

PRODUCT CATALOGUE



PENTAR. THE BEST CHOICE FOR YOUR COMPANY.

WWW.PENTAR.PL



European Union
European Regional
Development Fund





1982 - 2017
35 YEARS OF ACTIVITY

Przedsiębiorstwo Pentar Abrasives

Headquarters - management office:

ul. Płocka 17/32
01-231 Warszawa

Production plant:

ul. Starowiejska 28
34-730 Mszana Dolna
tel. +48 18 33 10 696
tel. +48 18 33 10 697
fax. +48 18 33 10 698

Commercial department:

tel. +48 18 33 19 275
e-mail: zamowienia@pentar.pl

Wholesale facility:

ul. Chorzowska 73B
40-101 Katowice
tel. +48 32 25 96 938
e-mail: katowice@pentar.pl

www.pentar.pl

MANUFACTURER OF ABRASIVE TOOLS:

- with bakelite binder: abrasive discs for cutting and grinding, flat and shape abrasive wheels, cutter, segments,
- coated abrasive tools: tapes, rollers, endless belts, sheets, self-fastening discs, flap discs and others



1897 - 2017
120 YEARS OF ACTIVITY

Fabryka Tarcz Ściernych Sp. z o. o. **ul. gen. G.Orlicz-Dreszera** **05-825 Grodzisk Mazowiecki**

Headquarters:

tel./fax. +48 22 755 69 11

Production department:

tel. +48 22 755 53 34

Commercial department:

tel. +48 22 755 52 38,
tel. +48 693 550 505
e-mail: zamowienia@ftsgrodziskmaz.com.pl
e-mail: zamowienia@ftselephant.pl

www.ftselephant.pl

MANUFACTURER OF ABRASIVE TOOLS:

- with ceramic binder: flat and shape abrasive wheels, mounted points and segments,
- with polyurethane binder: flat abrasive wheels, mounted points, segments and polishing rollers,
- diamond with metal weld: abrasive wheels, drills, cutters, files, segments, inserts for metalworking, one- and multi-grain boom vangs,
- diamond and cubic boron nitride with resin binder: flat and shape abrasive wheels, mounted points



**Przedsiębiorstwo Pentar Abrasives
Mszana Dolna**

CATALOGUE OF ABRASIVE TOOLS

HOW TO ORDER

OUR GOODS WILL BE DESPATCHED DURING **24 HOURS PERIOD OF TIME**



HEADQUARTERS

PRZEDSIĘBIORSTWO PENTAR
UL. PŁOCKA 17/32
01-231 WARSZAWA
NIP: 737-000-01-83

WHOLESALE - KATOWICE

UL. CHORZOWSKA 73B
40-101 KATOWICE
TEL.: +48(32) 25-96-938
E-MAIL: KATOWICE@PENTAR.PL

PRODUCTION PLANT

PRZEDSIĘBIORSTWO PENTAR
UL. STAROWIEJSKA 28
34-730 MSZANA DOLNA
TEL.: +48(18) 33-10-696(7)
FAX.: +48(18) 33-10-698
E-MAIL: PENTAR@PENTAR.PL

ORDERS

PRZEDSIĘBIORSTWO PENTAR
UL. STAROWIEJSKA 28
34-730 MSZANA DOLNA
TEL.: +48(18) 33-19-275
FAX.: +48(18) 33-10-698
E-MAIL: ZAMOWIENIA@PENTAR.PL

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PENTAR – COMPANY WITH OVER 30 YEARS OF EXPERIENCE BACKED UP BY COOPERATION WITH DIFFERENT BRANCHES OF THE INDUSTRY AS WELL AS POLISH AND FOREIGN COMPANIES. HIGHLY QUALIFIED AND EXPERIENCED STAFF, CONTINUOUS IMPROVEMENT AND IMPLEMENTATION OF NEW TECHNOLOGIES, GUARANTEES THE HIGHEST LEVEL OF PRODUCTS.



