080070116
M18	11/16	388	700	34,00	1	080070118
M20	3/4	424	900	43,00	1	080070120
M22	7/8	466	1100	54,50	1	080070122
M24	1"	504	1300	76,50	1	080070124
M27	1.1/8	532	2300	99,50	1	080070127

## special free service boxes

Ø mm	📦	€	🚚	🚚
M5	2	6,70	1	080079305
M6	2	7,15	1	080079306
M8	1	5,40	1	080079108
M10	1	7,30	1	080079110
M11	1	9,90	1	080079111
M12	1	11,70	1	080079112

## 8008N

stub and stub turnbuckles  
self-coloured



### TECHNICAL DATA

• safety coefficient: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	€	📦	🚚
M5	3/16	160	115	2,31	30	080080205
M6	1/4	180	160	2,37	30	080080206
M8	5/16	210	300	3,40	20	080080208
M10	3/8	250	470	4,85	15	080080210
M12	1/2	280	690	6,65	15	080080212
M14	9/16	340	940	9,55	5	080080214
M16	5/8	380	1290	13,20	5	080080216
M18	11/16	410	1660	20,00	3	080080218
M20	3/4	440	2130	23,40	3	080080220
M22	7/8	480	2630	32,00	2	080080222
M24	1"	520	3060	36,50	2	080080224
M27	1.1/8	560	4000	59,50	1	080080227
M30	1.3/16	560	4860	75,00	1	080080230
M33	1.1/4	600	6040	80,00	1	080080233
M36	1.3/8	600	6500	101,00	1	080080236
M39	1.1/2	600	7900	117,00	1	080080239

Whitworth thread subject to availability

New batches with metric thread

## special free service boxes

Ø mm	📦	€	🚚	🚚
M5	2	6,50	1	080089305
M6	2	6,60	1	080089306
M8	1	4,85	1	080089208
M10	1	6,40	1	080089210
M12	1	8,10	1	080089212
M14	1	11,30	1	080089214

## 8008TZN

stub and stub turnbuckles,  
pipe bodies DIN 1478,  
self-coloured terminals, galvanised bodies



### TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

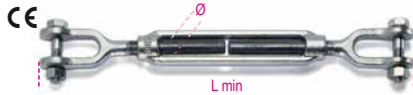
### AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg	€	📦	📄
M12	1/2	690	9,00	10	080080512
M16	5/8	1290	16,20	1	080080516
M20	3/4	2130	24,20	1	080080520
M24	1	3060	40,00	1	080080524
M27	1.1/8	4000	61,50	1	080080527
M30	1.3/16	4860	70,50	1	080080530
M36	1.3/8	6500	115,00	1	080080536

## 8009Z

jaw and jaw turnbuckles,  
galvanized



### TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	€	📦	📄
M8	5/16	192	300	13,60	15	080090008
M10	3/8	234	470	16,10	15	080090010
M12	1/2	274	690	23,10	15	080090012
M14	9/16	342	940	32,50	1	080090014
M16	5/8	372	1290	38,00	1	080090016
M18	11/16	406	1660	54,50	1	080090018
M20	3/4	406	2130	58,00	1	080090020
M22	7/8	466	2630	79,00	1	080090022
M24	1"	486	3060	89,00	1	080090024
M27	1 1/8	510	4000	138,00	1	080090027
M30	1 3/16	566	4860	176,50	1	080090030

special free service boxes

Ø mm	📦	€	📄
M8	1	15,00	080099008
M10	1	17,10	080099010
M12	1	23,10	080099012

## 8009TZ

jaw and jaw turnbuckles,  
pipe bodies, DIN 1478  
galvanized



### TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg	€	📦	📄
M12	1/2	690	21,50	10	080090512
M16	5/8	1290	36,50	1	080090516
M20	3/4	2130	51,50	1	080090520
M24	1	3060	81,00	1	080090524
M27	1.1/8	4000	112,00	1	080090527
M30	1.3/16	4860	144,50	1	080090530

special free service boxes

Ø mm	📦	€	📄
M12	1	23,70	080099512

## 8010Z

eye and jaw turnbuckles,  
galvanized



### TECHNICAL DATA

- safety coefficient: 4
- LABORATORY TESTS
- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L min mm	WFL kg	€	📦	📄
M8	5/16	175	300	8,15	20	080100008
M10	3/8	215	470	10,30	15	080100010
M12	1/2	250	690	15,40	10	080100012
M14	9/16	299	940	21,20	10	080100014
M16	5/8	331	1290	28,00	1	080100016
M18	11/16	382	1660	42,00	1	080100018
M20	3/4	382	2130	46,00	1	080100020
M22	7/8	433	2630	62,00	1	080100022
M24	1"	461	3060	72,50	1	080100024
M27	1 1/8	492	4000	107,50	1	080100027
M30	1 3/16	529	4860	138,00	1	080100030

special free service boxes

Ø mm	📦	€	📄
M8	1	9,70	080109008
M10	1	12,00	080109010
M12	1	16,30	080109012
M14	1	23,10	080109014

## 8010TZ

eye and jaw turnbuckles,  
pipe bodies DIN 1478,  
galvanized



### TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS • chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Production specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈ "	WFL kg	€	📦	📄
M12	1/2	690	16,80	10	080100612
M16	5/8	1290	29,00	1	080100616
M20	3/4	2130	43,50	1	080100620
M24	1	3060	72,00	1	080100624
M27	1.1/8	4000	100,50	1	080100627
M30	1.3/16	4860	121,50	1	080100630

## 8001Z

turnbuckle bodies,  
galvanized



### TECHNICAL DATA

- safety factor: 4
- traceability code
- LABORATORY TESTS
- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg	€	📦	📄
M5	3/16	80	115	1,44	100	080010105
M6	1/4	80	160	1,51	100	080010106
M8	5/16	105	300	2,37	25	080010108
M10	3/8	125	470	3,05	20	080010110
M11	7/16	135	580	3,75	15	080010111
M12	1/2	140	690	4,05	20	080010112
M14	9/16	170	940	5,70	15	080010114
M16	5/8	190	1290	7,75	15	080010116
M18	11/16	205	1660	12,30	10	080010118
M20	3/4	220	2130	14,20	10	080010120
M22	7/8	240	2630	18,00	8	080010122
M24	1"	260	3060	22,00	5	080010124
M27	1 1/8	270	4000	34,50	1	080010127
M30	1 3/16	280	4860	43,50	1	080010130
M33	1 1/4	290	6040	48,00	1	080010133
M36	1 3/8	300	6500	61,50	1	080010136
M39	1 1/2	300	7900	73,50	1	080010139

Whitworth thread subject to availability  
New batches with metric thread

special free service boxes

Ø mm	📦	€	📄
M5	2	4,35	080019305
M6	2	4,75	080019306
M8	1	3,75	080019108
M10	1	4,40	080019110
M11	1	5,30	080019111
M12	1	5,50	080019112
M14	1	7,30	080019114
M16	1	9,30	080019116
M18	1	13,80	080019118
M20	1	15,50	080019120
M22	1	19,60	080019122
M24	1	23,50	080019124



## 8001TZ

pipe turnbuckle bodies,  
galvanized

CE



DIN 1478

### TECHNICAL DATA

- safety factor: 4
- traceability code

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈ "	L mm	WFL kg	€	📦	🚚
M12	1/2	125	690	6,70	10	080010512
M16	5/8	170	1290	10,20	5	080010516
M20	3/4	200	2130	13,50	5	080010520
M24	1	255	3060	23,70	3	080010524
*M27	1.1/8	255	4000	32,00	1	080010527
M30	1.3/16	255	4860	36,00	1	080010530
M36	1.3/8	295	6500	65,00	1	080010536
M42	1.5/8	330	9700	91,50	1	080010542

\* Sizes not contemplated by the standard

special free service boxes



Ø mm	📦	€	📦	🚚
M12	1	8,05	1	080019512
M16	1	11,30	1	080019516
M20	1	14,70	1	080019520
M24	1	24,60	1	080019524

## 8002ZD

turnbuckle eyes  
right thread, galvanized



### TECHNICAL DATA

- safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M5	3/16	37	115	0,50	200	080020105
M6	1/4	40	160	0,61	150	080020106
M8	5/16	52	300	0,90	100	080020108
M10	3/8	60	470	1,44	100	080020110
M11	7/16	65	580	2,04	1	080020111
M12	1/2	72	690	2,55	50	080020112
M14	9/16	85	940	3,15	1	080020114
M16	5/8	95	1290	5,30	1	080020116
M18	11/16	103	1660	7,75	1	080020118
M20	3/4	110	2130	8,70	1	080020120
M22	7/8	120	2630	12,70	1	080020122
M24	1"	130	3060	16,10	1	080020124
M27	1.1/8	135	4000	22,20	1	080020127
M30	1.3/16	140	4860	26,00	1	080020130
M33	1.1/4	148	6040	31,50	1	080020133
M36	1.3/8	150	6500	38,00	1	080020136
M39	1.1/2	150	7900	44,50	1	080020139

Whitworth thread subject to availability  
New batches with metric thread

left-handed thread

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M5	3/16	37	115	0,50	1	080020305
M6	1/4	40	160	0,61	1	080020306
M8	5/16	52	300	0,90	1	080020308
M10	3/8	60	470	1,44	1	080020310
M11	7/16	65	580	2,04	1	080020311
M12	1/2	72	690	2,55	1	080020312
M14	9/16	85	940	3,15	1	080020314
M16	5/8	95	1290	5,30	1	080020316
M18	11/16	103	1660	7,75	1	080020318
M20	3/4	110	2130	8,70	1	080020320
M22	7/8	120	2630	12,70	1	080020322
M24	1"	130	3060	16,10	1	080020324
M27	1.1/8	135	4000	22,20	1	080020327
M30	1.3/16	140	4860	26,00	1	080020330
M33	1.1/4	148	6040	31,50	1	080020333
M36	1.3/8	150	6500	38,00	1	080020336
M39	1.1/2	150	7900	44,50	1	080020339

## 8003ZD

turnbuckle hooks  
right thread, galvanized

CE



### TECHNICAL DATA

- safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M5	3/16	40	25	0,66	150	080030105
M6	1/4	40	45	0,75	120	080030106
M8	5/16	52	95	1,11	100	080030108
M10	3/8	60	140	1,98	70	080030110
M11	7/16	65	165	2,70	1	080030111
M12	1/2	70	300	3,45	30	080030112
M14	9/16	85	420	5,30	1	080030114
M16	5/8	95	570	7,90	1	080030116
M18	11/16	103	700	10,60	1	080030118
M20	3/4	110	900	14,40	1	080030120
M22	7/8	120	1100	18,70	1	080030122
M24	1"	130	1300	28,50	1	080030124
M27	1.1/8	135	2300	34,00	1	080030127

left-handed thread

Ø mm	≈ "	WFL kg	E mm	€	📦	🚚
M5	3/16	40	25	0,66	1	080030305
M6	1/4	40	45	0,75	1	080030306
M8	5/16	52	95	1,11	1	080030308
M10	3/8	60	140	1,98	1	080030310
M11	7/16	65	165	2,70	1	080030311
M12	1/2	70	300	3,45	1	080030312
M14	9/16	85	420	5,30	1	080030314
M16	5/8	95	570	7,90	1	080030316
M18	11/16	103	700	10,60	1	080030318
M20	3/4	110	900	14,40	1	080030320
M22	7/8	120	1100	18,70	1	080030322
M24	1"	130	1300	28,50	1	080030324
M27	1.1/8	135	2300	34,00	1	080030327

## 8004ND

turnbuckle stubs  
right-handed thread, self-coloured



### TECHNICAL DATA

- safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M5	3/16	40	115	0,52	1	080040005
M6	1/4	44	160	0,61	1	080040006
M8	5/16	53	300	0,72	1	080040008
M10	3/8	63	470	1,06	1	080040010
M12	1/2	70	690	1,77	1	080040012
M14	9/16	85	940	2,43	1	080040014
M16	5/8	95	1290	3,35	1	080040016
M18	11/16	103	1660	4,55	1	080040018
M20	3/4	110	2130	5,70	1	080040020
M22	7/8	120	2630	7,05	1	080040022
M24	1"	130	3060	10,00	1	080040024
M27	1.1/8	135	4000	16,00	1	080040027
M30	1.3/16	140	4860	19,80	1	080040030
M33	1.1/4	150	6040	20,40	1	080040033
M36	1.3/8	150	6500	27,00	1	080040036
M39	1.1/2	150	7900	29,00	1	080040039

Whitworth thread subject to availability  
New batches with metric thread

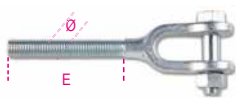
left-handed thread

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M5	3/16	40	115	0,52	1	080040105
M6	1/4	44	160	0,61	1	080040106
M8	5/16	53	300	0,72	1	080040108
M10	3/8	63	470	1,06	1	080040110
M12	1/2	70	690	1,77	1	080040112
M14	9/16	85	940	2,43	1	080040114
M16	5/8	95	1290	3,35	1	080040116
M18	11/16	103	1660	4,55	1	080040118
M20	3/4	110	2130	5,70	1	080040120
M22	7/8	120	2630	7,05	1	080040122
M24	1"	130	3060	10,00	1	080040124
M27	1.1/8	135	4000	16,00	1	080040127
M30	1.3/16	140	4860	19,80	1	080040130
M33	1.1/4	150	6040	20,40	1	080040133
M36	1.3/8	150	6500	27,00	1	080040136
M39	1.1/2	150	7900	29,00	1	080040139



## 8009FD

turnbuckle jaws  
right-handed thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis  
• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg	€	📦	🚚
M8	5/16	53	300	5,60	1	080090208
M10	3/8	63	470	6,60	1	080090210
M12	1/2	70	690	8,90	1	080090212
M14	9/16	85	940	12,30	1	080090214
M16	5/8	95	1290	14,00	1	080090216
M18	11/16	103	1660	19,80	1	080090218
M20	3/4	110	2130	20,40	1	080090220
M22	7/8	120	2630	29,00	1	080090222
M24	1"	130	3060	33,50	1	080090224
M27	1 1/8	135	4000	52,50	1	080090227
M30	1 3/16	140	4860	68,00	1	080090230

### left-handed thread

Ø mm	≈ "	WFL kg	G mm	€	📦	🚚
M8	5/16	53	300	5,60	1	080090408
M10	3/8	63	470	6,60	1	080090410
M12	1/2	70	690	8,90	1	080090412
M14	9/16	85	940	12,30	1	080090414
M16	5/8	95	1290	14,00	1	080090416
M18	11/16	103	1660	19,80	1	080090418
M20	3/4	110	2130	20,40	1	080090420
M22	7/8	120	2630	29,00	1	080090422
M24	1"	130	3060	33,50	1	080090424
M27	1 1/8	135	4000	52,50	1	080090427
M30	1 3/16	140	4860	68,00	1	080090430

## 8048

eye tie rods right thread  
self-coloured



UNI 6058

ØxL mm	WFL kg	F mm	€	📦	🚚
M8x50	430	6	3,50	20	080480108
M8x65	430	6	3,75	20	080480109
M10x80	690	8	5,85	10	080480110
M10x100	690	8	5,85	10	080480210
M10x130	690	8	6,60	10	080480111
M12x70	1020	10	6,05	8	080480212
M12x95	1020	10	6,20	8	080480112
M12x125	1020	10	7,60	8	080480113
M14x110	1420	12	8,55	6	080480114
M16x100	1980	14	7,05	6	080480115
M16x130	1980	14	7,30	6	080480116
M18x150	2390	16	16,50	2	080480118
M20x160	3100	18	20,40	2	080480120
M22x180	3890	18	32,00	1	080480122
M24x200	4460	20	36,50	1	080480124
M24x220	4460	20	39,00	1	080480125
M27x220	5900	22	47,50	1	080480127

## 8302Z

fastening eye bolts,  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg	€	📦	🚚
M5	48	8	115	0,56	200	083020005
M6	55	10	160	0,68	150	083020006
M8	60	12	300	0,92	100	083020008
M10	73	14	470	1,57	100	083020010
M12	90	17	690	3,05	50	083020012

## 8303Z

fastening hooks  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg	€	📦	🚚
M5	6,0	48	25	0,66	120	083030005
M6	8,0	55	45	0,72	100	083030006
M8	10,0	60	95	1,17	75	083030008
M10	12,5	73	140	1,98	50	083030010
M12	16,0	90	220	3,30	20	083030012



## 8702N - 8702Z - 8702ZC

swage sockets made from forged steel

closed  
black



### TECHNICAL DATA

• traceability code

### LABORATORY TESTS

• chemical analysis  
• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2  
• Inspection certificate UNI EN10204 type 3.1

M	ØB mm	ØA mm	ØD mm	€	📦	🚚
6	6,8	13	19	47,50	1	087020106
8	8,8	20	22	57,00	1	087020108
9	9,8	20	22	57,00	1	087020109
10	10,8	20	22	57,00	1	087020110
11	11,8	25	27	70,50	1	087020111
12	12,8	25	27	70,50	1	087020112
13	13,8	25	27	70,50	1	087020113
14	14,8	32	32	98,00	1	087020114
15	15,9	32	32	98,00	1	087020115
16	17,0	32	32	98,00	1	087020116
18	19,0	39	37	127,00	1	087020118
19	20,0	39	37	127,00	1	087020119
20	21,1	39	37	127,00	1	087020120
22	23,2	43	43	176,50	1	087020122
24	25,4	50	52	203,50	1	087020124
25	26,4	50	52	203,50	1	087020125
26	27,4	50	52	203,50	1	087020126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

### 8702Z galvanized

M	ØB mm	ØA mm	ØD mm	€	📦	🚚
6	6,8	13	19	49,50	1	087020306
8	8,8	20	22	60,00	1	087020308
9	9,8	20	22	60,00	1	087020309
10	10,8	20	22	60,00	1	087020310
11	11,8	25	27	73,50	1	087020311
12	12,8	25	27	73,50	1	087020312
13	13,8	25	27	73,50	1	087020313
14	14,8	32	32	103,00	1	087020314
15	15,9	32	32	103,00	1	087020315
16	17,0	32	32	103,00	1	087020316
18	19,0	39	37	133,00	1	087020318
19	20,0	39	37	133,00	1	087020319
20	21,1	39	37	133,00	1	087020320
22	23,2	43	43	182,50	1	087020322
24	25,4	50	52	212,50	1	087020324
25	26,4	50	52	212,50	1	087020325
26	27,4	50	52	212,50	1	087020326

### 8702ZC hot-dip galvanized

M	ØB mm	ØA mm	ØD mm	€	📦	🚚
6	6,8	13	19	52,50	1	087020206
8	8,8	20	22	65,00	1	087020208
9	9,8	20	22	65,00	1	087020209
10	10,8	20	22	65,00	1	087020210
11	11,8	25	27	80,50	1	087020211
12	12,8	25	27	80,50	1	087020212
13	13,8	25	27	80,50	1	087020213
14	14,8	32	32	119,00	1	087020214
15	15,9	32	32	119,00	1	087020215
16	17,0	32	32	119,00	1	087020216
18	19,0	39	37	153,50	1	087020218
19	20,0	39	37	153,50	1	087020219
20	21,1	39	37	153,50	1	087020220
22	23,2	43	43	208,50	1	087020222
24	25,4	50	52	243,50	1	087020224
25	26,4	50	52	243,50	1	087020225
26	27,4	50	52	243,50	1	087020226

## 8709N - 8709Z - 8709ZC

swage sockets made from forged steel open black



### TECHNICAL DATA

- traceability code
- LABORATORY TESTS**
- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

M	Ø B mm	Ø A mm	Ø C mm	€		
6	6,8	13	17	65,00	1	087090106
8	8,8	20	21	84,00	1	087090108
9	9,8	20	21	84,00	1	087090109
10	10,8	20	21	84,00	1	087090110
11	11,8	25	25	105,00	1	087090111
12	12,8	25	25	105,00	1	087090112
13	13,8	25	25	105,00	1	087090113
14	14,8	32	30	146,50	1	087090114
15	15,9	32	30	146,50	1	087090115
16	17,0	32	30	146,50	1	087090116
18	19,0	39	35	190,00	1	087090118
19	20,0	39	35	190,00	1	087090119
20	21,1	39	35	190,00	1	087090120
22	23,2	43	41	242,50	1	087090122
24	25,4	50	51	249,50	1	087090124
25	26,4	50	51	249,50	1	087090125
26	27,4	50	51	249,50	1	087090126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

### 8709Z galvanized

M	Ø B mm	Ø A mm	Ø C mm	€		
6	6,8	13	17	67,00	1	087090306
8	8,8	20	21	88,00	1	087090308
9	9,8	20	21	88,00	1	087090309
10	10,8	20	21	88,00	1	087090310
11	11,8	25	25	109,50	1	087090311
12	12,8	25	25	109,50	1	087090312
13	13,8	25	25	109,50	1	087090313
14	14,8	32	30	153,50	1	087090314
15	15,9	32	30	153,50	1	087090315
16	17,0	32	30	153,50	1	087090316
18	19,0	39	35	199,00	1	087090318
19	20,0	39	35	199,00	1	087090319
20	21,0	39	35	199,00	1	087090320
22	23,2	43	41	261,00	1	087090322
24	25,4	50	51	261,00	1	087090324
25	26,4	50	51	261,00	1	087090325
26	27,4	50	51	261,00	1	087090326

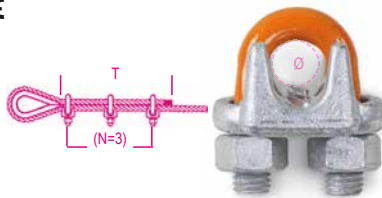
### 8709ZC hot-dip galvanized

M	Ø B mm	Ø A mm	Ø C mm	€		
6	6,8	13	17	69,50	1	087090206
8	8,8	20	21	92,50	1	087090208
9	9,8	20	21	92,50	1	087090209
10	10,8	20	21	92,50	1	087090210
11	11,8	25	25	119,50	1	087090211
12	12,8	25	25	119,50	1	087090212
13	13,8	25	25	119,50	1	087090213
14	14,8	32	30	173,50	1	087090214
15	15,9	32	30	173,50	1	087090215
16	17,0	32	30	173,50	1	087090216
18	19,0	39	35	221,00	1	087090218
19	20,0	39	35	221,00	1	087090219
20	21,1	39	35	221,00	1	087090220
22	23,2	43	41	282,00	1	087090222
24	25,4	50	51	310,00	1	087090224
25	26,4	50	51	310,00	1	087090225
26	27,4	50	51	310,00	1	087090226

## 8015

wire rope clips, American type, steel body, hot-dip galvanized

CE



dimensioni EN 13411-5 tipo B

### TECHNICAL DATA

- traceability code
- LABORATORY TESTS**
- chemical analysis
- torque test

### AVAILABLE CERTIFICATES

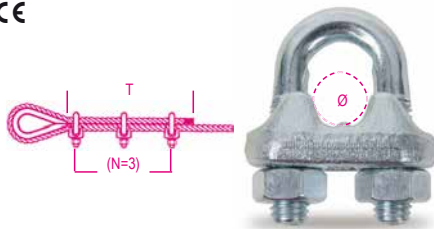
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of Conformity

Ø mm	Ø "	NxT	Nm	€		
8	5/16	3x133	40,7	2,37	12	080150808
10	3/8	3x165	61	3,30	12	080150810
13	1/2	3x292	88	5,10	6	080150813
16	5/8	3x305	129	7,20	6	080150816
20	3/4	4x460	176	9,90	6	080150820
22	7/8	4x480	305	15,70	6	080150822
26	1	5x660	305	17,10	5	080150826
30	1-1/8	6x860	305	18,30	2	080150830

## 8016

wire rope clips, hot forged steel body, galvanized

CE



### TECHNICAL DATA

- chemical analysis
- torque test
- AVAILABLE CERTIFICATES**
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	NxT	Nm	€		
3	1/8	3x80	1,53	0,64	500	080160003
5	3/16	3x110	3,02	0,81	300	080160005
6	1/4	3x120	5,19	0,90	200	080160006
8	5/16	5x210	5,19	1,11	150	080160008
10	3/8	5x240	12,54	1,67	70	080160010
11	7/16	5x260	12,54	1,80	70	080160011
12-13	1/2	5x300	24,76	2,41	40	080160013
14	9/16	5x295	24,76	2,62	35	080160014
16	5/8	5x335	24,76	3,10	30	080160016
18	11/16	5x380	42,42	4,20	30	080160018
20	3/4	5x540	42,42	4,55	30	080160020
22	7/8	7x595	42,42	5,30	25	080160022
24-26	1"	7x700	67,56	7,30	15	080160026
28	1 1/16	8x840	67,56	9,10	5	080160028
30-32	1 1/8	8x990	67,56	9,15	5	080160030
34-36	1 1/4	8x1155	105,80	12,10	4	080160034
38-40	1 1/2	8x1320	105,80	16,30	2	080160040
45-50	2"	8x1500	206	25,00	1	080160050

### special packaging

Ø mm			€		
3	1/8	100	64,00	1	080160703
5	3/16	50	40,50	1	080160705
6	1/4	50	45,00	1	080160706
8	5/16	30	33,50	1	080160708
10	3/8	30	50,00	1	080160710
11	7/16	25	45,00	1	080160711
12-13	1/2	15	36,00	1	080160713

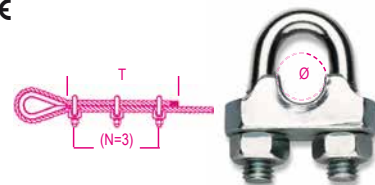
### special free service boxes

Ø mm		€		
3	6	4,80	1	080169403
5	4	4,25	1	080169405
6	4	4,75	1	080169406
8	4	5,50	1	080169408
10	2	4,40	1	080169410
11	1	3,20	1	080169011
12-13	1	3,75	1	080169013
14	1	3,95	1	080169014
16	1	4,40	1	080169016
18	1	5,60	1	080169018
20	1	5,70	1	080169020
22	1	6,70	1	080169022
24-26	1	8,80	1	080169026

## 8016FR

wire rope clips, cold pressed steel body, galvanized

CE



### LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES**
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	NxT	Nm	€		
3	1/8	3x80	1,25	0,59	500	080160253
5	3/16	3x110	2,46	0,70	300	080160255
6	1/4	3x120	4,24	0,85	200	080160256
8	5/16	5x210	4,24	0,99	150	080160258

### special free service boxes

Ø mm		€		
3	6	5,10	1	080169753
5	6	4,50	1	080169755
6	4	5,00	1	080169756
8	4	5,35	1	080169758





## 8018E

wire rope clips, ENEL type,  
hot forged steel body, hot-dip galvanized  
U-bolts and nuts with chemical galv. protection



### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

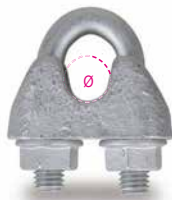
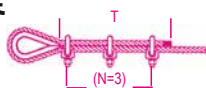
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm	€	📦	🚚
4+6	M6	34	4,24	1,29	100	080180001

## 8016U2

wire rope clips  
malleable cast iron body  
galvanized

CE



dimensioni EN 13411-5 tipo A

### TECHNICAL DATA

- traceability code

### LABORATORY TESTS

- chemical analysis

- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm	€	📦	🚚
5	3/16	3x156	2,0	0,35	300	080160855
6,5	1/4	3x192	3,5	0,47	150	080160856
8	5/16	4x320	6	0,96	70	080160858
10	3/8	4x320	9	1,00	60	080160860
12	1/2	4x384	20	1,90	25	080160862
14	9/16	4x448	33	2,96	15	080160864
16	5/8	4x512	49	4,40	10	080160866
19	3/4	4x512	68	5,10	10	080160869
22	7/8	5x680	107	7,30	10	080160872
26	1	5x760	147	13,20	5	080160876
30	1.1/8	6x984	212	16,90	5	080160880
34	1.1/4	6x1080	296	23,20	5	080160884
40	1.1/2	6x1176	363	28,50	5	080160890

special free service boxes

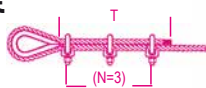


Ø mm	📦	€	🚚	🚚
5	4	4,20	1	080169805
6	4	5,30	1	080169806
8	4	8,15	1	080169808
10	2	5,50	1	080169810
12	1	5,30	1	080169612
14	1	6,05	1	080169614
16	1	8,15	1	080169616
19	1	8,90	1	080169619
22	1	11,60	1	080169622
26	1	19,00	1	080169626

## 8016UGK

wire rope clips,  
made of malleable cast iron,  
HOT DIP GALVANIZED body,  
GEOMET-GEOKOTE U-bolts and nuts

CE



- high corrosion resistance
- traceability code

dimensioni EN 13411-5 tipo A

### TECHNICAL DATA

- traceability code

### LABORATORY TESTS

- chemical analysis

- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of conformity

Ø mm	Ø "	N x T	Nm	€	📦	🚚
8	5/16	4x320	6	1,90	70	080160758
10	3/8	4x320	9	2,10	60	080160760
12	1/2	4x448	33	3,75	25	080160762
14	9/16	4x384	20	5,50	15	080160764
16	5/8	4x512	49	8,15	10	080160766
19	3/4	4x512	68	9,15	10	080160769
22	7/8	5x680	107	13,20	10	080160772
26	1	5x760	147	21,60	5	080160776
30	1.1/8	6x984	212	26,00	1	080160780
34	1.1/4	6x1080	296	37,00	1	080160784
40	1.1/2	6x1176	363	46,00	1	080160790

## 8018T

wire rope clips, TELECOM type  
malleable cast iron body  
galvanized



RUM-MU-21:1980

### LABORATORY TESTS

- chemical analysis

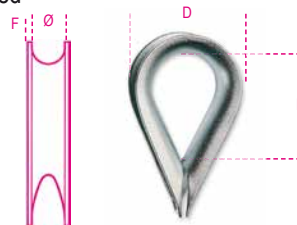
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm	€	📦	🚚
8=10	M8	42	10,20	1,32	200	080180003

## 8020A

thimbles, Italian light type,  
galvanized



### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

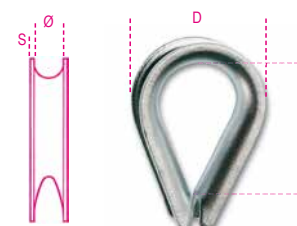
Ø mm	F mm	B mm	D mm	€	📦	🚚
2-3	1,0	20	18	0,24	150	080200503
4	1,2	23	19	0,25	150	080200504
5	1,2	24	23	0,29	100	080200505
6	1,2	27	28	0,30	100	080200506
8	1,4	33	32	0,47	50	080200508
10	1,8	41	38	0,69	30	080200510
12	2,2	44	45	0,91	30	080200512
14	2,2	52	49	1,17	50	080200514
16	3,0	58	58	1,64	50	080200516
18	3,7	64	68	2,31	50	080200518
20	3,7	73	74	2,99	35	080200520
22	3,7	83	79	3,35	30	080200522
24	3,7	93	88	4,40	20	080200525

special packaging

Ø mm	S mm	📦	€	🚚	🚚
2-3	0,8	150	31,50	1	080200703
4	1,0	150	33,00	1	080200704
5	1,0	100	25,00	1	080200705
6	1,0	100	24,00	1	080200706
8	1,2	50	21,00	1	080200708
10	1,5	30	18,30	1	080200710

## 8021A

thimbles, heavy type, galvanized



### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

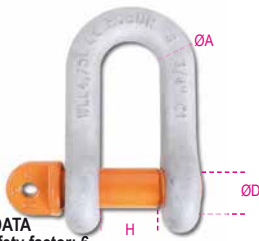
Ø mm	S mm	B mm	D mm	€	📦	🚚
2-3	0,6	15	16	0,39	150	080210103
5	1,7	29	28	0,56	120	080210105
6	1,8	33	30	0,62	100	080210106
8	2,5	36	37	0,84	100	080210108
10	2,5	42	43	1,02	80	080210110
12	2,5	48	50	1,32	100	080210112
14	2,7	58	57	1,77	70	080210114
16	3	61	62	2,16	50	080210116
18	3,5	71	71	2,82	70	080210118
20	4	79	79	4,20	30	080210120
22	4	87	84	4,85	25	080210122
24	4	93	92	5,70	25	080210124
26	4	103	103	7,05	20	080210126
28	5	107	116	16,50	1	080210128
30	5	118	121	16,50	1	080210130
32	5,5	138	135	19,80	1	080210132
35	6	140	147	27,50	1	080210135
40	6,0	174	170	39,00	1	080210140



## 8026R

straight shackles with screw collar pin,  
high-tensile alloy steel, GRADE 6,  
hot-dipped galvanized body

CE



EN 13889  
GRADE 6

### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on both pin and body

### LABORATORY TESTS

- chemical analysis • metallographic analysis
- tensile test • fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg	€		
11	10	17	1000	6,40	5	080260210
16	13	21	2000	11,90	5	080260212
19	16	27	3250	20,10	3	080260216
22	19	32	4750	29,00	2	080260219
25	22	37	6500	44,50	2	080260222

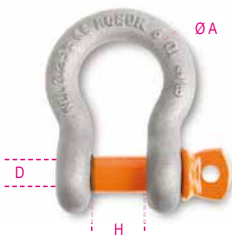
special free service boxes



ØD mm	€		
16	13,00	1	080269212
19	21,60	1	080269216

## 8029R

bow shackles with screw collar pins,  
high-tensile alloy steel, GRADE 6,  
hot-dipped galvanized body



EN 13889  
GRADO 6

### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg	€		
8	6	13	500	3,90	20	080290106
10	8	13,5	750	4,75	15	080290108
11	10	17	1000	6,70	15	080290110
13	11	18,5	1500	8,90	10	080290111
16	13	20,5	2000	9,15	8	080290112
19	16	27	3250	15,70	8	080290116
22	19	32	4750	23,10	4	080290120
25	22	37	6500	34,50	4	080290122
28	26	43,5	8500	47,50	1	080290124

ØD mm	ØA mm	H mm	WLL kg	€		
32	29	48	9500	88,50	1	080290128
35	32	53	12000	118,50	1	080290132
38	35	59	13500	155,50	1	080290135
42	38	62	17000	203,50	1	080290138
50	45	75	25000	348,00	1	080290145
57	50	83	35000	609,00	1	080290150
65	57	95	42500	1.049,00	1	080290157
70	65	105	55000	1.200,00	1	080290165

special free service boxes



ØD mm	€		
8	5,30	1	080299106
10	6,05	1	080299108
11	8,15	1	080299110
13	10,30	1	080299111
16	10,50	1	080299112
19	17,70	1	080299116

## 8031R

bow shackles with safety bolt, EN13889  
high-tensile alloy steel, GRADE 6,  
hot-dip galvanized body



