



Beta ABRASIVES

2022 Catalogue



The Beta Abrasives project was launched in late 2018, when Pian Camuno (BS) based AbraBeta, a market leader in the production of hard abrasives, was taken over.



2018



Beta Utensili is Italy's leader in the design and production of professional working tools and instruments. Established in 1939, it has grown into a group with over 900 staff, men and women employed in 8 factories in Italy and in 11 commercial branches in Europe, Asia and South America as well as in the subsidiaries. The Company relies on eleven branches and over 250 distributors to be active in the international market, thereby reaching professional users worldwide, with a catalogue comprising over 15,000 coded items.



Abra Beta, established in the province of Brescia in 1975, is a market leader in the production of resin bond reinforced abrasives for grinding and cutting all types of materials and shaft-mounted wheels. Productive capacity, which has been growing non-stop, currently exceeds 100,000 pieces a day, manufactured in Pian Camuno's production facilities, which employ over 100 staff. AbraBeta is a member of the Organization for the Safety of Abrasives (OSA), which testifies to the Company's attention to the safety of end users.

Since 1975 AbraBeta has been standing out as a benchmark for professional users of hard abrasives. The highest quality standard and reliability have always been the key ingredients of the success of this Company, which has been providing unparalleled technical expertise in their industry.

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.



2019





ELPA  **ABRASIVI**

Elpa Abrasivi S.r.l., established in 1981, is an Italian benchmark for the global flexible abrasives market. Elpa Abrasivi is based in Narzole (in the province of Cuneo), where it manufactures first-rate flap discs, flap wheels on shafts and flap wheels with holes in a fully robotized factory, relying on steady manufacturing output. The facility is fitted with a photovoltaic system which allows the energy requirements to be fully satisfied in an environmentally sustainable manner. In 2019, Elpa joined the Beta Utensili Group. It now stands out - with Abra Beta - as a reliable manufacturer of entirely Italian-made professional abrasives.



Index

Beta ABRASIVES




HARD CUTTING AND GRINDING DISCS

- 6÷8  HARD STEEL DISCS
- 9÷11  HARD STEEL AND STAINLESS STEEL DISCS
- 12  HARD STEEL AND CAST IRON DISCS
- 13  HARD STONE AND BRICK DISCS




ABRASIVE SHAFT-MOUNTED WHEELS

- 15÷20  STEEL WHEELS
- 21  CAST IRON WHEELS



FLAP DISCS

- 24÷28  FLAP DISCS WITH ZIRCONIA CLOTH
- 29-30  FLAP DISCS WITH CORUNDUM CLOTH
- 31  FLAP DISCS WITH CERAMIC-COATED ZIRCONIA CLOTH
- 32  FLAP DISCS WITH CERAMIC-COATED ABRASIVE CLOTH
- 33  FELT FLAP DISCS




SHAFT-MOUNTED WHEELS

- 35  CORUNDUM FLAP WHEELS
- 36  NON-WOVEN WHEELS
- 36  CORUNDUM FLAP/NON-WOVEN WHEELS






WHEELS WITH BORES

- 38  FLAP WHEELS WITH BORES
- 38  NON-WOVEN WHEELS WITH BORES



WHEELS FOR SATINIZING MACHINES

- 40  FLAP WHEELS FOR SATINIZING MACHINES
- 40  NON-WOVEN WHEELS FOR SATINIZING MACHINES
- 40  CORUNDUM FLAP/NON-WOVEN WHEELS



RADIAL AND FIBRE DISCS

- 42  NON-WOVEN RADIAL DISCS
- 42  CORUNDUM FLAP/NON-WOVEN RADIAL DISCS
- 43  FIBRE DISCS WITH ZIRCONIA CLOTH
- 43  FIBRE DISCS WITH CORUNDUM CLOTH
- 43  FIXING PADS FOR FIBRE DISCS

ANTI-WASTE ROLLS

- 44  ANTI-WASTE ROLLS MADE OF CORUNDUM CLOTH
- 44  NON-WOVEN ANTI-WASTE ROLLS

DISPLAYS

- 45-46  FLOOR DISPLAYS
- 47  COUNTER DISPLAYS



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.

A cutting disc is made up of three main parts:

1 - Abrasive grains

which allow material to be removed, through the continuous abrasive action of the sharp edges of the individual grains.

Corundum – A good-quality aluminium oxide, the basic choice for each professional abrasive.

Zirconia – Composed of corundum with the addition of zirconium oxide, resulting in increased strength and allowing sharp edges to regenerate, for increased cutting speed.

Silicon carbide – An extremely hard material, ideal for working hard, brittle materials (stone, marble, refractories) and nonferrous materials.

The dimensions of the grains are chosen by Beta according to the required thickness and characteristics of the disc. The grain size of Beta's discs ranges from 24 to 60.



2 - Resin binders

are used to amalgamate grains with reinforcement mesh. Beta relies on resins which can withstand high temperatures produced by cutting or grinding.

3 - Reinforcement mesh

made of fibreglass, ensures high resistance of the disc to centrifugal forces and mechanical stress.

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





MARKINGS AND SPECIFICATIONS of hard discs

- A** Safety pictograms
- B** Use restrictions
- C** TOP LINE - PREMIUM LINE
- D** Declaration of Conformity
- E** Maximum working speed (m/s)
- F** Maximum rotation speed (rpm)
- G** Type of use
- H** Expiry date
- I** Item code
- J** Size
- K** Disc specifications
- W** Abrasive
A = Corundum
C = Silicon carbide
Z = Zirconia
- X** Grain size
Thick = 24
Medium = 36 – 54
Fine = 60
- Y** Hardness
Soft = N ÷ Q
Medium = R ÷ T
Hard = U ÷ Z
- Z** Particle specifications
BF= resin bonded with fibreglass reinforcement



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: "V07/2023" indicates that the disc was manufactured in the 3rd quarter of 2020 and can be used until the end of the 3rd quarter of 2023.

	Quarter
V01	Jan-Mar
V04	Apr-Jun
V07	Jul-Sep
V10	Oct-Dec



PICTOGRAMS on discs



Wear safety glasses



Wear protector gloves



Disc for cutting only – not for grinding



Wear ear protectors



Wear safety clothes



Do not use disc if damaged



Wear dust mask



Check user manual



Iron, sulphur and chlorine free (≤0.1%)



STEEL

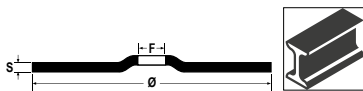
11001

Abrasive steel **cutting** discs with **depressed centre**

- › For use for cutting normal and medium-alloy steel.
- › Also suitable for use for cutting heavy-duty cast iron.
- › Powerful grinders should be used when cutting medium-large sections.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A30S



Ø mm	S mm	F mm	max. rpm			
115	3,2	22,23	13300	10		110010118
125	3,2	22,23	12200	10		110010128
230	3,2	22,23	6600	10		110010233

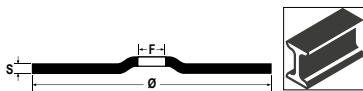
11001H

Abrasive steel **cutting** discs with **depressed centre**
HARD VERSION

- › For use for cutting normal and medium-alloy steel.
- › Powerful grinders should be used when cutting medium-large sections.
- › Higher abrasive hardness ensures longer operating life for disc.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A30T



Ø mm	S mm	F mm	max. rpm			
230	3,2	22,23	6600	10		110010733

11003

Abrasive steel **cutting** discs with **flat centre**

- › For use for cutting normal and medium-alloy steel.
- › Powerful grinders should be used when cutting medium-large sections.
- › Higher abrasive hardness ensures longer operating life for disc.

Recommended use

PORTABLE ANGLE GRINDERS

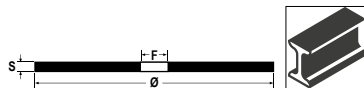


Specifications

CUTTING SPEED



LIFE



A30T



Ø mm	S mm	F mm	max. rpm		
115	2,5	22,23	13300	10	110030117
125	2,5	22,23	12200	10	110030127
180	2,5	22,23	8500	10	110030182
230	2,5	22,23	6600	10	110030232

11011

Abrasive steel **grinding** discs with **depressed centre**

- › For use for grinding steel with a large grinding surface and heavy-duty cast iron.