**GENERAL
INFORMATION**

GENERAL INFORMATION

1. ABOUT US

PENTAR was founded in 1982 as a small plant manufacturing grinding tools. The high quality of our products have met with recognition from the customers and growing demand for our products has resulted in the construction of new production facility in Mszana Dolna and Skrzydlina and a warehouse in Katowice.

PENTAR offers wide and varied range of products. The subject of activity of the company is production of Bonded and Coated Abrasives . For individual orders we also offer special tools.

With the attitude of continuous development, PENTAR is always up to date with technological innovations and systematically as well as successfully we deploy them to production. This allows us to increase our offer with modern tools which are adjusted to the needs of the customers.

CONTINUOUS IMPLEMENTATION, IMPROVEMENT AND SEARCHING FOR NEW TECHNOLOGIES GUARANTEES THE HIGHEST QUALITY OF OUR PRODUCTS AND PROVIDE HIGHEST WORLD STANDARDS.



PENTAR IS ONE OF THE FEW ABRASIVE TOOLS MANUFACTURERS WHO IS PRODUCING SO WIDE RANGE OF PRODUCTS.

Recently the company has allocated large measures for the modernization of its machinery. As a result of this investment modern machines and equipment have been purchased which significantly increased business potential of the company. Also equipment for testing and quality control was purchased. This allows objective assessment of the quality of our products.

Thanks to the purchase of Fabryka Tarcz Ściernych in Grodzisk Mazowiecki in the year of 2014, the assortment of Pentar products, now operating as the Pentar Group, has been extended with ceramic, polyurethane, diamond and boron nitride tools. The details of our offer are presented in a separate catalogue.

Entire activity of the company is watched by integrated system (E-ZAM). System manages, plans, executes production and contacts with our customers . It is also a determinant of the quality of the manufactured products and services which meet the highest international standards.

OUR ADVANTAGE IS WELL EDUCATED AND EXPERIENCED STAFF WITH HIGH PROFESSIONAL ACHIEVEMENTS AND QUALIFICATIONS WHICH GUARANTEES PROFESSIONALISM AND HIGH LEVEL OF COOPERATION WITH CUSTOMERS.

GENERAL INFORMATION

2. COMMERCIAL INFORMATION

General information about products and business conditions are available at **www.pentar.pl**.

To order products or obtain more information, please contact the sales department or sales representative for your region. Typical abrasive tools that are available in the warehouse are despatched within 24 hours from the order.

Orders for unusual, special tools will be implemented within agreed period.

Order is complete, if they are well-defined:

- QUANTITY
- TYPE, SHAPE/OUTLINE
- DIMENSIONS
- TECHNICAL CHARACTERISTICS
- APPLICATION
- REQUIRED WORKING SPEED
- EXECUTION TIME
- TERMS OF DELIVERY
- PRICE AND PAYMENT TERM

ORDERS CAN BE PLACED:

- **by e-mail: zamowienia@pentar.pl**
- **by the fax: +48 18 3310 698**
- **by telephone - contact our sales department:**
+48 18 33 19 275 or the headquarters:
+48 18 33 10 696 (7)
- **by contacting sales representative for your region.**

SINCE 1982 PENTAR HAS CREATED PRODUCT DISTRIBUTION NETWORK COVERING THE WHOLE POLAND.



3. MARKETING INFORMATION

For its all long term and close business partners PENTAR prepared program which provides marketing support through:

- Advertising and information materials: catalogues, brochures, pricing
- Displays
- Trainings conducted with our partners sales representatives
- Tests and presentations of abrasives
- Integration meetings with our clients

GENERAL INFORMATION

4. SAFETY

All PENTAR products are manufactured and tested in accordance with standards:

- EN 12413 - Safety requirements for Bonded Abrasive Tools
- EN 13743 - Safety requirements for Coated Abrasive Tools

This guarantees achievement of highest quality standards in order to provide optimal safety and comfort for users.

The determinant of care for quality is Integrated Quality and Environmental Management System which was implemented and maintained in the company. The system complies with the ISO 9001 and ISO 14001 which includes processes related to quality of manufactured products, delivery and environmental safety.