EN 13889  
GRADO 6

### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg	€		
11	10	17	1000	7,20	5	080310110
13	11	18	1500	11,10	5	080310111
16	13	21	2000	11,30	5	080310112
19	16	27	3250	19,40	3	080310116
22	19	32	4750	27,50	2	080310120
25	22	37	6500	38,00	2	080310122
28	26	43	8500	56,50	1	080310124
32	29	48	9500	97,00	1	080310128
35	32	53	12000	125,50	1	080310132
38	35	59	13500	176,50	1	080310135
42	38	62	17000	215,50	1	080310138
50	45	75	25000	377,00	1	080310145
57	50	83	35000	662,00	1	080310150
70	65	105	55000	1.355,00	1	080310165
83	75	127	85000	2.055,00	1	080310183

special free service boxes

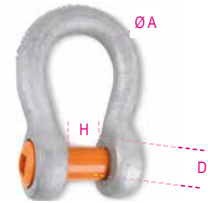


ØD mm	€		
16	14,00	1	080319112
19	23,70	1	080319116

## 8032

bow shackles with square sunken hole screw  
pin,  
high-tensile alloy steel, GRADE 6,  
hot-dip galvanized body

CE



GRADE 6

### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg	€		
11	10	17	1000	8,55	5	080320010
16	13	21	2000	10,80	5	080320012
19	16	27	3250	19,70	3	080320016
22	19	32	4750	34,00	2	080320020
25	22	37	6500	49,50	2	080320022

special free service boxes



ØD mm	€		
16	13,00	1	080329012
19	21,60	1	080329016

## 8025

lifting LARGE DEE shackles,  
hot forged carbon steel,  
galvanized

CE



GRADO 4

### TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis • metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈ "	B x C mm	WLL kg	€		
5	3/16	21x10	70	1,51	250	080250005
6	1/4	25x12	100	2,04	250	080250006
8	5/16	33x16	250	3,40	150	080250008
10	3/8	42x20	400	3,75	180	080250010
11	7/16	46x22	500	4,60	130	080250011
12	1/2	50x24	600	4,95	100	080250012
14	9/16	57x28	800	6,45	70	080250014
16	5/8	61x32	1000	8,40	10	080250016
18	11/16	65x36	1300	12,20	10	080250018
20	3/4	70x40	1600	14,30	10	080250020
22	7/8	74x44	2000	19,80	10	080250022
25	1"	80x48	2800	26,50	2	080250025

special packaging

∅ mm	"	🔧	€	📦	🚚
5	3/16	25	37,50	1	080250705
6	1/4	25	51,00	1	080250706
8	5/16	25	85,00	1	080250708
10	3/8	15	56,00	1	080250710
11	7/16	12	55,00	1	080250711
12	1/2	12	59,50	1	080250712
14	9/16	10	64,50	1	080250714

special free service boxes

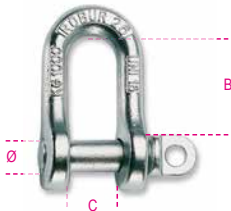


∅ mm	🔧	€	📦	🚚
5	4	7,60	1	080259205
6	4	9,70	1	080259206
8	2	8,10	1	080259208
10	2	8,70	1	080259210
11	1	5,70	1	080259011
12	1	6,20	1	080259012
14	1	7,60	1	080259014
16	1	9,55	1	080259016
18	1	14,30	1	080259018
20	1	16,10	1	080259020
22	1	21,00	1	080259022
25	1	27,50	1	080259025

8026A

lifting DEE shackles,  
hot forged carbon steel,  
UNI 1947 type A, galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

∅ mm	"	B x C mm	WLL kg	€	🔧	📦	🚚
12	1/2	42x20	630	4,75	35	080260012	
14	9/16	46x22	800	5,90	30	080260014	
16	5/8	50x24	1000	7,60	20	080260016	
18	11/16	54x26	1300	10,70	15	080260018	
20	3/4	58x28	1600	13,50	10	080260020	
22	7/8	69x32	2000	17,70	10	080260022	
25	1"	79x36	2500	25,00	5	080260025	
28	1.1/8	90x40	3150	34,50	2	080260028	
32	1.1/4	100x45	4000	47,50	1	080260032	
36	1.3/8	110x50	5000	68,00	1	080260036	
40	1.9/16	120x55	6300	94,00	1	080260040	
42	1.5/8	131x60	8000	128,50	1	080260042	
45	1.3/4	143x65	10000	175,50	1	080260045	
50	2"	155x70	12500	218,00	1	080260050	

special free service boxes



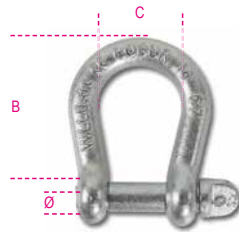
∅ mm	🔧	€	📦	🚚
12	1	6,10	1	080269012
14	1	7,30	1	080269014
16	1	8,55	1	080269016
18	1	13,00	1	080269018
20	1	15,50	1	080269020
22	1	19,80	1	080269022
25	1	27,50	1	080269025



8028

lifting BOW shackles,  
hot forged carbon steel,  
galvanized

CE



GRADO 4

TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

∅ mm	"	B x C mm	WLL kg	€	🔧	📦	🚚
5	3/16	20x16	80	1,30	100	080280105	
6	1/4	24x20	100	1,94	70	080280106	
8	5/16	32x24	200	3,35	35	080280108	
10	3/8	40x33	300	3,85	25	080280110	
12	1/2	48x39	500	6,10	15	080280112	
14	9/16	56x46	600	8,70	7	080280114	
16	5/8	64x46	800	13,10	10	080280116	
18	11/16	71x59	950	16,10	5	080280118	
20	3/4	80x65	1100	23,10	5	080280120	
22	7/8	88x72	1500	29,00	5	080280122	
25	1"	100x81	2000	44,50	2	080280125	
28	1.1/8	112x91	2600	69,00	1	080280128	
32	1.1/4	128x104	3200	94,50	1	080280132	
38	1.1/2	152x124	4500	188,00	1	080280138	

special free service boxes



∅ mm	🔧	€	📦	🚚
5	4	6,45	1	080289305
6	4	9,30	1	080289306
8	2	8,35	1	080289308
10	2	9,00	1	080289310
12	1	7,45	1	080289112
14	1	10,00	1	080289114
16	1	14,20	1	080289116
18	1	18,00	1	080289118
20	1	24,90	1	080289120
22	1	32,00	1	080289122

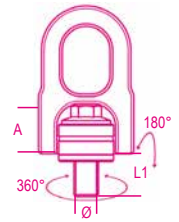
8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0,3	0,6	1	1,6	2,5	4	6,3
	0°	0,6	1,2	2	3,2	5	8	12,6
	90°	0,3	0,6	1	1,6	2,5	4	6,3
	90°	0,6	1,2	2	3,2	5	8	12,6
	0°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	45°							
	46°	0,3	0,6	1	1,6	2,5	4	6,3
	60°							
	0°	0,6	1,3	2,1	3,4	5,3	8,4	13,2
	46°							
	60°	0,3	0,6	1	1,6	2,3	4	6,3

8049

adjustable lifting eyebolts,  
double swivel ring,  
high-tensile alloy steel

CE



TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test







AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

∅ mm	A mm	L1 mm	WLL 90° kg	€	🔧	📦	🚚
M8	31,5	14	300	130,00	1	080490008	
M10	31,5	17	600	135,50	1	080490010	
M12	31,5	21	1000	139,00	1	080490012	
M16	45	27	1600	160,00	1	080490016	
M20	45	30	2500	164,00	1	080490020	
M24	60,5	36	4000	281,00	1	080490024	
M30	60,5	45	6300	293,00	1	080490030	





8049A WLL (t)										
	B°	M6	M8	M10	M12	M16	M20	M24	M30	M36
	0°	400	600	900	1000	2000	4000	6300	10600	11800
	0°	800	1200	1800	2000	4000	8000	12600	21200	23600
	90°	200	300	450	500	1120	2000	3150	5300	8000
	90°	400	600	900	1000	2000	4000	6300	10600	16000
	0°	250	400	600	700	1400	2800	4250	7100	10700
	45°									
	46° 60°	200	300	450	500	1120	2000	3150	5300	8000
	0°	400	600	900	1000	2100	4200	6300	11200	16000
	45°									
	46° 60°	250	400	600	750	1500	3000	4750	8000	10700

## 8049A

lifting eyebolts,  
double swivel ring, turnable under load,  
with welded ring,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening
  - traceability code
- LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - testing load (100% of batch)
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

Ø	E	A	WLL 90°	€		
mm	mm	mm	kg			
M6	13	30	200	43,00	1	080490106
M8	13	30	300	44,00	1	080490108
M10	19	30	450	46,00	1	080490110
M12	19	30	500	49,00	1	080490112
M16	20	30	1120	52,00	1	080490116
M20	30	40	2000	75,00	1	080490120
M24	30	40	3150	110,00	1	080490124
M30	35	50	5300	190,00	1	080490130
M36	54	50	8000	200,00	1	080490136

## 8049V

lifting eyebolts  
with offset brackets,  
high-tensile alloy steel  
360° swivel eyebolt and swivel bracket

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening and tempering
  - traceability code
- LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - test load (100% of batch)
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

Ø	E	B	WLL	€		
mm	mm	mm	kg			
M12	18	37,5	1000	88,00	1	080490312
M16	24	37,5	1500	94,00	1	080490316
M20	35,5	54	2500	136,50	1	080490320
M24	35,5	54	4000	140,50	1	080490324

## 8068S

weld-on brackets for load lifting,  
single-based, with positioning springs,  
high tensile alloy steel body

- Compact dimensions for lifting operations
- Tested to withstand 20,000 work cycles at full load
- Test load applied to 100% of parts before sale
- Safety factor: 4, in all directions

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening
  - traceability code
- LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - load test (100% of batch)
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

WLL	B	M	A	€		
Kg	mm	mm	mm			
1500	78	37	41	10,60	1	080680115
2500	88	40	42	13,90	1	080680125
4000	94	42	45	19,90	1	080680140
6700	118	51	55	37,00	1	080680167

### Caution:

- Coupling element must ensure proper mechanical resistance and be suitable for welding.
- Welding must be performed by trained personnel.

## 8041

lifting eyebolts,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening and tempering
  - traceability code
- LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - proof load test (100% of batch)
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

Ø	E	WLL	€			
mm	mm	kg				
M6	11	400	3,50	10	080410206	
* M8	1,25	13	800	3,50	10	080410208
* M10	1,5	17	1000	5,40	6	080410210
* M12	1,75	20,5	1600	8,15	4	080410212
M14	2	20,5	3000	13,50	2	080410214
M16	2,5	30	4000	20,40	2	080410217
M18	2,5	27	5000	20,40	2	080410218
M20	3,0	36	6000	38,00	2	080410221
M22	2,5	30	7000	38,00	2	080410222
M24	3	41	8000	46,00	2	080410225
M27	3	41	10000	70,00	1	080410227
* M30	3,5	45	12000	70,00	1	080410230

(\* ) Dimensional specifications DIN 580:2010

WLL increased according to Robur Technical Product Specifications

special free service boxes

Ø	€			
mm				
* M8	1	5,60	1	080419208
* M10	1	7,85	1	080419210
* M12	1	10,80	1	080419212

 Robur

 Robur

## 8043

lifting eye nuts,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening and tempering
  - traceability code
- ### LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	WLL kg	€	📦	🚚
* M6	1	20	3,40	10	080430206
* M8	1,25	20	3,40	10	080430208
* M10	1,50	25	5,30	6	080430210
* M12	1,75	30	8,05	4	080430212
M14	2	35	13,20	2	080430214
<b>M16</b>	<b>2,5</b>	<b>40</b>	<b>19,10</b>	<b>2</b>	<b>080430217</b>
M18	2,5	40	19,10	2	080430218
M20	2,5	50	37,00	2	080430221
M22	2,5	50	37,00	2	080430222
<b>M24</b>	<b>3</b>	<b>55</b>	<b>43,00</b>	<b>2</b>	<b>080430225</b>
M27	3	60	67,00	1	080430227
* M30	3,5	60	67,00	1	080430230

(\*) Dimensional specifications DIN 582:2010  
WLL increased according to Robur Technical Product Specifications

### special free service boxes



Ø mm	📦	€	🚚
* M8	1	5,30	1 080439208
* M10	1	7,60	1 080439210
* M12	1	10,30	1 080439212

## 8040EZ

lifting eye bolts,  
galvanized

CE



DIN 580:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
  - heat treatment: normalizing
  - traceability code
- ### LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

Ø mm	E mm	WLL kg	€	📦	🚚
* M6	1	11	1,90	60	080400406
M8	1,25	13	1,90	60	080400408
M10	1,5	17	2,55	40	080400410
M12	1,75	20,5	3,40	20	080400412
* M14	2	20,5	4,50	20	080400414
M16	2	27	5,60	10	080400416
* M18	2,5	27	6,80	10	080400418
M20	2,5	30	8,70	10	080400420
* M22	2,5	30	11,20	10	080400422
M24	3	36	16,50	5	080400424
* M27	3	41	20,40	5	080400427
M30	3,5	45	34,00	2	080400430
* M33	3,5	54	47,50	2	080400433
* M33F	2	54	47,50	2	080400434
M36	4	54	49,00	2	080400436
* M36F	3	54	49,00	2	080400437
M42	4,5	63	90,00	1	080400442
* M42F	3	63	90,00	1	080400443
M48	5	68	144,50	1	080400448
* M48F	3	68	144,50	1	080400449
M56	5,5	78	236,00	1	080400456
* M56F	4	78	236,00	1	080400457
M64	6	90	347,00	1	080400464
* M64F	4	90	347,00	1	080400465

\*Sizes dimensioned according to Robur Technical File

### special free service boxes



Ø mm	📦	€	🚚
M6	4	9,45	1 080409606
M8	4	9,45	1 080409608
M10	2	7,05	1 080409610
M12	1	4,85	1 080409412
* M14	1	5,70	1 080409414
M16	1	7,05	1 080409416
* M18	1	8,30	1 080409418
M20	1	10,00	1 080409420
* M22	1	13,20	1 080409422
M24	1	17,80	1 080409424
* M27	1	22,30	1 080409427
M30	1	35,00	1 080409430

## 8040EN

lifting eye bolts,  
self-coloured

CE



DIN 580:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
  - heat treatment: normalizing
  - traceability code
- ### LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

Ø mm	E mm	WLL kg	€	📦	🚚
* M6	1	11	1,83	60	080400306
M8	1,25	13	1,83	60	080400308
M10	1,5	17	2,49	40	080400310
M12	1,75	20,5	3,40	20	080400312
* M14	2	20,5	4,25	20	080400314
M16	2	27	5,30	10	080400316
* M18	2,5	27	6,60	10	080400318
M20	2,5	30	8,15	10	080400320
* M22	2,5	30	10,70	10	080400322
M24	3	36	15,10	5	080400324
* M27	3	41	19,00	5	080400327
M30	3,5	45	32,00	2	080400330
* M33	3,5	54	44,50	2	080400333
* M33F	2	54	44,50	2	080400334
M36	4	54	47,00	2	080400336
* M36F	3	54	47,00	2	080400337
M42	4,5	63	86,50	1	080400342
* M42F	3	63	86,50	1	080400343
M48	5	68	141,50	1	080400348
* M48F	3	68	141,50	1	080400349
M56	5,5	78	225,50	1	080400356
* M56F	4	78	225,50	1	080400357
M64	6	90	328,00	1	080400364
* M64F	4	90	328,00	1	080400365

\*Sizes dimensioned according to Robur Technical File

### special free service boxes



Ø mm	📦	€	🚚
M6	4	8,90	1 080409506
M8	4	8,90	1 080409508
M10	2	6,50	1 080409510
M12	1	4,60	1 080409312
* M14	1	5,50	1 080409314
M16	1	6,50	1 080409316
* M18	1	7,75	1 080409318
M20	1	9,00	1 080409320
* M22	1	12,30	1 080409322
M24	1	16,50	1 080409324
* M27	1	20,40	1 080409327
M30	1	33,00	1 080409330



## 8042EZ

lifting eye nuts,  
galvanized

CE



DIN582:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

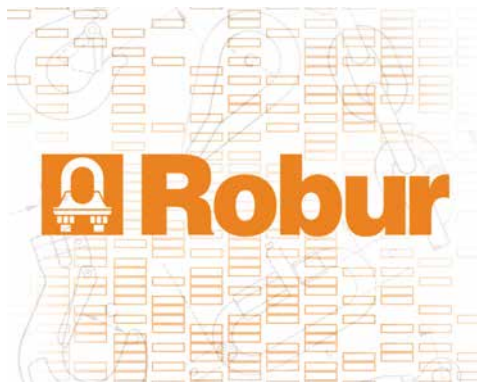
Ø mm	WLL mm	F mm	WLL kg	€	W	W
* M6	1	14	90	1,90	60	080420406
M8	1,25	20	140	1,90	60	080420408
M10	1,5	25	230	2,55	40	080420410
M12	1,75	30	340	3,50	30	080420412
* M14	2	30	480	4,50	30	080420414
M16	2	35	700	5,60	20	080420416
* M18	2,5	35	930	6,80	20	080420418
M20	2,5	40	1200	8,55	10	080420420
* M22	2,5	40	1450	11,10	10	080420422
M24	3	50	1800	16,50	5	080420424
* M27	3	55	2400	19,80	5	080420427
M30	3,5	60	3200	32,00	3	080420430
M36	4	70	4600	48,50	2	080420436
* M36F	3	70	4600	48,50	2	080420437
M42	4,5	80	6300	88,00	1	080420442
* M42F	3	80	6300	88,00	1	080420443
M48	5	90	8600	142,50	1	080420448
* M48F	3	90	8600	142,50	1	080420449

\*Sizes dimensioned according to Robur Technical File

special free service boxes



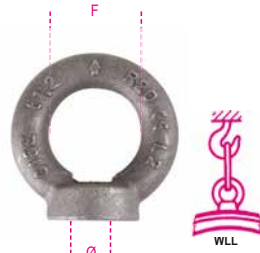
Ø mm	W	€	W	W
M6	4	9,15	1	080429606
M8	4	9,15	1	080429608
M10	2	6,60	1	080429610
M12	1	4,85	1	080429412
* M14	1	5,50	1	080429414
M16	1	6,80	1	080429416
* M18	1	7,85	1	080429418
M20	1	9,70	1	080429420
* M22	1	12,30	1	080429422
M24	1	19,00	1	080429424
* M27	1	21,00	1	080429427
M30	1	32,50	1	080429430



## 8042EN

lifting eye nuts,  
self-coloured

CE



DIN582:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	F mm	WLL kg	€	W	W
* M6	1	14	90	1,83	60	080420306
M8	1,25	20	140	1,83	60	080420308
M10	1,5	25	230	2,43	40	080420310
M12	1,75	30	340	3,40	30	080420312
* M14	2	30	480	4,35	30	080420314
M16	2	35	700	5,10	20	080420316
* M18	2,5	35	930	6,50	20	080420318
M20	2,5	40	1200	7,85	10	080420320
* M22	2,5	40	1450	10,50	10	080420322
M24	3	50	1800	15,10	5	080420324
* M27	3	55	2400	18,30	5	080420327
M30	3,5	60	3200	29,00	3	080420330
M36	4	70	4600	44,50	2	080420336
* M36F	3	70	4600	44,50	2	080420337
M42	4,5	80	6300	82,50	1	080420342
* M42F	3	80	6300	82,50	1	080420343
M48	5	90	8600	135,50	1	080420348
* M48F	3	90	8600	135,50	1	080420349

\*Sizes dimensioned according to Robur Technical File

special free service boxes



Ø mm	W	€	W	W
M6	4	8,90	1	080429506
M8	4	8,90	1	080429508
M10	2	6,50	1	080429510
M12	1	4,50	1	080429312
* M14	1	5,30	1	080429314
M16	1	6,50	1	080429316
* M18	1	7,60	1	080429318
M20	1	9,15	1	080429320
* M22	1	11,90	1	080429322
M24	1	17,10	1	080429324
* M27	1	20,40	1	080429327
M30	1	31,00	1	080429330

## 8044

lifting eye nuts, UNI 2948  
self-coloured

CE



UNI 2948

### TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	WLL kg	€	W	W
M8	1,25	80	2,43	4	080440008
M10	1,5	160	3,95	4	080440010
M12	1,75	250	6,95	4	080440012
M14	2	250	11,20	2	080440014
M16	2	400	11,30	2	080440016
M20	2,5	630	19,00	2	080440020
M24	3	1000	33,00	2	080440024



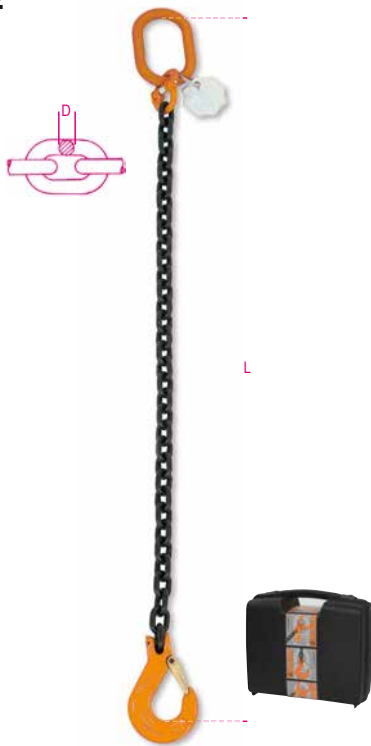
WLL Ton		UNI EN 818	
Ø D mm	WLL 1	WLL 2	
		0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12
7	1,5	2,12	1,5
8	2	2,8	2
10	3,15	4,25	3,15
13	5,3	7,5	5,3
16	8	11,2	8
Ø D mm	WLL 3	WLL 3	
		0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7	
7	3,15	2,24	
8	4,25	3	
10	6,7	4,75	
13	11,2	8	
16	17	11,2	



## 8091

lifting chain slings, 1 leg  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

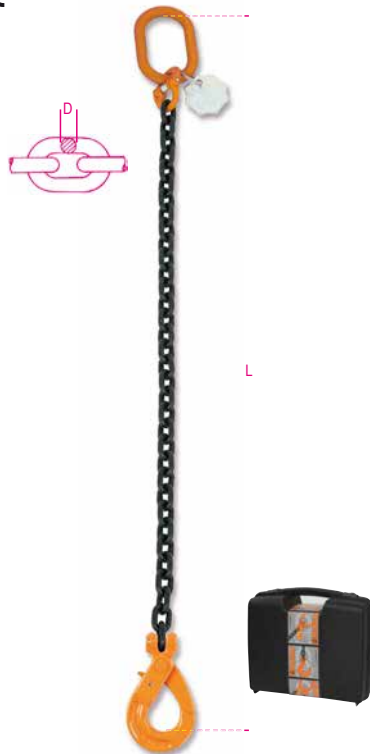
D mm	L m	WLL ton	€		
6*	1	1,12	85,50	1	080910001
6*	2	1,12	105,00	1	080910002
6*	3	1,12	124,00	1	080910003
6*	4	1,12	143,00	1	080910004
7*	1	1,5	93,50	1	080910021
7*	2	1,5	118,00	1	080910022
7*	3	1,5	142,50	1	080910023
7*	4	1,5	167,00	1	080910024
8*	1	2	104,50	1	080910041
8*	2	2	133,50	1	080910042
8*	3	2	162,50	1	080910043
8*	4	2	204,50	1	080910044
10*	1	3,15	133,50	1	080910051
10*	2	3,15	176,50	1	080910052
10*	3	3,15	232,50	1	080910053
10*	4	3,15	276,00	1	080910054
13*	1	5,3	215,00	1	080910131
13*	2	5,3	289,00	1	080910132
13*	3	5,3	359,00	1	080910133
13*	4	5,3	433,00	1	080910134
16*	1	8	421,00	1	080910161
16*	2	8	530,00	1	080910162
16*	3	8	642,00	1	080910163
16*	4	8	754,00	1	080910164
20	1	12,5	822,00	1	080910171
20	2	12,5	1.034,00	1	080910172
20	3	12,5	1.245,00	1	080910173
20	4	12,5	1.460,00	1	080910174

\* packed in plastic case

## 8091SL

lifting chain slings,  
1 leg, self-locking hook,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton	€		
6*	1	1,12	108,00	1	080910201
6*	2	1,12	127,00	1	080910202
6*	3	1,12	146,00	1	080910203
6*	4	1,12	165,00	1	080910204
7*	1	1,5	123,50	1	080910221
7*	2	1,5	148,00	1	080910222
7*	3	1,5	172,50	1	080910223
7*	4	1,5	197,00	1	080910224
8*	1	2	134,50	1	080910241
8*	2	2	157,50	1	080910242
8*	3	2	192,50	1	080910243
8*	4	2	234,50	1	080910244
10*	1	3,15	168,00	1	080910251
10*	2	3,15	211,00	1	080910252
10*	3	3,15	267,00	1	080910253
10*	4	3,15	323,00	1	080910254
13*	1	5,3	295,00	1	080910331
13*	2	5,3	391,00	1	080910332
13*	3	5,3	442,00	1	080910333
13*	4	5,3	535,00	1	080910334
16*	1	8	555,00	1	080910361
16*	2	8	698,00	1	080910362
16*	3	8	777,00	1	080910363
16*	4	8	922,00	1	080910364
20	1	12,5	1.300,00	1	080910401
20	2	12,5	1.510,00	1	080910402
20	3	12,5	1.725,00	1	080910403
20	4	12,5	1.935,00	1	080910404

\* Packed in plastic case

## 8092

lifting chains sling, 2 legs  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton	€		
6*	1	1,6	125,50	1	080920001
6*	2	1,6	164,00	1	080920002
6*	3	1,6	202,00	1	080920003
6*	4	1,6	253,00	1	080920004
7*	1	2,12	146,00	1	080920021
7*	2	2,12	195,00	1	080920022
7*	3	2,12	257,00	1	080920023
7*	4	2,12	306,00	1	080920024
8*	1	2,8	165,50	1	080920041
8*	2	2,8	223,50	1	080920042
8*	3	2,8	294,00	1	080920043
8*	4	2,8	352,00	1	080920044
10*	1	4,25	239,50	1	080920051
10*	2	4,25	325,00	1	080920052
10*	3	4,25	409,00	1	080920053
10*	4	4,25	495,00	1	080920054
13*	1	7,5	381,00	1	080920131
13*	2	7,5	526,00	1	080920132
13	3	7,5	652,00	1	080920133
13	4	7,5	850,00	1	080920134
16*	1	11,2	764,00	1	080920161
16	2	11,2	1.018,00	1	080920162
16	3	11,2	1.240,00	1	080920163
16	4	11,2	1.465,00	1	080920164
20	2	17,0	2.055,00	1	080920172
20	3	17,0	2.480,00	1	080920173
20	4	17,0	2.910,00	1	080920174

\* packed in plastic case



### 8092SL

lifting chain slings,  
2 legs, self-locking hook,  
grade 8

CE



UNI EN 818-4

#### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€	📄	📦
6*	1	1,6	170,00	1	080920201
6*	2	1,6	200,50	1	080920202
6*	3	1,6	239,00	1	080920203
6*	4	1,6	298,00	1	080920204
7*	1	2,12	205,00	1	080920221
7*	2	2,12	244,50	1	080920222
7*	3	2,12	316,00	1	080920223
7*	4	2,12	365,00	1	080920224
8*	1	2,8	213,50	1	080920241
8*	2	2,8	284,00	1	080920242
8*	3	2,8	342,00	1	080920243
8*	4	2,8	412,00	1	080920244
10*	1	4,25	334,00	1	080920251
10*	2	4,25	394,00	1	080920252
10*	3	4,25	478,00	1	080920253
10*	4	4,25	589,00	1	080920254
13*	1	7,5	586,00	1	080920331
13*	2	7,5	691,00	1	080920332
13*	3	7,5	857,00	1	080920333
13*	4	7,5	1.054,00	1	080920334
16*	1	11,2	1.100,00	1	080920361
16*	2	11,2	1.355,00	1	080920362
16*	3	11,2	1.580,00	1	080920363
16*	4	11,2	1.800,00	1	080920364
20	2	17,0	3.330,00	1	080920402
20	3	17,0	3.750,00	1	080920403
20	4	17,0	4.180,00	1	080920404

\* Packed in plastic case

### 8094

lifting chain sling, 4 legs  
grade 8

CE



UNI EN 818-4

#### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€	📄	📦
6*	1	2,36	261,00	1	080940001
6*	2	2,36	350,00	1	080940002
6*	3	2,36	427,00	1	080940003
6*	4	2,36	500,00	1	080940004
7*	1	3,15	306,00	1	080940021
7*	2	3,15	404,00	1	080940022
7*	3	3,15	499,00	1	080940023
7*	4	3,15	597,00	1	080940024
8*	1	4,25	369,00	1	080940041
8*	2	4,25	482,00	1	080940042
8*	3	4,25	598,00	1	080940043
8	4	4,25	744,00	1	080940044
10*	1	6,7	486,00	1	080940051
10	2	6,7	671,00	1	080940052
10	3	6,7	860,00	1	080940053
10	4	6,7	1.032,00	1	080940054
13	1	11,2	810,00	1	080940131
13	2	11,2	1.104,00	1	080940132
13	3	11,2	1.395,00	1	080940133
13	4	11,2	1.690,00	1	080940134
16	1	17	1.590,00	1	080940161
16	2	17	2.035,00	1	080940162
16	3	17	2.485,00	1	080940163
16	4	17	2.930,00	1	080940164
20	2	26,5	3.730,00	1	080940172
20	3	26,5	4.580,00	1	080940173
20	4	26,5	5.420,00	1	080940174

\* packed in plastic case

### 8094SL

lifting chain slings,  
4 legs, self-locking hook,  
grade 8

CE



UNI EN 818-4

#### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€	📄	📦
6*	1	2,36	350,00	1	080940201
6*	2	2,36	439,00	1	080940202
6*	3	2,36	516,00	1	080940203
6*	4	2,36	589,00	1	080940204
7*	1	3,15	424,00	1	080940221
7*	2	3,15	522,00	1	080940222
7*	3	3,15	618,00	1	080940223
7*	4	3,15	716,00	1	080940224
8*	1	4,25	465,00	1	080940241
8*	2	4,25	578,00	1	080940242
8*	3	4,25	717,00	1	080940243
8	4	4,25	863,00	1	080940244
10*	1	6,7	633,00	1	080940251
10	2	6,7	809,00	1	080940252
10	3	6,7	1.007,00	1	080940253
10	4	6,7	1.179,00	1	080940254
13	1	11,2	1.145,00	1	080940331
13	2	11,2	1.440,00	1	080940332
13	3	11,2	1.730,00	1	080940333
13	4	11,2	2.025,00	1	080940334
16	1	17	2.150,00	1	080940361
16	2	17	2.600,00	1	080940362
16	3	17	3.050,00	1	080940363
16	4	17	3.490,00	1	080940364
20	2	26,5	5.640,00	1	080940402
20	3	26,5	6.480,00	1	080940403
20	4	26,5	7.330,00	1	080940404

\* Packed in plastic case

## 8096

lifting chain sling, 1 leg  
with clevis grab hook,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton	€	📄	📁
6*	1	1,12	101,50	1	080960001
6*	2	1,12	120,50	1	080960002
6*	3	1,12	139,50	1	080960003
6*	4	1,12	155,00	1	080960004
7*	1	1,5	112,50	1	080960021
7*	2	1,5	137,00	1	080960022
7*	3	1,5	156,50	1	080960023
7*	4	1,5	181,00	1	080960024
8*	1	2	124,00	1	080960041
8*	2	2	153,00	1	080960042
8*	3	2	182,00	1	080960043
8*	4	2	224,00	1	080960044
10*	1	3,15	171,50	1	080960051
10*	2	3,15	227,50	1	080960052
10*	3	3,15	270,00	1	080960053
10*	4	3,15	313,00	1	080960054
13*	1	5,3	281,00	1	080960131
13*	2	5,3	333,00	1	080960132
13*	3	5,3	403,00	1	080960133
13*	4	5,3	499,00	1	080960134
16*	1	8	553,00	1	080960161
16*	2	8	629,00	1	080960162
16*	3	8	741,00	1	080960163
16	4	8	883,00	1	080960164
20	1	12,5	1.122,00	1	080960171
20	2	12,5	1.335,00	1	080960172
20	3	12,5	1.545,00	1	080960173
20	4	12,5	1.755,00	1	080960174

\* packed in plastic case

## 8096SL

lifting chain slings,  
1 leg, with self-locking and clevis grab hooks,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton	€	📄	📁
6*	1	1,12	120,00	1	080960201
6*	2	1,12	139,00	1	080960202
6*	3	1,12	158,00	1	080960203
6*	4	1,12	177,00	1	080960204
7*	1	1,5	137,00	1	080960221
7*	2	1,5	161,50	1	080960222
7*	3	1,5	186,00	1	080960223
7*	4	1,5	210,50	1	080960224
8*	1	2	148,00	1	080960241
8*	2	2	177,00	1	080960242
8*	3	2	206,00	1	080960243
8*	4	2	248,00	1	080960244
10*	1	3,15	206,00	1	080960251
10*	2	3,15	262,00	1	080960252
10*	3	3,15	305,00	1	080960253
10*	4	3,15	348,00	1	080960254
13*	1	5,3	361,00	1	080960331
13*	2	5,3	435,00	1	080960332
13*	3	5,3	505,00	1	080960333
13*	4	5,3	579,00	1	080960334
16*	1	8	688,00	1	080960361
16*	2	8	797,00	1	080960362
16*	3	8	909,00	1	080960363
16	4	8	1.017,00	1	080960364
20	1	12,5	1.600,00	1	080960401
20	2	12,5	1.810,00	1	080960402
20	3	12,5	2.020,00	1	080960403
20	4	12,5	2.235,00	1	080960404

\* Packed in plastic case

## 8097

lifting chain sling, 2 legs  
with clevis grab hooks,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES**