Recommended use

PORTABLE ANGLE GRINDERS

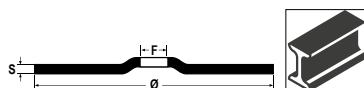


Specifications

CUTTING SPEED



LIFE



A24N



Ø mm	S mm	F mm	max. rpm		
115	6,5	22,23	13300	10	110110115
125	6,5	22,23	12200	10	110110125
180	6,5	22,23	8500	10	110110180
230	6,5	22,23	6600	10	110110230

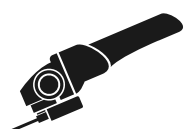
11011H

Abrasive steel **grinding** discs with **depressed centre**
HARD VERSION

- › For use for grinding steel on weld beads and edges.
- › Higher abrasive hardness ensures longer operating life for disc.

Recommended use

PORTABLE ANGLE GRINDERS

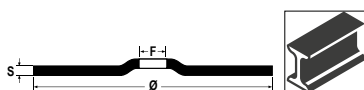


Specifications

CUTTING SPEED



LIFE



A24R



Ø mm	S mm	F mm	max. rpm		
115	6,5	22,23	13300	10	110110615
125	6,5	22,23	12200	10	110110625
180	6,5	22,23	8500	10	110110680
230	6,5	22,23	6600	10	110110730

11018

Abrasive ultra-thin steel **cutting** discs with **flat centre**

- › **Max. speed 60 m/s**
- › For use for cutting small or medium section steel.
- › A single-phase fixed bench cut-off machines should be used.

Recommended use

FIXED CUT-OFF MACHINES



Specifications

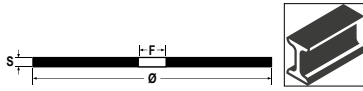
CUTTING SPEED



LIFE



A46N



Ø mm	S mm	F mm	max. rpm		
300	2,5	25,40	4010	10	110180030
350	3,0	25,40	3440	10	110180035
400	3,2	25,40	3010	10	110180040

11019

Abrasive ultra-thin steel **cutting** discs with **flat centre**

- › **Max. speed 80 m/s**
- › For universal use for cutting steel.
- › Fixed medium and/or high power cut-off machines should be used.

Recommended use

FIXED CUT-OFF MACHINES



Specifications

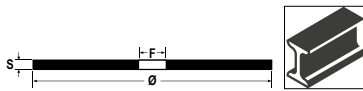
CUTTING SPEED



LIFE



A24N



Ø mm	S mm	F mm	max. rpm		
300	3,8	25,40	5100	10	110190030
350	4,2	25,40	4400	10	110190035
400	4,5	25,40	3800	10	110190040



STEEL AND STAINLESS STEEL



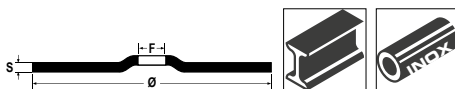
11021

Abrasive steel and stainless steel **cutting** discs with **depressed centre**

- › For use for cutting steel, stainless steel, alloy steel and medium-alloy steel, heavy-duty and hard cast iron.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A30Q



Ø mm	S mm	F mm	max. rpm		
115	3,2	22,23	13300	10	110210118
125	3,2	22,23	12200	10	110210128
180	3,2	22,23	8500	10	110210183
230	3,2	22,23	6600	10	110210233

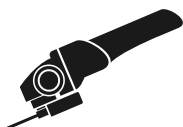
11023

Abrasive steel and stainless steel **grinding** discs with **depressed centre**

- › For use for grinding steel, stainless steel and heavy-duty cast iron.
- › Suitable for grinding large surfaces.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A24Q



Ø mm	S mm	F mm	max. rpm		
115	6,5	22,23	13300	10	110230115
125	6,5	22,23	12200	10	110230125
230	6,5	22,23	6600	10	110230230

11031÷11038

Abrasive steel and stainless steel **cutting discs, thin, with flat centre**

- › Ultra-high performance discs.
- › For use on stainless steel, alloy steel and treated/untreated steel.
- › High material removal combined with low disc wear.
- › Minimum heating of disc being worked.
- › Reduced burr production.
- › Reduced power absorption of electric tool.
- › Powerful electric tools should be used.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A46U

TOP
— LINE —



Ø mm	S mm	F mm	max. rpm			
65	1,0	6,00	24000	25		110310006
65	1,0	10,00	24000	25		110310010
65	1,6	10,00	24000	25		110310020
76	1,0	6,00	20200	25		110320006
76	1,0	10,00	20200	25		110320010
76	1,6	10,00	20200	25		110320020
115	1,0	22,23	13300	25		110340022
115	1,2	22,23	13300	25		110340042
115	1,6	22,23	13300	25		110340062
125	1,0	22,23	12200	25		110350022
125	1,2	22,23	12200	25		110350042
125	1,6	22,23	12200	25		110350062
180	2,0	22,23	8500	10		110370022
230	2,0	22,23	6600	10		110380022

11024

Abrasive steel and stainless steel **cutting discs, thin, with depressed centre**

- › Ultra-high performance discs.
- › For use on stainless steel, alloy steel and treated/untreated steel.
- › High material removal combined with low disc wear.
- › Minimum heating of disc being worked.
- › Reduced burr production.
- › Reduced power absorption of electric tool.
- › Powerful electric tools should be used.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A46U

TOP
— LINE —



Ø mm	S mm	F mm	max. rpm			
230	2	22,23	6600	10		110240230

11045-11046

Abrasive steel and stainless steel **cutting discs, thin**, with **flat centre**

› For universal use for cutting stainless steel, alloy steel and treated/untreated steel.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A46Q

PREMIUM

— LINE —



Ø mm	S mm	F mm	max. rpm			
115	1,0	22,23	13300	25		110450010
115	1,2	22,23	13300	25		110450012
115	1,6	22,23	13300	25		110450016
125	1,0	22,23	12200	25		110460010
125	1,2	22,23	12200	25		110460012
125	1,6	22,23	12200	25		110460016

11048-11049

Abrasive steel and stainless steel **cutting discs, thin**, with **flat centre**

› For universal use for cutting stainless steel, alloy steel and treated/untreated steel.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A36Q

PREMIUM

— LINE —



Ø mm	S mm	F mm	max. rpm			
180	2,0	22,23	8500	10		110480019
230	2,0	22,23	6600	10		110490019

11040

Abrasive steel and stainless steel **cutting discs, thin**, with **depressed centre**

› For universal use for cutting stainless steel, alloy steel and treated/untreated steel.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

CUTTING SPEED



LIFE



A36Q

PREMIUM

— LINE —



Ø mm	S mm	F mm	max. rpm			
230	2,0	22,23	6600	10		110400230



STEEL AND CAST IRON

11050

Abrasive steel **grinding** discs,
with **zirconia** abrasive and
depressed centre

- › For universal use for grinding steel and cast iron.
- › Powerful grinders should be used.

Recommended use

**PORTABLE ANGLE
GRINDERS**



Specifications

CUTTING SPEED



LIFE



ZA24R



Ø mm	S mm	F mm	max. rpm			
115	6,5	22,23	13300	10		110500115
125	6,5	22,23	12200	10		110500125
180	7,0	22,23	8500	10		110500180
230	7,0	22,23	6600	10		110500230

STONE AND BRICK



11069

Abrasive stone and marble **cutting** discs with **depressed centre**

› For use for cutting stone, marble and concrete.

Recommended use

PORTABLE ANGLE GRINDERS



Specifications

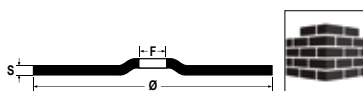
CUTTING SPEED



LIFE



C30S



Ø mm	S mm	F mm	max. rpm			
115	3,2	22,23	13300	10		110690115
125	3,2	22,23	12200	10		110690125
230	3,2	22,23	6600	10		110690230



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.