The effectiveness of these measures has been confirmed by obtaining the relevant certificates which puts us in a group of companies that meet the highest international standards.

GENERAL SAFETY RULES FOR ABRASIVE TOOLS USE:

Before work with abrasive tools:

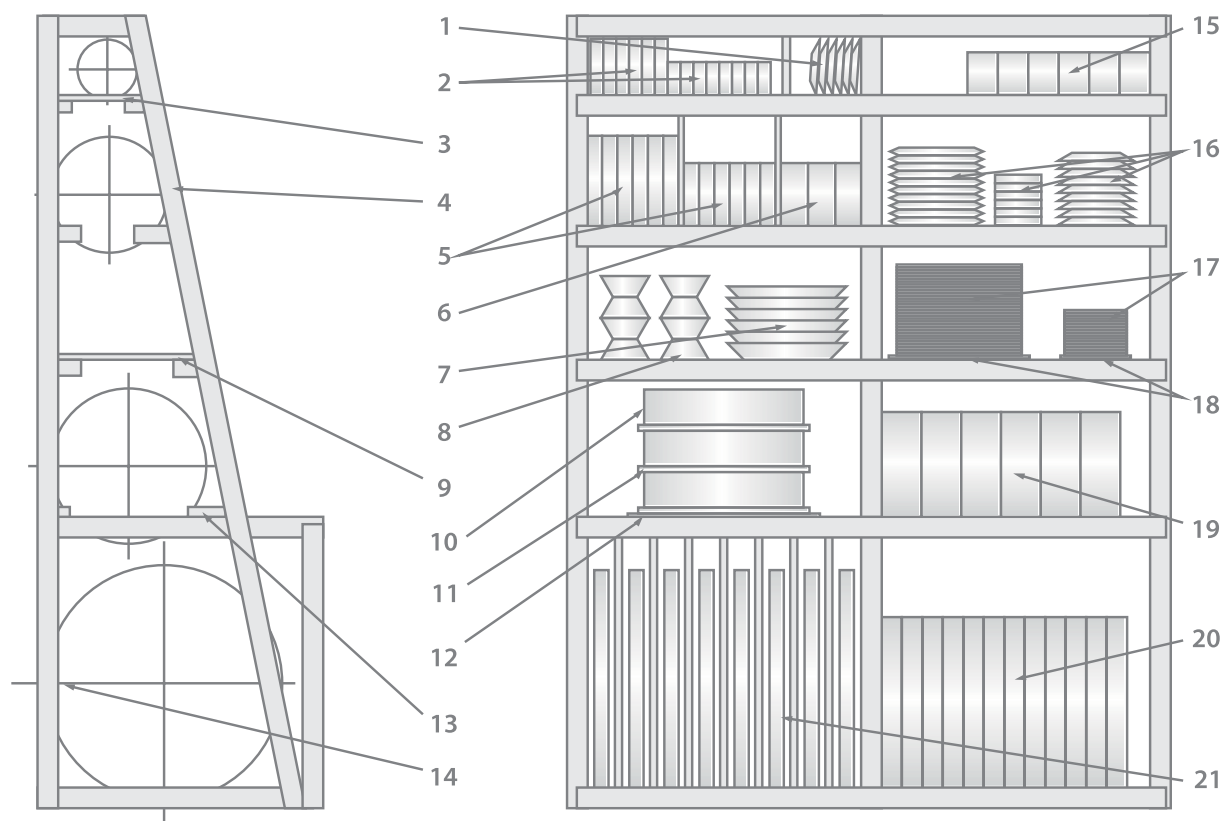
- follow the safety instructions supplied by the manufacturers of machines and tools;
- use protective covers and check if they are properly installed on the machine;
- wear suitable protective clothing: goggles, gloves, safety boots, dust masks, ear protection, etc.;
- follow the safety instructions supplied by the manufacturer which shows how use abrasive tools (for example: „for cutting only„ or „Not for wet grinding„ etc.);
- strictly comply with safety rules in the workplace as well as other safety precautions for use of abrasive products and tools, which are included in FEPA standards (Federation of European Producers of Abrasives, www.fepa-abrasives.com).