- Technical product specifications

D mm	L m	WLL ton	€	📄	📁
6*	1	1,6	157,50	1	080970001
6*	2	1,6	188,00	1	080970002
6*	3	1,6	233,50	1	080970003
6*	4	1,6	277,00	1	080970004
7*	1	2,12	183,00	1	080970021
7*	2	2,12	235,50	1	080970022
7*	3	2,12	284,00	1	080970023
7*	4	2,12	333,00	1	080970024
8*	1	2,8	204,50	1	080970041
8*	2	2,8	264,00	1	080970042
8*	3	2,8	333,00	1	080970043
8*	4	2,8	391,00	1	080970044
10*	1	4,25	315,00	1	080970051
10*	2	4,25	401,00	1	080970052
10*	3	4,25	484,00	1	080970053
10*	4	4,25	570,00	1	080970054
13*	1	7,5	511,00	1	080970131
13*	2	7,5	658,00	1	080970132
13	3	7,5	791,00	1	080970133
13	4	7,5	938,00	1	080970134
16	1	11,2	991,00	1	080970161
16	2	11,2	1.215,00	1	080970162
16	3	11,2	1.440,00	1	080970163
16	4	11,2	1.660,00	1	080970164
20	2	17,0	2.375,00	1	080970172
20	3	17,0	2.800,00	1	080970173
20	4	17,0	3.220,00	1	080970174

\* packed in plastic case





## 8097SL

lifting chain slings,  
2 legs, with self-locking and clevis grab hooks,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€		
6*	1	1,6	194,00	1	080970201
6*	2	1,6	224,50	1	080970202
6*	3	1,6	271,00	1	080970203
6*	4	1,6	322,00	1	080970204
7*	1	2,12	232,50	1	080970221
7*	2	2,12	285,00	1	080970222
7*	3	2,12	334,00	1	080970223
7*	4	2,12	383,00	1	080970224
8*	1	2,8	253,00	1	080970241
8*	2	2,8	312,00	1	080970242
8*	3	2,8	381,00	1	080970243
8*	4	2,8	439,00	1	080970244
10*	1	4,25	384,00	1	080970251
10*	2	4,25	470,00	1	080970252
10*	3	4,25	553,00	1	080970253
10*	4	4,25	639,00	1	080970254
13*	1	7,5	671,00	1	080970331
13*	2	7,5	818,00	1	080970332
13	3	7,5	995,00	1	080970333
13	4	7,5	1.098,00	1	080970334
16	1	11,2	1.325,00	1	080970361
16	2	11,2	1.550,00	1	080970362
16	3	11,2	1.775,00	1	080970363
16	4	11,2	1.930,00	1	080970364
20	2	17,0	3.330,00	1	080970402
20	3	17,0	3.750,00	1	080970403
20	4	17,0	4.180,00	1	080970404

\* Packed in plastic case

## 8098

lifting chain sling, 4 legs  
with clevis grab hooks,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€		
6*	1	2,36	324,00	1	080980001
6*	2	2,36	398,00	1	080980002
6*	3	2,36	472,00	1	080980003
6*	4	2,36	548,00	1	080980004
7*	1	3,15	380,00	1	080980021
7*	2	3,15	459,00	1	080980022
7*	3	3,15	554,00	1	080980023
7*	4	3,15	652,00	1	080980024
8*	1	4,25	424,00	1	080980041
8*	2	4,25	537,00	1	080980042
8*	3	4,25	653,00	1	080980043
8	4	4,25	799,00	1	080980044
10*	1	6,7	586,00	1	080980051
10	2	6,7	788,00	1	080980052
10	3	6,7	960,00	1	080980053
10	4	6,7	1.132,00	1	080980054
13	1	11,2	986,00	1	080980131
13	2	11,2	1.280,00	1	080980132
13	3	11,2	1.590,00	1	080980133
13	4	11,2	1.865,00	1	080980134
16	1	17	1.985,00	1	080980161
16	2	17	2.430,00	1	080980162
16	3	17	2.880,00	1	080980163
16	4	17	3.330,00	1	080980164
20	2	26,5	4.720,00	1	080980172
20	3	26,5	5.570,00	1	080980173
20	4	26,5	6.420,00	1	080980174

\* packed in plastic case

## 8098SL

lifting chain slings,  
4 legs, with self-locking and clevis grab hooks,  
grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	€		
6*	1	2,36	398,00	1	080980201
6*	2	2,36	487,00	1	080980202
6*	3	2,36	545,00	1	080980203
6*	4	2,36	637,00	1	080980204
7*	1	3,15	479,00	1	080980221
7*	2	3,15	558,00	1	080980222
7*	3	3,15	653,00	1	080980223
7*	4	3,15	751,00	1	080980224
8*	1	4,25	543,00	1	080980241
8*	2	4,25	633,00	1	080980242
8	3	4,25	749,00	1	080980243
8*	4	4,25	895,00	1	080980244
10*	1	6,7	724,00	1	080980251
10	2	6,7	926,00	1	080980252
10	3	6,7	1.098,00	1	080980253
10	4	6,7	1.270,00	1	080980254
13	1	11,2	1.305,00	1	080980331
13	2	11,2	1.600,00	1	080980332
13	3	11,2	1.910,00	1	080980333
13	4	11,2	2.185,00	1	080980334
16	1	17	2.540,00	1	080980361
16	2	17	2.990,00	1	080980362
16	3	17	3.440,00	1	080980363
16	4	17	3.870,00	1	080980364
20	2	26,5	6.630,00	1	080980402
20	3	26,5	7.480,00	1	080980403
20	4	26,5	8.330,00	1	080980404

\* Packed in plastic case

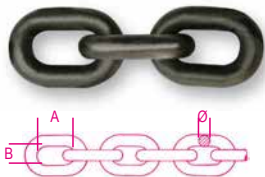
 **Robur**

 **Robur**

## 8100

lifting chains,  
high-tensile alloy steel

CE



EN 818-2

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL	kg	Ø mm	A	B min	€/m		
			mm	mm			
1120	6	18	7,8	20,20	1	081000011	
1500	7	21	11,0	26,00	1	081000016	
2000	8	24	12,0	30,50	1	081000020	
3150	10	30	14,5	45,50	1	081000032	
5300	13	39	20,0	78,00	1	081000053	
8000	16	48	20,8	118,50	1	081000080	
12500	20	60	26,0	212,00	1	081000125	

## 8085R

lifting master links,  
high-tensile alloy steel

CE



EN 1677-4  
GRADO 8

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	A	B	€		
			mm	mm			
1600	7	110	60	10,70	1	080850215	
2120	8	110	60	15,20	1	080850220	
3150	10	135	75	21,50	1	080850232	
5300	13	160	90	37,50	1	080850253	
8000	16	180	100	75,50	1	080850280	
11200	19	200	110	122,50	1	080850311	
16000	20	260	140	201,50	1	080850316	
17000	22	300	160	286,00	1	080850317	

The working load refers toslings 3 or 4 arms  
and angle β less than 45°.

(\*) Combined with ø 6mmchain, WLL= 2360 kg

## 8086

lifting master link assemblies  
alloy steel, painted

CE



EN 1677-4

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	B	C	€		
			mm	mm			
* 3150	7	135	75	69,50	1	080860021	
4250	8	160	90	107,00	1	080860042	
6700	10	180	100	137,50	1	080860067	
11200	13	200	110	223,00	1	080860100	
17000	16	260	140	326,00	1	080860117	
21200	18	340	180	583,00	1	080860121	
26500	20	350	190	827,00	1	080860126	

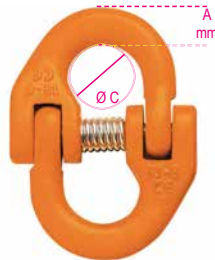
The working load refers toslings 3 or 4 arms and angle β  
less than 45°.

(\*) Combined with ø 6mmchain, WLL= 2360 kg

## 8090R

lifting connecting links  
alloy steel, painted

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	ØC	A	€		
			max	mm			
1120	6	13	7,5	9,10	1	080900111	
1500	7	18	9	11,80	1	080900115	
2000	8	18	11	14,40	1	080900120	
3150	10	22	13,0	17,60	1	080900131	
5300	13	30	16	32,00	1	080900153	
8000	16	32	22	69,50	1	080900180	
12500	20	40	25	159,00	1	080900312	

## 8060R

Clevis chain hooks,  
high-tensile alloy steel

CE



EN 1677-2

### TECHNICAL DATA

- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	C	€		
			mm			
1120	6	19	17,10	1	080600111	
1500	7	19	18,30	1	080600115	
2000	8	21	19,10	1	080600120	
3150	10	27	33,00	1	080600132	
5300	13	35	52,50	1	080600153	
8000	16	48	167,00	1	080600180	
12500	20	54	297,00	1	080600225	

## 8058R

self-locking lifting hooks,  
Clevis type,  
high-tensile alloy steel

CE



EN 1677-3

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)

- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	kg	Ø mm	J min	€		
			mm			
1120	6	28	36,50	1	080580112	
2000	7-8	34	44,50	1	080580120	
3150	10	44	69,50	1	080580132	
5300	13	52	137,50	1	080580153	
8000	16	67	310,00	1	080580180	
12500	20	77	774,00	1	080580225	

## 8061R

Clevis grab hooks  
with safety latch,  
high-tensile alloy steel

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	E mm	€	📄	📄
1120	6	8	12,70	1	080610211
2000	7-8	11	14,50	1	080610220
3150	10	13	26,50	1	080610231
5300	13	17	46,50	1	080610253
8000	16	20	104,50	1	080610280
12500	20	24	249,00	1	080610312

## 8052

wire rope eye hooks,  
high-tensile alloy steel

CE



EN 1677-2

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	€	📄	📄
8052	800	18	6,50	1 080520008
8052	1120	22,5	8,70	1 080520011
8052	2000	30	18,40	1 080520020
8052	3150	36	28,00	1 080520031
8052	4000	39,5	36,50	1 080520040

8055S	5400	32	71,00	1 080550145
8055S	8000	43	124,00	1 080550170
8055S	11500	53	247,00	1 080550215
8055S	16000	58	332,00	1 080550260
8055S	22000	78	778,00	1 080550320

## 8057R

self-locking lifting hooks,  
eye type,  
high-tensile alloy steel

CE



EN 1677-3

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	J min mm	ØB mm	€	📄	📄
1120	6	28	22	29,50	1	080570112
2000	7-8	34	25	35,00	1	080570120
3150	10	44	32	63,00	1	080570132
5300	13	54	40	220,00	1	080570153

## 8063

lifting swivel hooks  
(in unloaded condition)  
high-tensile alloy steel

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

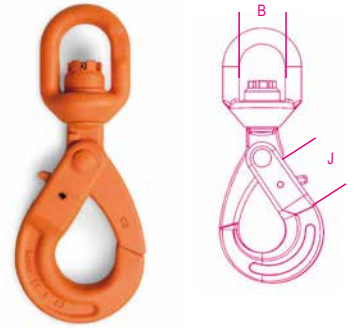
- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	A mm	E mm	€	📄	📄
800	32	20,5	14,50	1	080630008
1120	38	20,5	18,30	1	080630011
2000	44,5	22	22,30	1	080630020
3150	44,5	27	27,50	1	080630031

## 8063SL

self-locking swivel hooks  
(not under load)  
high-tensile alloy steel  
grade 8

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- load test (100% of batch)

### AVAILABLE CERTIFICATES

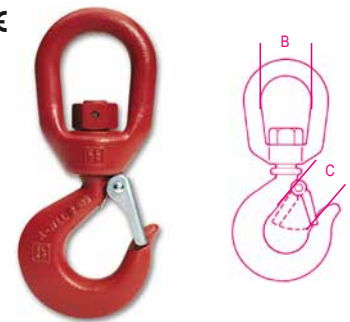
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	J mm	€	📄	📄
1120	6	32	45	38,00	1	080630311
2000	8	35	59	53,00	1	080630320
3150	10	42	54	92,00	1	080630331
5300	13	49	83	140,50	1	080630353

## 8064S

swivel lifting hooks  
(not under load)  
carbon steel, painted

CE



EN 1677-5

### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

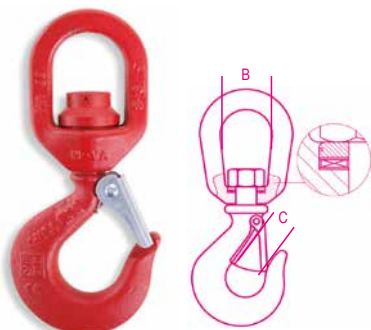
WLL kg	B mm	C mm	€	📄	📄
800	31	20	35,50	1	080640107
1000	40	22	50,00	1	080640110
1600	47	23	65,50	1	080640115
2000	47	27	71,50	1	080640120
3200	64	35	125,00	1	080640130
5000	77	43	228,50	1	080640150
7500	90	53	333,00	1	080640175
10000	96	58	553,00	1	080640199



## 8065SC

swivel load lifting hooks  
carbon steel, painted

CE



EN 1677-5

### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

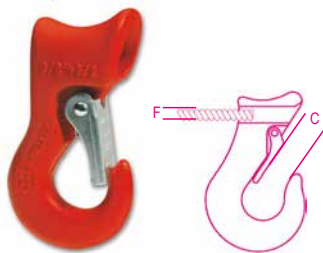
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	€	📄	📄
800	38	20	71,00	1	080650107
1000	38	22	77,50	1	080650110
1600	47	23	96,00	1	080650115
2000	47	27	109,50	1	080650120
3200	54	35	192,50	1	080650130
5000	72	43	285,00	1	080650150
7500	82	53	483,00	1	080650175

## 8062

slip hooks  
alloy steel, painted

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm	€	📄	📄
1500	19	10-13	43,00	1	080620013
2000	21	16	60,50	1	080620016
3000	26	18	101,00	1	080620018
5000	34	22-25	135,00	1	080620025

## 8051S

lifting eye hooks,  
carbon steel, galvanized

CE



GRADO 4

### TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm	€	📄	📄
250	14	12	3,15	10	080510202
500	18	16,5	6,95	5	080510205

special free service boxes



WLL kg	📄	€	📄	📄
250	1	4,45	1	080519202
500	1	8,60	1	080519205

## 8135

steel plate lifting clamps  
with articulated lifting eyes

CE



EN13155

### TECHNICAL DATA

- Safety factor: 3
- Serial number identification plate

### AVAILABLE CERTIFICATES

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A mm	📄	€	📄	📄
0,75	0-15	2	129,00	1	081350005
1,0	0-20	5	174,50	1	081350010
2,0	0-25	8	259,00	1	081350020
3,0	0-30	15	439,00	1	081350032
5,0	0-50	23	618,00	1	081350050

## 8143

hand chain blocks

CE



EN13157

### Technical Data:

- Safety factor: 4
- Identification tag

### Available Certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

WLL t	L mm	H mm	sforzo / effort kg	€	📄	📄
0,5	3	285	27	208,50	1	081430005
1	3	315	44	246,00	1	081430010
2	3	380	44	357,00	1	081430020
3	3	475	45	460,00	1	081430030
5	3	600	47	684,00	1	081430050

0,5	6	285	27	312,00	1	081430105
1	6	315	44	351,00	1	081430110
2	6	380	44	495,00	1	081430120
3	6	475	45	707,00	1	081430130
5	6	600	47	1.003,00	1	081430150

Robur

## 8146 lever hoists

CE



H

EN13157

### TECHNICAL DATA

safety factor: 4

identification tag

### AVAILABLE CERTIFICATES

Manufacturer's Certificate

CE Declaration of Conformity

Test Report UNI EN10204 type 2.2

Technical Product Specifications

WLL	t	L <sub>m</sub>	H	sforzo / effort	€		
		Lm	mm	kg			
0,75	1,5	320	21*	254,00	1	081460008	
1,5	1,5	380	41*	362,00	1	081460015	
3,0	1,5	480	41	484,00	1	081460030	
6,0	1,5	600	46	786,00	1	081460060	

0,75	3,0	320	21*	285,00	1	081460108	
1,5	3,0	380	41*	402,00	1	081460115	
3,0	3,0	480	41	555,00	1	081460130	
6,0	3,0	600	46	943,00	1	081460160	

H= minimum distance between hooks

(\* equipped with overload protection system)

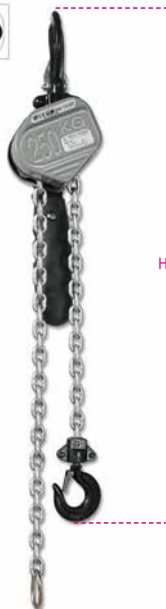
# Robur

# Robur

## 8146C

lever hoist, compact

CE



H

EN13157

### Technical data:

• Safety factor: 4

• Identification tag

### Available Certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test Report UNI EN10204 type 2.2

• Technical Product Specifications

WLL	t	L <sub>m</sub>	H	sforzo / effort	€		
		Lm	mm	kg			
0,25	1,5	230	20,7	234,00	1	081460002	

H= minimum distance between hooks

## 8149S/A

hoist chain bag,  
made of black fabric



A	C	8143	8143	€		
mm	mm	t	L <sub>m</sub>			
100	250	0,5 - 1	3/6 - 3/6	22,00	1	081490510
120	350	2 - 3	3/6 - 3	24,00	1	081490512
150	450	3 - 5	6 - 3/6	26,00	1	081490515

## 8147C

chain trolleys  
for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

### Technical data:

• Safety factor: 4

• Identification tag

### Available certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test report UNI EN10204 type 2.2

• Technical product specifications

WLL	L <sub>min</sub>	L <sub>max</sub>	øF	€		
t	mm	mm	Lm			
1,0	58	220	3	260,00	1	081470510
2,0	66	220	3	333,00	1	081470520
3,0	74	220	3	509,00	1	081470530
5,0	90	220	3	702,00	1	081470550

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

## 8147S

push trolleys  
for manual beam clamps

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

### Technical data:

• Safety factor: 4

• Identification tag

### Available certificates:

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test report UNI EN10204 type 2.2

• Technical product specifications

WLL	L <sub>min</sub>	L <sub>max</sub>	øF	€		
t	mm	mm	mm			
0,5	50	220	25	167,50	1	081470005
1,0	58	220	30	214,50	1	081470010
2,0	66	220	40	273,00	1	081470020

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

# Robur

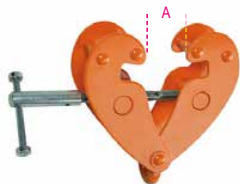


## 8147P

beam clamps for manual hoists

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

Technical data:

- Safety factor: 4
- Identification tag

Available certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A min mm	A max mm	€	📄	📄
1,0	90	180	110,50	1	081470210
2,0	90	190	133,50	1	081470220
3,0	85	280	225,50	1	081470230
5,0	85	280	329,00	1	081470250

## 8148

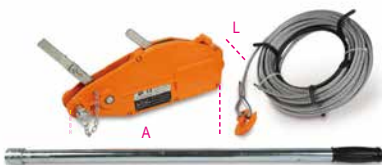
manual rope winch,  
aluminium alloy body,  
complete with operating lever, rope and hook

Lightweight and portable, the Robur manual rope winch complies with EN 13157, is made from high-quality materials and is suitable for lifting, pulling, tensioning and fixing loads in all directions through the operating lever.

Generally connected to a fixed lashing point, it allows for highly precise load positioning and ensures safe operation in all directions - horizontal, vertical and tilted. Based on its compact, handy design, it is easy to install and use.

The Robur manual winch makes it possible to use ropes in any length, and its capacity can be increased by a factor of 2, 3, 4 or more - provided that its frame is inspected -, by using guide rollers and hooks with blocks in accordance with the reference standard.

CE



EN 13157

- Safety factor: 4:1

WLL t	L m	A mm	€	📄	📄
0,8	20	426	366,00	1	081480008
1,6	20	545	574,00	1	081480016
3,2	20	660	945,00	1	081480032
0,8	30	426	416,00	1	081480108
1,6	30	545	650,00	1	081480116
3,2	30	660	1.084,00	1	081480132

# Robur

## 8148F

strand rope made from galvanized steel  
wound on a crosspiece  
with high tensile hook

CE



WLL t	L m	ØF	€	📄	📄
0,8	20	8,3	101,50	1	081480520
1,6	20	11	160,50	1	081480521
3,2	20	16	312,00	1	081480523

0,8	30	8,3	144,00	1	081480530
1,6	30	11	225,00	1	081480531
3,2	30	16	432,00	1	081480533

## 8120

Genovese chains  
for static connections,  
galvanised



TECHNICAL DATA

- safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL kg	m	€	📄	📄
1,5	10	8	150	197,00	1	081200015
1,6	12	15	150	205,00	1	081200016
2,2	14	25	75	120,00	1	081200022
2,7	16	40	75	148,50	1	081200027
3,0	17	55	75	164,00	1	081200030
3,4	18	100	60	167,00	1	081200034
3,8	19	110	50	161,50	1	081200038
4,4	20	200	40	149,50	1	081200044
4,8	21	250	30	142,50	1	081200048
5,5	22	300	25	142,50	1	081200055
5,8	23	310	25	161,50	1	081200058
6,5	24	400	25	183,00	1	081200065
7,0	25	450	25	223,00	1	081200070
7,5	26	550	20	199,00	1	081200075
* 8,0	27	600	25	288,00	1	081200080
* 9,0	28	800	25	362,00	1	081200090
* 10,0	30	1000	20	366,00	1	081200100
* 12,0	32	1400	15	388,00	1	081200120

Caution: product NOT designed for lifting purposes

(\* ) available in COILS

## 8120B

Genovese chains  
for static connections,  
galvanised



TECHNICAL DATA

- safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report type 2.2 UNI EN10204

Ø mm	nr	WFL kg	m	€	📄	📄
1,5	10	8	200	245,00	1	081200315
1,6	12	15	200	259,00	1	081200316
2,2	14	25	100	153,00	1	081200322
2,7	16	40	100	196,00	1	081200327
3,0	17	55	75	163,50	1	081200330
3,4	18	100	100	260,00	1	081200334
3,8	19	110	75	230,50	1	081200338
4,4	20	200	50	178,50	1	081200344
4,8	21	250	50	230,50	1	081200348
5,5	22	300	40	221,00	1	081200355
5,8	23	310	30	189,00	1	081200358
6,5	24	400	30	215,50	1	081200365
7,0	25	450	25	217,50	1	081200370
7,5	26	550	25	240,00	1	081200375
8,0	27	600	15	185,00	1	081200380
9,0	28	800	15	218,50	1	081200390
10,0	30	1000	10	179,00	1	081200400
12,0	32	1400	8	207,00	1	081200420

Caution: NOT for lifting

## 8120D

calibrated chains DIN766  
electrolytic galvanised  
available in any length on request (>30m)



TECHNICAL DATA

- safety factor: 4

AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	P mm	WFL kg	m	€	📄	📄
4	16	200	30	123,00	1	081200640
5	18,5	320	30	173,50	1	081200650
6	18,5	400	30	263,00	1	081200660
7	22	630	30	316,00	1	081200670
8	24	800	30	418,00	1	081200680
10	28	1250	30	638,00	1	081200700

calibrated chains DIN766  
HOT-DIP galvanised

Ø mm	P mm	WFL kg	m	€	📄	📄
4	16	200	30	153,00	1	081200840
5	18,5	320	30	209,50	1	081200850
6	18,5	400	30	311,00	1	081200860
7	22	630	30	365,00	1	081200870
8	24	800	30	485,00	1	081200880
10	28	1250	30	734,00	1	081200900

# Robur



## 8129

barrier chain,  
made of galvanized metal painted in red and white

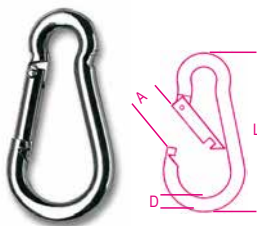


Ø mm	m	€	Hand icon	Truck icon
5	30	260,00	1	081290050

Caution: NOT for lifting or anchoring

## 8074

carabine hooks,  
galvanized



DIN 5299

### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg	€	Hand icon	Truck icon
* 4x40	6	20	0,64	100	080740040
5x50	7	30	0,65	100	080740050
6x60	8	40	0,72	100	080740060
7x70	9	60	0,92	50	080740070
8x80	11	75	1,11	50	080740080
9x90	12	100	1,51	25	080740090
10x100	13	120	2,04	25	080740100
11x120	16	140	2,76	20	080740101
12x140	22	140	3,85	15	080740102
13x160	24	200	5,30	10	080740103
* 14x180	32	250	11,10	5	080740104

## 8074A

ring carabine hooks,  
galvanized



DIN 5299

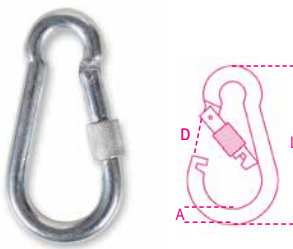
### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg	€	Hand icon	Truck icon
5x50	7,4	30	0,88	50	080740405
6x60	8,7	40	1,01	50	080740406
8x80	10,5	75	1,38	25	080740408
10x100	13,3	120	2,43	10	080740410

## 8074G

carabine hooks with screw nut,  
galvanized



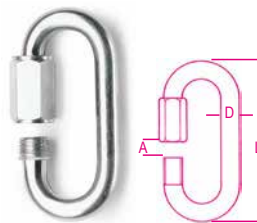
### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg	€	Hand icon	Truck icon
5x50	7,5	30	0,99	50	080740305
6x60	8,5	40	1,13	50	080740306
8x80	10,3	75	1,51	25	080740308
10x100	10,6	120	2,55	10	080740310

## 8080

quick links,  
galvanized



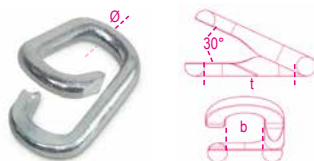
### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg	€	Hand icon	Truck icon
3,5x36	5	20	0,52	100	080800003
4x40	6	30	0,56	100	080800004
5x49	6	50	0,68	100	080800005
6x57	8	60	0,85	100	080800006
7x66	8	100	1,11	50	080800007
8x74	11	140	1,32	50	080800008
9x80	11	160	1,90	25	080800009
10x89	11	220	2,23	25	080800010
12x105	15	300	3,85	20	080800012
14x125	16,5	400	8,30	3	080800014

## 8080FM

missing links,  
galvanized



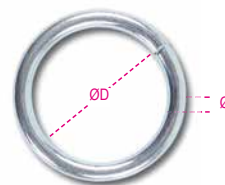
### TECHNICAL DATA

- safety coefficient: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

M	ød mm	b mm	t mm	€	Hand icon	Truck icon
4	3,8	8,6	21,5	0,41	100	080800204
5	4,7	11,1	25,8	0,67	50	080800205
6	5,3	13,8	32,0	1,30	30	080800206
7	6,5	16,8	37,0	1,55	10	080800207
8	8,0	18,0	38,0	2,28	10	080800208

## 8082

rings  
galvanized steel



AVAILABLE CERTIFICATES:  
Test Report UNI EN10204 type 2.2

Ø mm	ØD mm	WFL kg	€	Hand icon	Truck icon
4	20	75	0,40	50	080820004
5	30	125	0,52	20	080820005
6	40	185	0,85	10	080820006
7	50	265	1,32	5	080820007
8	60	350	1,77	5	080820008

## 8083

S-hooks  
galvanized steel

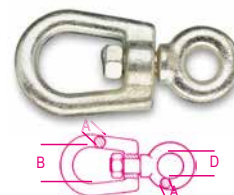


AVAILABLE CERTIFICATES:  
Test report UNI EN10204 type 2.2

Ø mm	L mm	WFL kg	€	Hand icon	Truck icon
3	33	4	0,08	100	080830003
4	40	5	0,12	60	080830004
5	47	12	0,22	50	080830005
6	59	18	0,41	30	080830006
8	79	33	1,02	10	080830008

## 8114

oblong eye swivels,  
galvanized



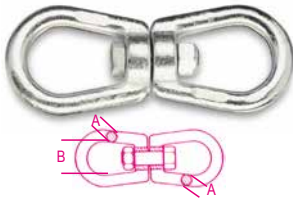
### TECHNICAL DATA

- safety factor: 4
- traceability code
- LABORATORY TESTS
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

A mm	B mm	D mm	WFL kg	€	Hand icon	Truck icon
8	30	16	250	4,20	10	081140008
10	38	18	300	7,75	10	081140010
12	42	20	650	11,20	5	081140012
14	48	22	820	17,40	5	081140014
16	57	24	1000	23,80	3	081140016
18	64	26	1600	28,50	3	081140018
20	72	30	2000	40,00	1	081140020
22	80	34	2500	56,00	1	081140022

## 8116

oblong eye & eye swivels,  
galvanized



### TECHNICAL DATA

- safety factor: 4
- traceability code

### LABORATORY TESTS

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1

A mm	B mm	WFL kg	€		
6	23	140	4,50	10	081160006
8	30	250	5,60	10	081160008
10	38	300	10,20	5	081160010
12	42	650	16,80	5	081160012
14	48	820	25,00	3	081160014
16	57	1000	31,50	3	081160016
18	64	1600	38,00	1	081160018
20	72	2000	54,00	1	081160020
22	80	2500	83,50	1	081160022

## 8317SZ

simplex wire rope clips  
galvanized



### AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm	€		
2	15	14	0,25	100	083170102
3	18	16	0,26	100	083170103
4	20	19	0,37	100	083170104
5	24	23	0,42	50	083170105
6	30	27	0,50	30	083170106
8	36	34	0,96	20	083170108
10	42	37	1,44	10	083170110

## 8317DZ

duplex wire rope clips  
galvanized



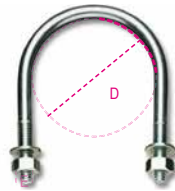
### AVAILABLE CERTIFICATES

- Test report UNI EN10204 type 2.2

Ø mm	L mm	L1 mm	€		
2	30	14	0,33	50	083170002
3	35	15	0,45	50	083170003
4	40	18	0,52	50	083170004
5	50	21	0,66	25	083170005
6	60	25	0,88	20	083170006
8	76	33	1,90	10	083170008
10	95	37	2,87	10	083170010

## 8381SL

U bolts for pipes, light type,  
galvanized



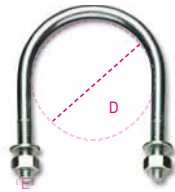
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

D mm	D gas	E mm	€		
11	1/8"	M6	0,52	100	083810201
14	1/4"	M6	0,56	100	083810202
18	3/8"	M6	0,56	100	083810203
22	1/2"	M6	0,64	100	083810204
27	3/4"	M6	0,64	100	083810205
34	1"	M6	0,70	100	083810206
43	1 1/4"	M6	0,70	100	083810207
49	1 1/2"	M8	1,25	50	083810208
61	2"	M8	1,32	50	083810209
77	2 1/2"	M8	1,57	25	083810210
89	3"	M8	1,68	25	083810211
102	3 1/2"	M8	1,90	25	083810212
115	4"	M8	2,10	25	083810213
140	5"	M8	4,60	25	083810215
168	6"	M10	5,00	25	083810218
220	8"	M10	10,20	10	083810220

## 8381SP

U bolts for pipes, heavy type,  
galvanized



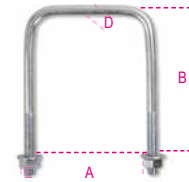
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

D mm	D gas	E mm	€		
22	1/2"	M8	0,92	100	083810301
27	3/4"	M8	1,00	100	083810302
34	1"	M8	1,08	100	083810303
43	1 1/4"	M8	1,17	100	083810304
49	1 1/2"	M10	1,98	25	083810305
61	2"	M10	2,16	25	083810306
77	2 1/2"	M10	2,49	25	083810307
89	3"	M10	2,62	25	083810308
102	3 1/2"	M12	4,20	25	083810309
115	4"	M12	4,60	15	083810310
140	5"	M12	7,15	15	083810312
168	6"	M16	12,00	15	083810315
220	8"	M16	21,20	10	083810320
274	10"	M16	22,30	1	083810374
274	10"	M20	32,00	1	083810375
324	12"	M20	68,00	1	083810386
408	16"	M24	100,00	1	083810508

## 8383C

square U bolts,  
hot galvanized  
Flanged nuts



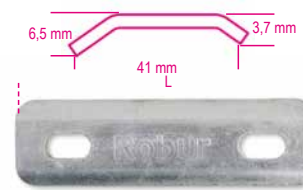
### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

A mm	E mm	B mm	D mm	€		
70	M10	110	8,55	2,10	130	083830070
80	M10	120	8,55	2,43	110	083830080
90	M10	130	8,55	2,62	100	083830090
100	M10	155	8,55	3,15	90	083830100
120	M10	175	8,55	3,65	70	083830120

## 8383P

plates for square U bolts  
hot galvanized



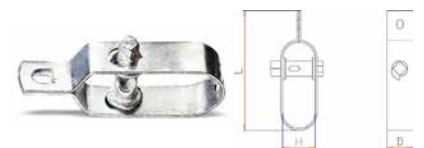
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

	L mm	€		
8383P 150	150	2,62	150	083830214
8383C/70-80				
/90-100				
8383P 170	170	3,15	120	083830217
8383C/100-120				

## 8515Z

wire tenders, galvanized



### Available Certificates

- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm	€		
20	25	93	1,38	50	085150002
24,5	30	100	1,90	50	085150003

## 8515V

wire tenders,  
painted



### Available Certificates

- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm	€		
20	25	93	1,83	50	085150102
24,5	30	100	2,31	50	085150103



## 8515CH

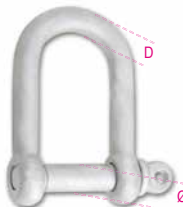
wire tender keys,  
galvanized



L	OA	OB	€	📦	📄
mm	mm	mm			
90	8	7,5	0,66	20	085150901

## 8531

dee FISHING shackles,  
hot-dip galvanized



### AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø	D	WFL	€	📦	📄
mm	mm	kg			
20	18	1600	18,90	1	085310018
22	20	2500	27,50	1	085310020

## 8532

dee FISHING shackles  
with square head screw pin,  
black painted



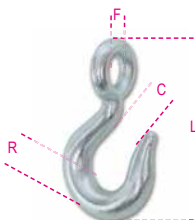
### AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

Ø	D	WFL	€	📦	📄
mm	mm	kg			
20	20	1600	9,30	1	085320020
22	22	2500	14,20	1	085320022

## 8535

fishing hooks,  
galvanized



### AVAILABLE CERTIFICATES

• Test report UNI EN10204 type 2.2

R	C	F	L	€	📦	📄
mm	mm	mm	mm			
26	27,5	34	156	21,20	1	085350006
30	36,5	40	185	29,00	1	085350007

## 8130

antitheft chains, made of alloy steel,  
case-hardened, tempered,  
galvanised



### AVAILABLE CERTIFICATES:

Test report UNI EN10204 type 2.2

Ø	L	€	📦	📄
mm	mm			
6	800	15,70	1	081300068
8	1000	34,00	1	081300081
8	1200	38,50	1	081300082
10	1500	59,00	1	081300105

## 8130A

anti-theft chains with rings,  
made of alloy steel, case-hardened, tempered,  
galvanised



Ø	L	€	📦	📄
mm	mm			
10	900	55,00	1	081300209

## 8131Z

antitheft chains with padlocks



Ø	L	8139Z	€	📦	📄
mm	mm	Ø mm			
6	800	8	81,50	1	081310060

## 8131DL

disc lock with anti-theft chain 8130A



Ø	L	€	📦	📄
mm	mm			
10	900	125,50	1	081310209

## 8139DL

motorcycle disc locks,  
made of hardened steel, shockproof PVC,  
blister-packed

- supplied with 3 keys, signalling cable, case
- suitable for 10mm chains



Ø	L	H	€	📦	📄
mm	mm	mm			
14	108	56	70,50	1	081390214

## 8139Z

padlocks for antitheft chains,  
zinc alloy bodies

- supplied with 3 mapped keys
- suitable for chains 6, 8, 10 mm



Ø	L	H	€	📦	📄
mm	mm	mm			
8	45	90	66,00	1	081390008

## 8139ZCH

3 neutral spare keys  
for locks 8139Z



8139ZCH	€	📦	📄
	22,30	1	081390909

suitable for locks Ø8 and Ø10

## 8050 D1÷D45

safety locks and spare parts kit for eye hooks



	€	📦	📄
8050D1 8064S-8065SC/800 8055S/1250	8,20	1	080500945
8050D2 8064S-8065SC/1000-8062/1500- 8055S/1600	9,55	1	080500946
8050D3 8064S-8065SC/1600-2000 8055S/2500-3200	10,30	1	080500947
8050D4 8064S-8065SC/3200 8055S/5400	17,10	1	080500948
8050D5 8064S-8065SC/5000 8055S/8000	19,80	1	080500949



8050D6	31,50	1	080500950
8064S/7500			
8055S/11500			
8050D11	16,30	1	080500955
8062/2000			
8050D12	18,00	1	080500956
8062/3000			
8050D13	32,50	1	080500957
8062/5000			
8050D22	43,00	1	080500966
8064S/10000			
8055S/16000			
8050D23	59,50	1	080500967
8055S/22000			
8050D24	0,75	1	080500969
8051S/250			
8050D25	0,89	1	080500970
8051S/500			
8050D30	24,00	1	080500975
8061F/8000			
8050D32	33,00	1	080500977
8060/8000			
8050D33	3,30	1	080500978
8052/800			
8050D34	3,70	1	080500979
8052/1120			
8050D35	4,55	1	080500980
8052/2000			
8050D36	4,95	1	080500981
8052/3150			
8050D37	5,85	1	080500982
8052/4000			
8050D38	2,15	1	080500983
8060R/1120			
8050D53	2,92	1	080500994
8060R/1500			
8050D39	2,92	1	080500984
8060R/2000			
8050D40	5,10	1	080500985
8060R/3150			
8050D41	7,85	1	080500986
8060R/5300			
8050D42	0,75	1	080500987
8063/800			
8050D43	1,07	1	080500988
8063/1120			
8050D44	1,39	1	080500989
8063/2000			
8050D45	1,71	1	080500990
8063/3150			



8050D46	2,23	1	080500991
8061R/1120			
8050D47	2,23	1	080500992
8061R/2000			
8050D48	3,05	1	080500993
8061R/3150			
8050D54	3,05	1	080500995
8061R/5300			



8050 D49	6,15	1	080500849
8057R - 8058R - 8063SL /1120			
8050 D50	6,70	1	080500850
8057R - 8058R - 8063SL /2000			
8050 D51	7,30	1	080500851
8057R - 8058R - 8063SL /3150			
8050 D52	16,40	1	080500852
8057R - 8058R - 8063SL /5300			

## 8058R/PS

pin kit for hooks item 8058R-8061R



	∅ mm	€		
8058R/PS	6	7,15	1	080580512
8058R/PS	7-8	8,20	1	080580520
8058R/PS	10	16,40	1	080580532
8058R/PS	13	28,00	1	080580553

## 8060R/PS

pin kit for hooks item 8060R



	∅ mm	€		
8060R/PS	6	7,15	1	080600511
8060R/PS	7	8,20	1	080600515
8060R/PS	8	8,20	1	080600520
8060R/PS	10	16,40	1	080600532
8060R/PS	13	28,00	1	080600553

## 8135/KLA1

operating lever kit for lifting clamps 8135



8135 t	€		
0,75	15,90	1	081350605
1,00	19,70	1	081350610
2,00	22,80	1	081350615
3,00	27,50	1	081350620
5,00	42,50	1	081350625

Responsibility for repairs rests with repairer.