TYPES of abrasives

- **Ceramic-bonded pink corundum** for different types of steel
- **ceramic-bonded grey/pink corundum** for cast iron



STEEL



11100

Abrasive shaft-mounted wheels
Shaft Ø 3 x 37 mm

- › Cylindrically shaped
- › For universal use

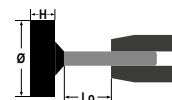
Recommended use



STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
4	8	130.000	AR60P5V	25	111000004
6	10	93.100	AR60P5V	25	111000006
8	12	64.500	AR60P5V	25	111000008
10	10	60.100	AR60P5V	25	111000011
10	12	52.700	AR60P5V	25	111000012
12	15	37.300	AR60P5V	25	111000013

11101

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Cylindrically shaped
- › For universal use

Recommended use



STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
4	8	130.000	AR60P5V	25	111010004
5	10	130.000	AR60P5V	25	111010005
6	10	130.000	AR60P5V	25	111010006
8	10	119.300	AR60P5V	25	111010008
10	10	95.400	AR60P5V	25	111010010
10	15	95.400	AR60P5V	25	111010011
10	20	86.600	AR60P5V	25	111010012
10	25	72.700	AR60P5V	25	111010013
10	32	58.700	AR60P5V	25	111010014
12	10	79.500	AR60P5V	25	111010015
12	15	79.500	AR60P5V	25	111010016
12	20	79.500	AR60P5V	25	111010017

11101

Ø mm	H mm	max. rpm (Lo=13 mm)			
15	3	63.600	AR60P5V	25	111010018
15	15	63.600	AR60P5V	25	111010019
16	20	59.600	AR46P5V	25	111010020
16	25	56.900	AR46P5V	25	111010021
16	32	45.100	AR46P5V	25	111010022
20	4	47.700	AR60P5V	25	111010023
20	15	47.700	AR46P5V	25	111010024
20	20	47.700	AR46P5V	25	111010025
20	25	46.100	AR46P5V	25	111010026
20	30	38.900	AR46P5V	25	111010027
20	40	29.000	AR46P5V	25	111010028
25	10	38.100	AR60P5V	25	111010030
25	25	37.200	AR36/46P5V	25	111010031
25	40	23.300	AR36/46P5V	10	111010032
30	10	31.800	AR60P5V	25	111010034
30	30	26.200	AR36/46P5V	25	111010035
30	40	19.500	AR36/46P5V	10	111010036
32	20	29.800	AR36P5V	25	111010037
32	32	23.100	AR36P5V	10	111010038
40	10	23.800	AR36/46P5V	25	111010041
40	20	23.800	AR36P5V	10	111010042
40	25	23.400	AR36P5V	10	111010043
40	30	19.700	AR36P5V	10	111010044
40	40	14.700	AR36P5V	10	111010045
50	15	19.000	AR36P5V	10	111010051
50	25	18.800	AR36P5V	10	111010052
60	10	15.900	AR36P5V	10	111010060

11102

Abrasive shaft-mounted wheels
Shaft Ø 6 x 80 mm

- › Cylindrically shaped
- › For universal use

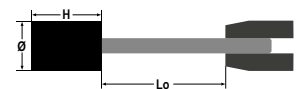
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
8	20	100.500	AR60P5V	25	111020008
10	15	95.400	AR60P5V	25	111020010
10	30	62.200	AR60P5V	25	111020020
12	15	79.500	AR60P5V	25	111020022
15	15	63.600	AR60P5V	25	111020035
15	30	51.000	AR46P5V	25	111020040
20	30	38.900	AR46P5V	25	111020060

11105

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Cylindrically/triangularly shaped
- › For universal use

Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
20	65	16.200	AR36/46P5V	25	111050020

11106

Abrasive shaft-mounted wheels
Shaft Ø 3 x 37 mm

- › Trapezoidally shaped
- › For universal use

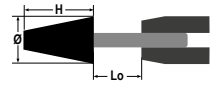
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
6	10	93.100	AR60P5V	25	111060006	

11107

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Trapezoidally shaped
- › For universal use

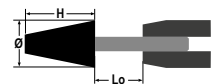
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
12	20	79.500	AR60P5V	25	111070012	
15	25	60.400	AR46P5V	25	111070015	
20	30	38.900	AR46P5V	25	111070020	
25	40	23.300	AR36/46P5V	10	111070025	

11110

Abrasive shaft-mounted wheels
Shaft Ø 3 x 37 mm

- › Rounded, cone-shaped
- › For universal use

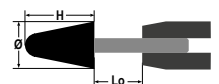
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
10	15	44.300	AR60P5V	25	111100010	



11111

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Rounded, cone-shaped
- › For universal use

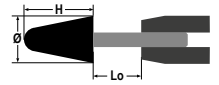
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
10	20	86.600	AR60P5V	25	111110010
15	30	51.000	AR46P5V	25	111110015
16	45	31.400	AR46P5V	25	111110016
20	28	41.500	AR46P5V	25	111110020
20	40	29.000	AR46P5V	25	111110021
30	50	15.100	AR36/46P5V	10	111110030

11115

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Rounded, cone-shaped
- › For universal use

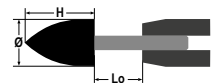
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
10	20	34.700	AR60P5V	25	111150010

11116

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Ogive-shaped
- › For universal use

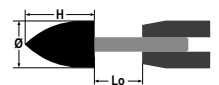
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
10	20	86.600	AR60P5V	25	111160010
18	30	43.000	AR60P5V	25	111160018
20	50	22.500	AR36/46P5V	25	111160020
22	70	13.400	AR36/46P5V	10	111160022

11120

Abrasive shaft-mounted wheels
Shaft Ø 3 x 37 mm

- › Cylindrically/pyramidally shaped
- › For universal use

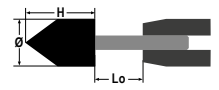
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
6	13	77.800	AR60P5V	25	111200006	

11121

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Cylindrically/pyramidally shaped
- › For universal use

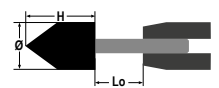
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
6	25	100.700	AR60P5V	25	111210007	
12	20	79.500	AR60P5V	25	111210012	
20	25	46.100	AR46P5V	25	111210020	
25	25	37.200	AR36/46P5V	25	111210025	
30	30	26.200	AR36/46P5V	25	111210030	

11125

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Rounded, cylindrically shaped
- › For universal use

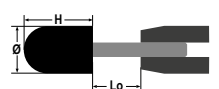
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
6	20	117.700	AR60P5V	25	111250006	
25	25	37.200	AR36/46P5V	25	111250025	
30	50	15.100	AR36/46P5V	10	111250030	
40	40	14.700	AR36P5V	10	111250040	

11130

Abrasive shaft-mounted wheels
Shaft Ø 3 x 37 mm

- › Globe-shaped
- › For universal use

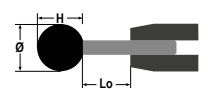
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
 CORUNDUM GRAINS,
 CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
6	6	124.900	AR60P5V	25	111300006	
8	8	84.800	AR60P5V	25	111300008	
10	10	60.100	AR60P5V	25	111300010	

11131

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- > Globe-shaped
- > For universal use

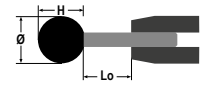
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
10	10	95.400	AR60P5V	25	111310010	
15	15	63.600	AR60P5V	25	111310015	
20	20	47.700	AR46P5V	25	111310020	
25	25	37.200	AR36/46P5V	25	111310025	
30	30	26.200	AR36/46P5V	25	111310030	

11132

Abrasive shaft-mounted wheels
Shaft Ø 6 x 80 mm

- > Globe-shaped
- > For universal use

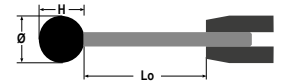
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
10	10	95.400	AR60P5V	25	111320010	
15	15	63.600	AR60P5V	25	111320015	
20	20	47.700	AR46P5V	25	111320020	

11135

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- > Disc-shaped
- > For universal use

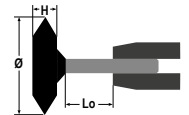
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)				
30	6	31.800	AR60P5V	25	111350030	
40	10	23.800	AR36/46P5V	25	111350040	

STEEL AND CAST IRON



11140

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Cylindrically shaped
- › For use on cast iron

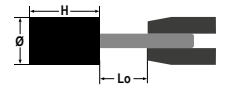
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE GREY/PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
20	30	38.900	A/AR24R5V	25	111400020
25	25	37.200	A/AR24R5V	25	111400025
30	30	26.200	A/AR24R5V	25	111400030
50	10	19.000	A/AR24R5V	10	111400050

11141

Abrasive shaft-mounted wheels
Shaft Ø 8 x 40 mm

- › Cylindrically shaped
- › For use on cast iron

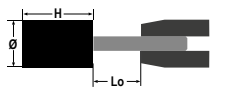
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE GREY/PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
20	40	46.800	A/AR24R5V	25	111410020
30	40	31.800	A/AR24R5V	10	111410030
40	40	23.800	A/AR24R5V	10	111410040

11145

Abrasive shaft-mounted wheels
Shaft Ø 6 x 40 mm

- › Ogive-shaped
- › For use on cast iron

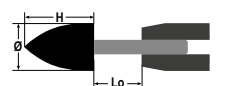
Recommended use

STRAIGHT GRINDERS



Specifications

**ABRASIVE GREY/PINK
CORUNDUM GRAINS,
CERAMIC-BONDED**



Ø mm	H mm	max. rpm (Lo=13 mm)			
20	30	38.900	A/AR24R5V	25	111450020
25	50	18.100	A/AR24R5V	10	111450025



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 homogeneous finish, fewer vibrations, 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.