5. GENERAL RULES FOR STORAGE AND TRANSPORT OF ABRASIVE TOOLS. WHEEL CONTROL ON DELIVERY.

Storage and transport of abrasive tools are closely linked with work safety and requires appropriate conditions. Tools should be properly packed so that during transport they will not be damaged and their elements will be protected from weather conditions.

Upon receipt of each delivery condition of the package should be checked. If it is damaged supplier should be informed and proper protocol made. Abrasive tools should be stored in spaces with appropriate humidity (about 40-60 %) and a constant temperature of 15-20 °C. Figure below shows how to store abrasives in the warehouse.



Drawing. Example of storage rack:

1 - small grinding wheels, 2 - small flat wheels, 3 - shelves for small wheels lightly inclined to protect from falling, 4 - back wall with protective liner, 5 - flat wheels, 6 - small cylindrical wheels, 7 - large grinding wheels, 8 - conical cup wheels placed edge to edge and bottom to bottom, 9 - flat grinding wheels support for cut by shaped and cylinders, 10 - cylindrical wheels thin or soft, 11 - separating corrugated cardboard, 12 - steel or ceramic flat supporting plate, 13 - two point wheel support standing on their supports, 14 - „front“ of the wheel, 15 - small cylindrical and roller grinders, 16 - flat wheel with profiled circuit, 17 - flat abrasive wheel for cutting so called abrasive cutters, 18 - steel or ceramic even, flat supporting plate, 19 - cylindrical wheels hard or thick, 20 - medium flat ceramic wheels, 21 - large wheels.

GENERAL INFORMATION

6. THE GUARANTEE FOR QUALITY

The guarantee for quality and repeatedness of products of Pentar according to ISO 9001 and 14001 standards.



7. DIVISION OF LIABILITY

MANUFACTURER OF GRINDING TOOLS

- Guarantee of safety of discs for cracking. Safety ratio which should be used depends on method of operation and construction of grinding machine.
- Attempt in the facility of the manufacturer with increased peripheral speed
- Attempt in the facility of the manufacturer for tearing
- Inscriptions on abrasive wheels with data on permitted number of revolutions

Liability for safe packaging in dispatch, but not for the damages during transport or damages resulting from improper storing.

MANUFACTURER OF GRINDING MACHINES

- Easiness to set the mounting of the grinded object and protective shield with constantly decreasing diameter of the abrasive wheel
- Obligatory blocking setting degrees of revolutions
- Security against non-degree regulation of revolutions
- Proper protective shield from elastic material, stopping fractions in case of cracking the disc
- Consistent with provisions of structure of the flange mounting the abrasive wheel.

USER, GRINDER

- Proper storage
- Before mounting the abrasive wheel, conduct visual and acoustic tests for damages caused during transport
- Introducing abrasive wheel in motion
- Mounting and assembly
- Control of weighing in case of necessity repeated weighing of abrasive wheel
- Control of permitted number of revolutions
- Setting mounting processed object and protective shield
- Idle gear of newly mounted abrasive wheel on full working speed
- Cutting abrasive wheel is prohibited.

PERIPHERAL SPEED

Max peripheral speed is internationally established:

Normal peripheral speed:

up to 35 m / s – for discs with ceramic binder

up to 45 m / s – for discs with binder from synthetic resin

up to 80 m / s – for cutting discs, mounted to stationary machines.

BONDED ABRASIVE TOOLS ARE DIVIDED INTO WHEELS, SEGMENTS AND WHETSTONES WHOSE JOB IS TO CUT GRINDED MATERIALS.



**BONDED ABRASIVE TOOLS-
RESIN BINDER**

BONDED ABRASIVE TOOLS-RESIN BINDER

1. TECHNICAL INFORMATION

Grinding wheels, segments and abrasive whetstones are the Bonded Abrasive Tools, whose job is to machine off some grinded materials. They are designed for many different industrial purposes, like: production, metal, foundry, shipbuilding, automotive etc.