## 8135/KCA

cam kit for lifting clamps 8135



8135 t	€		
0,75	13,30	1	081350630
1,00	15,00	1	081350635
2,00	19,30	1	081350640
3,00	24,00	1	081350645
5,00	31,50	1	081350650

Responsibility for repairs rests with repairer.

## 8135/KM0

spring kit for lifting clamps 8135



8135 t	€		
0,75	7,05	1	081350655
1,00	10,20	1	081350660
2,00	13,40	1	081350665
3,00	17,20	1	081350670
5,00	25,50	1	081350675

Responsibility for repairs rests with repairer.

## 8135/KGF

fixed jaws kit



Responsibility for repairs rests with repairer.

8135 t	€		
0,75	23,50	1	081350705
1,00	41,00	1	081350710
2,00	49,50	1	081350720
3,00	64,50	1	081350730
5,00	77,00	1	081350750

## 8135/KGM

moving jaws kit



Responsibility for repairs rests with repairer.

8135 t	€		
0,75	78,00	1	081350805
1,00	126,00	1	081350810
2,00	161,50	1	081350820
3,00	237,50	1	081350830
5,00	341,00	1	081350850

## 8143/RKL

kit of upper and lower hook latches for hand chain hoists 8143



8143 WLL t	€		
0,5	1,43	1	081430500
1,0	1,65	1	081430501
2,0	2,48	1	081430502
3,0	2,91	1	081430503
5,0	3,40	1	081430504

## 8143/RPC

kit of hook chain block pins for hand chain hoists 8143



8143 WLL t	€		
0,5	1,71	1	081430510
1,0	2,34	1	081430511
2,0	2,53	1	081430512
3,0	4,15	1	081430513
5,0	4,50	1	081430514



### 8143/RPF

kit of stop pins  
for hand chain blocks 8143



8143 WLL t	€		
0,5	0,78	1	081430520
1,0	0,83	1	081430521
2,0	1,16	1	081430522
3,0	0,92	1	081430523
5,0	1,43	1	081430524

### 8143/RKCI

kit of lower hook bodies  
for hand chain hoists 8143



8143 WLL t	€		
0,5	11,00	1	081430560
1,0	14,50	1	081430561
2,0	27,00	1	081430562
3,0	88,50	1	081430563
5,0	122,00	1	081430564

### 8146/RK

safety locks, pins and stops  
for hand LEVER hoists 8146C-8146



8146C-8146 WLL t	€		
0,25	5,50	1	081460902

### 8146/RKL

kit of upper and lower hook latches  
for hand lever hoists 8146



8146 WLL t	€		
0,75	1,65	1	081460500
1,5	1,89	1	081460501
3,0	2,91	1	081460502
6,0	3,30	1	081460503

### 8146/RPC

kit of hook chain block pins  
for hand lever hoists 8146



8146 WLL t	€		
0,75	1,71	1	081460510
1,5	2,53	1	081460511
3,0	2,67	1	081460512
6,0	2,67	1	081460513

### 8146/RKFC

kit of stops  
for hand lever hoists 8146



8146 WLL t	€		
0,75	4,55	1	081460520
1,5	5,80	1	081460521
3,0	6,20	1	081460522
6,0	7,30	1	081460523

### 8146/RKCI

kit of lower hook bodies  
for hand lever hoists 8146



8146 WLL t	€		
0,75	12,60	1	081460560
1,5	27,00	1	081460561
3,0	88,50	1	081460562
6,0	167,50	1	081460563

### 8148/RA

crosspiece for wire ropes of manual rope  
winches 8148



8148 t	€		
0,8	20,10	1	081480900
1,6	27,00	1	081480901
3,2	35,00	1	081480902

### 8148/RKS

set of 3 overload shear pins  
for manual rope winches 8148



8148 t	€		
0,8	3,70	1	081480903
1,6 - 3,2	4,65	1	081480904

### 8148/RKCM

set of 2 handle caps  
for manual rope winches 8148



8148/RKCM	€		
	1,68	1	081480905

### 8148/RKCL

set of 2 lever caps  
for manual rope winches 8148



8148RKCL	€		
	1,79	1	081480906

### 8148/RP

anchor pins  
for manual rope winches 8148



8148 t	€		
0,8	15,40	1	081480907
1,6	20,70	1	081480908
3,2	26,00	1	081480909

### 8148/RKG

set of 2 protective sheaths  
for manual rope winches 8148

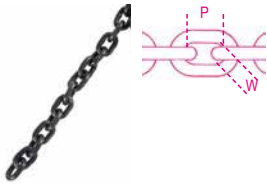


8148 t	€		
0,8	15,90	1	081480910
1,6	18,10	1	081480911
3,2	19,10	1	081480912

## 8149

lifting chains, high-tensile alloy steel

CE



EN 818-7

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	WLL Kg	P mm	W min	€/m	📄	📄
4	500	12	4,8	15,20	1	081490012
5	800	15	6,0	18,70	1	081490015
6	1100	18	7,2	21,00	1	081490018
6,3	1200	19	7,6	23,30	1	081490019
8	2000	24	9,6	31,50	1	081490024
10	3200	30	12	49,00	1	081490030

## 8149CM

hand chains for chain blocks 8143



Ø mm	B mm	t mm	€/m	📄	📄
4,8	8,2	22,2	4,85	1	081490901

\* CAUTION: Product is delivered in one length of chain, unless otherwise specified in order!

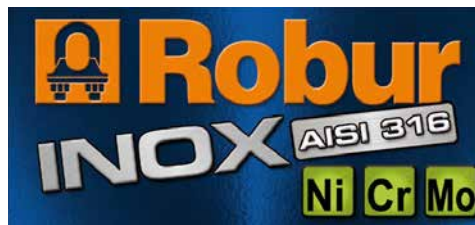
## 8149CM/RA

spare welded ring  
hand chain for chain blocks 8143



L m	Ø mm	B mm	€	📄	📄
3	4,8	8,2	61,50	1	081490903
6	4,8	8,2	93,00	1	081490906

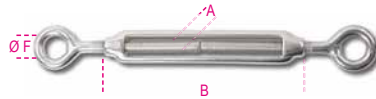
\*Welded closed ring. Please read manual carefully before replacing chain.



Breaking force (BF)  
on technical specifications  
WWW.ROBURITALY.COM

## 8205

eye and eye turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

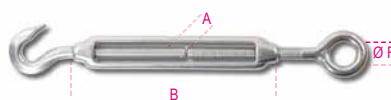
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg	€	📄	📄
M4	62	8	75	6,15	10	082050204
M5	72	11	115	7,35	10	082050205
M6	92	12	160	9,75	8	082050206
M8	122	14	300	15,00	8	082050208
M10	150	16	470	22,60	4	082050210
M12	201	18	690	38,50	1	082050212
M14	225	22	940	96,00	1	082050214
M16	244	26	1290	98,00	1	082050216
M20	295	29	2130	141,50	1	082050220
M24	350	33	3000	324,00	1	082050224

## 8206

hook and eye turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

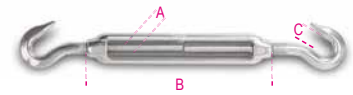
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg	€	📄	📄
M5	72	11	25	7,45	10	082060205
M6	92	12	45	10,30	5	082060206
M8	122	14	95	15,70	5	082060208
M10	150	16	140	24,00	1	082060210
M12	201	18	300	40,00	1	082060212
M14	225	22	420	96,50	1	082060214
M16	244	26	570	98,50	1	082060216
M20	295	29	875	144,00	1	082060220

## 8207

hook and hook turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

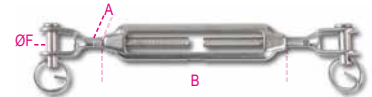
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	C mm	WFL kg	€	📄	📄
M5	72	9	25	7,90	10	082070205
M6	92	9	45	10,40	5	082070206
M8	122	10	95	16,00	5	082070208
M10	150	12	140	24,40	1	082070210
M12	201	14	300	40,50	1	082070212
M14	225	15	420	98,00	1	082070214
M16	244	16	570	101,50	1	082070216
M20	295	19	875	149,00	1	082070220

## 8209

jaw and jaw turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

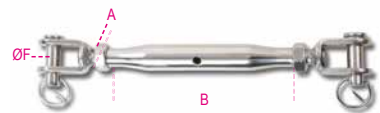
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg	€	📄	📄
M5	72	5	115	13,20	5	082090205
M6	92	6	160	15,50	5	082090206
M8	122	8	300	22,30	5	082090208
M10	150	10	470	36,50	1	082090210
M12	201	12	690	59,00	1	082090212
M14	225	14	940	79,50	1	082090214
M16	244	16	1290	120,00	1	082090216
M20	295	20	2130	211,00	1	082090220
M24	350	24	3060	512,00	1	082090224

## 8210

jaw and jaw pipe turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg	€	📄	📄
M5	81	5	115	16,60	3	082100205
M6	92	6	160	20,00	3	082100206
M8	112	8	300	29,00	1	082100208
M10	121	10	470	45,50	1	082100210
M12	150	12	690	75,50	1	082100212
M14	169	14	940	98,00	1	082100214
M16	190	16	1290	145,00	1	082100216
M20	220	20	2130	252,00	1	082100220



## 8210FTP

rigging screws with fixed jaw and press-fitting terminal

pipe turnbuckle bodies

AISI 316 stainless steel

Steel with Nickel, Chromium and Molybdenum for increased corrosion resistance.



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	A mm	øD mm	WFL kg	€		
M5	159	2,70	150	18,50	2	082100605
M6	179	3,30	250	21,90	2	082100606
M8	216	4,30	350	30,00	1	082100608
M10	241	5,30	550	46,00	1	082100610
M12	300	6,30	1000	67,00	1	082100612
M14	345	7,30	1350	101,50	1	082100614
M16	383	8,30	1625	147,50	1	082100616
M20	484	10,50	2125	251,00	1	082100620

## 8201T

pipe bodies

AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

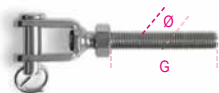
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ø mm	ø "	WFL kg	L mm	€		
M6	1/4	160	95	3,70	5	082010406
M8	5/16	300	105	5,45	5	082010408
M10	3/8	470	125	9,15	3	082010410
M12	1/2	690	150	16,00	3	082010412
M14	9/16	940	165	17,00	1	082010414
M16	5/8	1290	190	29,00	1	082010416
M20	3/4	2130	210	43,50	1	082010420

## 8210F

turnbuckle jaws,

stainless steel AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø mm	≈	G mm	WFL kg	€		
M5	3/16	38,5	115	5,50	4	082100305
M6	1/4	49	160	6,15	4	082100306
M8	5/16	56	300	8,95	4	082100308
M10	3/8	61	470	15,30	2	082100310
M12	1/2	81	690	24,10	2	082100312
M14	9/16	93	940	38,00	2	082100314

## left-handed thread

ø mm	≈	G mm	WFL kg	€		
M5	3/16	38,5	115	5,50	4	082100405
M6	1/4	49	160	6,15	4	082100406
M8	5/16	56	300	8,95	4	082100408
M10	3/8	61	470	15,30	2	082100410
M12	1/2	81	690	24,10	2	082100412
M14	9/16	93	940	38,00	2	082100414

## 8248

eye tie rods,  
stainless steel 316L,  
right thread



UNI 6058

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

øxL mm	F mm	€		
8X120	6	7,15	1	082480008
10x80	8	9,65	1	082480010
10x130	8	12,90	1	082480012
12x95	10	14,60	1	082480016
12x125	10	17,40	1	082480018

## 8249

fastening eyebolts, right thread  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	øB mm	D mm	WFL kg	€		
M5	11	50	100	2,67	10	082490205
M6	13	55	160	3,35	10	082490206
M8	17	60	300	5,40	5	082490208
M10	21	80	470	9,65	5	082490210
M12	25	120	690	16,80	2	082490212

## 8249G

fastening hooks  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

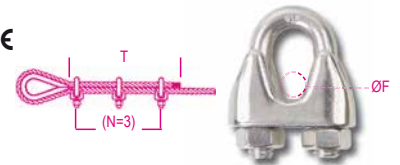
A mm	E mm	øF mm	WFL kg	€		
M5	39	9	25	1,28	5	082490305
M6	43	10,5	45	1,53	5	082490306
M8	57	14,5	95	2,67	3	082490308

## 8216

wire rope clips

AISI 316

CE



### LABORATORY TESTS

- chemical analysis
- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

øF mm	"	T	N	€		
2	5/64	80	3	3,10	20	082160202
3	1/8	80	3	3,15	20	082160203
4	5/32	80	3	3,55	20	082160204
5	3/16	110	3	4,00	20	082160205
6	1/4	120	5	4,50	10	082160206
8	5/16	210	5	5,95	10	082160208
10	3/8	240	5	8,30	8	082160210
12-13	1/2	300	5	11,50	5	082160213
16	5/8	335	5	17,00	5	082160216
20	3/4	540	5	21,50	5	082160220
22	7/8	595	7	34,50	3	082160222

## special free service boxes

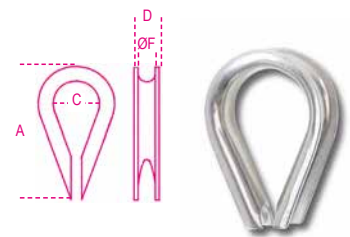


øF mm		€		
2	4	13,10	1	082169402
3	4	13,20	1	082169403
4	4	14,80	1	082169404
5	2	8,95	1	082169405
6	2	10,10	1	082169406
8	2	13,10	1	082169408
10	2	17,70	1	082169410

## 8220

thimbles

AISI 316



### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

øF mm	D mm	A mm	C mm	€		
2	4,5	21	7,5	1,01	15	082200202
3	6	24	10	1,11	15	082200203
4	6,6	28	11	1,28	10	082200204
5	8,5	30	13	1,53	10	082200205
6	10	37	15	1,74	10	082200206
8	12,5	51	23	2,74	5	082200208
10	14,6	56	27	3,35	5	082200210
12	18	68	32	4,60	5	082200212
14	19	69	34	5,95	5	082200214
16	22	83	37	6,70	5	082200216
18	23	81	38	7,90	1	082200218
20	27,8	105	45	9,30	1	082200220
22	29,6	112	45	12,10	1	082200222

## 8225

dee shackles  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg	€		
4	5/32	8	50	3,25	20	082250204
5	3/16	11	70	3,60	20	082250205
6	1/4	13	100	3,90	10	082250206
8	5/16	17	250	6,35	10	082250208
10	3/8	21	400	9,15	8	082250210
12	1/2	25	600	15,00	3	082250212
16	5/8	32	1000	33,00	1	082250216
19	3/4	38	1600	55,00	1	082250219
22	7/8	43	2000	85,50	1	082250222
25	1	46	2800	125,00	1	082250225

## 8227

long dee shackles  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg	€		
4	5/32	8	50	2,74	10	082270204
5	3/16	10	70	3,15	10	082270205
6	1/4	13,5	100	4,00	5	082270206
8	5/16	17	250	6,55	5	082270208
10	3/8	21	400	10,80	2	082270210
12	1/2	25	600	17,10	1	082270212

## 8228

bow shackles  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	B mm	WFL kg	€		
4	13	20	60	2,48	10	082280204
5	17	23	80	2,87	10	082280205
6	20	27	100	3,25	10	082280206
8	28	36	200	5,20	5	082280208
10	36	44	300	8,30	5	082280210
12	41	53	500	13,30	5	082280212
16	54	74	800	29,00	1	082280216
19	66	86	1100	53,00	1	082280219

## 8240F

lifting eye bolts, FORGED  
stainless steel A4

CE



### TECHNICAL DATA

- safety factor: 6
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	WLL mm	WLL kg	€		
M6	1,0	120	7,45	4	082400406
* M8	1,25	200	8,30	4	082400408
* M10	1,5	400	14,00	4	082400410
* M12	1,75	600	22,70	4	082400412
* M14	2	1000	36,50	2	082400414
* M16	2	1200	36,50	2	082400416
* M20	2,5	2000	59,00	2	082400420
* M24	3	2700	111,50	2	082400424
* M30	3,5	4000	247,00	1	082400430

(\* ) WLL increased compared to DIN standard according to Technical Specifications R/FT/8240F (guaranteed for stainless steel / stainless steel fits)

## 8240

eye bolts,  
stainless steel AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø C mm	WFL kg	€		
M6	41	15	90	2,14	10	082400206
M8	50	20	140	3,20	10	082400208
M10	62	25	230	6,40	5	082400210
M12	74	30	340	10,80	5	082400212

## 8242F

lifting eye nuts, FORGED  
stainless steel A4

CE



### TECHNICAL DATA

- safety factor: 6
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of conformity

ø mm	WLL mm	WLL kg	€		
M6	1,0	120	7,45	4	082420406
* M8	1,25	200	8,30	4	082420408
* M10	1,5	400	14,00	4	082420410
* M12	1,75	600	22,70	4	082420412
* M14	2	1000	36,50	2	082420414
* M16	2	1200	36,50	2	082420416
* M20	2,5	2000	59,00	2	082420420
* M24	3	2700	111,50	2	082420424
* M30	3,5	4000	247,00	1	082420430

(\* ) WLL ø M10÷M24

- increased according to Technical File R/FT/8242F
- guaranteed with stainless steel coupling

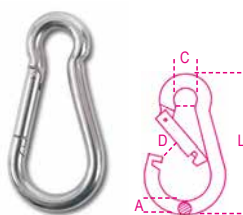


**8242**  
eye nuts  
stainless steel AISI 316



A	B	ø C	WFL	€		
mm	mm	mm	kg			
M6	27	15	90	2,14	10	082420206
M8	36	20	140	3,20	10	082420208
M10	45	25	230	6,40	5	082420210
M12	55	30	340	10,80	5	082420212

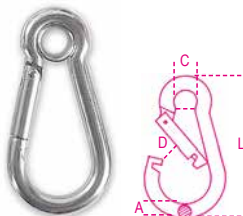
**8274**  
carabine hooks  
AISI 316



**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical product specifications  
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	€		
mm	mm	mm	kg			
4,5x40	6,5	6	20	2,92	20	082740204
5x50	7	6,5	30	2,92	20	082740205
6x60	8,5	7,5	40	3,10	10	082740206
7x70	10	9	60	3,70	10	082740207
8x80	12	10	75	4,95	10	082740208
9x90	12,5	10,5	100	6,80	10	082740209
10x100	15	13	120	8,45	8	082740210
11x120	19	18	140	12,10	1	082740211
12x140	22	21	140	16,50	1	082740212
13x160	22	26	200	20,70	1	082740213

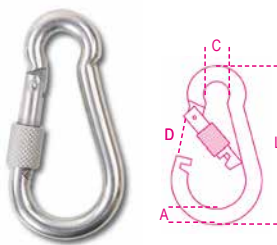
**8274A**  
ring carabine hooks  
AISI 316



**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical Product Specifications  
• Test Report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	€		
mm	mm	mm	kg			
5x50	6,5	7	30	2,87	10	082740405
6x60	7,5	7,5	40	3,45	5	082740406
8x80	9,5	10	75	5,70	5	082740408

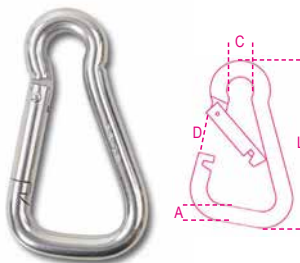
**8274G**  
carabine hooks with screw nut  
AISI 316



**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical product specifications  
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	€		
mm	mm	mm	kg			
6x60	8,5	6,5	40	3,80	5	082740306
8x80	12	8,5	75	6,85	5	082740308
10x100	15	12	120	13,10	3	082740310

**8276**  
asymmetric carabine hooks  
AISI 316

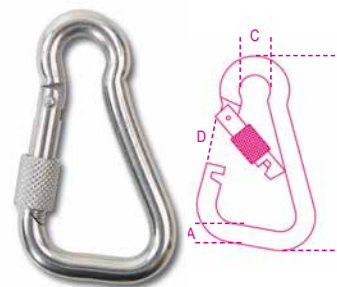


**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical product specifications  
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	€		
mm	mm	mm	kg			
6x60	8,5	10	40	3,45	5	082760206
8x80	12	14	75	5,95	5	082760208
10x100	15	18	120	10,50	3	082760210

**Robur**

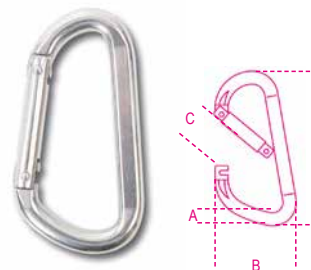
**8276G**  
asymmetric carabine hooks with screw nut  
AISI 316



**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical product specifications  
• Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	€		
mm	mm	mm	kg			
6x60	8,5	9	40	4,40	3	082760306
8x80	12	12,5	75	7,90	3	082760308
10x100	15	16	120	14,40	3	082760310

**8278**  
trapezoidal carabine hooks  
AISI 316



**LABORATORY TESTS**  
• chemical analysis  
• tensile test  
**AVAILABLE CERTIFICATES**  
• Technical product specifications  
• Test report UNI EN10204 type 2.2

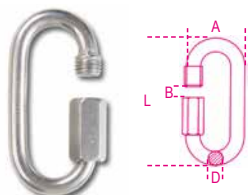
ø A x L	B	C	WFL	€		
mm	mm	mm	kg			
8x80	45	14	75	13,30	3	082780208
10x100	55	16	120	20,70	3	082780210

**Robur**



## 8280

quick links  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D x L mm	A mm	B mm	WFL kg	€		
3,5x35	17	5	20	3,40	10	082800203
4x40	19	6	30	3,60	10	082800204
5x50	23	7	50	4,40	5	082800205
6x60	26	8	60	5,20	5	082800206
7x70	30	9	100	5,95	5	082800207
8x80	33	10	140	8,40	2	082800208
10x90	40	12	220	13,70	2	082800210
12x100	47	14	300	20,70	1	082800212

## 8250

spring snap-casting eye end  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

L mm	A mm	ø B mm	WFL kg	€		
50	25	8	40	4,25	5	082500205
70	31	12,5	90	6,50	5	082500207
100	47	20	190	10,50	2	082500210

## 8264

swivel eye bolt snap  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

B mm	L mm	C mm	WFL kg	€		
12	88	12	60	11,40	5	082640212
16	90	12	60	11,80	5	082640216
19	93	12	60	11,90	2	082640219

## 8267

swivel eye snap  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

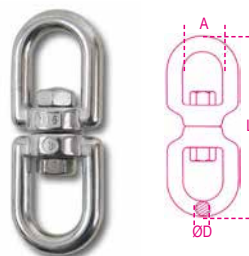
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	L mm	B mm	WFL kg	€		
10	87	21	30	10,10	5	082670210
12	118	22	70	16,90	2	082670213

## 8272

eye and eye swivels  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

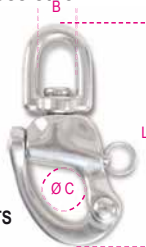
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	L mm	WFL kg	€		
4	11	50	90	5,70	5	082720204
5	13	60	115	7,45	5	082720205
6	15	66	140	9,20	5	082720206
8	19	90	250	14,80	3	082720208
10	23	112	300	22,80	1	082720210
13	33	148	650	46,00	1	082720213
16	38	184	1000	86,00	1	082720216
19	40	223	1600	153,50	1	082720219

## 8273

quick-release hooks  
with swivel eyes  
AISI 316 stainless steel



### LABORATORY TESTS

- chemical analysis
- tensile test

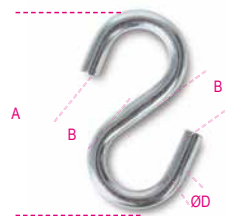
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C x L mm	B mm	WFL kg	BF kg	€		
12x70	12	230	1100	17,40	1	082730012
16x85	14,50	440	2000	24,10	1	082730016
22x120	20	700	3500	38,00	1	082730022

## 8282S

S-hooks, symmetric  
AISI 316 stainless steel



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204

ø D mm	B mm	A mm	WFL kg	€		
3	5,5	34	4	0,31	40	082820303
4	7,0	40	5	0,62	30	082820304
5	9,0	46	12	1,01	20	082820305
6	10	54	18	1,68	15	082820306

## 8284

pelican hooks terminals  
AISI 316 stainless steel



### LABORATORY TESTS

- chemical analysis
- tensile test

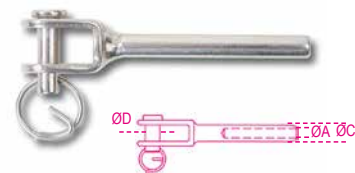
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C mm	B mm	L mm	WFL kg	€		
6	11	73	200	16,80	3	082840006
8	14	98	300	22,70	3	082840008
10	23	143	450	47,00	1	082840010

## 8285

jaw terminals  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A M	ø C mm	ø D mm	WFL kg	€		
3	6,3	6	180	3,35	5	082850203
4	7,5	8	200	5,40	3	082850204
5	9	10	330	7,35	2	082850205
6	12,5	12	720	15,30	2	082850206
7	12,5	12	850	16,40	2	082850207
8	15,5	16	1120	22,00	2	082850208
10	18	16	1300	31,00	2	082850210
12	20	19	2400	37,00	2	082850212

## 8286

eye terminals  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

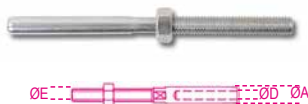
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	Ø C	WFL	€		
M	mm	mm	kg			
3	6,5	6,3	180	3,45	5	082860203
4	8,5	7,5	200	4,00	3	082860204
5	10	9	330	5,40	2	082860205
6	12,5	12,6	720	8,85	2	082860206
7	12,5	14,2	850	9,55	2	082860207
8	14,5	16	1120	16,00	2	082860208
10	16,4	18	1300	28,00	2	082860210
12	19,3	20	2400	40,00	2	082860212

## 8287

swage studs  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D	Ø A	E	WFL	€		
M	mm	mm	kg			
3	6,2	M6	180	3,00	5	082870203
4	7,5	M8	200	4,25	3	082870204
5	8,7	M10	330	5,95	2	082870205
6	12,6	M12	720	10,90	2	082870206
7	12,6	M14	850	15,20	2	082870207
8	16	M16	1120	22,00	2	082870208
10	18	M16	1300	24,40	2	082870210
12	20	M20	2400	33,50	2	082870212

## 8290

pad eyes  
AISI 316



### LABORATORY TESTS

- chemical analysis

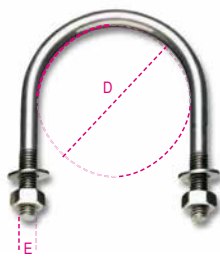
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A	B	Ø C	L	€		
mm	mm	mm	mm			
5	18	4,3	40	1,08	5	082900205
6	22	5,2	44	1,53	5	082900206
8	23	5,2	51	2,41	5	082900208

## 8381SX

U bolts for pipes



AISI 304

### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

- Test report UNIEN10204 type 2.2

D	D	E	€		
mm	gas	mm			
11	1/8"	M6	2,67	20	083810401
14	1/4"	M6	2,74	20	083810402
18	3/8"	M6	2,81	20	083810403
22	1/2"	M6	2,87	20	083810404
27	3/4"	M6	2,92	20	083810405
34	1"	M6	3,10	20	083810406
43	1 1/4"	M6	3,55	20	083810407
49	1 1/2"	M8	6,35	10	083810408
61	2"	M8	7,00	10	083810409
77	2 1/2"	M8	8,05	10	083810410
89	3"	M8	8,95	10	083810412
115	4"	M8	11,50	10	083810413
168	6"	M10	22,00	1	083810416
220	8"	M10	26,50	1	083810418

## 8279

Genovese chains  
for static connections,  
AISI 304 stainless steel



### TECHNICAL DATA

- safety factor: 4

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL	€		
		kg			
2	13	20	260,00	1	082790020
3	17	55	474,00	1	082790030
4	19	100	668,00	1	082790040
5	21	250	734,00	1	082790050
6	23	310	747,00	1	082790060
8	27	400	734,00	1	082790080
10	30	1000	1.150,00	1	082790400

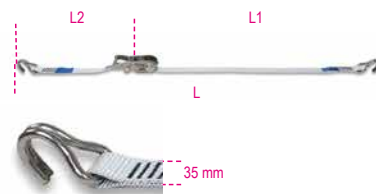
Caution: product NOT designed for lifting purposes



## 8293

ratchet tie downs AISI 304  
high-tenacity polyester belt, LC 300 kg,  
with hooks

hangable



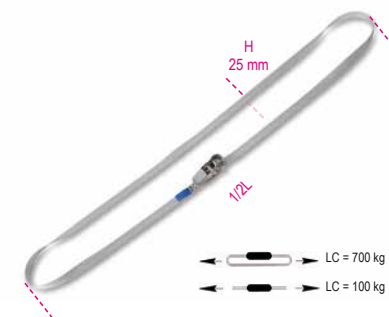
L	L2	L1	STF	€		
m	mm	mm	daN			
6	5700	300	100	74,50	1	082930106

LC = 300 kg

## 8297C

ratchet tie downs,  
with mini-ratchets, AISI 304  
high-tenacity polyester belt, LC 700 kg

hangable

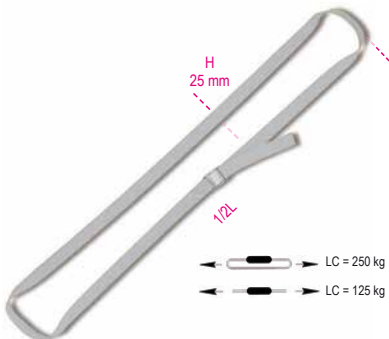


L	H	€		
m	mm			
5	25	32,50	1	082970350

## 8297F

2 cam buckle straps,  
AISI 304,  
high-tenacity polyester belt, LC 250 kg

hangable



L	H	€		
m	mm			
3	25	32,50	1	082970230

LC = 250 kg

## POLYESTER SLINGS

### TECHNICAL DATA

- safety factor: 7
- traceability code

### LABORATORY TESTS

- tensile test

### AVAILABLE CERTIFICATES

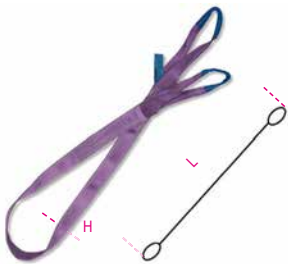
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN1492
- CE Declaration of Conformity