TYPES of abrasive grains



Z = Zirconia

Zirconium oxide ensures remarkable durability in heavy removal jobs, based on its self-dressing properties.



Z-Cer = Ceramic-coated zirconia

The special ceramic-coating process further improves the characteristics of zirconium oxide, thereby resulting in increased durability.



A = Corundum

Aluminium oxide is highly resistant to crushing and is therefore suitable for use on hard-wearing materials.



Cer = Ceramic

Durable abrasive with a sintered microstructure, breaking into very small particles, thereby keeping creating new edges.

SUPPORTS



Nylon/plastic

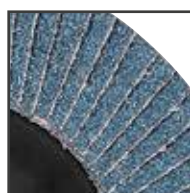
The nylon support frame imparts elasticity to the disc, reducing vibration during use.



Fibreglass

The fibreglass support has a more rigid frame, which ensures increased pressure on the disc. In addition, fibreglass reduces the possibility that accidental traces will form on the material being worked.

FLAPS



Single construction

Single flap construction ensures more delicate and accurate jobs. It is ideal for operations requiring more precise finish.



Double construction

Double flap construction ensures increased removal and aggressiveness. It is ideal for heavy jobs requiring much pressure on the surface being worked.



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.

TOP

— LINE —

Uncompromising quality: for extremely demanding users.

PREMIUM

— LINE —

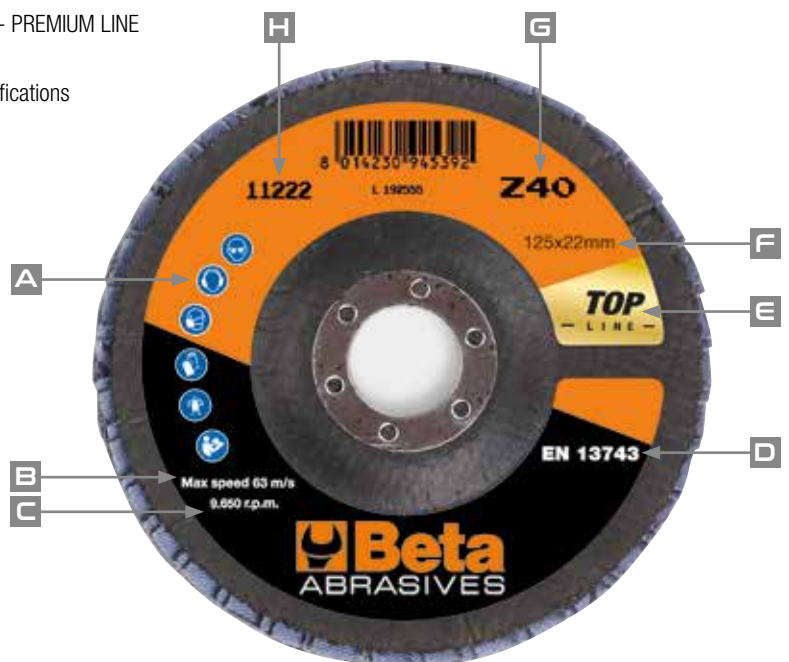
High quality for high performance, at competitive prices, for the best quality/price ratio.

MARKINGS AND SPECIFICATIONS of flap discs

- | | |
|---------------------------------------|----------------------------------|
| A Safety pictograms | E TOP LINE - PREMIUM LINE |
| B Maximum working speed (m/s) | F Size |
| C Maximum rotation speed (rpm) | G Disc specifications |
| D Declaration of Conformity | H Item code |

PICTOGRAMS on discs

-  Wear safety glasses
-  Wear ear protectors
-  Wear dust mask
-  Wear protector gloves
-  Wear safety clothes
-  Check user manual





ZIRCONIA

11200A-11200B

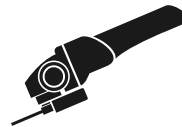
Recommended use

PREMIUM
— LINE —

Flap discs with zirconia abrasive cloth,
plastic backing pad,
single flap construction, flat

PORTABLE ANGLE GRINDERS

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm		
115	40	22,23	10	11200004
115	60	22,23	10	11200006
115	80	22,23	10	11200008
115	120	22,23	10	11200012
125	40	22,23	10	112000104
125	60	22,23	10	112000106
125	80	22,23	10	112000108

11202A÷11202C

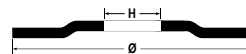
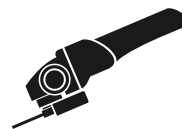
Recommended use

PREMIUM
— LINE —

Flap discs with zirconia abrasive cloth,
plastic backing pad,
double flap construction, flat

PORTABLE ANGLE GRINDERS

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm		
115	40	22,23	10	11202004
115	60	22,23	10	11202006
115	80	22,23	10	11202008
115	120	22,23	10	11202012
125	40	22,23	10	112020104
125	60	22,23	10	112020106
125	80	22,23	10	112020108
180	40	22,23	10	112020204
180	60	22,23	10	112020206

11204A÷11204C

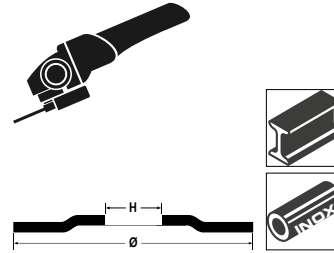
Recommended use

PREMIUM — LINE —

Flap discs with zirconia abrasive cloth, fiberglass backing pad, single flap construction, flat

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10		112040004
115	60	22,23	10		112040006
115	80	22,23	10		112040008
115	120	22,23	10		112040012
125	40	22,23	10		112040104
125	60	22,23	10		112040106
125	80	22,23	10		112040108
180	40	22,23	10		112040204
180	60	22,23	10		112040206

11208A-11208B

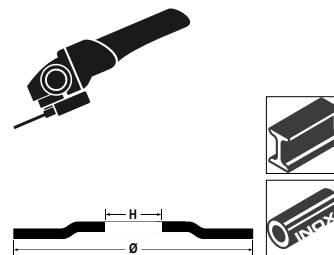
Recommended use

PREMIUM — LINE —

Flap discs with zirconia abrasive cloth, fiberglass backing pad, double flap construction, flat

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10		112080004
115	60	22,23	10		112080006
125	40	22,23	10		112080104
125	60	22,23	10		112080106



11210A÷11210C

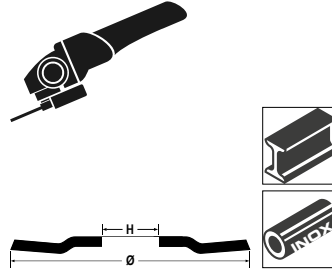
Recommended use

PREMIUM
— LINE —

Flap discs with zirconia abrasive cloth,
fibreglass backing pad,
single flap construction, cone-shaped

**PORTABLE ANGLE
GRINDERS**

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm			
115	40	22,23	10		112100004
115	60	22,23	10		112100006
115	80	22,23	10		112100008
115	120	22,23	10		112100012
125	40	22,23	10		112100104
125	60	22,23	10		112100106
125	80	22,23	10		112100108
180	40	22,23	10		112100204
180	60	22,23	10		112100206

11212A-11212B

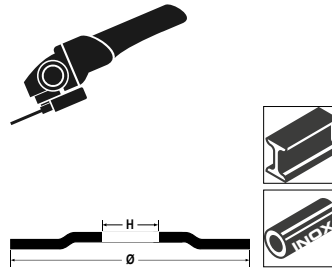
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
plastic backing pad,
single flap construction, flat

**PORTABLE ANGLE
GRINDERS**

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm			
115	40	22,23	10		112120004
115	60	22,23	10		112120006
115	80	22,23	10		112120008
115	120	22,23	10		112120012
125	40	22,23	10		112120104
125	60	22,23	10		112120106
125	80	22,23	10		112120108

11214A÷11214C

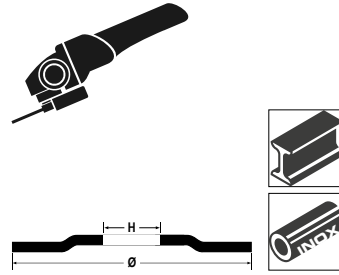
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
plastic backing pad,
double flap construction, flat

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10	112140004	
115	60	22,23	10	112140006	
115	80	22,23	10	112140008	
115	120	22,23	10	112140012	
125	40	22,23	10	112140104	
125	60	22,23	10	112140106	
125	80	22,23	10	112140108	
180	40	22,23	10	112140204	
180	60	22,23	10	112140206	

11216A÷11216C

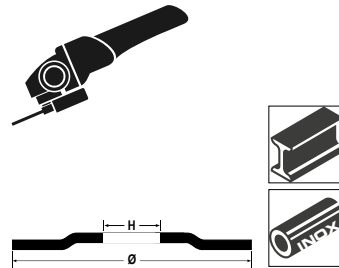
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
fibreglass backing pad,
single flap construction, flat

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10	112160004	
115	60	22,23	10	112160006	
115	80	22,23	10	112160008	
115	120	22,23	10	112160012	
125	40	22,23	10	112160104	
125	60	22,23	10	112160106	
125	80	22,23	10	112160108	
180	40	22,23	10	112160204	
180	60	22,23	10	112160206	

11218A-11218B

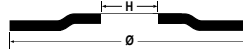
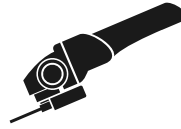
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
fibreglass backing pad,
double flap construction, flat

PORTABLE ANGLE
GRINDERS

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm		
115	40	22,23	10	112180004
115	60	22,23	10	112180006
125	40	22,23	10	112180104
125	60	22,23	10	112180106

11220A÷11220C

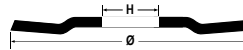
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
fibreglass backing pad,
single flap construction, cone-shaped

PORTABLE ANGLE
GRINDERS

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm		
115	40	22,23	10	112200004
115	60	22,23	10	112200006
115	80	22,23	10	112200008
115	120	22,23	10	112200012
125	40	22,23	10	112200104
125	60	22,23	10	112200106
125	80	22,23	10	112200108
180	40	22,23	10	112200204
180	60	22,23	10	112200206

11222

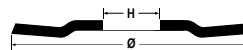
Recommended use

TOP
— LINE —

Flap discs with zirconia abrasive cloth,
fibreglass backing pad,
double flap construction, cone-shaped

PORTABLE ANGLE
GRINDERS

- › For grinding and finishing surfaces.
- › For use for jobs on stainless steel and ferrous/nonferrous metals.
- › Thicker grains are recommended for grinding and roughing jobs; whereas thinner grains are particularly suitable for finishing jobs.



Ø mm	P	F mm		
125	40	22,23	10	112220104
125	60	22,23	10	112220106
125	80	22,23	10	112220108

CORUNDUM



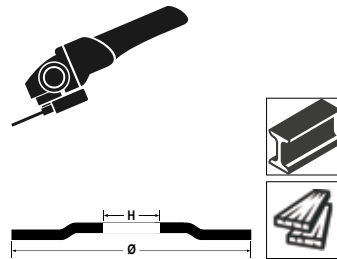
11230A-11230B

Flap discs with corundum abrasive cloth, plastic backing pad, single flap construction, flat

- › For grinding and finishing surfaces.
- › For universal use on ferrous/nonferrous metals and wood.

Recommended use

PORTABLE ANGLE GRINDERS



PREMIUM
— LINE —



Ø mm	P	F mm			Product #
115	40	22,23	10		112300004
115	60	22,23	10		112300006
115	80	22,23	10		112300008
115	120	22,23	10		112300012
125	40	22,23	10		112300104
125	60	22,23	10		112300106

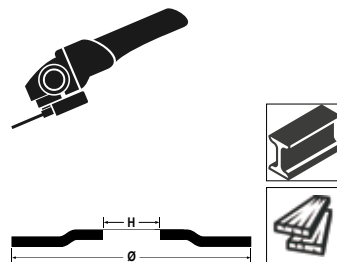
11232A

Flap discs with corundum abrasive cloth, plastic backing pad, double flap construction, flat

- › For grinding and finishing surfaces.
- › For universal use on ferrous/nonferrous metals and wood.

Recommended use

PORTABLE ANGLE GRINDERS



PREMIUM
— LINE —



Ø mm	P	F mm			Product #
115	40	22,23	10		112320004
115	60	22,23	10		112320006
115	80	22,23	10		112320008
115	120	22,23	10		112320012

11234A-11234B

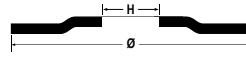
Recommended use

TOP
— LINE —

Flap discs with corundum abrasive cloth, fiberglass backing pad, single flap construction, flat

PORTABLE ANGLE GRINDERS

- › For grinding and finishing surfaces.
- › For universal use on ferrous/nonferrous metals and wood.



Ø mm	P	F mm			
115	40	22,23	10		112340004
115	60	22,23	10		112340006
115	80	22,23	10		112340008
115	120	22,23	10		112340012
125	40	22,23	10		112340104
125	60	22,23	10		112340106



CERAMIC-COATED ZIRCONIA



11240A-11240B

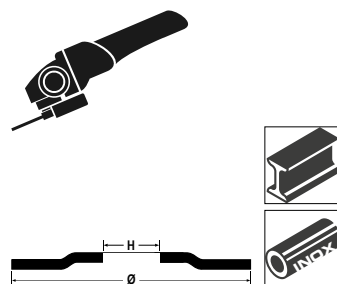
Recommended use

TOP
— LINE —

Flap discs with ceramic-coated zirconia abrasive cloth, **plastic backing pad** and **single flap construction, flat**

- › For grinding and finishing surfaces.
- › Professional discs for heavy-duty burr and weld bead removal jobs on hard metals and stainless steel.
- › Suitable for withstanding high pressure on working surface.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10		112400004
115	60	22,23	10		112400006
125	40	22,23	10		112400104
125	60	22,23	10		112400106

11242A-11242B

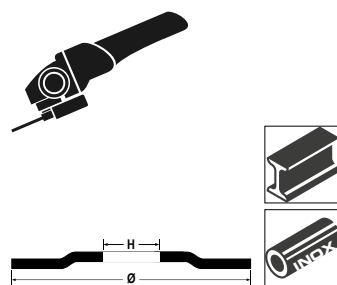
Recommended use

TOP
— LINE —

Flap discs with ceramic-coated zirconia abrasive cloth, **fibreglass backing pad** and **single flap construction, flat**

- › For grinding and finishing surfaces.
- › Professional discs for heavy-duty burr and weld bead removal jobs on hard metals and stainless steel.
- › Suitable for withstanding high pressure on working surface.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	40	22,23	10		112420004
115	60	22,23	10		112420006
125	40	22,23	10		112420104
125	60	22,23	10		112420106



CERAMIC

11246A

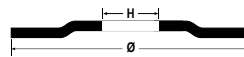
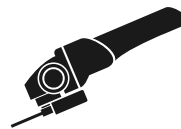
Recommended use

TOP
— LINE —

Flap discs with ceramic-coated abrasive cloth, plastic backing pad, single flap construction, flat

PORTABLE ANGLE GRINDERS

- › For grinding and finishing surfaces.
- › Professional discs for use for heavy-duty burr and weld bead removal jobs on extremely hard metals.
- › Suitable for withstanding extremely high pressure on working surface.



Ø mm	P	F mm			
115	40	22,23	10		112460004
115	60	22,23	10		112460006

11248A-11248B

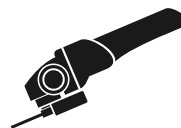
Utilizzo consigliato

TOP
— LINE —

Flap discs with ceramic-coated abrasive cloth, plastic backing pad, single flap construction, flat

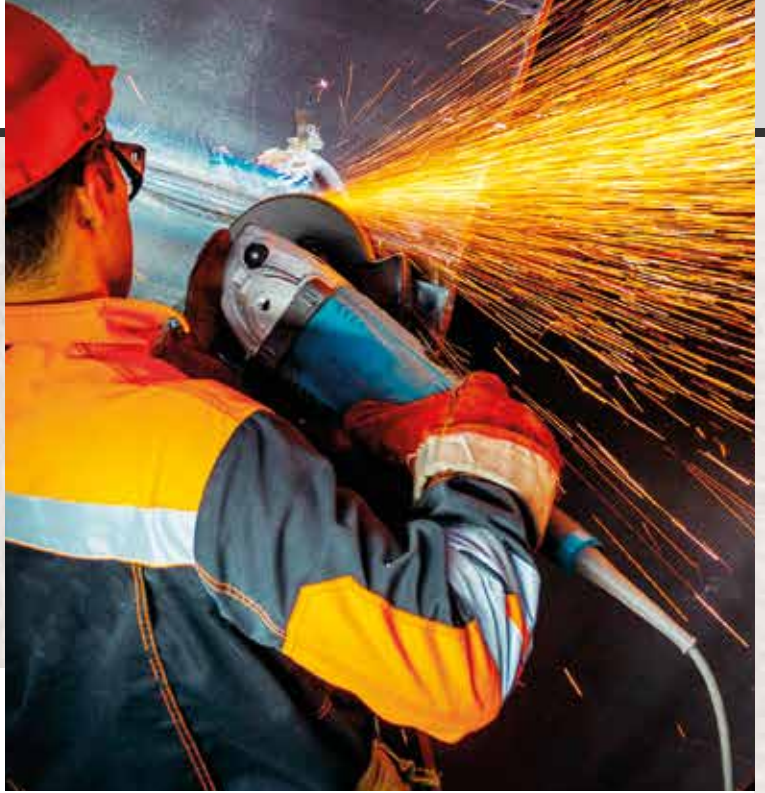
PORTABLE ANGLE GRINDERS

- › For grinding and finishing surfaces.
- › Professional discs for use for heavy-duty burr and weld bead removal jobs on extremely hard metals.
- › Suitable for withstanding extremely high pressure on working surface.