				$\beta = 0^\circ + 45^\circ$	$\beta = 45^\circ + 90^\circ$
	1t	0,8t	2t	1,4t	1t
	2t	1,6t	4t	2,8t	2t
	3t	2,4t	6t	4,2t	3t
	4t	3,2t	8t	5,6t	4t
	5t	4t	10t	7t	5t
	6t	4,8t	12t	8,4t	6t
	8t	6,4t	16t	11,2t	8t
	10t	8t	20t	14t	10t
	12t	9,6t	24t	16,8t	12t
	15t	12t	30t	21t	15t
	20t	16t	40t	28t	20t
	25t	20t	50t	35t	25t
	30t	24t	60t	42t	30t
	40t	32t	80t	56t	40t
	50t	40t	100t	70t	50t

## 8150

lifting web slings, purple 1t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

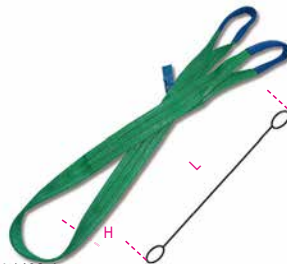
L m	H mm	WLL ton	€	U	Icon
0,5	30	1	5,50	1	081500005
1	30	1	6,95	1	081500010
1,5	30	1	8,95	1	081500015
2	30	1	9,90	1	081500020
2,5	30	1	11,30	1	081500025
3	30	1	12,60	1	081500030
3,5	30	1	14,00	1	081500035
4	30	1	16,20	1	081500040
5	30	1	19,00	1	081500050
6	30	1	21,80	1	081500060
8	30	1	28,50	1	081500080

# Robur

## 8153

lifting web slings, green 2t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



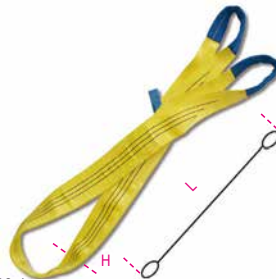
UNI EN 1492-1

L m	H mm	WLL ton	€	U	Icon
1	60	2	11,00	1	081530010
1,5	60	2	14,80	1	081530015
2	60	2	17,00	1	081530020
2,5	60	2	20,00	1	081530025
3	60	2	23,10	1	081530030
3,5	60	2	27,00	1	081530035
4	60	2	28,50	1	081530040
5	60	2	35,00	1	081530050
6	60	2	41,00	1	081530060
8	60	2	52,50	1	081530080
10	60	2	63,50	1	081530100

## 8156

lifting web slings, yellow 3t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



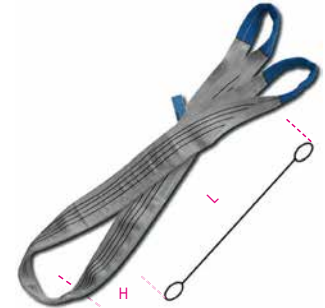
UNI EN 1492-1

L m	H mm	WLL ton	€	U	Icon
1	90	3	15,60	1	081560010
1,5	90	3	20,60	1	081560015
2	90	3	25,50	1	081560020
2,5	90	3	30,00	1	081560025
3	90	3	35,50	1	081560030
3,5	90	3	39,50	1	081560035
4	90	3	43,50	1	081560040
5	90	3	53,00	1	081560050
6	90	3	61,50	1	081560060
8	90	3	80,50	1	081560080
10	90	3	98,50	1	081560100
12	90	3	123,50	1	081560120

## 8157

lifting web slings, grey 4t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton	€	U	Icon
2	120	4	35,00	1	081570020
3	120	4	46,50	1	081570030
4	120	4	60,00	1	081570040
5	120	4	72,50	1	081570050
6	120	4	84,00	1	081570060
8	120	4	109,50	1	081570080
10	120	4	134,00	1	081570100
12	120	4	169,00	1	081570120

## 8158

lifting web slings, red 5t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton	€	U	Icon
2	150	5	48,00	1	081580020
3	150	5	63,50	1	081580030
4	150	5	81,00	1	081580040
5	150	5	97,00	1	081580050
6	150	5	115,00	1	081580060
8	150	5	148,00	1	081580080
10	150	5	182,00	1	081580100
12	150	5	229,00	1	081580120

# Robur



### 8159

lifting web slings, brown 6t  
two layers with reinforced eyes  
high-tenacity polyester (PES)



UNI EN 1492-1

L m	H mm	WLL ton	€	🚚	📄
2	180	6	60,00	1	081590020
3	180	6	88,50	1	081590030
4	180	6	113,00	1	081590040
5	180	6	136,50	1	081590050
6	180	6	159,50	1	081590060
8	180	6	208,50	1	081590080
10	180	6	258,00	1	081590100

### 8160

lifting web slings, blue 8t  
two layers with reinforced eyes  
high-tenacity polyester (PES)

CE



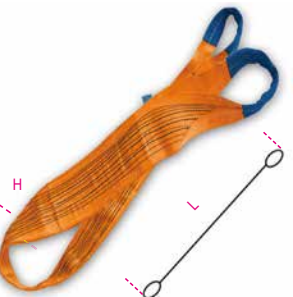
UNI EN 1492-1

L m	H mm	WLL ton	€	🚚	📄
3	240	8	121,50	1	081600030
4	240	8	154,50	1	081600040
5	240	8	183,50	1	081600050
6	240	8	218,00	1	081600060
8	240	8	280,00	1	081600080
10	240	8	349,00	1	081600100

### 8161

lifting web slings, orange 10t  
two layers with reinforced eyes  
high-tenacity polyester (PES)

CE



UNI EN 1492-1

L m	H mm	WLL ton	€	🚚	📄
3	300	10	167,00	1	081610030
4	300	10	245,50	1	081610040
5	300	10	295,00	1	081610050

L m	H mm	WLL ton	€	🚚	📄
6	300	10	343,00	1	081610060
8	300	10	453,00	1	081610080
10	300	10	552,00	1	081610100
12	300	10	663,00	1	081610120

### 8170

lifting round slings, purple 1t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	WLL ton	H mm	€	🚚	📄
0,5	1	45	5,95	1	081700010
1	1	45	7,80	1	081700020
1,5	1	45	11,00	1	081700030
2,5	1	45	17,70	1	081700050
2	1	45	14,30	1	081700040
3	1	45	20,80	1	081700060
4	1	45	27,50	1	081700080
5	1	45	34,50	1	081700100

### 8173

lifting round slings, green 2t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton	€	🚚	📄
0,5	50	2	7,80	1	081730010
1	50	2	11,90	1	081730020
1,5	50	2	17,30	1	081730030
2	50	2	22,70	1	081730040
2,5	50	2	28,00	1	081730050
3	50	2	33,00	1	081730060
4	50	2	44,50	1	081730080
5	50	2	55,50	1	081730100
6	50	2	67,00	1	081730120
8	50	2	87,50	1	081730160

 **Robur**

### 8176

lifting round slings, yellow 3t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton	€	🚚	📄
0,5	60	3	8,60	1	081760010
1	60	3	15,70	1	081760020
1,5	60	3	22,70	1	081760030
2	60	3	29,50	1	081760040
2,5	60	3	36,50	1	081760050
3	60	3	44,00	1	081760060
4	60	3	58,50	1	081760080
5	60	3	73,50	1	081760100
6	60	3	88,50	1	081760120
8	60	3	116,50	1	081760160

### 8177

lifting round slings, grey 4t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

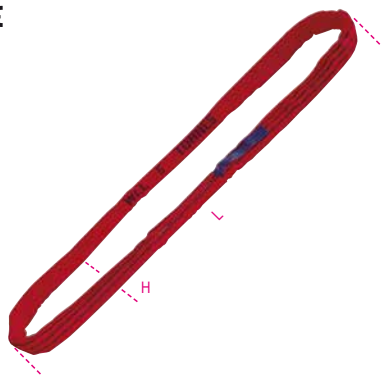
L m	H mm	WLL ton	€	🚚	📄
0,5	65	4	17,20	1	081770010
1	65	4	18,60	1	081770020
1,5	65	4	27,50	1	081770030
2	65	4	36,00	1	081770040
2,5	65	4	45,00	1	081770050
3	65	4	54,00	1	081770060
4	65	4	70,50	1	081770080
5	65	4	88,50	1	081770100
6	65	4	105,50	1	081770120
8	65	4	141,00	1	081770160

 **Robur**

### 8178

lifting round slings, red 5t  
high-tenacity polyester (PES) belt

CE



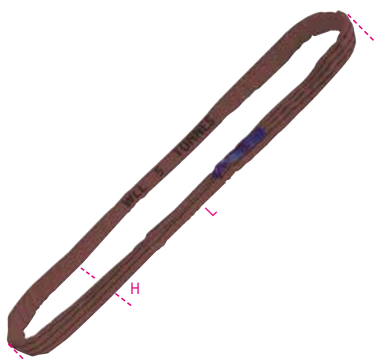
UNI EN 1492-2

L m	H mm	WLL ton	€	📄	📦
0,5	70	5	27,00	1	081780010
1	70	5	23,10	1	081780020
1,5	70	5	34,50	1	081780030
2	70	5	45,00	1	081780040
2,5	70	5	55,00	1	081780050
3	70	5	65,50	1	081780060
4	70	5	87,50	1	081780080
5	70	5	109,50	1	081780100
6	70	5	130,50	1	081780120
8	70	5	174,50	1	081780160

### 8179M

lifting round slings, brown 6t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

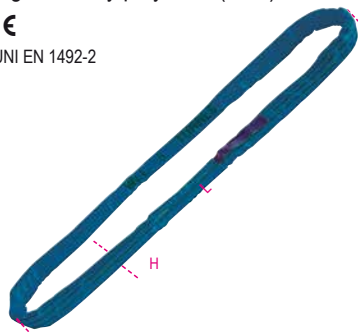
L m	H mm	WLL ton	€	📄	📦
1	80	6	29,00	1	081790020
1,5	80	6	42,50	1	081790030
2	80	6	56,00	1	081790040
2,5	80	6	69,00	1	081790050
3	80	6	80,50	1	081790060
4	80	6	108,00	1	081790080
5	80	6	136,00	1	081790100
6	80	6	161,00	1	081790120
8	80	6	215,00	1	081790160

### 8179B

lifting round slings, blue, 8 t,  
high-tenacity polyester (PES) belt

CE

UNI EN 1492-2



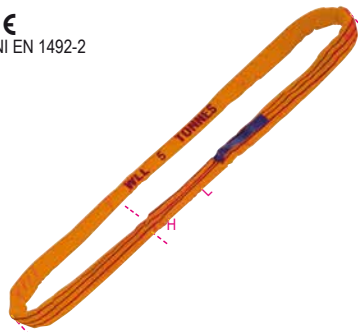
L m	H mm	WLL ton	€	📄	📦
1	85	8	37,00	1	081790220
1,5	85	8	56,00	1	081790230
2	85	8	74,50	1	081790240
2,5	85	8	92,00	1	081790250
3	85	8	107,00	1	081790260
4	85	8	142,50	1	081790280
5	85	8	183,50	1	081790300
6	85	8	214,00	1	081790320
8	85	8	285,00	1	081790360

### 8179A

lifting round slings, orange, 10 t,  
high-tenacity polyester (PES) belt

CE

UNI EN 1492-2



L m	H mm	WLL ton	€	📄	📦
1	95	10	55,50	1	081790502
1,5	95	10	77,00	1	081790503
2	95	10	127,00	1	081790505
2	95	10	109,00	1	081790504
3	95	10	168,00	1	081790506
4	95	10	218,50	1	081790508
5	95	10	245,00	1	081790510
6	95	10	325,00	1	081790512
8	95	10	398,00	1	081790516
10	95	10	545,00	1	081790520
2	100	12	169,00	1	081791204
2,5	100	12	200,00	1	081791205
3	100	12	230,50	1	081791206
3,5	100	12	260,00	1	081791207
4	100	12	292,00	1	081791208
4,5	100	12	295,00	1	081791209
5	100	12	353,00	1	081791210
5,5	100	12	384,00	1	081791211
6	100	12	414,00	1	081791212
6,5	100	12	445,00	1	081791213
7	100	12	476,00	1	081791214
7,5	100	12	506,00	1	081791215
8	100	12	536,00	1	081791216
8,5	100	12	568,00	1	081791217
9	100	12	599,00	1	081791218
9,5	100	12	629,00	1	081791219
10	100	12	659,00	1	081791220
2	110	15	209,50	1	081791504
2,5	110	15	245,00	1	081791505
3	110	15	279,00	1	081791506
3,5	110	15	316,00	1	081791507
4	110	15	351,00	1	081791508
4,5	110	15	385,00	1	081791509
5	110	15	420,00	1	081791510
5,5	110	15	457,00	1	081791511
6	110	15	491,00	1	081791512
6,5	110	15	527,00	1	081791513
7	110	15	562,00	1	081791514
7,5	110	15	596,00	1	081791515

L m	H mm	WLL ton	€	📄	📦
8	110	15	633,00	1	081791516
8,5	110	15	668,00	1	081791517
9	110	15	703,00	1	081791518
9,5	110	15	747,00	1	081791519
10	110	15	773,00	1	081791520
2	130	20	246,50	1	081792004
2,5	130	20	289,00	1	081792005
3	130	20	332,00	1	081792006
3,5	130	20	374,00	1	081792007
4	130	20	418,00	1	081792008
4,5	130	20	460,00	1	081792009
5	130	20	503,00	1	081792010
5,5	130	20	546,00	1	081792011
6	130	20	589,00	1	081792012
6,5	130	20	631,00	1	081792013
7	130	20	673,00	1	081792014
7,5	130	20	716,00	1	081792015
8	130	20	759,00	1	081792016
8,5	130	20	803,00	1	081792017
9	130	20	845,00	1	081792018
9,5	130	20	888,00	1	081792019
10	130	20	931,00	1	081792020
2	135	25	273,00	1	081792504
2,5	135	25	326,00	1	081792505
3	135	25	380,00	1	081792506
3,5	135	25	432,00	1	081792507
4	135	25	487,00	1	081792508
4,5	135	25	540,00	1	081792509
5	135	25	594,00	1	081792510
5,5	135	25	647,00	1	081792511
6	135	25	701,00	1	081792512
6,5	135	25	755,00	1	081792513
7	135	25	809,00	1	081792514
7,5	135	25	861,00	1	081792515
8	135	25	915,00	1	081792516
8,5	135	25	969,00	1	081792517
9	135	25	1.023,00	1	081792518
9,5	135	25	1.076,00	1	081792519
10	135	25	1.129,00	1	081792520
2	160	30	320,00	1	081793004
2,5	160	30	385,00	1	081793005
3	160	30	451,00	1	081793006
3,5	160	30	516,00	1	081793007
4	160	30	582,00	1	081793008
4,5	160	30	647,00	1	081793009
5	160	30	712,00	1	081793010
5,5	160	30	777,00	1	081793011
6	160	30	843,00	1	081793012
6,5	160	30	908,00	1	081793013
7	160	30	972,00	1	081793014
7,5	160	30	1.038,00	1	081793015
8	160	30	1.103,00	1	081793016
8,5	160	30	1.167,00	1	081793017
9	160	30	1.230,00	1	081793018
9,5	160	30	1.300,00	1	081793019
10	160	30	1.365,00	1	081793020
2	165	40	445,00	1	081794004
2,5	165	40	497,00	1	081794005
3	165	40	578,00	1	081794006
3,5	165	40	660,00	1	081794007
4	165	40	742,00	1	081794008
4,5	165	40	823,00	1	081794009
5	165	40	905,00	1	081794010
5,5	165	40	987,00	1	081794011
6	165	40	1.068,00	1	081794012
6,5	165	40	1.150,00	1	081794013
7	165	40	1.230,00	1	081794014
7,5	165	40	1.315,00	1	081794015
8	165	40	1.390,00	1	081794016
8,5	165	40	1.480,00	1	081794017
9	165	40	1.560,00	1	081794018
9,5	165	40	1.640,00	1	081794019
10	165	40	1.720,00	1	081794020
3	180	50	670,00	1	081795006
3,5	180	50	765,00	1	081795007
4	180	50	859,00	1	081795008
4,5	180	50	951,00	1	081795009
5	180	50	1.044,00	1	081795010
5,5	180	50	1.137,00	1	081795011
6	180	50	1.230,00	1	081795012
6,5	180	50	1.325,00	1	081795013
7	180	50	1.415,00	1	081795014
7,5	180	50	1.510,00	1	081795015
8	180	50	1.600,00	1	081795016
8,5	180	50	1.690,00	1	081795017
9	180	50	1.780,00	1	081795018
9,5	180	50	1.880,00	1	081795019
10	180	50	1.970,00	1	081795020








## 8166

anti-abrasion sheaths for slings,  
high-tenacity polyester (PES),  
with elastomer underlayer



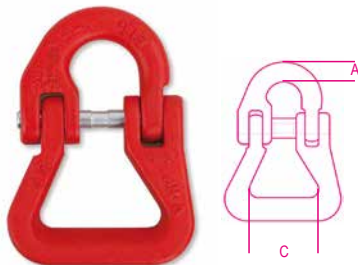
H mm	ø mm	L m	€		
70	45	3	24,00	1	081660073
80	52	3	28,00	1	081660083
110	70	3	34,00	1	081660103
155	100	3	71,50	1	081660153
170	110	3	79,00	1	081660170
235	150	4	215,50	1	081660235

H mm			
70	8150	8170-8173	081660073
80	8153	8176	081660083
110	8153-8156	8177-8178	081660103
155	8157	8178-8179A 8179B-8179M	081660153
170	8158	-	081660170
235	8159	-	081660235

## 8090F

lifting connecting links for polyester slings,  
alloy steel, painted

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening and tempering
  - traceability code
- ### LABORATORY TESTS
- chemical analysis, metallographic analysis
  - proof load test (WLL x 2.5)
  - tensile test
  - fatigue test (min. 20,000 cycles)
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

WLL kg	Ø mm	A mm	C mm	€		
2000	7-8	10,5	40	29,50	1	080900220
3150	10	12	50	37,00	1	080900232
5300	13	17	60	56,50	1	080900253
8000	16	21	75	86,50	1	080900280

# Robur

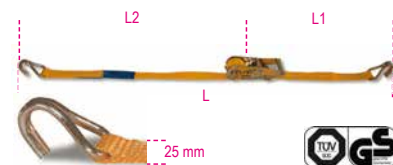
## RATCHET TIE DOWNS

### TECHNICAL DATA

- safety factor: 2
  - traceability code
- ### LABORATORY TESTS
- ratchet pretensioning test
  - metal parts deformation test
  - complete system tensile test
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2

## 8180

ratchet tie down with single hook, LC 750kg  
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN	€		
4	3750	250	200	14,40	1	081800004
6	5750	250	200	16,60	1	081800006
8	7750	250	200	18,70	1	081800008

LC = 750 kg

## 8181

ratchet tie down with single hook, LC 1000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN	€		
4	3600	400	180	17,60	1	081810004
6	5600	400	180	20,20	1	081810006
8	7600	400	180	22,10	1	081810008

LC = 1000 kg

## 8181S

ratchet tie down with double hook, LC 1000kg,  
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN	€		
6	5600	400	180	19,60	1	081810206

LC = 1000 kg



### 8182E

ratchet tie downs for van and truck interiors,  
LC 1000 kg,  
high-tenacity polyester (PES) belt



EN 12195-2

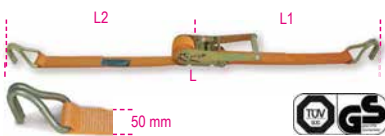
L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
4	3500	500	220	20,20	1	081820440

LC = 1000 kg

	L2 mm	€	🚚	🚛
8182EL	2500	6,20	1	081820942
8182EC		13,40	1	081820945

### 8182T

ratchet tie down with double hook, LC 1500kg,  
high-tenacity polyester (PES) belt



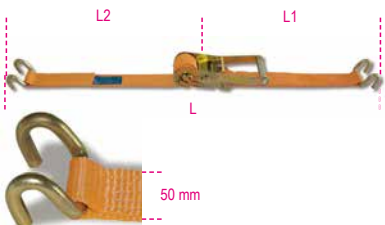
EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
8,5	8100	400	300	31,00	1	081821085
10,5	10100	400	300	34,00	1	081821105

LC = 1500 kg

### 8182TS

ratchet tie down with single hook, LC 1500kg,  
high-tenacity polyester (PES) belt



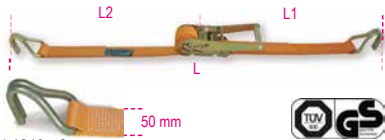
EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
8,5	8100	400	300	32,00	1	081821285
10,5	10100	400	300	36,00	1	081821305

LC = 1500 kg

### 8182

ratchet tie down with single hook, LC 2000kg  
high-tenacity polyester (PES) belt



EN 12195-2

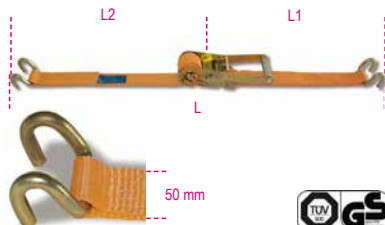
L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
4,5	4100	400	300	28,00	1	081820045
6,5	6100	400	300	33,00	1	081820065
8,5	8100	400	300	35,50	1	081820085
10,5	10100	400	300	40,50	1	081820105
14,5	14100	400	300	46,00	1	081820145
16,5	16100	400	300	52,50	1	081820165

LC = 2000 kg

	L2 mm	€	🚚	🚛
8182LP long part	8100	19,60	1	081820902
8182SP short part		20,20	1	081820905

### 8182S

ratchet tie down with double hook, LC 2000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
6,5	6100	400	400	32,00	1	081820265
8,5	8100	400	350	37,00	1	081820285
10,5	10100	400	350	40,50	1	081820305

LC = 2000 kg

	L2 mm	€	🚚	🚛
8182SLP long part	8100	19,10	1	081820912
8182SSP short part		19,60	1	081820915

### 8182GD

ratchet tie down with delta hook, LC 2000 kg,  
high-tenacity polyester belt (PES)



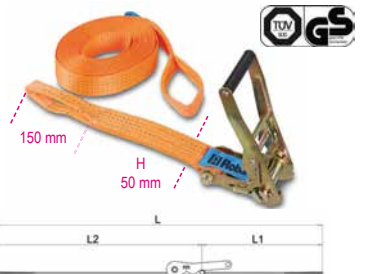
EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
8,5	8100	400	300	42,50	1	081820485

LC = 2000 kg

### 8182A

ratchet tie downs with 2 eyes,  
high-tenacity polyester (PES) belt,  
LC 2000 kg



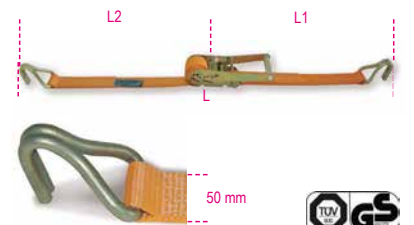
EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
8,5	8100	400	300	37,00	1	081820585

LC = 2000 kg

### 8182H

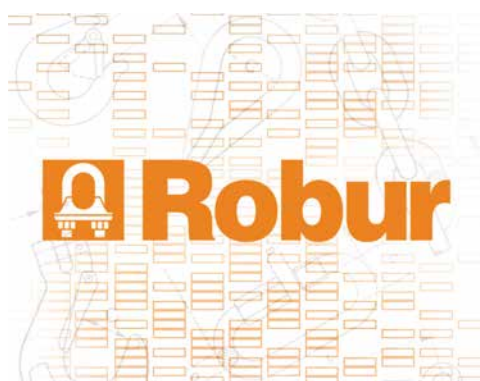
ratchet tie down with single hook, LC 2500kg,  
high-tenacity polyester (PES) belt



EN 12195-2

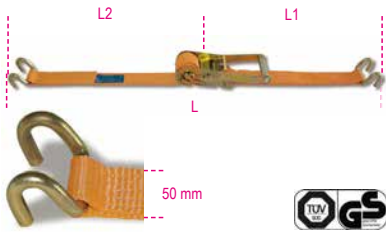
L m	L2 mm	L1 mm	STF daN	€	🚚	🚛
6,5	6100	400	300	36,00	1	081820406
8,5	8100	400	300	39,00	1	081820408
10,5	10100	400	300	43,00	1	081820410
14,5	14100	400	300	54,50	1	081820414

LC = 2500 kg



### 8182H/2

ratchet tie down with double hook, LC 2500 kg, high-tenacity polyester (PES)



EN 12195-2

L m	L1 mm	L2 mm	STF daN	€	📦	🖨️
8,5	8100	400	300	41,50	1	081820385

LC = 2500 kg

### 8184

reverse ratchet tie down, long lever, with single hook, LC 2500 kg, high-tenacity polyester (PES) belt



EN12195-2

L m	L2 mm	L1 mm	STF daN	€	📦	🖨️
6,5	6100	400	500	40,00	1	081840065
8,5	8100	400	500	42,00	1	081840085
10,5	10100	400	500	45,00	1	081840105

LC = 2500 kg

### 8183

ratchet tie down with single hook, LC 5000 kg, high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	STF daN	€	📦	🖨️
8,5	8000	500	500	113,50	1	081830085
12,5	12000	500	500	135,50	1	081830125

LC = 5000 kg

### 8190

ratchet load binder with 2 hooks  
Grade 8



EN12195/3

#### TECHNICAL DATA

- Safety factor: 2
  - Heat treatment: hardening and tempering
  - Traceability code
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1

∅ mm	LC daN	∅ mm	LC daN	€	📦	🖨️
10	6300	8	4000	83,00	1	081900010

\* CAUTION: The product can be used with an 8-mm chain, provided WLL is reduced (LC 4000 daN)

### 8190B

lashing chains



EN12195/3

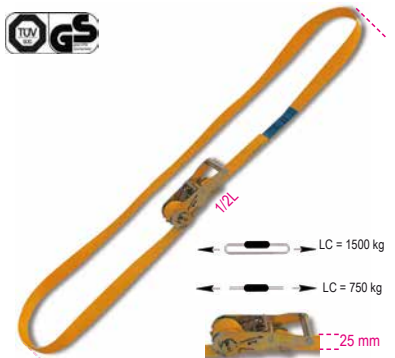
#### TECHNICAL DATA

- Safety factor: 2
  - Heat treatment: hardening tempering
  - Chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN 10204 type 2.2

∅ mm	LC daN	L m	L1 m	€	📦	🖨️
8	4000	3,5	3,30	173,00	1	081901308
10	6300	3,5	3,28	261,00	1	081901310

### 8185

ring ratchet tie down, LC 1500kg  
high-tenacity polyester (PES) belt



EN 12195-2

L m	STF daN	€	📦	🖨️
5	200	11,90	1	081850005
8	200	14,40	1	081850008

### 8186

ring ratchet tie down, LC 2000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L m	STF daN	€	📦	🖨️
5	180	14,40	1	081860005
8	180	18,30	1	081860008

### 8187

ring ratchet tie down, LC 4000 kg  
high-tenacity polyester (PES) belt



EN 12195-2

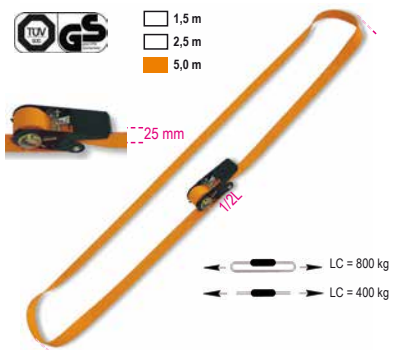
L m	STF daN	€	📦	🚚
5	350	26,50	1	081870005
8	350	31,00	1	081870008

### 8188C

ring ratchet tie downs, LC 750 kg,  
high-tenacity polyester (PES) belt



- 1,5 m
- 2,5 m
- 5,0 m



EN 12195-2

L m	STF daN	€	📦	🚚
1,5	72	4,75	3	081880315
2,5	72	5,65	3	081880325
5	72	7,05	3	081880350

### 8188CG/25

ratchet tie downs with S-hooks and Eyes,  
LC 400 kg  
high-tenacity polyester (PES) strap



EN 12195-2

L m	L1 mm	L2 mm	STF daN	€	📦	🚚
3	480	170	120	10,60	1	081880430
5	480	170	120	11,40	1	081880450

### 8188CU/25

ratchet tie downs with single hooks,  
LC 400 kg,  
high-tenacity polyester (PES)



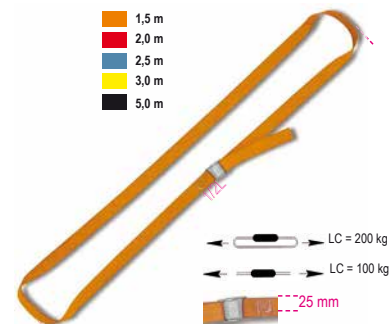
EN 12195-2

L m	L1 mm	L2 mm	€	📦	🚚
5	300	4700	10,90	1	081880750

### 8188F

cam buckle straps, LC 200 kg,  
high-grade polypropylene (PP) belt

- 1,5 m
- 2,0 m
- 2,5 m
- 3,0 m
- 5,0 m



EN 12195-2

L m	€	📦	🚚
1,5	2,72	10	081880215
2,0	2,92	10	081880220
2,5	3,25	10	081880225
3,0	3,45	10	081880230
5,0	4,40	6	081880250

### 8188F35

cam buckle straps, LC 500 kg,  
high-tenacity polypropylene (PP) belt



EN 12195-2

L m	€	📦	🚚
5	9,85	1	081880295

### 8188VFG2

cam buckle strap with S-hooks and Eyes,  
LC 250 kg  
high-grade polypropylene (PP) belt



EN 12195-2

L m	L1 mm	L2 mm	€	📦	🚚
3	450	110	14,00	1	081881530

### 8189

polyester belt (PES)  
for ratchet tie downs



H mm	L m	LC kg	€	📦	🚚
25	100	750	95,50	1	081890902
35	100	1000	121,00	1	081890903
50	100	2000	194,00	1	081890905

### 8189A

non-slip mat  
for fixing loads



L m	H mm	S mm	μ	€	📦	🚚
5	250	8	0,6	67,00	1	081890525

### 8189PA

2 angular guards  
for polyester belts



L1xL2 mm	H1 mm	H2 mm	€	📦	🚚
135x90	60	18	4,20	1	081890090



Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓	✓		✓
8001TZ	✓	✓		✓
8002ZD	✓			
8003ZD	✓			
8004ND	✓			
8005Z	✓			✓
8005TZ	✓			✓
8006Z	✓			✓
8007Z	✓			✓
8008N	✓			✓
8008TZN	✓			✓
8009FD	✓			
8009Z	✓			✓
8009TZ	✓			✓
8010Z	✓			✓
8010TZ	✓			
8015	✓		✓	✓
8016	✓			✓
8016DA	✓			✓
8016FR	✓			
8016U2	✓		✓	✓
8016UGK	✓		✓	✓
8018E	✓			
8018T	✓			
8020A	✓			
8021A	✓			
8025	✓	✓		✓
8026A	✓	✓		✓
8026R	✓	✓		✓
8028	✓	✓		✓
8029R	✓	✓		✓
8031R	✓	✓		✓
8032	✓	✓		✓
8040EN	✓	✓		✓
8040EZ	✓	✓		✓
8042EN	✓	✓		✓
8042EZ	✓	✓		✓
8041	✓	✓		✓
8043	✓	✓		✓
8044	✓	✓		✓
8048	✓			
8049	✓	✓		✓
8049A	✓	✓		✓
8049V	✓	✓		✓
8051S	✓	✓		✓
8052	✓	✓		✓
8057R	✓	✓		✓
8058R	✓	✓		✓
8060R	✓	✓		✓
8061R	✓	✓		✓
8062	✓	✓		✓
8063	✓	✓		✓
8063SL	✓	✓		✓
8064S	✓	✓		✓
8065SC	✓	✓		✓
8068G	✓	✓		✓
8074	✓			
8074A	✓			
8074G	✓			
8080	✓			
8080FM	✓			
8085R	✓	✓		✓
8086	✓	✓		✓
8090	✓	✓		✓
8090F	✓	✓		✓

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8090R	✓	✓		✓
8091			✓	✓
8091SL			✓	✓
8092			✓	✓
8092SL			✓	✓
8094			✓	✓
8094SL			✓	✓
8096			✓	✓
8096SL			✓	✓
8097			✓	✓
8097SL			✓	✓
8098			✓	✓
8098SL			✓	✓
8100	✓	✓		✓
8105	✓	✓		✓
8109	✓	✓		✓
8110	✓			
8114	✓			
8116	✓			
8120 - 8120D	✓			
8120B	✓			
8130A	✓			
8135	✓		✓	✓
8139DL	✓			
8143	✓		✓	✓
8146	✓		✓	✓
8146K	✓		✓	✓
8147C-S-P	✓		✓	✓
8148	✓		✓	✓
8149	✓			✓
8150	✓		✓	✓
8153	✓		✓	✓
8156	✓		✓	✓
8157	✓		✓	✓
8158	✓		✓	✓
8159	✓		✓	✓
8160	✓		✓	✓
8161	✓		✓	✓
8166	✓			
8170	✓		✓	✓
8173	✓		✓	✓
8176	✓		✓	✓
8177	✓		✓	✓
8178	✓		✓	✓
8179M-B-A	✓		✓	✓
8180	✓			
8181	✓			
8181S	✓			
8182	✓			
8182A-GD	✓			
8182E	✓			
8182H-H2	✓			
8182M	✓			
8182S	✓			
8182T	✓			
8182T-TS	✓			
8182TS	✓			
8185	✓			
8186	✓			
8187	✓			
8188C	✓			
8188CG/25	✓			
8188CU	✓			
8188F	✓			
8188VF/35	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8188FG2	✓			
8190	✓	✓		
8190B	✓		✓	
8302Z	✓			
8303Z	✓			
8317DZ	✓			
8317SZ	✓			
8381SL	✓			
8381SP	✓			
8383C	✓			
8383P	✓			
8515V	✓			
8515Z	✓			
8531	✓			
8532	✓			
8535	✓			
8201T	✓			
8205	✓			
8206	✓			
8207	✓			
8209	✓			
8210	✓			
8210F	✓			
8210FTP	✓			
8216	✓			✓
8220	✓			
8225	✓			
8227	✓			
8228	✓			
8240	✓			
8240F	✓	✓		✓
8242	✓			
8242F	✓	✓		✓
8248	✓			
8249	✓			
8249G	✓			
8250	✓			
8264	✓			
8267	✓			
8272	✓			
8273	✓			
8274	✓			
8274A	✓			
8274G	✓			
8276	✓			
8276G	✓			
8278	✓			
8280	✓			
8282	✓			
8282S	✓			
8284	✓			
8285	✓			
8286	✓			
8287	✓			
8290	✓			
8293	✓			
8297C	✓			
8297F	✓			
8381SX	✓			
8702...	✓	✓		
8709...	✓	✓		



# Beta Collection



A range of exclusive products designed and developed to epitomize Beta's character, it comprises over 200 original, first-rate items: sports equipment, technical clothing and a variety of tailored objects. An ideal medium for promotional actions, a must for recreational moments.