Ø mm	P	F mm			
115	40	22,23	10		112480004
115	60	22,23	10		112480006
125	40	22,23	10		112480104
125	60	22,23	10		112480106

FELT



11259

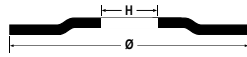
Recommended use



TOP
— LINE —

Felt flap discs, **fibreglass backing pad**, **single flap construction, flat**

- › For grinding and finishing surfaces.
- › For use for polishing jobs on all types of steel, combined with polishing paste.
- › Particularly suitable for jobs on automotive bodies.

PORTABLE ANGLE GRINDERS



Ø mm	F mm			
115	22,23	10		112590115
125	22,23	10		112590125



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.

Beta has developed three types of shaft-mounted wheels for different finishing results.



TYPES of shaft-mounted wheels

- **Flap wheels with high-quality corundum abrasive cloth**
available in diameters ranging from 10 mm to 80 mm and grain sizes ranging from 40 to 120.
- **Abrasive non-woven wheels**
made of corundum synthetic fibre fabric.
- **Flap/non-woven wheels**
made of cloth alternating with corundum fabric. Adding cloth makes increased removal possible compared to nonwoven wheels.

<i>Degrees of grain/finish</i>	
C	Coarse
M	Medium
F	Fine
VF	Very Fine



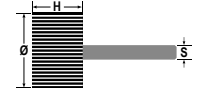
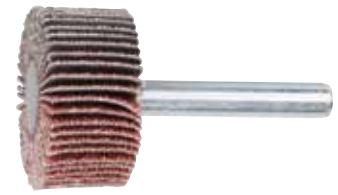
11260÷11268

Recommended use

Shaft-mounted flap wheels,
corundum abrasive cloth flaps

- › For roughing, grinding, cleaning and finishing small surfaces.
- › For use for special working of common ferrous/nonferrous steel and wood.
- › Specially recommended for working materials with irregular, uneven surfaces, or hard-to-reach surfaces.

**STRAIGHT GRINDERS
AND DRILL**



Ø mm	H mm	S mm	P			
10	10	3	60	10	112600010	
15	15	3	60	10	112600015	
30	10	6	60	10	112630006	
30	15	6	60	10	112630016	
30	15	6	80	10	112630018	
30	20	6	40	10	112630024	
30	20	6	60	10	112630026	
30	20	6	80	10	112630028	
30	20	6	120	10	112630032	
40	15	6	60	10	112640006	
40	15	6	80	10	112640008	
40	15	6	120	10	112640012	
40	20	6	40	10	112640014	
40	20	6	60	10	112640016	
40	30	6	40	10	112640024	
40	30	6	60	10	112640026	
50	20	6	60	10	112650006	
50	20	6	80	10	112650008	
50	30	6	40	10	112650014	
50	30	6	60	10	112650016	
50	30	6	80	10	112650018	
50	30	6	120	10	112650022	
60	20	6	40	10	112660004	
60	20	6	60	10	112660006	
60	30	6	40	10	112660014	
60	30	6	60	10	112660016	
60	30	6	80	10	112660018	
60	30	6	120	10	112660022	
60	40	6	60	10	112660026	
60	40	6	80	10	112660028	
80	30	6	60	10	112680006	
80	30	6	80	10	112680008	

11271A÷11271C

Abrasive non-woven wheels, shaft-mounted, **corundum** synthetic fibre fabric

- › For masking residual coarse grinding marks.
- › For use for fine grinding, satin-finishing and cleaning common ferrous and nonferrous alloy steel.

Recommended use

STRAIGHT GRINDERS AND DRILL



Ø mm	H mm	S mm	P			
40	20	6	C	10		112710001
40	20	6	M	10		112710002
40	20	6	F	10		112710003
40	20	6	VF	10		112710004
60	30	6	C	10		112710011
60	30	6	M	10		112710012
60	30	6	F	10		112710013
60	30	6	VF	10		112710014
80	50	6	C	10		112710021
80	50	6	M	10		112710022
80	50	6	F	10		112710023
80	50	6	VF	10		112710024

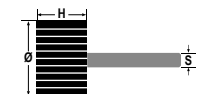
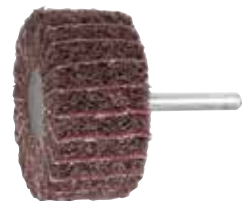
11276A÷11276C

Flap/non-woven wheels, shaft-mounted, flaps made of abrasive cloth alternating with **corundum** synthetic fibre fabric

- › For masking residual coarse grinding marks.
- › For use for fine grinding, satin-finishing and cleaning common ferrous and nonferrous alloy steel.

Recommended use

STRAIGHT GRINDERS AND DRILL

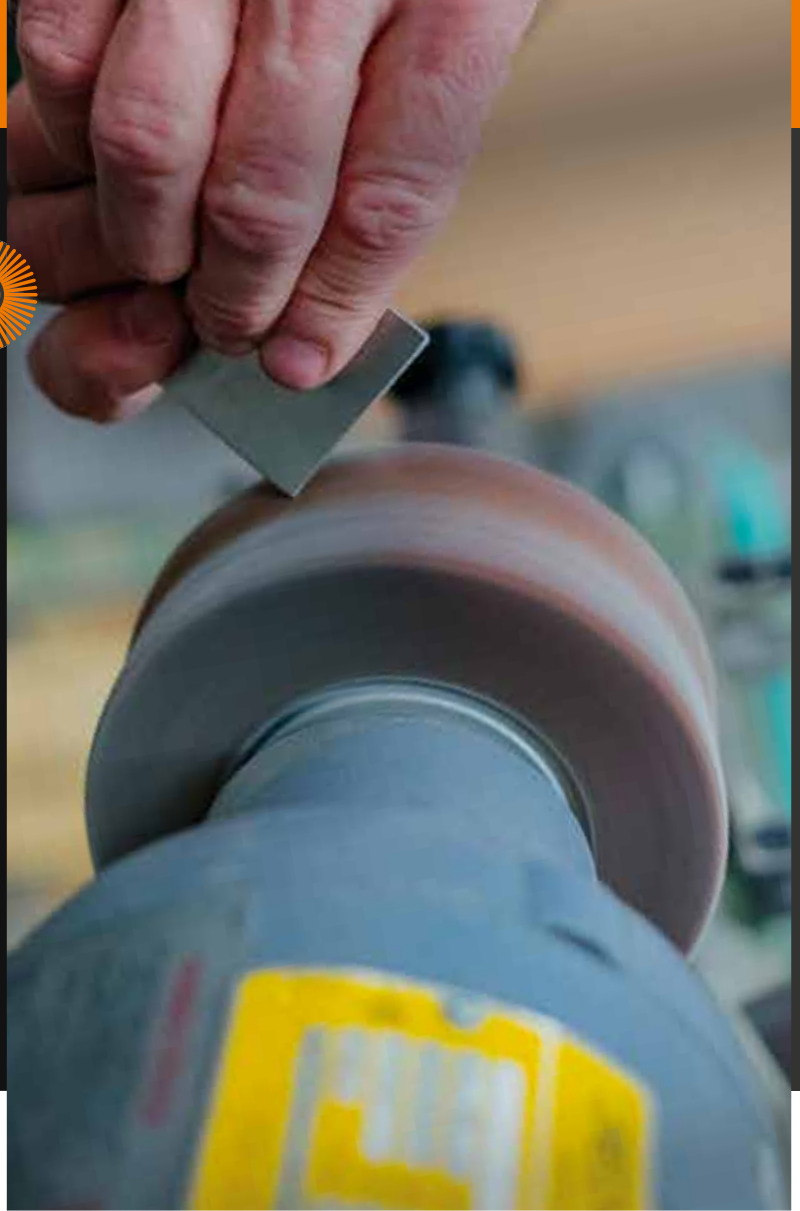


Ø mm	H mm	S mm	P			
40	20	6	M/60	10		112760006
40	20	6	M/80	10		112760008
40	20	6	M/120	10		112760012
60	30	6	M/60	10		112760016
60	30	6	M/80	10		112760018
60	30	6	M/120	10		112760022
80	50	6	M/60	10		112760036
80	50	6	M/80	10		112760038
80	50	6	M/120	10		112760042

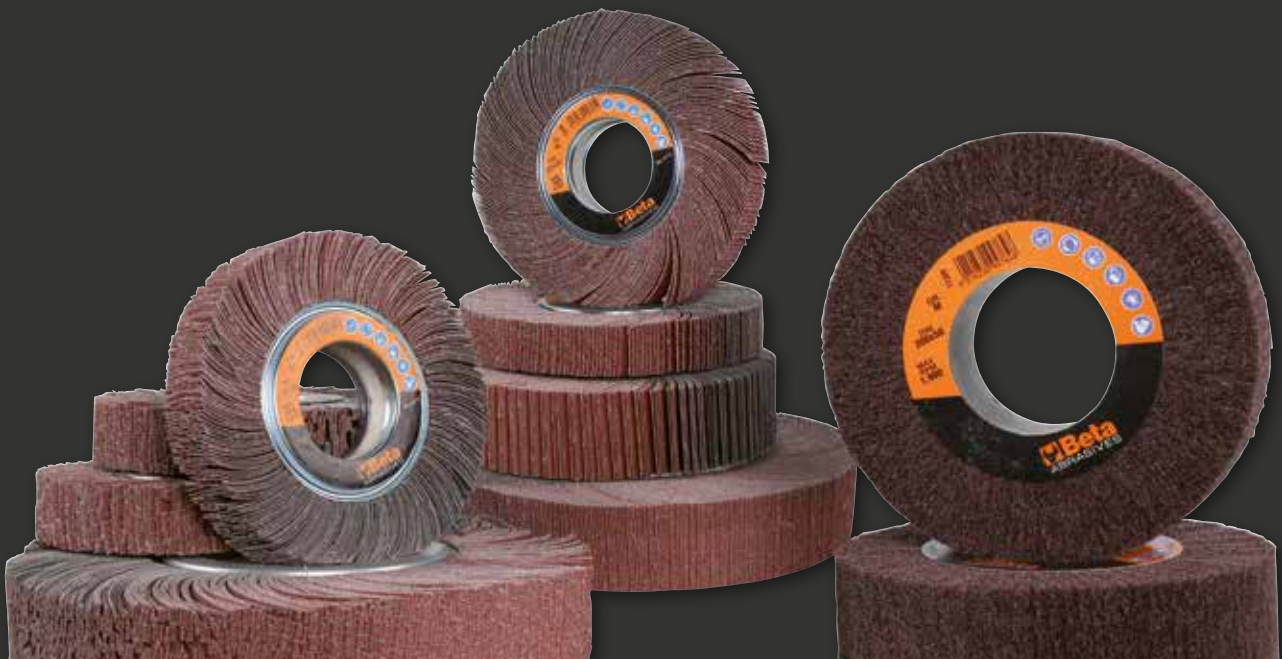


WHEELS WITH BORES

Flange flap wheels are suitable for working irregular edges, contours and surfaces based on high flap flexibility. They are available with corundum cloth in grain sizes ranging from 40 to 220, diameters ranging from 165 mm to 300 mm and width ranging from 30 mm to 50 mm.



<i>Degrees of grain/finish</i>	
C	Coarse
M	Medium
F	Fine
VF	Very Fine



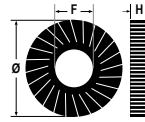
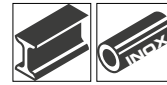
11300A÷11300G

Recommended use

Flap wheels with **corundum** cloth, with bores

- › For use for roughing, smoothing, finishing and cleaning metal surfaces and stainless steel.
- › Also suitable for smoothing wood surfaces and cleaning plastic surfaces.

PORTABLE AND STATIONARY MACHINES



Ø mm	H mm	P	F mm		
165	30	40	54	3	113000004
165	30	60	54	3	113000006
165	30	80	54	3	113000008
165	30	120	54	3	113000012
165	30	180	54	3	113000018
165	30	220	54	3	113000022
165	50	40	54	2	113000104
165	50	60	54	2	113000106
165	50	80	54	2	113000108
165	50	120	54	2	113000112
165	50	180	54	2	113000118
165	50	220	54	2	113000122
200	30	40	54	3	113000204
200	30	60	54	3	113000206
200	30	80	54	3	113000208
200	30	120	54	3	113000212
200	30	180	54	3	113000218
200	50	40	54	2	113000304
200	50	60	54	2	113000306
200	50	80	54	2	113000308
200	50	120	54	2	113000312
200	50	180	54	2	113000318
200	50	220	54	2	113000322
250	30	40	100	3	113000404
250	30	60	100	3	113000406
250	30	80	100	3	113000408
250	30	120	100	3	113000412
250	50	40	100	2	113000504
250	50	60	100	2	113000506
250	50	80	100	2	113000508
250	50	120	100	2	113000512
250	50	180	100	2	113000518
250	50	220	100	2	113000522
300	50	40	100	2	113000604
300	50	60	100	2	113000606
300	50	80	100	2	113000608

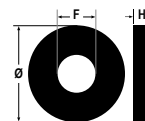
11320

Recommended use

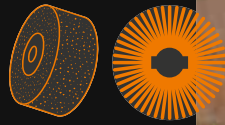
Abrasive **non-woven** wheels with bores, **corundum** synthetic fibre fabric

- › For use for satin-finishing and opacifying metals.
- › Also suitable for jobs on ceramic and wood surfaces.

PORTABLE AND STATIONARY MACHINES



Ø mm	H mm	P	F mm		
200	50	C	76,2	2	113200006
200	50	M	76,2	2	113200008
200	50	F	76,2	2	113200012
200	50	VF	76,2	2	113200024



WHEELS FOR SATINIZING MACHINES

Beta's wheels (or rollers) for satinizing machines mean the best solution for finishing any material. Different types of wheels are available – flap wheels, nonwoven wheels and mixed wheels, all with cloth and corundum fibre – based on the amount of material to be removed and the degree of finish to be obtained.



<i>Degrees of grain/finish</i>	
C	Coarse
M	Medium
F	Fine
VF	Very Fine



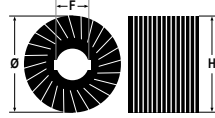
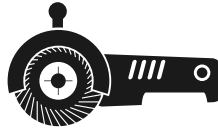
11411

Recommended use

Flap wheels with **corundum** cloth for satinizing machines

SATINIZING MACHINES

- › For roughing, grinding, cleaning and finishing surfaces.
- › For use on jobs on ferrous and nonferrous metals.
- › Thicker grains are recommended for heavy-duty satin-finishing jobs.
- › Thinner grains are recommended for light-duty finishing jobs.



Ø mm	H mm	P	F mm		
100	100	40	19,1	2	114110004
100	100	60	19,1	2	114110006
100	100	80	19,1	2	114110008
100	100	120	19,1	2	114110012
100	100	240	19,1	2	114110024

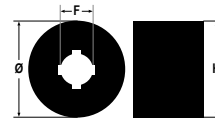
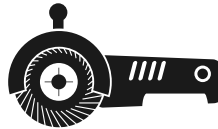
11415B

Recommended use

Non-woven flaps with **corundum** synthetic fibres for satinizing machines

SATINIZING MACHINES

- › For use for satin-finishing surfaces containing aluminium, copper, brass and alloy steel.
- › Also suitable for removing oxide layers, working hard plastics and wood surfaces.
- › For first-rate, homogeneous finishing results.



Ø mm	H mm	P	F mm		
100	100	C	19,1	2	114150106
100	100	M	19,1	2	114150108
100	100	F	19,1	2	114150112
100	100	VF	19,1	2	114150124

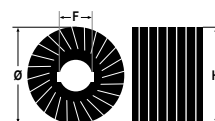
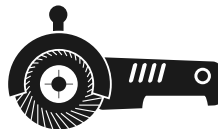
11420B

Recommended use

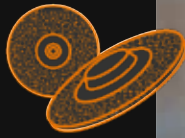
Flap/non-woven wheels for satinizing machines, abrasive cloth alternating with **corundum** synthetic fibres

SATINIZING MACHINES

- › For use for satin-finishing surfaces containing aluminium, copper, brass and alloy steel.
- › Also suitable for removing oxide layers, working hard plastics and wood surfaces.
- › For first-rate, homogeneous finishing results.