## 9500TL

softshell jacket, made of 100% polyester, 320 g/m<sup>2</sup>, three-layered, microfibre outer shell, waterproof, breathable intermediate membrane, fleece interior



	€		
S	189,00	1	095000051
M	189,00	1	095000052
L	189,00	1	095000053
XL	189,00	1	095000054
XXL	189,00	1	095000055

## 9501TLD

women's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m<sup>2</sup>



	€		
S	92,00	1	095010061
M	92,00	1	095010062
L	92,00	1	095010063
XL	92,00	1	095010064

## 9501TL

men's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m<sup>2</sup>



	€		
S	108,00	1	095010051
M	108,00	1	095010052
L	108,00	1	095010053
XL	108,00	1	095010054
XXL	108,00	1	095010055

**9502TL**  
 polo shirt, 100% pique cotton, 210 g/m<sup>2</sup>



	€		
S	63,50	1	095020051
M	63,50	1	095020052
L	63,50	1	095020053
XL	63,50	1	095020054
XXL	63,50	1	095020055

**9504TL**  
 jacket with 100% polyester exterior, waterproof treatment



	€		
S	128,00	1	095040051
M	128,00	1	095040052
L	128,00	1	095040053
XL	128,00	1	095040054
XXL	128,00	1	095040055

**9508TL**  
 waterproof jacket, 100% polyester, folds into pocket



	€		
S	107,00	1	095080051
M	107,00	1	095080052
L	107,00	1	095080053
XL	107,00	1	095080054
XXL	107,00	1	095080055

### 9599 GARAGE

Beta Garage polo shirt, made from breathable polyester, 175 g/m<sup>2</sup>, black



	€		
S	30,00	1	095999011
M	30,00	1	095999012
L	30,00	1	095999013
XL	30,00	1	095999014
XXL	30,00	1	095999015

**9505TL**  
 sleeveless jacket with 100% polyester exterior, waterproof treatment, padding 100 g/m<sup>2</sup>, interior pocket



	€		
S	158,00	1	095050051
M	158,00	1	095050052
L	158,00	1	095050053
XL	158,00	1	095050054
XXL	158,00	1	095050055

**9510W**  
 men's stretch shirt, long-sleeved, 120 g/m<sup>2</sup>, 97% cotton, 3% elastane. White, with black logo. Rear yoke with two side pleats, semi-French collar. White buttons, two cuff buttons. Slim fit



	€		
XS	115,50	1	095100100
S	115,50	1	095100101
M	115,50	1	095100102
L	115,50	1	095100103
XL	115,50	1	095100104
XXL	115,50	1	095100105

**9503TL**  
 t-shirt, 100% jersey cotton, 160 g/m<sup>2</sup>



	€		
S	41,50	1	095030051
M	41,50	1	095030052
L	41,50	1	095030053
XL	41,50	1	095030054
XXL	41,50	1	095030055

**9572LB**  
 Beta-March t-shirt, 100% cotton, 200 g/m<sup>2</sup> orange, with black inserts



	€		
S	50,00	1	095720801
M	50,00	1	095720802
L	50,00	1	095720803
XL	50,00	1	095720804
XXL	50,00	1	095720805

**9534W0**  
 two-button polo shirt, made of jersey cotton, 200 g/m<sup>2</sup>, white with orange inserts



	€		
S	65,50	1	095340031
M	65,50	1	095340032
L	65,50	1	095340033
XL	65,50	1	095340034
XXL	65,50	1	095340035



### 9534B0

two-button polo shirt, made of jersey cotton, 200 g/m<sup>2</sup>, blue with grey inserts



	€		
S	65,50	1	095340071
M	65,50	1	095340072
L	65,50	1	095340073
XL	65,50	1	095340074
XXL	65,50	1	095340075

### 9537TL

fleece pullover, 100% polyester



	€		
S	62,50	1	095370051
M	62,50	1	095370052
L	62,50	1	095370053
XL	62,50	1	095370054
XXL	62,50	1	095370055

### 9580S

sunglasses "Summer" style

CE



EN ISO 12312-1:2013+A1:2015  
UV400  
FILTER CAT. III

	€		
9580S	35,00	1	095800100

### 9593S

smartwatch, touchscreen, fitness tracker, silicone strap



	€		
9593S	150,00	1	095930200

### 9593SB

multifunction smart bracelet, touchscreen, fitness tracker, heart rate monitor, pedometer, sleep monitoring, with silicone strap, black

Compatibility: IOS 8.2 or above/ Android 4.4 or above  
Bluetooth 4.2  
IP67

CE



IP67

	€		
9593SB	110,50	1	095930205

### 9593M

automatic watch, steel case, 5 ATM water resistant, steel wristband



	€		
9593M	365,00	1	095930120

### 9593A

chronograph, steel case, 5 ATM water resistant, silicone strap



	€		
9593A	289,00	1	095930050

### 9593W

analogue watch, soft touch plastic case with metal ring, 3 ATM water resistant, silicone strap



	€		
9593W	63,50	1	095930150

### 9544C

cabin-size trolley with 4 double wheels, TSA lock, USB port + 3.5-mm jack



	L	S	H	€		
	cm	cm	cm			
9544C	40	20	55	150,50	1	095440101

# Beta

## 9557J 2.0

bag made of coated polyester/Oxford 600D polyester fabric, dimensions 47x28x25 cm



	L cm	S cm	H cm	€		
9557J 2.0	47	25	28	89,50	1	095570020

## 9557N

"Racing" bag, made from waterproof PVC coated fabric



	L cm	S cm	H cm	€		
9557N	35	35	80	116,00	1	095570001

## 9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm



	L cm	S cm	H cm	€		
9541F	33	16	50	84,50	1	095410011

## 9541PC

work rucksack, multipocket style, with interior computer pocket, made from 100% polyester

- rucksack with 3 compartments, each with waterproof exterior zip
- first compartment with PC pocket
- padded top handle
- USB port
- side mesh pocket for bottle/umbrella
- insert for glasses on shoulder strap
- adjustable chest strap



	L cm	S cm	H cm	€		
9541PC	34	18	52	73,00	1	095410041

## 9541S

Rucksack with casing, made of waterproof 210D polyester, 33x45 cm



	L cm	H cm	€		
9541S	33	45	11,40	1	095410031

## 9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm



	L cm	S cm	H cm	€		
9541BIKE	24	16	41	20,00	1	095410021

## 95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

CE



	€		
M	38,50	1	095740202
L	38,50	1	095740203
XL	38,50	1	095740204
XXL	38,50	1	095740205

## 9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

CE



	€		
M	38,50	1	095740102
L	38,50	1	095740103
XL	38,50	1	095740104
XXL	38,50	1	095740105

## 9525TL

Top Line cap



	€		
9525TL	29,00	1	095250010

## 9525F

flat visor cap



	€		
9525F	29,00	1	095250099

## 9525/B

cap, 100% cotton, one size-fits-all adjustable buckle strap, directly embroidered front, sides and back, white



	€		
9525B	17,00	5	095251031

### 9521

umbrella, made of nylon T210, 3-section aluminium frame, black, automatic open/close mechanism



9521	€ 32,00	1	095210000
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### 95210B

umbrella made of nylon 210T, diameter 100 cm



95210B	100 cm	€ 35,50	1	095210021
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### 9599CB-N2

Atala® city bike, Hi-Ten Tig TKK 700c frame, Shimano® Tourney RD-TZ50 derailleur, 6-speed, V-Brakes®, 28" aluminium rims, with pannier rack, stand and bell, matt black



9599CB-N2	€ 667,00	1	095990031
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### 9599CB-W

Atala® city bike, aluminium frame, Shimano® 6-speed gear, V-Brakes® 28" aluminium rims



9599CB-W	€ 667,00	1	095990023
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### 9598W-N

Whistle® mountain bike, aluminium frame, Suntour XCT30 fork, 29" 100 mm, Shimano RD-TX500 derailleur, 7-speed, hydraulic Shimano BR-M200 brakes and 29" aluminium rims, fluorescent orange / matt anthracite grey



9598W-N M	€ 1.138,00	1	095980130
9598W-N L	€ 1.138,00	1	095980132

### 9598WHP-N

Whistle® mountain bike, aluminium frame, Suntour XCM PL fork, 29" 100 mm, with remote lockout, Shimano XT RD-M8100 Shadow Plus derailleur, 12-speed, hydraulic Shimano BL-MT201/BR-MT200 brakes and 29" aluminium rims, white / matt red



9598WHP-N M	€ 2.135,00	1	095980140
9598WHP-N L	€ 2.135,00	1	095980142

### 9515M

technical jersey, made from quick-dry, breathable fabric; side mesh inserts



S	€ 82,00	1	095150051
M	€ 82,00	1	095150052
L	€ 82,00	1	095150053
XL	€ 82,00	1	095150054
XXL	€ 82,00	1	095150055
XXXL	€ 82,00	1	095150056

### 9516B

shorts made from quick-dry, breathable Lycra, 180 g/m<sup>2</sup>, with elastic waistband for improved fit



S	€ 94,50	1	095160051
M	€ 94,50	1	095160052
L	€ 94,50	1	095160053
XL	€ 94,50	1	095160054
XXL	€ 94,50	1	095160055
XXXL	€ 94,50	1	095160056

### 9539CB

protective road and mountain bike cycling helmet with detachable chin guard - adjustable sizes



S-M	€ 176,00	1	095390010
L-XL	€ 176,00	1	095390011

### 9542M

short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, including one with zip, silicone elastic at jersey end



S	€ 125,50	1	095420051
M	€ 125,50	1	095420052
L	€ 125,50	1	095420053
XL	€ 125,50	1	095420054
XXL	€ 125,50	1	095420055
XXXL	€ 125,50	1	095420056





## 9542C

Lycra bib shorts, silicone elastic at leg end, antibacterial seat padding



Size	€	Stock	Code
S	119,50	1	095420061
M	119,50	1	095420062
L	119,50	1	095420063
XL	119,50	1	095420064
XXL	119,50	1	095420065
XXXL	119,50	1	095420066

## 9542GW

winter jacket, made from highly breathable, winder breaker fabric and raised fabric; long zip, silicone-free elastic waistband; close-fitting Lycra cuffs; refractive rear inserts; 3 exterior rear pockets, including 1 with zip



Size	€	Stock	Code
S	217,00	1	095420101
M	217,00	1	095420102
L	217,00	1	095420103
XL	217,00	1	095420104
XXL	217,00	1	095420105
XXXL	217,00	1	095420106



## 9542G

winter jersey, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jersey end



Size	€	Stock	Code
S	125,00	1	095420012
M	125,00	1	095420013
L	125,00	1	095420014
XL	125,00	1	095420015
XXL	125,00	1	095420016
XXXL	125,00	1	095420017

## 9542S

winter underpants, raised Lycra, antibacterial, high-breathability seat padding



Size	€	Stock	Code
S	168,00	1	095420022
M	168,00	1	095420023
L	168,00	1	095420024
XL	168,00	1	095420025
XXL	168,00	1	095420026
XXXL	168,00	1	095420027

## 9542AT

sleeveless wind stopper jacket, breathable bound fabric, long zip



Size	€	Stock	Code
S	101,00	1	095420072
M	101,00	1	095420073
L	101,00	1	095420074
XL	101,00	1	095420075
XXL	101,00	1	095420076
XXXL	101,00	1	095420077

## 9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric



Size	€	Stock	Code
S	161,00	1	095420042
M	161,00	1	095420043
L	161,00	1	095420044
XL	161,00	1	095420045
XXL	161,00	1	095420046
XXXL	161,00	1	095420047

## 9543C

tubular neck scarf, multipurpose, 100% polyester microfibre, seamless



Size	L cm	H cm	€	Stock	Code
9543C	25	50	8,80	1	095430100



### 9523T

thermal bottle, made of stainless steel, 500 ml, double-layer technology, no air between walls, leak-proof cap, orange

- keeps cold drinks cold for 24 hours
- keeps hot drinks hot for 12 hours



EC1935/EC2023

9523T	500 ml	255 mm L	€ 22,10	1	095230050
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### 9528B

Polyethylene flask, 500 ml



9528B	500 ml		€ 6,95	1	095280005
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### 9597P

column pump with gauge



9597P			€ 64,50	1	095970100
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### 9524SC

miniature Beta garage for collectors



1:18			€ 92,00	1	095240018
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### 9548KB

balance bike, aluminium frame, 12" wheel with inner tube; recommended for children from 3 years; maximum weight: 30 kg



9548KB			€ 167,00	1	095480110
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### 9548KB 20

Atala® 20" children's mountain bike, Hi-Ten Tig 20" steel frame, 30-mm suspension fork, RD-TY21SS 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, fluorescent yellow / matt blue



9548KB 20			€ 539,00	1	095480120
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### 9548KB 24

Atala® 24" children's mountain bike, Hi-Ten Tig 24" steel frame, suspension fork, Shimano Tourney RD-TYZ50 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, matt fluorescent orange



9548KB 24			€ 574,00	1	095480122
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### 9547WSK

"Kinder Work Station", workbench with tools, for children from 3 years of age

CE



9547WSK	74 cm H		€ 125,00	1	095473801
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### 9547T

"Kinder trolley", tool trolley, for children from 3 years of age, complete with tools

CE



9547T			€ 68,00	1	095470100
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### 9548G

"Kinder Garage", 6-storey, with car wash, lift and ramps



9548G	69 cm H		€ 68,00	1	095480100
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### 9561V 2,5

sail flag 2.5x0.50 m  
with aluminium pole,  
cross base with weighted ring



	L mt	H mt	€		
9561V 2,5	0,50	2,5	245,50	1	095610200

### 9561VV 2,5

sail flag, 2x0.50 m,  
with pole



	L mt	H mt	€		
9561VV 2,5	0,50	2,5	220,00	1	095610201

### 9561VV

sail flag, 3.50x0.75 m,  
with pole



	L mt	H mt	€		
9561VV	0,75	3,50	273,00	1	095610101

### 9561V

sail flag, 4x0.75 m,  
with chrome-plated metal pole,  
grit concrete base, 50 cm



	L mt	H mt	€		
9561V	0,75	4	449,00	1	095610001

### 9559

one-sided banner, TNT; modules: 3x0.8 m



	L m	H m	€		
9559	3	0,8	29,50	1	095591001

### 9559/30MT

nonwoven fabric roll of 10 Beta logos



	€		
9559/30MT	277,00	1	095591031

### 9590B

flag, made of screen-printed nylon  
40 x 215 cm



	L cm	H cm	€		
9590B	215	140	125,00	1	095900000

### 9577R

work overalls, racing style, made from 4 way  
stretch fabric, 260 g/m<sup>2</sup>,  
black and orange, with white and reflex inserts

CE



	I	€		
S	48	149,00	1	095770151
M	50	149,00	1	095770152
L	52	149,00	1	095770153
XL	54	149,00	1	095770154
XXL	56	149,00	1	095770155
XXXL	58	149,00	1	095770156

### 9579C

work jacket, polyester/cotton



	€		
M	65,50	1	095791002
L	65,50	1	095791003
XL	65,50	1	095791004

### 9565BBQ

sheet steel barbecue drum with grill, brazier  
and lid complete with locking clamp

Chromium-plated steel grill (compliant with Italian Ministerial  
Decree of 21/03/73 and Regulation (EC) 1935/2004 on food  
contact materials), with handles and feet



	H cm	ø cm	€		
9565BBQ	88	59	581,00	1	095650100

### 9565T

sheet steel table drum with varnished multi-ply  
birch top

Supplied with a double KIT of spacing tubes (7 cm or 20 cm)  
for vertical adjustment.



	H cm	ø cm	€		
9565T	95→108	70	491,00	1	095650200



### 9565S

sheet steel drum with seat made of removable imitation leather



9565S	H cm	ø cm	€	1	095650300
	60	38	214,50	2	

### 9565ICE

sheet steel ice drum with lid and non-scratch container, certified for food use

Interior of drum is coated with antirust, water-resistant paint. Storage container can accommodate ice and bottles/cans to cool.



9565ICE	H cm	ø cm	€	1	095650400
	60	38	227,00	1	

### 9565K

drum table with two seats



9565K	€	1	095650500
	920,00	1	

### 9563G

office armchairs, for guests



9563G	€	1	095630050
	182,50	1	

### 9563U

office armchair, ergonomic



9563U	€	1	095630020
	360,00	1	

### 9549ABW

wireless Bluetooth V5.0 earphones, with built-in microphone, magnetic charging, USB-C charging base, black

CE



9549ABW	L mm	H mm	S mm	€	1	095490091
	61	34,5	41	33,00	1	

### 9549SBW

wireless Bluetooth speaker, portable, 6 functions

- Bluetooth version 5.0
- FUNCTIONS:
- Bluetooth play
- TF card play
- USB play
- audio jack 3.5 mm
- radio FM
- call function

CE



9549SBW	L mm	S mm	H mm	€	1	095490072
	73	73	124	45,50	1	

### 9549BP

portable battery, 10000mAh



9549BP	€	1	095490052
	23,40	1	

### 9549CR

4-in-1 multi charging cable, made from braided nylon, quick charge option

- USB type A power supply connector
- Lightning connector to Apple devices
- Micro USB charging connector
- USB-C charging connector
- USB-C charging and data transmission connector



9549CR	L mm	€	1	095490042
	120	17,50	1	

### 9549MPC

multi-port charging base, 6 USB ports, for multiple charging up to a maximum absorbed power of 65 W

- 4 USB ports, 5V 2.4A
  - 1 USB port, Q.C 3.0
  - 1 USB-C port, 20W PD
- with separate ON/OFF switch, LED display for checking total wattage, port number and current intensity

CE



9545MPC	L mm	S mm	H mm	€	1	095490082
	110	72	35	56,00	1	

## 9549BRW

wireless charging base,  
with quick charger function and charge level  
indicator

- Supplied with USB-USB Type C cable, for connection to transformer, 1 m long
- Compatible with all devices supporting wireless charging
- Input: DC 5V/2A, 9V/2A, 12V/1.5A
- Output: 5W/ 7.5W/ 10W/ 15W

CE



9549BRW	Ø mm 58	H mm 6	€ 32,00	1	095490100
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## 9549C

USB key, 32 GB



9549C	€ 20,70	1	095490062
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## 9547

desk calculator

CE



9547	€ 20,80	1	095470000
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## 9594

clock complete with thermometer  
and hygrometer, 26 cm in diameter



9594	Ø cm 26	€ 31,00	1	095940051
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## 9526P

capsule espresso coffee machine.  
(capsules not included)

Compatible with Lavazza™ and Espresso Point™ capsules  
for professional use



9526P	€ 353,00	1	095260010
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## 9527 6T

set of 6 coffee cups



9527 6T	€ 101,00	1	095270001
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## 9527MUG

mug with cover and silicone sleeve



9527MUG	€ 26,50	1	095270020
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## 9522A

bottle opener with ergonomic handle



9522A	€ 17,60	1	095220010
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## 9523A

aluminium flask, 500 ml



9523A	ml 500	€ 12,20	1	095230005
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## 9586K

multipurpose steel knife,  
10 functions



9586K	€ 17,00	1	095860100
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## 9526RMN

set of 2 packs of 55 rummy playing cards by  
Modiano®



9526RMN	€ 29,50	1	095260001
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## 9592B/C50

set of 50 pens



9592B/C50	€ 50,50	1	095920050
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## 9592B/P

customised pens



9592B/P	€ 1,51	500	095920051
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## 9592MB

Parker® ballpoint pen



9592MB	€ 82,00	1	095920060
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## 9592M/50

set of 50 pencils



9592M/50	€ 50,50	1	095920100
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### 9588M

soft foam tray with 1 pen and 2 notebooks



9588M € 21,70 1 095880011

### 9596

badge holder, polyester, with metal clip and mobile phone string



9596 € 5,10 10 095961001

### 9595C

leather key ring



9595C € 9,20 1 095950011

### 9595T

metal chrome-plated key ring, in velvet pouch



9595T € 7,75 1 095950021

### 9595 C25

metal chrome-plated key ring with rubber hook



9595 C25 € 9,65 1 095950031

### 9569P

shopper, made of polyethylene, folded sides



9569P L 34 cm H 44 cm € 0,82 50 095691001

### 9569S

TNT shopper with folded sides, 38x42 cm



9569S L 38 cm H 42 cm € 2,52 50 095690051

### 9569MS-2

shopper, made of hard-wearing polypropylene



9569MS-2 L 45 cm H 40 cm € 6,65 5 095690055

### 9569MS

shopper, made of hard-wearing polypropylene, with double handles



9569MS L 60 cm H 40 cm € 6,65 5 095690052

### 9587 9x14

notebook, 9x14 cm



9587 9X14 L 9 cm H 14 cm € 13,70 5 095870009

### 9587 13x21

notebook, 13x21 cm



9587 13X21 L 13 cm H 21 cm € 17,50 5 095870013

### 9588S/10...

set of 10 notepads



9588S/10A € 29,50 1 095881001  
21x29 cm  
9588S/10B € 28,00 1 095881002  
15x21 cm  
9588S/10C € 18,20 1 095881003  
10x15 cm  
9588S/10D € 13,10 1 095880054  
7,5x10,5 cm

# Beta



## 9588/10PI

set of 10 notepads with adhesive sheets



9588S/10PI	€ 27,50	1	095880055
7,5x7,5 cm			

## 9589A/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny



9589A/36	€ 141,00	1	095890035
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## 9589B/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, white



9589B/36	€ 141,00	1	095890036
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## 9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



9562TB	L mm 800	H mm 600	€ 48,50	1	095620500
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## 9562T2

workbench mat, 200x160 cm

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



9562T2	L cm 200	H cm 160	€ 242,50	1	095620200
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## 9562T1

garage mat, 100X80 cm

- particularly suitable for use under motorcycle tyre levers BETA 3071 and 3071B
- easy to clean, anti-skid rubber coated bottom



9562T1	L cm 100	H cm 80	€ 89,00	1	095620150
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## 9562T3

garage mat , 300x160 cm

- particularly suitable for use under motorcycle jacks
- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



9562T3	L cm 300	H cm 160	€ 353,00	1	095620300
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## 9562P2

multilogo mat, 200x80 cm

- particularly suitable for use with workshop equipment item C55 or under motorcycles



9562P2	L cm 200	H cm 80	€ 170,00	1	095620400
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## 9562P12

multilogo mat roll, 12 m x 80 cm

Allows mat length to be customized as needed



9562P12	L m 12	H cm 80	€ 859,00	1	095620425
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# Beta

# ELIMINATED ITEMS - SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

96AS/G7	000960745		
111 100	001110010	111E 100	001110110
111 150	001110015	111E 150	001110115
111 200	001110020	111E 200	001110120
111 250	001110025	111E 250	001110125
111 300	001110030	111E 300	001110130
111 380	001110038	111E 380	001110138
111 450	001110045	111E 450	001110145
111 600	001110060	111E 600	001110160
111N 100	001110210	111EN 100	001110410
111N 150	001110215	111EN 150	001110415
111N 200	001110220	111EN 200	001110420
111N 250	001110225	111EN 250	001110425
111N 300	001110230	111EN 300	001110430
111N 380	001110238	111EN 380	001110438
111N 450	001110245	111EN 450	001110445
111G 200	001110620	111CM 170	001110770
111G 250	001110625	111CM 220	001110722
111G 300	001110630	111CM 270	001110727
111HS 200	001114020	111E-HS 200	001114120
111HS 250	001114025	111E-HS 250	001114125
111HS 300	001114030	111E-HS 300	001114130
111HS 380	001114038	111E-HS 380	001114138
111HS 450	001114045	111E-HS 450	001114145
111K 100	001119010		
111K 150	001119015		
111K 200	001119020		
111K 250	001119025		
111K 300	001119030		
410/SPV1	004100420	410/SPVP1	004100421
410/SPV2	004100426	410/SPVP2	004100427
412/SPV1	004120420	410/SPVP1	004100421
412/SPV2	004120426	410/SPVP2	004100427
414/SPV1	004140420	410/SPVP1	004100421
414/SPV2	004140426	410/SPVP2	004100427
415/SPV1	004150420	410/SPVP1	004100421
415/SPV2	004150426	410/SPVP2	004100427
442 22	004420022		
442 24	004420024		
564-3R/VA	005640603	564-3R/V	005640613
564-4R/VA	005640604	564-4R/V	005640614
588	005880001	680/3	006800000
677/50	006770050	677/600	006770006
677/70	006770070	677/800	006770008
677/100	006770100	677/1000	006770010
677/CV1	006770450	677/CVN1	006770455
677/C50	006770606	677/C600	006770607

677/C70	006770611	677/C800	006770612
677/C100	006770615	677/C1000	006770616
677/C150	006770620	677/C1500	006770621
677/CP200	006770720	677/CP2000	006770721
680/2,5	006800002	680/30	006800003
680/40	006800040	680/350	006800035
680/100	006800100	680/2100	006800210
920/55L	009200927		
970OT 65	009700165		
970OT 80	009700180		
970OT 96	009700196		
970OT 111	009700211		
970EA 98	009700398		
970EB 110	009700410		
970EB 95	009700595		
970Q 56	009700756		
970Q 60	009700760		
970C 80	009700808		
970C 95	009700815		
970C 100	009700820		
970C 109	009700829		
970C 115	009700835		
970C 120	009700840		
1046 240	010460240	1044F 250	010440015
1046 400	010460400		
1046K 240	010469240	1044FK 250	010449015
1048 175	010480010	1048N 175	010480910
1048 250	010480015	1048N 250	010480915
1048 300	010480020	1048N 300	010480920
1048V 175	010480110	1048VN 175	010480111
1048V 250	010480115	1048VN 250	010480116
1048V 300	010480120	1048VN 300	010480121
1048K 175	010489010	1048NK 175	010489910
1048VK 250	010489025	1048VNK 250	010489116
1048VK 175	010489110	1048VNK 175	010489111
1048K 250	010489250	1048NK 250	010489915
1309	013090001		
1313	013130001		
1362	013620010	1362B	013620011
1450GC	014500005		
1461/C3B	014610032		
1461/C8G	014610084		
1461/C10G	014610103		
1461/C11G	014610113		
1461/C12G	014610124		
1461/C13A	014610133		
1461/C17B	014610171		
1461/C22B	014610223		
1461/C31B	014610232		

1473Q	014730005		
1498MN/12	014980000	1498BC/12	014980040
1569/A	015690011	1569/SB	015690016
1569/B	015690015	1569/SB	015690017
1590 75	015900307		
1590 125	015900312		
1640K	016400001		
1640T 22,5	016400022		
1640T 25,5	016400025		
1640T 32,5	016400032		
1640T 55,5	016400055		
1640Q 45	016400065		
1640A	016400080		
1640P/9	016400088		
1640P/19	016400089		
1640	016400100		
1651DGT 150	016510111	1651DGTB 150	016510211
1651DGT 200	016510112	1651DGTB 200	016510212
1651DGT/IP	016510611	1651DGTB/IP	016510711
1658DGT25	016580325	1658DGTB 25	016580525
1658DGT50	016580350	1658DGTB 50	016580550
1729	017290001		
1729LR	017290010		
1751 200	017510002	1751N 200	017510020
1751 300	017510003	1751N 300	017510030
1751 500	017510005	1751N 500	017510050
1751 750	017510007	1751N 750	017510075
1751R	017510010	1751NR	017510110
1751 1000	017510011	1751N 1000	017510100
1778D	017780060	1778P	017780088
1778U	017780070	1778AN	017780065
1836A	018360050	1836AW	018360051
1838SL	018380101		
1838S	018380122	1838SW	018380142
1860 160A	018600006	1860BHT/160A	018600179
1860RC/140A	018600604		
1860RC/160A	018600606		
1937 2,5	019370000		
1947M	019470021	1947H	019470011
1947M-ST	019470025		
1947M-T	019470026		
1947M-P	019470027		
1949F	019490027	1949F2	019490028
1949G	019490035		
2029/RT	020290900	C9/RT	021090900
2060/VV	020600101		
2200-COVER RSC22	022000910		
2251-O	022510011		
2252-O	022520001		
2252-R	022520003		



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	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

2300-COVER RSC23	023000920		
2300-COVER RSC23T	023000930		
TV110	024000477		
T56	024240056		
T110	024240110	T111	024240111
TV56	024249901		
M199	024500199	M201	024500201
M202	024500202	M201	024500201
MV130	024510130		
MV153	024510153		
MV199	024510199		
MV202	024510202		
MV292	024510292		
MV165	024510874		
MBV11	024524211		
MBV34	024524234		
MMV140	024590140		
MCV20	027510020		
3000M/RLS	030000206	3000L/RLS	030000212
3000M/LT	030000220	3000L	030000210
C35/6G	035000062	C35/6GM	035000162
C35/7G	035000072	C35/7GM	035000172
C35/8G	035000082	C35/8GM	035000182
C35/9G	035000092	C35/9GM	035000192
3500/P	035000502		
4100-COVER C41H	041000930		
C43	043000003	C42H	042000002
C45PRO PA	045000280	C45PRO PAS	045000290
C50S-O	050000301	RSC51-FO	051000300
C50S-G	050000302	RSC51-A	051000307
C50S-R	050000303	RSC51-R	051000303
5000MS	050000901	2400 RSC24/MP	024004900
C59A-O	059000001	C59A-O	059000011
C59B-O	059000002	C59B-O	059000012
C59C-O	059000003	C59C-O	059000013
C59A-G	059000021	C59A-A	059000031
C59B-G	059000022	C59B-A	059000032
C59C-G	059000023	C59C-A	059000033
C59A-R	059000041	C59A-R	059000051
C59B-R	059000042	C59B-R	059000052
C59C-R	059000043	C59C-R	059000053
5904VU/2M	059041202	5904VU/2M	059041212
7051MP	070510001		
7212FG 35	072120035	7212G 35	072120335
7212FG 36	072120036	7212G 36	072120336
7212FG 37	072120037	7212G 37	072120337
7212FG 38	072120038	7212G 38	072120338

7212FG 39	072120039	7212G 39	072120339
7212FG 40	072120040	7212G 40	072120340
7212FG 41	072120041	7212G 41	072120341
7212FG 42	072120042	7212G 42	072120342
7212FG 43	072120043	7212G 43	072120343
7212FG 44	072120044	7212G 44	072120344
7212FG 45	072120045	7212G 45	072120345
7212FG 46	072120046	7212G 46	072120346
7212FG 47	072120047	7212G 47	072120347
7212FG 48	072120048	7212G 48	072120348
7213FG 35	072130035	7213G 35	072130135
7213FG 36	072130036	7213G 36	072130136
7213FG 37	072130037	7213G 37	072130137
7213FG 38	072130038	7213G 38	072130138
7213FG 39	072130039	7213G 39	072130139
7213FG 40	072130040	7213G 40	072130140
7213FG 41	072130041	7213G 41	072130141
7213FG 42	072130042	7213G 42	072130142
7213FG 43	072130043	7213G 43	072130143
7213FG 44	072130044	7213G 44	072130144
7213FG 45	072130045	7213G 45	072130145
7213FG 46	072130046	7213G 46	072130146
7213FG 47	072130047	7213G 47	072130147
7213FG 48	072130048	7213G 48	072130148
7217FG 35	072170235	7212B 35	072120235
7217FG 36	072170236	7212B 36	072120236
7217FG 37	072170237	7212B 37	072120237
7217FG 38	072170238	7212B 38	072120238
7217FG 39	072170239	7212B 39	072120239
7217FG 40	072170240	7212B 40	072120240
7217FG 41	072170241	7212B 41	072120241
7217FG 42	072170242	7212B 42	072120242
7217FG 43	072170243	7212B 43	072120243
7217FG 44	072170244	7212B 44	072120244
7217FG 45	072170245	7212B 45	072120245
7217FG 46	072170246	7212B 46	072120246
7217FG 47	072170247	7212B 47	072120247
7217FG 48	072170248	7212B 48	072120248
7219FY 35	072190035	7214G 35	072140235
7219FY 36	072190036	7214G 36	072140236
7219FY 37	072190037	7214G 37	072140237
7219FY 38	072190038	7214G 38	072140238
7219FY 39	072190039	7214G 39	072140239
7219FY 40	072190040	7214G 40	072140240
7219FY 41	072190041	7214G 41	072140241
7219FY 42	072190042	7214G 42	072140242
7219FY 43	072190043	7214G 43	072140243
7219FY 44	072190044	7214G 44	072140244
7219FY 45	072190045	7214G 45	072140245
7219FY 46	072190046	7214G 46	072140246
7219FY 47	072190047	7214G 47	072140247

7219FY 48	072190048	7214G 48	072140248
7328EA 38	073280538	7328A 38	073280638
7328EA 39	073280539	7328A 39	073280639
7328EA 40	073280540	7328A 40	073280640
7328EA 41	073280541	7328A 41	073280641
7328EA 42	073280542	7328A 42	073280642
7328EA 43	073280543	7328A 43	073280643
7328EA 44	073280544	7328A 44	073280644
7328EA 45	073280545	7328A 45	073280645
7328EA 46	073280546	7328A 46	073280646
7328EA 47	073280547	7328A 47	073280647
7328EN 38	073280738	7328N 38	073280838
7328EN 39	073280739	7328N 39	073280839
7328EN 40	073280740	7328N 40	073280840
7328EN 41	073280741	7328N 41	073280841
7328EN 42	073280742	7328N 42	073280842
7328EN 43	073280743	7328N 43	073280843
7328EN 44	073280744	7328N 44	073280844
7328EN 45	073280745	7328N 45	073280845
7328EN 46	073280746	7328N 46	073280846
7328EN 47	073280747	7328N 47	073280847
7340R 36	073400436		
7340R 37	073400437		
7340R 38	073400438		
7340R 39	073400439		
7340R 40	073400440		
7340R 41	073400441		
7340R 42	073400442		
7340R 43	073400443		
7340R 44	073400444		
7340R 45	073400445		
7340R 46	073400446		
7340R 47	073400447		
7525 XS	075250046	7530 XS	075300046
7525 S	075250048	7530 S	075300048
7525 M	075250050	7530 M	075300050
7525 L	075250052	7530 L	075300052
7525 XL	075250054	7530 XL	075300054
7525 XXL	075250056	7530 XXL	075300056
7525 XXXL	075250058	7530 XXXL	075300058
7579T S	075790001	7579QN S	075790201
7579T M	075790002	7579QN M	075790202
7579T L	075790003	7579QN L	075790203
7579T XL	075790004	7579QN XL	075790204
7579T XXL	075790005	7579QN XXL	075790205
7579T XXXL	075790006	7579QN XXXL	075790206
7634G XS	076340100	7637G XS	076370000
7634G S	076340101	7637G S	076370001
7634G M	076340102	7637G M	076370002
7634G L	076340103	7637G L	076370003
7634G XL	076340104	7637G XL	076370004