Ø mm	H mm	P	F mm		
100	100	C/60	19,1	2	114200106
100	100	M/80	19,1	2	114200108
100	100	F/120	19,1	2	114200112
100	100	VF/240	19,1	2	114200124



RADIAL DISCS

Special nonwoven discs producing remarkable polishing effects resulting in quick, precise working processes. The mixed version is such that the abrasive corundum cloth flaps and the nonwoven parts are responsible for removing the material and polishing the surface respectively.



FIBRE DISCS

Beta's flexible fibre discs are made of high-quality fibre providing excellent flexibility and durability, while resulting in light working. They are available in three different versions based on the type of abrasive used on cloth.

TYPES of fibre discs

- **Zirconia cloth**
for stainless steel
- **Corundum cloth**
for steel in general



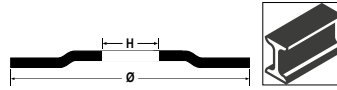
11431

Recommended use

Non-woven radial discs,
corundum synthetic fibres

- > For masking residual grinding marks.
- > For use for cleaning or grinding ferrous and nonferrous steel.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	C	22,23	4		114310006
115	M	22,23	4		114310008
115	F	22,23	4		114310012
115	VF	22,23	4		114310024

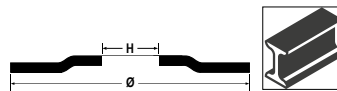
11435

Recommended use

Flap/non-woven radial discs, abrasive cloth alternating with **corundum** synthetic fibres

- > For masking residual grinding marks.
- > For use for cleaning or grinding ferrous and nonferrous steel.

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	M/80	22,23	4		114350008
115	M/120	22,23	4		114350012
115	F/150	22,23	4		114350015
115	F/180	22,23	4		114350018

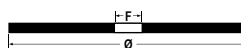
11440A÷11440C

Fibre discs with **zirconia** cloth

- › For use for jobs on particularly demanding metal surfaces requiring high performance.
- › Also suitable for stainless steel.

Recommended use

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	24	22	25		114400024
115	36	22	25		114400036
115	60	22	25		114400060
115	120	22	25		114400120
125	24	22	25		114400224
125	36	22	25		114400236
125	60	22	25		114400260
125	120	22	25		114400320
180	24	22	25		114400424
180	36	22	25		114400436
180	60	22	25		114400460
180	120	22	25		114400520

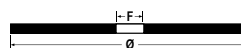
11450A÷11450C

Fibre discs with **corundum** cloth

- › For use for jobs on particularly demanding metal surfaces requiring high performance.
- › Also suitable for stainless steel.

Recommended use

PORTABLE ANGLE GRINDERS



Ø mm	P	F mm			
115	24	22	25		114500024
115	36	22	25		114500036
115	60	22	25		114500060
115	120	22	25		114500120
125	24	22	25		114500224
125	36	22	25		114500236
125	60	22	25		114500260
125	120	22	25		114500320
180	24	22	25		114500424
180	36	22	25		114500436
180	60	22	25		114500460
180	120	22	25		114500520

11488PF

Fixing pads for fibre discs
with ring nut M14

Ø mm			
115	1		114880115
125	1		114880125
180	1		114880180



11491-11493-11495

Recommended use

Anti-waste rolls made of **corundum** abrasive cloth

MANUAL USE

- › For universal use on ferrous/nonferrous metals and different types of steel.
- › Also suitable for jobs on wood, stucco, plaster, paint etc.
- › Thicker grains are recommended for smoothing irregular surfaces.
- › Thinner grains are recommended for light-duty finishing jobs.
- › Cloth support ensures excellent strength of abrasive during use.



H mm	L m	P mm			
38	50	40	1		114910004
38	50	60	1		114910006
38	50	80	1		114910008
38	50	100	1		114910010
38	50	120	1		114910012
38	50	150	1		114910015
38	50	180	1		114910018
38	50	220	1		114910022
38	50	240	1		114910024
38	50	320	1		114910032
38	50	400	1		114910040
50	50	40	1		114930004
50	50	60	1		114930006
50	50	80	1		114930008
50	50	100	1		114930010
50	50	120	1		114930012
50	50	150	1		114930015
50	50	180	1		114930018
50	50	220	1		114930022
50	50	240	1		114930024
50	50	320	1		114930032
50	50	400	1		114930040
120	25	40	1		114950004
120	25	60	1		114950006
120	25	80	1		114950008
120	25	100	1		114950010
120	25	120	1		114950012
120	25	180	1		114950018
120	25	240	1		114950024
120	25	400	1		114950040

11498

Recommended use

Non-woven anti-waste roll with **corundum** synthetic fibres

MANUAL USE

- › For use for manual oxidation and paint removal jobs.
- › Also suitable for cleaning metal and steel, plastic and fibreglass surfaces.
- › Woven frame ensures remarkable resistance to clogging on all types of surfaces.



H mm	L m	P mm			
100	10	M	1		114980008
100	10	F	1		114980012
100	10	VF	1		114980015
100	10	UF *	1		114980018

* silicon carbide

C68/1

Beta wall display, empty



1000x560x2200 mm

1	068000001	

6600 M/852

Assortment of 560 abrasives with hooks without panel

Art.		N°
11001	115x3,2	40
11021	115x3,2	40
11011	115x6,5	20
11011H	230x6,5	20
11034	115x1,0	100
	115x1,6	100
11038	230x2,0	40
11045	115x1,0	100
	115x1,6	100



1	066000852	

6600 M/856

Assortment of 560 abrasives with hooks without panel

Art.		N°
11001	115x3,2	40
11021	115x3,2	40
11011H	125x6,5	20
	230x6,5	20
11035	125x1,0	100
	125x1,6	100
11038	230x2,0	40
11046	125x1,0	100
	125x1,6	100



1	066000856	

6600 M/857

Assortment of 560 abrasives with hooks without panel


Art.		N°
11034	115x1,0	100
	115x1,6	100
11001	115x3,2	40
	125x3,2	40
11011H	125x6,5	20
	230x6,5	20
11035	125x1,0	100
	125x1,6	100
11038	230x2,0	40



1	066000857	

6600 M/871

Assortment of 120 abrasives
with hooks without panel


Art.		N°
11200A	Ø 115/40	10
11204A	Ø 115/40	10
11202A	Ø 115/40	10
11212A	Ø 115/40	10
11216A	Ø 115/40	10
11214A	Ø 115/40	10
11230A	Ø 115/40	10
11234A	Ø 115/40	10
11240A	Ø 115/40	10
11242A	Ø 115/40	10
11246A	Ø 115/40	10
11248A	Ø 115/40	10



		
1	066000871	

6600 M/878

Assortment of 100 abrasives
with hooks without panel


Art.		N°
11204B	Ø 125/40	10
11208B	Ø 125/40	10
11210B	Ø 125/40	10
11204B	Ø 125/60	10
11216B	Ø 125/60	10
11216B	Ø 125/40	10
11218B	Ø 125/40	10
11220B	Ø 125/40	10
11240B	Ø 125/40	10
11248B	Ø 125/40	10



		
1	066000878	

6600 M/881

Assortment of 410 abrasives
with display tray

Art.		N°
11263 15-60	Ø 30x15 mm	40
11263 15-80	Ø 30x15 mm	40
11264 20-40	Ø 40x20 mm	40
11264 20-60	Ø 40x20 mm	40
11265 20-60	Ø 50x20 mm	40
11265 20-80	Ø 50x20 mm	40
11265 30-60	Ø 50x30 mm	40
11265 30-80	Ø 50x30 mm	40
11266 30-40	Ø 60x30 mm	30
11266 30-60	Ø 60x30 mm	30
11266 30-80	Ø 60x30 mm	30



		
1	066000881	

Beta

ABRASIVES



11034/E100

TOP
- LINE -

Counter display for Hard Abrasive Discs
Suitable for stainless steel, alloy steel
and treated/untreated steel

- › 50 discs 1.0 mm thick, Ø 115 mm, TOP LINE
- › 50 discs 1.6 mm thick, Ø 115 mm, TOP LINE

Ø 115 mm



1	110340901	

11035/E100

TOP
- LINE -

Counter display for Hard Abrasive Discs
Suitable for stainless steel, alloy steel
and treated/untreated steel

- › 50 discs 1.0 mm thick, Ø 125 mm, TOP LINE
- › 50 discs 1.6 mm thick, Ø 125 mm, TOP LINE

Ø 125 mm



1	110350901	





Beta
ABRASIVES

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Beta
— GROUP —