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	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

7634G XXL	076340105	7637G XXL	076370005
7634G XXXL	076340106	7637G XXXL	076370006
7634B XS	076340200		
7634B S	076340201		
7634B M	076340202		
7634B L	076340203		
7634B XL	076340204		
7634B XXL	076340205		
7634B XXXL	076340206		
7780T S	077800101	7780QN S	077800201
7780T M	077800102	7780QN M	077800202
7780T L	077800103	7780QN L	077800203
7780T XL	077800104	7780QN XL	077800204
7780T XXL	077800105	7780QN XXL	077800205
7780T XXXL	077800106	7780QN XXXL	077800206
7810 S	078100101	7600G S	076000001
7810 M	078100102	7600G M	076000002
7810 L	078100103	7600G L	076000003
7810 XL	078100104	7600G XL	076000004
7810 XXL	078100105	7600G XXL	076000005
7812 S	078120001	7610G S	076100001
7812 M	078120002	7610G M	076100002
7812 L	078120003	7610G L	076100003
7812 XL	078120004	7610G XL	076100004
7812 XXL	078120005	7610G XXL	076100005
7813 S	078130001	7611G S	076110001
7813 M	078130002	7611G M	076110002
7813 L	078130003	7611G L	076110003
7813 XL	078130004	7611G XL	076110004
7813 XXL	078130005	7611G XXL	076110005
7816G XS	078160000	7818G XS	078180000
7816G S	078160001	7818G S	078180001
7816G M	078160002	7818G M	078180002
7816G L	078160003	7818G L	078180003
7816G XL	078160004	7818G XL	078180004
7816G XXL	078160005	7818G XXL	078180005
7816G XXXL	078160006	7818G XXXL	078180006
7816BL XS	078160100	7818BL XS	078180100
7816BL S	078160101	7818BL S	078180101
7816BL M	078160102	7818BL M	078180102
7816BL L	078160103	7818BL L	078180103
7816BL XL	078160104	7818BL XL	078180104
7816BL XXL	078160105	7818BL XXL	078180105
7816BL XXXL	078160106	7818BL XXXL	078180106
7817N S	078170101	7600N S	076000101
7817N M	078170102	7600N M	076000102
7817N L	078170103	7600N L	076000103

7817N XL	078170104	7600N XL	076000104
7817N XXL	078170105	7600N XXL	076000105
7819B S	078190101	7610N S	076100101
7819B M	078190102	7610N M	076100102
7819B L	078190103	7610N L	076100103
7819B XL	078190104	7610N XL	076100104
7819B XXL	078190105	7610N XXL	076100105
8021 3	080210003	8021A 3	080210103
8021 5	080210005	8021A 5	080210105
8021 6	080210006	8021A 6	080210106
8021 8	080210008	8021A 8	080210108
8021 10	080210010	8021A 10	080210110
8021 12	080210012	8021A 12	080210112
8021 14	080210014	8021A 14	080210114
8021 16	080210016	8021A 16	080210116
8021 18	080210018	8021A 18	080210118
8021 20	080210020	8021A 20	080210120
8021 22	080210022	8021A 22	080210122
8021 24	080210024	8021A 24	080210124
8021 26	080210026	8021A 26	080210126
8021 28	080210028	8021A 28	080210128
8021 30	080210030	8021A 30	080210130
8021 32	080210032	8021A 32	080210132
8021 35	080210035	8021A 35	080210135
8041 M16	080410216	8041HP M16	080410217
8041 M20	080410220	8041HP M20	080410221
8043 M16	080430216	8043HP M16	080430217
8043 M24	080430224	8043HP M24	080430225
8050D29	080500974		
8057 5,3	080570053	8057R 5,3	080570153
8058 8,0	080580080	8058 8,0	080580180
8060 8	080600080	8060R 8000	080600180
8061F 8	080610180	8061R 8,0	080610280
8085 8,0	080850080	8085 8,0	080850280
8085 11,2	080850190	8085 11,2	080850311
8090 8,0	080900080	8090 8,0	080900180
8131Z 6X800	081310068		
8131Z 8X1000	081310081		
8131Z 8X1200	081310082		
8131Z 10X1500	081310105		
8135/KLA 0,75	081350905	8135/KLA1 0,75	081350605
8135/KLA 0,75	081350905	8135/KCA 0,75	081350630
8135/KLA 0,75	081350905	8135/KMO 0,75	081350655
8135/KLA 1,0	081350910	8135/KLA1 1,0	081350610
8135/KLA 1,0	081350910	8135/KCA 1,0	081350635
8135/KLA 1,0	081350910	8135/KMO 1,0	081350660
8135/KLA 2,0	081350920	8135/KLA1 2,0	081350615
8135/KLA 2,0	081350920	8135/KCA 2,0	081350640
8135/KLA 2,0	081350920	8135/KMO 2,0	081350665
8135/KLA 3,0	081350930	8135/KLA1 3,0	081350620
8135/KLA 3,0	081350930	8135/KCA 3,0	081350645
8135/KLA 3,0	081350930	8135/KMO 3,0	081350670

8135/KLA 5,0	081350950	8135/KLA1 5,0	081350625
8135/KLA 5,0	081350950	8135/KCA 5,0	081350650
8135/KLA 5,0	081350950	8135/KMO 5,0	081350675
8139Z 10	081390009		
8143/RK 0,5	081430905	8143/RKL 0,5	081430500
8143/RK 0,5	081430905	8143/RPC 0,5	081430510
8143/RK 0,5	081430905	8143/RPF 0,5	081430520
8143/RK 1,0	081430915	8143/RKL 1,0	081430501
8143/RK 1,0	081430915	8143/RPC 1,0	081430511
8143/RK 1,0	081430915	8143/RPF 1,0	081430521
8143/RK 2,0	081430920	8143/RKL 2,0	081430502
8143/RK 2,0	081430920	8143/RPC 2,0	081430512
8143/RK 2,0	081430920	8143/RPF 2,0	081430522
8143/RK 3,0	081430930	8143/RKL 3,0	081430503
8143/RK 3,0	081430930	8143/RPC 3,0	081430513
8143/RK 3,0	081430930	8143/RPF 3,0	081430523
8143/RK 5,0	081430950	8143/RKL 5,0	081430504
8143/RK 5,0	081430950	8143/RPC 5,0	081430514
8143/RK 5,0	081430950	8143/RPF 5,0	081430524
8146/RK 0,75	081460908	8146/RKL 0,75	081460500
8146/RK 0,75	081460908	8146/RPC 0,75	081460510
8146/RK 0,75	081460908	8146/RKFC 0,75	081460520
8146/RK 1,5	081460915	8146/RKL 1,5	081460501
8146/RK 1,5	081460915	8146/RPC 1,5	081460511
8146/RK 1,5	081460915	8146/RKFC 1,5	081460521
8146/RK 3,0	081460930	8146/RKL 3,0	081460502
8146/RK 3,0	081460930	8146/RPC 3,0	081460512
8146/RK 3,0	081460930	8146/RKFC 3,0	081460522
8146/RK 6,0	081460960	8146/RKL 6,0	081460503
8146/RK 6,0	081460960	8146/RPC 6,0	081460513
8146/RK 6,0	081460960	8146/RKFC 6,0	081460523
9557J 3,0	095570030		
9577M S	095770051	9577R S	095770151
9577M M	095770052	9577R M	095770152
9577M L	095770053	9577R L	095770153
9577M XL	095770054	9577R XL	095770154
9811L T100 (1-2)	098110510		
9811L T100 (3)	098112510		
9812M T100 (1-2)	098120510		
9812M T100 (3)	098122510		
9813H T100 (1-2)	098130510		
9813H T100 (3)	098132510		
9821L T100 (1-2)	098210510		
9821L T100 (3)	098212510		
9822M T100 (1-2)	098220510		
9822M T100 (3)	098222510		
9823H T100 (1-2)	098230510		
9823H T100 (3)	098232510		
9851 500 (1-2)	098510050		
9851 500 (3)	098512050		
11050 180X7	110500180		



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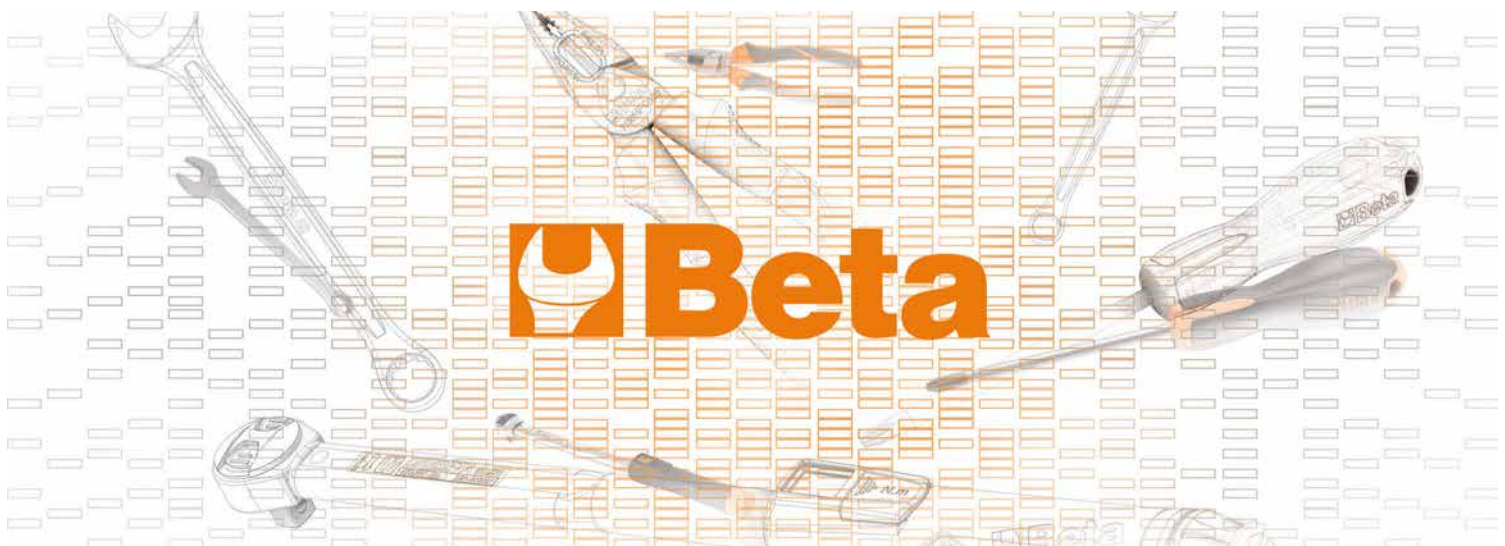
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5902MT	477	604B	62	6600 M/63	576	6888GS	630	727PI/22	75
5902MT/AS	478	605E	62	6600 M/73	576	6888GW	630	727PI/32	75
5904VI/1T	443	606MQ/50	289	6600 M/112	577	<b>7</b>		728	75
5904VI/2T	444	610/5	62	6600 M/116	577			728/C10	75
5904VI/3T	445	610L/5	62	6600 M/120	577	73	15	728/15	76
5904VU/1M	452	610L/5L	62	6600 M/125	577	73/B13N	15	728/16	76
5904VU/2M	453	611	62	6600 M/126	577	73/S	15	728/21	76
5904VU/2T	454	612 ÷ 614	62	6600 M/131	577	78	15	728/22	76
5904VU/3T	455	614/50	62	6600 M/174	577	78AS	15	728/22L	76
5904VU/4T	456	615	63	6600 M/175	577	78BA	307	728/25	76
5904VG/2M	479	616 - 617 - 619	63	6600 M/217	577	78BA-AS	308	728/OR - 728/SP	76
5904VG/2T	480	621	63	6600 M/218	577	710	70	728AS	75
5904VG/3	481	622	63	6600 M/222	577	710/16	70	728B	76
5904VG/3T	482	641	63	6600 M/223	577	710/20	70	728FTX	75
5904VG/5T	483	642	63	6600 M/230	578	710/C10	70	728L	76
5905VG/1	484	643	63	6600 M/236	578	710/21	71	728L/S	76
5905VG/2	485	644	63	6600 M/241	578	710/22	71	728LQ	76
5908VI/2T	446	650A	63	6600 M/242	578	710/25	71	728LS	76
5908VU/2T	457	650H	64	6600 M/253	578	710/OR... - 710/SP...	71	728ME	75
5908VG/2T	486	652	64	6600 M/311	578	720	71	729	76
5910VI/3	447	653	64	6600 M/315	578	720/C12	71	729/15	103
5910VI/3T	448	654	64	6600 M/320	578	720/C24	71	729/16	77
5910VG/3T	487	659/15	64	6600 M/326	578	720/C6	71	729/21	77
5914VU/M	458	659/16	64	6600 M/327	578	720/15	74	729/21L	77
5915VU/0	460	665	65	6600 M/330	578	720/16	74	729/22	77
5915VU/1	460	665LB	66	6600 M/371	578	720/20	74	729/25	77
5915VU/2	461	665SW	66	6600 M/380	579	720/21	74	729/OR... - 729/SP...	77
5915VU/3	461	666HS	296	6600 M/406	579	720/22	74	729L	77
5915VU/4	462	666N	66	6600 M/417	579	720/25	74	729LS	77
5915VU/5	462	666N LBF.IN	67	6600 M/423	579	720/OR... - 720/SP...	74	729T	77



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730	77	7294HM	609	7549N	626	7905G	620	861RIBE	81
730/15	78	7294HMC	609	7549NE	626	7907G	622	861RTX	81
730/21	78	7294HN	609	7549R	626	7907P	622	861SP	81
730/25	78	7310CRK	597	7550G	627	7909B	621	861TX	80
730L	77	7314AF	599	7550N	627	7909G	621	861TQS	81
733/15	78	7315AN	599	7557BL	627	7909P	621	861TRW	81
7041LCD/4S	255	7316NB	600	7575N	622	7909V	621	861TX/C	81
7041LCD/4S-VE	255	7316NG	601	7579QN	622	7930G	617	861XZN	81
7041LCD/4S-VI	255	7317NA	600	7600G	613	7931G	619	862F/A7	557
7042LCD	256	7318AN	600	7600N	613	7933G	620	862F	82
7042LCD/RV	256	7320NA	600	7610G	614	7935G	620	862LP	81
7042LCD/RV-INT	256	7321NA	601	7610N	614	7939G	621	862PH	81
7043	256	7322SA	601	7611G	618	7940	617	862PE	82
7061TC	629	7323SA	601	7635N	624	7949	621	862PH/L	82
7076BC	629	7328A	590	7637G	624	7970	627	862PH-XL	82
7076BD	629	7328N	590	7650	614	7971L	627	862PZ	82
7076BP	629	7340B	607	7650B	614	7978L	627	862TX	82
7076BU	629	7341N	607	7653G	620	7979B	628	862TX/L	82
7093BC	629	7349RP	607	7654B	624	7980N	628	862TX-XL	82
7093BD	629	7350RP	608	7654N	624	7980NC	628	866LP	82
7104 90	628	7352A	602	7657B	624	7980R	628	866PH	82
7105 6	628	7352B	602	7657N	625	7984EG	628	866PZ	82
7109A	629	7352G	602	7658CM	623	7984G	628	866PE	83
7109D	629	7352LG	603	7658N	623	7985	628	866RTX	83
7195A	629	7353Y	603	7659N	623	7996N	628	866TX	83
7200BKK	596	7354N	603	7660B	614			867/...	84
7201BKK	596	7355V	603	7660G	614			867/C20	84
7210BKK	596	7356G	604	7661B	618			867/C38	84
7212B	593	7356LN	604	7661G	618			867/C52	84
7212G	593	7356V	604	7664G	625			867PE	83
7212LG	593	7357G	604	7664N	625			867PE/L	83
7213G	594	7357V	605	7665G	625			867RIBE	83
7214FN	594	7362B	605	7665N	625			867RTX	83
7214G	594	7363N	605	7669N	623			867RTX/L	83
7214LN	594	7372B	606	7670G	623			867RIBE/L	84
7215FN	595	7376A	606	7673NG	622			867TX	83
7216BKK	597	7381N	606	7674NG	623			867TX/L	83
7218FN	595	7382N	606	7780QN	624			867XZN	83
7218G	595	7398 0/G	610	7800G	628			867XZN/L	83
7220PEK	591	7398ESD	610	7815CM	618			882	84
7221PEK	591	7398GEL	610	7818BL	615			882AN	84
7222PEK	591	7398T	610	7818CM	615			882M	84
7223PEK	592	7398U	610	7818G	615			882M1	84
7224PEK	592	7398UP	610	7818LN	616			882MSR	85
7225PEK	592	7398EF	611	7830SN	616			882P	85
7235BK	597	7399 A/N...	611	7830ST	616			892	85
7236BK	598	7421	611	7831SN	618			895	85
7238WR	598	7423	611	7831ST	618			897	85
7239B	598	7425	611	7840BL	616			897L	85
7241EN	587	7427	611	7849BL	620			8001Z	634
7241BK	588	7429	611	7860G	616			8001Z-K	634
7241CK	588	7431P	611	7861G	619			8001TZ	635
7243EN	587	7527	613	7863G	619			8001TZ-K	635
7243BK	588	7528	613	7865G	620			8002ZD	635
7243CK	589	7529	618	7867G	622			8002ZS	635
7243CR	589	7530	613	7869G	621			8003ZD	635
7243FT	589	7545F	625	7880SC	616			8003ZS	635
7245BK	589	7547AZ	625	7900B	617			8004ND	635
7246E	587	7547BL	625	7900G	617			8004NS	635
7246BK	590	7547G	626	7900P	617			8005Z	632
7247BK	590	7547N	626	7900V	617			8005TZ	633
7248GK	598	7547R	626	7901G	619			8005TZ-K	633
7249GK	599	7549AZ	626	7903G	619			8005Z-K	633
7293HM	608	7549BL	626	7903P	619			8006Z	633
7293HN	608	7549G	626	7904N	624			8006Z-K	633

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80	15								
80/S	15								
83	15								
83/S	15								
83AS	16								
83AS/S	16								
88	16								
88/S7	16								
89BA	308								
89MQ	289								
850MQ	289								
851	78								
851SR	78								
852	116								
855P	78								
860/58K	557								
860/C27	557								
860/55	79								
860/58	79								
860/C38P	80								
860LP	557								
860MIX/A10	557								
860MIX/A31	557								
860PE	557								
860PH	557								
860PZ	557								
860PE/A10	79								
860PHZ/A10	79								
860RTX	557								
860TX	557								
860TX/A10	557								
861/C61P	81								
861LP	80								
861PE	80								
861PH	80								
861PH/C	80								
861PZ	80								
861PZ/C	80								

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8007Z	633	8060R/PS	656	8146/RKCI	657	8205	658	8600 R/601	582
8007Z-K	633	8061R - 8061F	649	8146/RKFC	657	8206	658	8600 R/611	582
8008N	633	8062	650	8146/RKLL	657	8207	658	8702N	636
8008N-K	633	8063	649	8146/RPC	657	8209	658	8702Z	636
8008TZN	634	8063SL	649	8147C	651	8210	658	8702ZC	636
8009TZ	634	8064S	649	8147S	651	8210F	659	8709N	637
8009TZ-K	634	8065SC	650	8147P	652	8210FTP	659	8709Z	637
8009Z	634	8068S	641	8148	652	8216	659	8709ZC	637
8009Z-K	634	8074	653	8148F	652	8216-K	659	8872	300
8009FD	636	8074A	653	8148/RA	657	8220	659	8872A	300
8009FS	636	8074G	653	8148/RKCL	657	8225	660	8872AS	300
8010TZ	634	8080	653	8148/RKCM	657	8227	660	8873	300
8010Z	634	8080FM	653	8148/RKG	657	8228	660	8877	300
8010Z-K	634	8082	653	8148/RKS	657	8240	660	8877M	300
8015	637	8083	653	8148/RP	657	8240F	660	8879	300
8016	637	8085R	648	8149S/A	651	8242F	660	8880	300
8016FR	637	8086	648	8149	658	8242	661	8883	300
8016FR-K	637	8090R - 8090	648	8149CM	658	8248	659	8889C1	518
8016-K	637	8090F	667	8149CM/RA	658	8249	659	8889C2	518
8016U2	638	8091	644	8150	664	8249G	659	8889C3	518
8016UGK	638	8091SL	644	8153	664	8250	662	8889P1	518
8016U-K	638	8092	644	8156	664	8264	662	8889P2	518
8018E	638	8092SL	645	8157	664	8267	662	8889P3	518
8018T	638	8094	645	8158	664	8272	662	8889C6	519
8020A	638	8094SL	645	8159	665	8273	662	8889CD	519
8021A	638	8096	646	8160	665	8274	661	8889CS	519
8025	639	8096SL	646	8161	665	8274A	661	8889I4	519
8025-K	640	8097	646	8166	667	8274G	661	8889P4	519
8026R	639	8097SL	647	8170	665	8276	661	8889PD	519
8026R-K	639	8098	647	8173	665	8276G	661	8889PS	519
8026A	640	8098SL	647	8176	665	8278	661	<b>9</b>	
8026A-K	640	8100	648	8177	665	8279	663		
8028	640	8105	632	8178	666	8280	662	90	16
8028-K	640	8105-K	632	8179A	666	8282S	662	90/B8N	16
8029R	639	8109	632	8179B	666	8284	662	90/S	16
8029R-K	639	8109-K	632	8179M	666	8285	662	90/SP	16
8031R	639	8110	632	8180	667	8286	663	90AS	16
8031R-K	639	8114	653	8181	667	8287	663	90AS/S	16
8032	639	8116	654	8181S	667	8290	663	90BA	308
8032-K	639	8120	652	8182	668	8293	663	90K	555
8040EN	642	8120B	652	8182A	668	8297C	663	91	17
8040EN-K	642	8120D	652	8182E	668	8297F	663	91BA	308
8040EZ	642	8120DZC	652	8182GD	668	8302Z	636	91HS	295
8040EZ-K	642	8129	653	8182H	668	8303Z	636	91HS-C	295
8041	641	8130	655	8182S	668	8317DZ	654	92	17
8041-K	641	8130A	655	8182T	668	8317SZ	654	92BA	308
8042EN	643	8131DL	655	8182TS	668	8381SL	654	92HS	295
8042EN-K	643	8131Z	655	8182H/2	669	8381SP	654	93	17
8042EZ	643	8135	650	8183	669	8381SX	663	93BA	308
8042EZ-K	643	8135/KCA	656	8184	669	8383C	654	93C	17
8043	642	8135/KGF	656	8185	669	8383P	654	93HS	295
8043-K	642	8135/KGM	656	8186	669	8515V	654	93K	555
8044	643	8135/KLA1	656	8187	670	8515Z	654	94	17
8048	636	8135/KMO	656	8188C	670	8515CH	655	94/S	17
8049	640	8139DL	655	8188CG/25	670	8531	655	94K	555
8049A	641	8139Z	655	8188CU/25	670	8532	655	95	17
8049V	641	8139ZCH	655	8188F	670	8535	655	95/S	17
8050 D	655	8143	650	8188F35	670	8600 R/11	581	95BA	308
8051S	650	8143/RKLL	656	8188VFG2	670	8600 R/12	581	95FTX	17
8051S-K	650	8143/RPC	656	8189	670	8600 R/113	582	95FTX/S	17
8052 - 8055S	649	8143/RKCI	657	8189A	670	8600 R/114	582	96	18
8057R - 8057	649	8143/RPF	657	8189PA	670	8600 R/13	582	96/B	18
8058R - 8058	648	8146	651	8190	669	8600 R/225	582	96/BG7	18
8058R/PS	656	8146C	651	8190B	669	8600 R/412	582	96/BGS7	18
8060R - 8060	648	8146/RK	657	8201T	659	8600 R/511	582	96/SC12	18

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96/SC9	18	97BTXL	23	900FTX/SB9	87	910AN	96	920/25	103
96/ST	18	97BTXL/SC8	23	900FL	88	910A/C10	97	920/35A	103
96/ST6K	555	97RTX	23	900K	557	910A/C16	97	920/36A	103
96AS	19	97RTX/B	23	900L	86	910A/C16Q	97	920/38	103
96AS/B	19	97RTX/SC8	23	900L/SB	86	910A/C16HR	98	920/40	103
96AS/BG7	19	97TTX	23	900LP	87	910A/C17	98	920/42	103
96AS/SC9	19	97TTX/S	23	900M/R55	110	910A/C29	98	920/44	103
96AS/T	19	97TTX/SP	23	900MB	86	910AS/C13	98	920/46	103
96BA	308	97TTXHS	295	900MB/L	86	910AS/MBM-C18	98	920/50	104
96BA/BP	308	97TX	22	900MB/SB	86	910B	93	920/50F	104
96BAF-AS	309	97TX/B	22	900MC	86	910B/SB	93	920/55	104
96BP	20	97TX/BG8	22	900MC/LP	87	910B/SN	94	920/55LC	104
96BP/SC9	20	97TX/G	22	900MC/PH	87	910BL	94	920/55Q	104
96BPC	20	97TX/SC8	22	900MC/TX	88	910BL/SB	94	920/55X	104
96BPC/SC9	20	97TX/ST	22	900ME	88	910BP	95	920/56A	104
96BP-CL	20	98XZN	23	900ME/SB8	88	910BP/SB6L	95	920/58	104
96BP-CL/SC9	20	98XZN/B	23	900M/35	89	910B/C10	97	920/C37	107
96BP/AS	21	99	23	900M/55	90	910B/C16	98	920/R50	111
96BP/ASB	21	99 VN/...	24	900MB/C19	91	910B/C16Q	98	920/R55	111
96BP/AS-SC9	21	99BA	309	900MB/C28	91	910B/C29	98	920/R55LC	111
96BPA	21	99SQ	23	900MC/C24	92	910CF	96	920/R55Q	111
96BPA/SC9	21	99ST	24	900MC/C32	92	910CF/SB	96	920/R55X	111
96BPINOX	302	900	86	900PH	87	910E-HS/56	296	920/55INOX	303
96BPINOX-AS	302	900/R55	110	900PH/SB4	87	910FTX	94	920/R55INOX	303
96BPINOX-AS/B9	302	900/R55-Z	110	900PZ	87	910FTX/SB	94	920/21K	558
96C-AS/SC9	19	900/20LK	557	900PE/AS	88	910FTX/L	95	920/25K	558
96C/AS	19	900/25K	558	900PT	88	910FTX/LSB	95	920/55K	558
96INOXBP/B	302	900/55K	558	900TX	88	910FTX/XL	95	920/58K	558
96L	20	900/55ZK	558	900TX/SB	88	910FTX-XL/C10	95	920A/AS	100
96L/SC12	20	900/58K	558	900T/44	89	910LP	95	920A-AS/SB11	100
96L/SP8	20	900/SB	86	900U	87	910M/R55	111	920AS	100
96LBP	20	900/...	88	900U/SB	87	910MQ/21	289	920AS/L	100
96LBP/SC9	20	900/16	88	900U/C12M	92	910MQ/22	289	920AS/SB11	100
96LC	19	900/25	88	902A/C22	93	910MQ/B	289	920ASL/SB11	100
96LC/SC12	20	900/32	89	902R/C6	93	910MQ/PE	289	920AN	103
96LC/SC8	20	900/35A	89	910/R55	111	910MQ/PT	289	920A/C11	105
96N	18	900/40	89	910/R55Q	111	910MQ/TX	289	920A/C12	105
96N/B	19	900/42	89	910/R55X	111	910MQ/XZN	289	920A/C12X	105
96N/G	19	900/55	89	910/21K	558	910MQ/55	290	920A/C20	105
96N/SC12	19	900/55Z	89	910/25K	558	910MQ/C16	290	920A/C20Q	105
96N/SC9	19	900/58	90	910/55K	558	910MQ/T	290	920A/C20X	105
96N/ST	19	900/C11	90	910/58K	558	910ME	95	920A/C21	106
96N/ST6K	555	900/C11Z	90	910/15	96	910ME/SB	95	920A/C21X	106
96T	21	900/C12MR	90	910/16	96	910M/35	96	920A/C33	106
96T/AS	21	900/C39N	90	910/20 - 910/21 -	96	910M/55	97	920A/C17M	107
96T/S11	21	900/C39U	90	910/22	96	910M/56	97	920A/C17MR	107
96T/S6	21	900/C12MZ	91	910/25	96	910PE	95	920AS/C10	107
96T/SP	21	900/C13-5	91	910/36A	97	910PE/AS	95	920AS/C15	107
96T/SPV	520	900/C13-8	91	910/40	97	910PE/SB	95	920AS/C17X	107
96TAS/S	21	900/C24	91	910/42	97	910PH	95	920AS/MBM-C21	107
96TBP	22	900/C11HR	93	910/46	97	910PH/SB4	95	920A/C17HR	108
96TBP/S6	22	900AS	86	910/55	97	910PT	96	920AK	558
96TBP-HS	295	900AS/MB	86	910/55Q	97	910PT/SB	96	920A	99
96THS	295	900AS/SB11	86	910/58	97	910TX	96	920A/SB13	99
96THS-AS	295	900AS/L	87	910AK	558	910TX/SB	96	920A/SB8	99
96TINOX	303	900AS/MBL	87	910A	93	910XZN	96	920AL	99
96TINOX/S6	303	900AN	88	910A/SB	93	911BA	309	920AL/SB11	99
96TINOX-AS	303	900AS/C10	92	910AL	93	911BA/16	309	920BP	101
96TINOX-AS/S8	303	900AS/C17-MBM	92	910AL/SB14	93	911BA/20	309	920BP/SB	101
96TK	556	900AS/MB-C17	92	910A/AS	94	911BA/55	309	920B/C11	105
97BTX	22	900BG/30K	558	910A-AS/SB13	94	914MQ/A	290	920B/C12	105
97BTX/B	22	900BG/30	89	910AS	94	914MQ-A/S4	290	920B/C12X	105
97BTX/SC8	22	900BG/30C	89	910AS/L	94	920/15	103	920B/C20	105
97BTX-C	22	900E-HS/56	296	910AS/SB13	94	920/16	103	920B/C20X	106
97BTX-C/SC8	22	900FTX	87	910AS/SN	94	920/20+920/23	103	920B/C21	106
				910ASL/SB12	94				



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920B/C21X	106	921BA/50	310	944BX/D	114	960PI/S	122	991	126
920B/C30Q	106	921BA/R50	310	944BX/S	114	960PMC	122	992	126
920B/C33	106	921BA-AS	310	944BX/DG	570	960RPI	122	993	126
920B	99	926BA	310	949	114	960S	119	993G	127
920B/SB13	99	926BA/15	310	949/S6	114	960SL	119	993MQ	291
920B/SB8	99	926BA/22	310	950	114	960SN	119	993PL	126
920BL	99	926BA/42	310	950/S	114	960T/A	119	994	127
920BL/SB11	99	926BA/50	311	951	115	960T/B	119	994MQ	291
920ES	102	926BA/R50	311	951/S	115	960T/C11	119	994PL	127
920ES/SB	102	928.../C12	109	951/SP	115	960T/C	120	994TF	127
920ES/XL-SB	102	928/15	109	951AS	115	960T/D	120	996	127
920E-HS/55LC	296	928/16	109	951AS/S	115	960T/E	120	998	127
920FTX	100	928/20 - 928/21 -	109	951BA	311	960T/F	120	999	127
920FTX/C	100	928/22		951K	559	960T/G	120	999/B6N	127
920FTX/L	100	928/25	109	951MQ	291	960T/H	120	999A	127
920FTX/LSB	100	928/36A	109	951TX	115	960T/I	120	999B	127
920FTX/SB	100	928/42	109	951TX/S	115	960T/L	120	999C	127
920INOX-A	303	928/55	109	952	116	960T/M	120	999D	127
920LH/SB7	101	928/R55	111	952/S	116	960UC	122	999E	127
920LP	101	928/R55X	111	952AS	116	960VTC	122	999G	127
920ME	101	928A	108	952FTX	116	960YP	121	9500TL	672
920ME/SB	101	928AS	108	952FTX/S	117	961BA	311	9501TL	672
920ME/C	102	928AS/C12	109	952L	116	961P6	123	9501TLD	672
920M/35	103	928B	108	953	117	961P6/S	123	9502TL	673
920M/35L	103	928B/C12	109	953/S	117	962	123	9503TL	673
920M/55	104	928ME	108	953TX	117	962C	123	9504TL	673
920M/56	104	929	109	953TX/S	117	962M	123	9505TL	673
920MC/C14	105	929/15	110	955	117	962P	123	9508TL	673
920M/R55	111	929/21 - 929/22	110	956C	117	963	123	9510W	673
920MQ/21	290	929/42	110	956E	117	963BA	311	9515M	676
920MQ/22	290	929/55	110	956F	117	964	123	9516B	676
920MQ/55A	290	929/55PR	110	956L	118	964BA	311	9521	676
920MQ/A	290	929/C8	110	957	118	964BA/L	311	9521OB	676
920MQ/PE	290	929/R55	111	959	118	965	123	9522A	681
920MQ/T	290	930	111	959R	118	965/S	123	9523T	678
920MQ/C16	291	930/C	111	960	118	965BA	311	9523A	681
920MC	99	930/S	111	960/22EP	120	966/C3	123	9524SC	678
920PE	101	932	112	960/C6	120	966BA	311	9525/B	675
920PE/AS	101	932/S	112	960/D	120	966BA/V	311	9525F	675
920PE/C	101	932HS	296	960A	118	969/C5	124	9525TL	675
920PE/SB	101	933	112	960AVE	121	969B	124	9526P	681
920PE-AS/SB6	101	933/S	112	960AVL	122	970B	124	9526RMN	681
920PH	101	935	112	960AD/TP2	177	970IVECO	124	9527 6T	681
920PH/SB4	101	935/S	112	960BC	118	971/C8	124	9527MUG	681
920RTX	102	935K	558	960BC/C5	118	972/C10	124	9528B	678
920RTX/SB	102	937	112	960BC/P 28	118	972/C4BMW	124	9534WO	673
920TX	102	937/S	112	960BT/B	118	973	124	9534BO	674
920TX/C	102	937BA	311	960CMB	121	978 - 979	124	9537TL	674
920TX/L-SB4	102	937K	558	960CMB/R2	121	982	125	9539CB	676
920TX/SB	102	940	112	960CMD	121	983 PM/R-DA	125	9541BIKE	675
920TX/C17	108	941	113	960CMD/R1	121	983PM	125	9541F	675
920U	100	941/S	113	960ER	119	984	125	9541PC	675
920U/SB13	100	942BX	113	960EPC	121	985/B7	125	9541S	675
920U/SB4	100	942BX/S	113	960EPC/L	121	985F	125	9542M	676
920U/C17M	108	942BX/DG	570	960E-PI/P	121	985M	125	9542AL	677
920XZN	102	943BX	113	960F	119	986 48	125	9542AT	677
920XZN/LS	102	943BX/D	113	960G	119	986 78	125	9542C	677
920XZN/SB12	102	943BX/S	113	960H/C4	119	986PT	125	9542G	677
920XZN/SB7	102	943BXK	559	960KC-M8/M9/M10	121	987	125	9542GW	677
921BA	310	943BX/DG	570	960KPC	122	987AR	126	9542S	677
921BA/15	310	943FL	113	960L	119	987P	126	9543C	677
921BA/16	310	943FL/S	113	960M	119	988/K4	126	9544C	674
921BA/21 - 921BA/22	310	943MQ	291	960P	122	989	126	9547T	678
921BA/25	310	943MQ/S	291	960PI	122	989A	126	9547WSK	678
921BA/42	310	943MQ/BG	570	960PI/C19	122	989B	126	9547	681
		944BX	114			990	126		

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9548G	678	9597P	678	C11 - 2111	349	C45PRO M7	432	C55M4	410
9548KB	678	9598WHP-N	676	C12 - 2112	349	C45PRO M7A/W	429	C55M7	410
9548KB 20	678	9598W-N	676	C13	349	C45PRO M7A/X	429	C55M8	411
9548KB 24	678	9599 GARAGE	673	C14	349	C45PRO M8	433	C55MA	412
9549ABW	680	9599CB-N2	676	C16 - 2116	350	C45PRO MA	434	C55MDO	412
9549BP	680	9599CB-W	676	C18 - 2118	350	C45PRO ML	434	C55MP	418
9549CR	680	9711 - LUBRIBETA	524	C19 - 2119 - C19L - 2119L	351	C45PRO MS	433	C55MS	413
9549MPC	680	universal				C45PRO MWS/W	430	C55P/2MDX-SX	414
9549SBW	680	9713 - Ultra Sblock	524	C20 - C20L - 2120	351	C45PRO MWS/X	429	C55P/MCD	414
9549BRW	681	9721 - Multi Grease	524	C20TSS	304	C45PRO PAS	436	C55PB/3	401
9549C	681	9723 - Lithium Grease	524	C22B	351	C45PRO PF	436	C55PFA-0,8	416
9557J 2.0	675	9725 - PTFE Grease	525	C22P	351	C45PRO PFE	437	C55PFA-1,0	414
9557N	675	9727 - Copper Grease	525	C22W	351	C45PRO PM	438	C55PM	414
9559	679	9730 - Silic Spray	525	C25	368	C45PRO PML	438	C55PM/M0,8	416
9559/30MT	679	9739 - Cutting Oil	525	C27S	369	C45PRO RD	433	C55PRO B/2	402
9561V	679	9741 - Brake Cleaner	525	C30M	371	C45PRO SL	436	C55PRO B/2,8	403
9561V 2,5	679	9742 - Multi Cleaner	525	C35/6GM	372	C45PRO SS	436	C55PRO B-D4	404
9561VV	679	9743 - Contact Cleaner	525	C35/7GM	373	C45PRO T3	435	C55PS	417
9561VV 2,5	679	9744 - Surface Cleaner	525	C35/8GM	373	C45PRO TC	435	C55PSE	417
9562T1	278	9746 - Carb Cleaner	525	C35/9GM	373	C45PRO W	424	C55PT0,8x0,6	416
9562T3	278	9747 - Clima Cleaner	526	C37/6	375	C45PRO X	423	C55PT1,0x0,6	415
9562T2	397	9750 - Air Spray	526	C37/7	374	C45PW/1-0,7MT	430	C55PTE-0,8	416
9562TB	630	9753 - Zinc 98%	526	C37/8	375	C45PW/2-1,3MT	430	C55PTE-1,0	415
9562P12	683	9756 - Welding Spray	526	C37A/7	375	C45PW/3-2,0MT	431	C55RB	407
9562P2	683	9766 - De-icer Spray	526	C38	377	C45PX/1-0,7MT	430	C55STR	422
9563G	680	9801L	522	C38C	378	C45PX/2-1,3MT	430	C55T3	413
9563U	680	9802M	522	C38L	377	C45PX/3-2,0MT	431	C56	394
9565S	630	9803H	522	C38L A	377	C45STR	439	C56B	394
9565BBQ	679	9811L	522	C38T	378	C48M	386	C56M	395
9565T	679	9812M	522	C39/6	380	C48P	386	C56P O	389
9565ICE	680	9813H	522	C39/7	379	C51	387	C56PL O	389
9565K	680	9821L	523	C39/8	380	C54S	390	C56W	394
9569MS	682	9822M	523	C39MD	382	C55	400	C57SA	391
9569MS-2	682	9823H	523	C39SM	382	C55/1PF	416	C57SB	392
9569P	682	9831L	523	C39T	380	C55/2PM	415	C57SC	392
9569S	682	9832M	523	C41H	383	C55/PF	414	C57SD	391
9572LB	673	9833H	523	C41H/CE	383	C55/PL-1,024	407	C57SP	393
9574B	675	9833M	523	C41S	383	C55A1	420	C58B	395
9574O	675	98341R	524	C42H	384	C55A1/R42	420	C58M	395
9577R	679	9852	524	C45LMP	440	C55A2	421	C58M/PA	396
9579C	679	9881U	264	C45PRO ACT	435	C55A2/R70	421	C58P	393
9580S	674	9882R	264	C45PRO AS1	439	C55AB	401	C59A	396
9586K	681	9899 CV/A	110	C45PRO AS2	439	C55AC	418	C59B	397
9587 13x21	682	9899 CV/B	110	C45PRO AW	424	C55AE	417	C59C	397
9587 9x14	682	9899 CV/C	110	C45PRO AX	424	C55AT1	422	C62M/W	629
9588M	682			C45PRO BPW-1,3	428	C55AT2	422	C64/1	629
9588S/10...	682			C45PRO BPW-2,0	428	C55B PT/2	407	C64CW	630
9588/10PI	683			C45PRO BPX-1,3	427	C55B PT/2,8	407	C64G/1	630
9589A/36	683			C45PRO BPX-2,0	428	C55B/1	419	C68	574
9589B/36	683			C45PRO BW	425	C55B/2	402	C68 G	574
9590B	679			C45PRO BX	425	C55B/2,8	403	C68N	574
9592B/C50	681			C45PRO C5	431	C55B/G	405	C88 R/1	574
9592B/P	681			C45PRO C7	431	C55B/GAA	405	C88NR/1	574
9592M/50	681			C45PRO CAI/W	438	C55B/GAE	406	C88SE	574
9592MB	681			C45PRO CAI/X	438	C55B/GDP	405	C88VE	574
9593A	674			C45PRO CORNER/W	437	C55B/GDS	405	C99	352
9593M	674			C45PRO CORNER/X	437	C55B/GE	406	C99C-V3	355
9593S	674			C45PRO CW	427	C55B/VS	407	C99M	356
9593SB	674			C45PRO CX	427	C55B-D4	404	C99P	355
9593W	674			C45PRO DW	426	C55C	419	C99P12-V0	353
9594	681			C45PRO DX	425	C55C7	408	C99PC	356
9595 C25	682			C45PRO EW	426	C55C8	409	C99PP	356
9595C	682			C45PRO EX	426	C55CS	411	C99P-V3	356
9595T	682			C45PRO M3A	434	C55KAI	418	C99T	356
9596	682			C45PRO M4	432	C55KAS	418	C99T-V3	356
				C45PRO M5	432	C55M2	409	C99V0	352

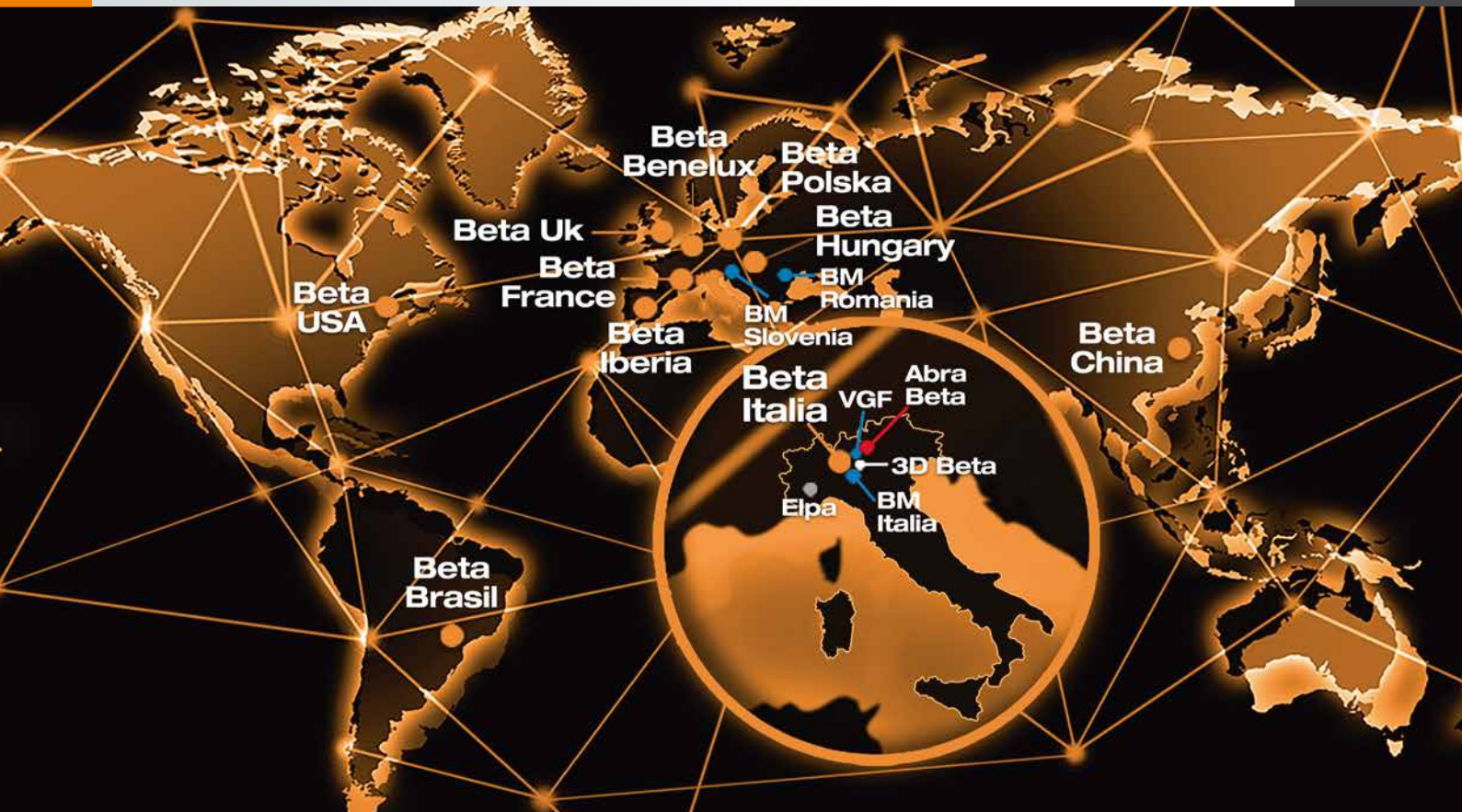
# ALPHANUMERIC INDEX

C99V0-P12	353	M125	498	MC20	504	T45	509	T201	515
C99V1	354	M126	499	MC21	504	T46	509	T202	515
C99V2	354	M127	499	MM105	506	T48	509	T204	515
C99V3/2C	355	M128	499	MM11	506	T50	509	T205	515
CA49-G	385	M129	499	MM140	507	T52	509	T206	515
CB/2	520	M133	499	MM210	507	T53	509	T207	515
CB52	388	M134	499	MM400	507	T55	509	T208	515
CD23S	358	M135	499	MM401	507	T57	510	T209	515
CP	440	M136	499	MM61	506	T59	510	T211	515
CP15 - 2115	349	M137	499	MM63	506	T63	510	T213	515
CP15L - 2115	350	M145	499	<b>P</b>	T64	510	T216	515	
CP17 - CP17L - 2117	350	M153	500		T65	510	T221	516	
CP51	388	M161	500	PM 1/2-Q5	102	T68	510	T226	516
CX49-G	385	M162	500	PM/5C	440	T73	510	T227	516
<b>G, K</b>		M166	500	PM/6C	440	T75	510	T228	516
		M170	500	PV	393	T76	510	T231	516
		M172	500			T77	510	T233	516
GM	519	M174	500	<b>R</b>	T79	510	T234	516	
KIT/GPS	519	M180	500		T80	511	T236	516	
<b>M</b>		M195	500	RSC22	357	T81	511	T239	516
		M201	500	RSC23	358	T82	511	T241	516
		M204	501	RSC23C	358	T83	511	T250	516
M01	494	M208	501	RSC23T	359	T85	511	T256	516
M02	494	M209	501	RSC24/5	361	T91	511	T259	517
M05	494	M213	501	RSC24/6	361	T92	511	T264	517
M06	494	M214	501	RSC24/7	360	T99	511	T270	517
M13	494	M216	501	RSC24/8	361	T100	511	T273	517
M25	494	M217	501	RSC24A/6	362	T101	511	T281	517
M30	494	M218	501	RSC24A/7	362	T102	511	T284	517
M31	494	M219	501	RSC24A/8	362	T103	512	T285	517
M33	494	M222	501	RSC24AXL/7	363	T105	512	T289	517
M38	494	M226	501	RSC24AXL/8	364	T106	512	T291	517
M39	495	M227	502	RSC24AXL/9	364	T111	512	T297	518
M40	495	M230	502	RSC24L/7	367	T112	512	TSP	519
M44	495	M231	502	RSC24L-CAB	367	T113	512	<b>V</b>	
M45	495	M233	502	RSC28	370	T121	512		
M46	495	M234	502	RSC51	387	T123	512		
M49	495	M236	502	<b>S</b>	T124	512	VE1	519	
M50	495	M237	502		S42/17	520	T136	VP1 - VP2	518
M52	495	M240	502	S55/12	519	T137	VP3 - VP4	518	
M53	495	M264	502	S55/8	519	T138	VP5	518	
M55	495	M284	503	S96T/8	520	T140	VP6	518	
M60	496	M285	503	S951/6	520	T144	VP-3SC	518	
M62	496	M289	503	S952/10	520	T145	VP-LD	518	
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M65	496	M295	503	SB	519	T151	VPM	507	
M67	496	M305	503	SGN	520	T153	VPM0	507	
M69	496	M310	503	SPC	440	T156	VPM3	507	
M75	496	M400	503	SPG11 - S1203/8	520	T157	VPM7	507	
M78	496	M401	503	ST2P	519	T160	VPM7-C	507	
M79	496	MB	519	<b>T</b>	T161	513	VPM8	507	
M82	496	MB12	504		T164	513	VPM9	507	
M83	497	MB37	504	T167	514				
M85	497	MB38	504	T168	514				
M86	497	MB39	504	T170	514				
M91	497	MB44	505	T171	514				
M92	497	MB45	505	T172	514				
M94	497	MB46	505	T173	514				
M96	497	MB47	505	T175	514				
M100	497	MB56	505	T176	514				
M105	498	MB58	505	T177	514				
M108	498	MB59	505	T180	514				
M110	498	MB63	506	T183	514				
M112	498	MB64	506	T198	514				
M115	498	MB65	506	T199	515				
M120	498	MC10	504						
M121	498	MC12	504						



# BETA GROUP

## KEY FIGURES



**8 production units**  
IN ITALY



Approximately **900**  
staff

**11 branches**  
worldwide

Active in over  
**100 countries**  
worldwide  
with over **250**  
importers



**BETA UTENSILI S.p.A.** - 20845 Sovico (MB)  
Via A. Volta, 18 - Tel. 039.2077.1 - Fax 039.2010742  
[www.beta-tools.com](http://www.beta-tools.com)

**Robur Wire rope accessories:**  
67039 Sulmona (AQ) Zona industriale - C.da S. Nicola  
Tel. 0864.2504.1 - Fax 0864.253132  
[www.roburitaly.com](http://www.roburitaly.com) - [info@roburitaly.com](mailto:info@roburitaly.com)



# THE HISTORY OF ITALIAN TOOLS

- 1923** ● Alessandro Ciceri founded “Alessandro Ciceri & Figli”, in Erba (in the province of Como), to manufacture iron and steel casts.
- 1939** ● The trademark Beta was registered, and the Company became involved mainly in **manufacturing professional tools** at the factory in Sovico (in the province of Monza e Brianza). The Company is still based in Sovico.
- 1960** ● Beta Utensili employed no less than two hundred people, established themselves as an up-and-coming manufacturer of professional hand tools and exported their products.
- 1969** ● The revolutionary orange sheet metal **“Tank” trolley** was launched; from that moment orange would result in a unique style for the trademark Beta.
- 1971** ● Beta Utensili entered the **motor racing world** – first in Formula 1 and then in rally racing and motor sports in general.
- 1973** ● The **factory in Castiglione d’Adda** (in the province of Lodi) was opened, thus joining the established factory in Sovico (in the province of Monza e Brianza).
- 1975** ● The Company scored their first Formula 1 victory, with the orange **March-Beta Utensili** driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.
- 1980** ● Beta Utensili further penetrated the main European markets, **establishing branches** in France, Britain, Holland, Spain, Poland and Hungary.
- 1984** ● The Company opened their **third factory in Sulmona** (in the province of L’Aquila). In the forge shop, they started manufacturing the iconic combination wrenches, item 42. The production and testing of lifting accessories kicked off under the brand name Robur.
- 1995** ● It took the Company no more than 8 months to have their **Quality System** certified in accordance with the **ISO 9001** standards.
- 2000** ● The launch of the new Beta Utensili catalogue testified to **ongoing growth**. The range of available products was doubled, and the over 10,000 coded items were divided into 20 product families.
- 2002** ● Beta Utensili’s range was further expanded, being supplemented with safety footwear as well as with the work and free-time wear collection, “Beta Work”.
- 2009** ● Beta further expanded their markets, establishing the new branch, Beta China.
- 2012** ● Beta Brazil was founded.
- 2016** ● Beta introduced the new modular workshop equipment combination system, RSC55.
- 2018** ● The **Beta Group** further established themselves, by taking over **BM S.p.A.**, a leading manufacturer of terminal lugs and electrical connection systems, **3D Beta S.r.l.**, a company specializing in the design and production of customized workshop equipment combination systems, and **VGF S.r.l.**, a company specializing in powder coating of metal furniture. The Group’s growth strategy was accelerated with the acquisition of the leading manufacturers of abrasives, **Abra Beta S.p.A.** and **Elpa Abrasivi S.r.l.**, which translated into an even wider range of professional items.
- 2020** ● **Beta Tools USA** was established, as a major step towards expansion in the North American market.
- 2023** ● Based on our ongoing growth strategy, we can currently boast **30 product families** and over 16,000 coded items, developed to satisfy professionals’ requirements and provide long-term quality and performance, according to the principle **“Beta Well Done”**, because we at Beta can only do things well.



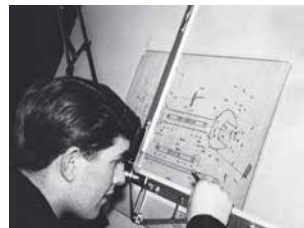
1923 Alessandro Ciceri & Figli



1939 Forging department



1955 Shearing department



1960 Design department



1969 Tank trolley



1974 Advertisement for tool assortments



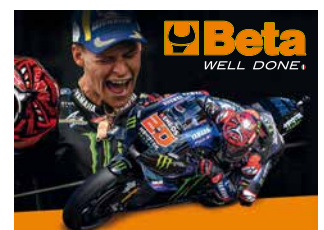
1975 Vittorio Brambilla



2002 “BetaWork”



2016 Workshop equipment combination system RSC55



2022 Fabio Quartararo, Beta Ambassador

# CERTIFIED QUALITY

In 2018 Beta roller cabs were awarded prestigious **Tüv** certification, after passing severe tests according to protocol EK5/TA5.

Protocol EK5/TA5 deals with 31 well-defined building characteristics, stringent static tests and dynamic behaviour tests. Other tests determine resistance to high and low temperatures, the service life of markings over time and corrosion resistance.

Credit for this achievement is due to the expert design, accurate manufacture and stringent tests Beta relies on for its roller cabs, which has allowed their quality to be acknowledged by end users.





# CONTROL AND QUALITY

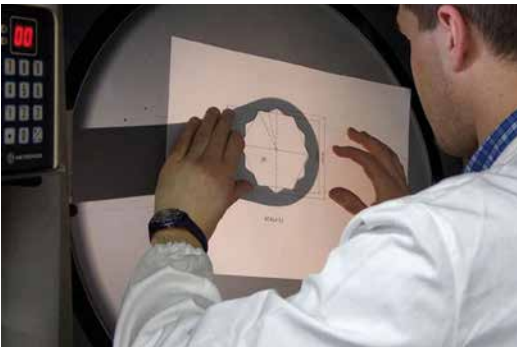


At Beta, quality has a simple, concrete meaning: "that which fully satisfies the needs and expectations of the professional users who rely on our products as an irreplaceable working instrument". Tools are not only designed and manufactured correctly to fulfil a need, but they must guarantee repeat performances consistently over time.

At Beta, quality goes beyond a merely attentive industrial and sales policy, to permeate every company division, driving us all to achieve increasingly ambitious goals in terms of customer satisfaction. Beta has built its history on this very concept.



**Beta quality,  
our most  
concrete proof**



**The quality of Beta tools  
is a synergy  
of age-old techniques  
and new technologies.**



Since 1995 our production processes have complied with the ISO 9001 Quality System standards





# LOGISTICS



**22.000 m<sup>2</sup>**  
**surface area**



**16.000**  
coded items  
and over **27.000**  
loading units



**Quick, prompt**  
**and complete**  
**deliveries**





# WORK ORGANIZATION

5S is a workplace organization method of Japanese origin. The name is derived from the western transcription of 5 Japanese words: **seiri, seiton, seiso, seiketsu and shitsuke**.

Following the 5 steps identified by the words allows a systematic, repeatable method to be implemented with a view to optimized working standards and enhanced operating performance.



## SEIRI

### SORT

Remove all unnecessary items from the workplace; only keep the items you need.



## SEITON

### SET IN ORDER

Put everything into its proper place: a place for everything and everything in its place.



## SEISO

### SHINE

Keep the workplace clean and tidy.



## SEIKETSU

### STANDARDIZE

Establish consistent work practices to keep rationalizing resources and spaces, determining a standard to implement.



## SHITSUKE

### SUSTAIN

Support and spread this mindset and behaviour across the organization.



## BENEFITS



Reduced time loss and improved cost-effectiveness



Enhanced quality and productivity



Fewer work accidents



Greater efficiency



**BEFORE**



**AFTER**

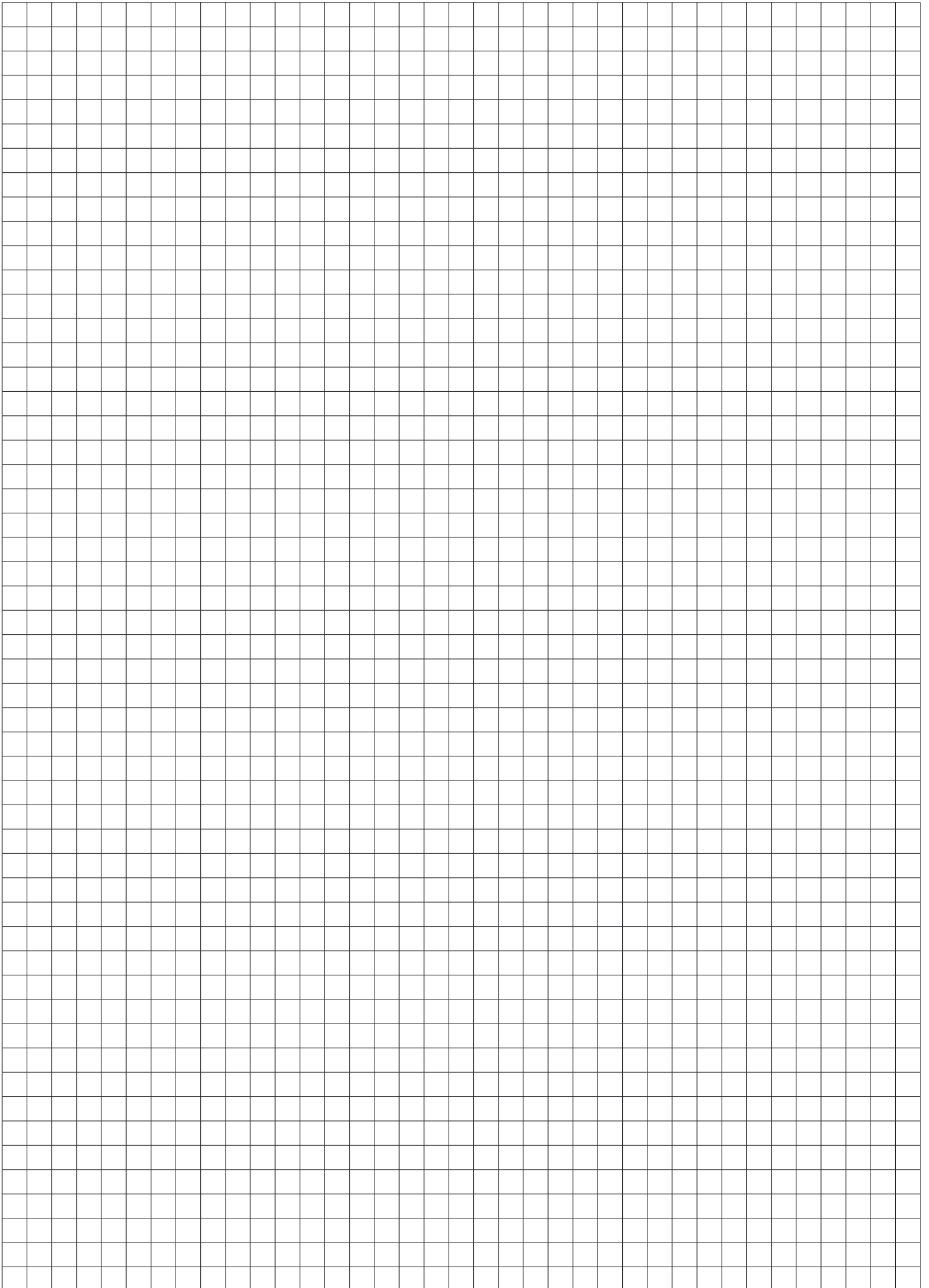


# EFFECTIVE PRESENCE



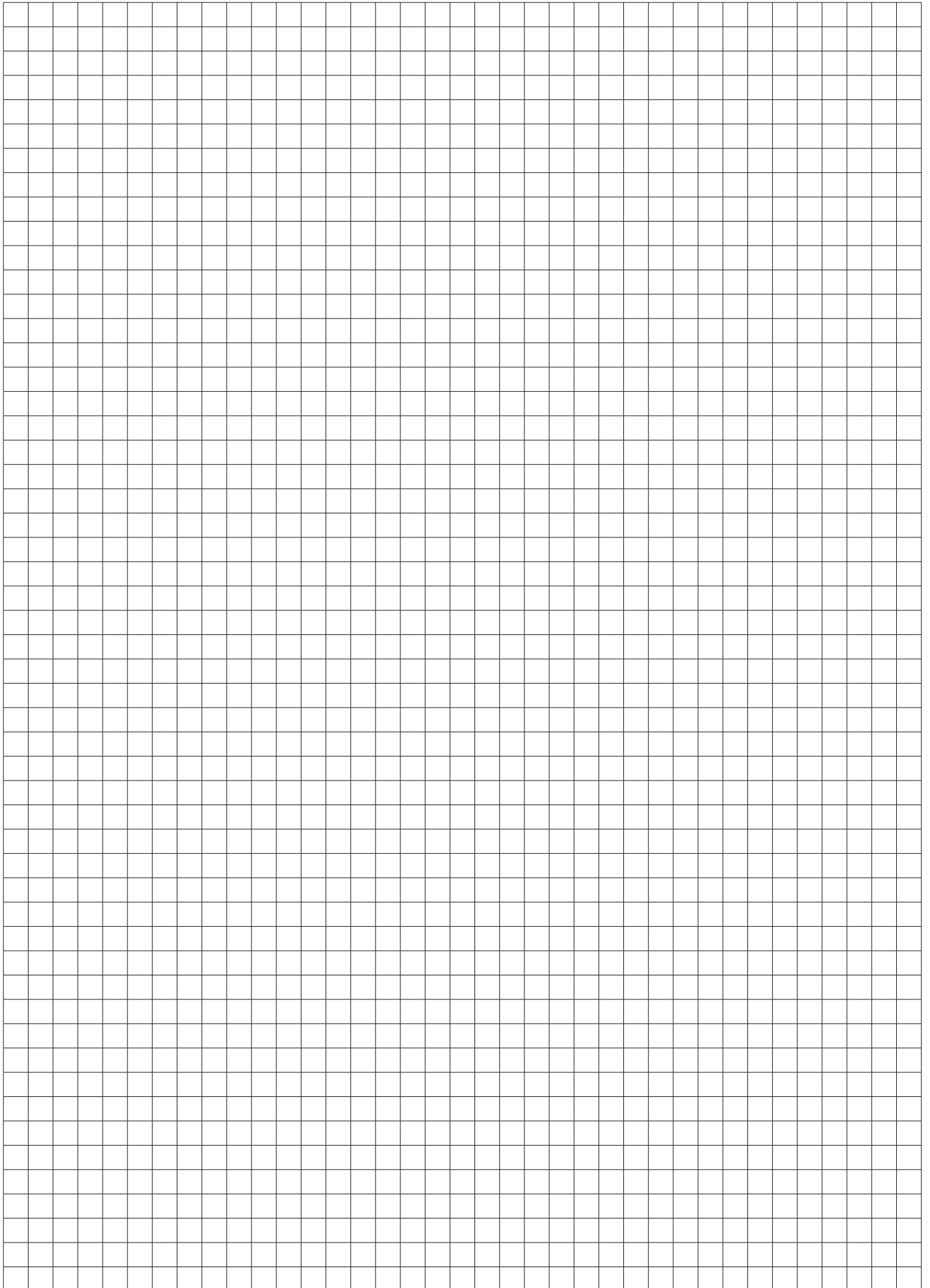
**Demonstration  
unit  
2022**





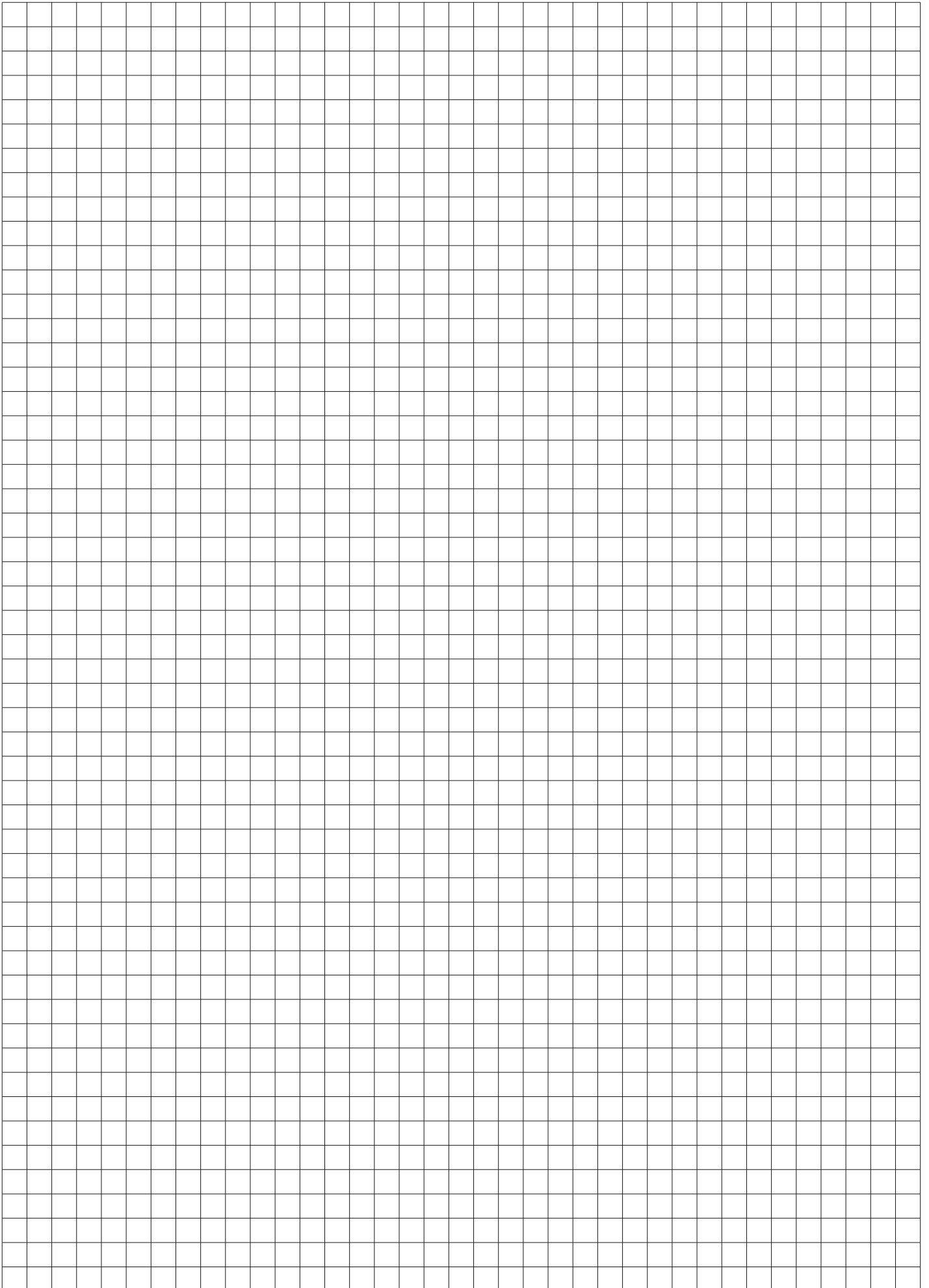














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