Cutting and grinding wheels are the most popular resin abrasive tools for manual or machinery purposes.

PENTAR cutting and grinding products have been divided into 3 quality lines:

ECO PLUS LINE



Line of wheels for cutting and grinding commonly used for processing of different materials. It is dedicated to individual customers to the general application. Line stands out with a good quality and a reasonably price and brings a measurable reduction in

costs of cutting and grinding operations.

PREMIUM LINE



This high-quality line of wheels is satisfying needs of the most demanding users. Premium line tools are the long durability and high speed cutting-products. Using these tools, gives optimal utility and high level of comfort.

POWER INDUSTRY LINE



The line is designed for extreme high quality industrial jobs. Designed with the use of the latest and innovative technological solutions. Application of

special technologies provides fast and stable processing which guarantees low temperature of the material. Additionally, reduced vibrations and noise during processing provide their users high level of comfort and long tool life. The result of these solutions is the high level of machining efficiency and a significant reduction of costs.

SPECIAL LINE

PENTAR would be happy to provide your company with your own logo products, too.

However it depends on the range and quantity of the products.

2. DETERMINATION OF THE SHAPE SYSTEM

SPECIFICATIONS OF SHAPE SYSTEM:

Type 27 - Depressed centre wheels.

Available in diameters of 115-230 mm for hand tools.

Application: Grinding.



TYPE 41 - Flat cutting wheels. Available in diameters 115-400 mm for hand and stationary tools.

Application: Cutting.



Type 42 - Depressed centre cutting wheels.

Available in diameters 115-230 mm for hand tools.

Application: Cutting.



3. SAFETY SYMBOLS

According to the Health and Safety Rules, you must follow the below regulations:



WEAR A MASK



USE GLOVES



WEAR SAFETY GLASSES



USE EAR PROTECTION



FOLLOW THE INSTRUCTIONS



NO GRINDING



GRINDING ALLOWED



NO CUTTING



GUTTING ALLOWED



DO NOT USE DAMAGED WHEEL



DOES NOT CONTAIN IRON, SULFUR AND CHLORINE



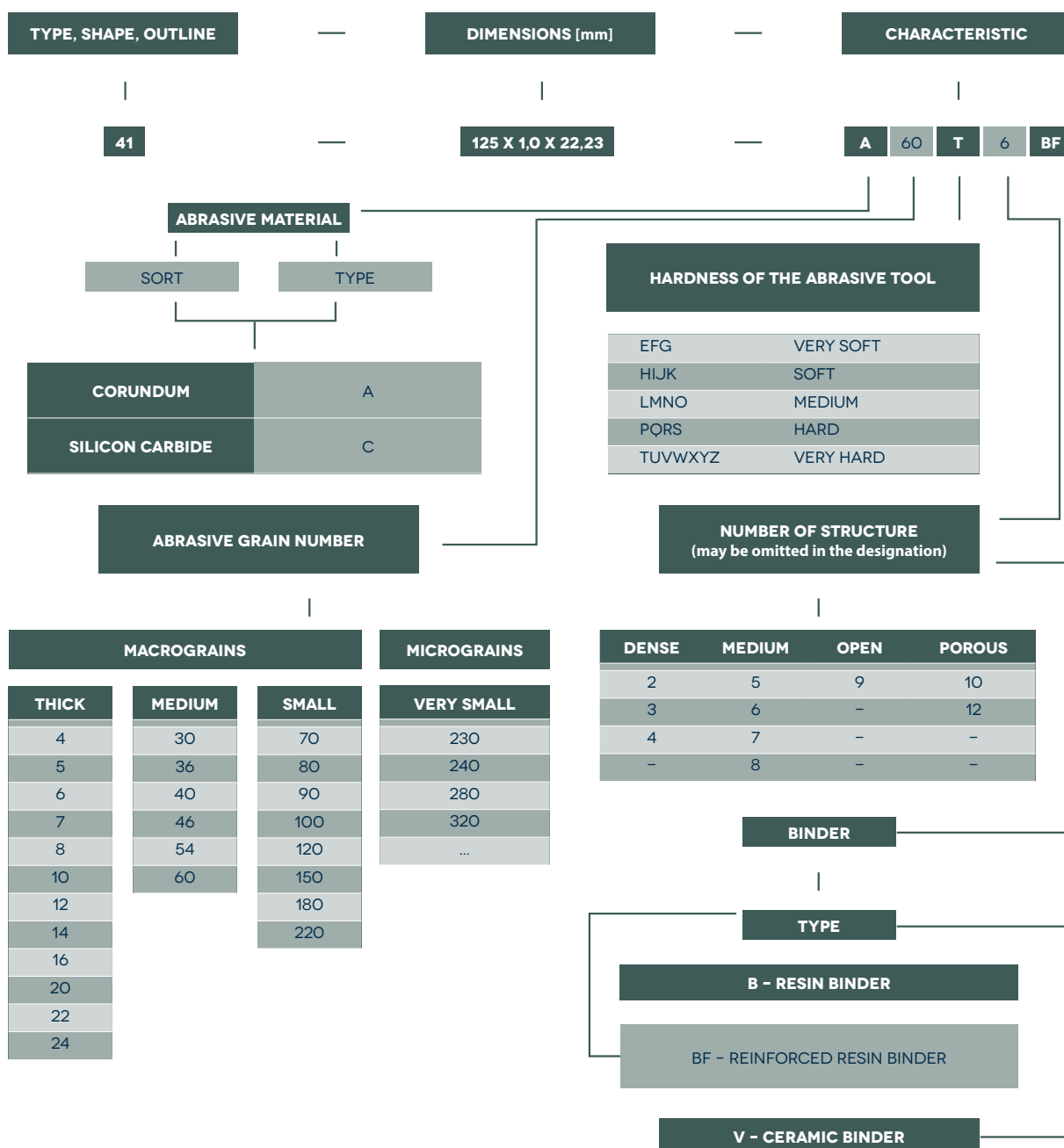
DO NOT USE FOR WET GRINDING

BONDED ABRASIVE TOOLS-RESIN BINDER

4. INSTALLATION OF GRINDING WHEELS

Wheels must be installed in designed machines with use of flanges supplied with the device. While the installation, do not use any excessive force and check whether the flanges are clean. Before grinding or cutting please screw the wheel properly to avoid any damages of your body done by broken wheel pieces. Check if the machine is working properly and control the maximum allowed speed which is shown on the wheel.

5. WHEEL DESIGNATION SYSTEM



BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 ECO PLUS

APPLICATION



STEEL

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

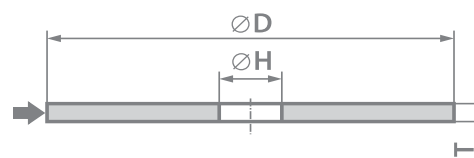
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

T

HARDNESS



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60T6BF	13 300	110141000	25
2	41 - 115 x 1,6 x 22	A46T6BF	13 300	110141010	25
3	41 - 115 x 2,5 x 22	A30T6BF	13 300	110141020	25
4	41 - 115 x 3,0 x 22	A30T6BF	13 300	110141030	25
5	41 - 125 x 1,0 x 22	A60T6BF	12 250	110141040	25
6	41 - 125 x 1,6 x 22	A46T6BF	12 250	110141050	25
7	41 - 125 x 2,5 x 22	A30T6BF	12 250	110141060	25
8	41 - 125 x 3,0 x 22	A30T6BF	12 250	110141070	25
9	41 - 150 x 1,6 x 22	A46T6BF	10 200	110141080	25
10	41 - 150 x 2,5 x 22	A36T6BF	10 200	110141090	25
11	41 - 150 x 3,0 x 22	A30T6BF	10 200	110141100	25
12	41 - 180 x 1,6 x 22	A46T6BF	8 500	110141110	25
13	41 - 180 x 2,5 x 22	A30T6BF	8 500	110141120	25
14	41 - 180 x 3,0 x 22	A24T6BF	8 500	110141130	25
15	41 - 230 x 1,9 x 22	A36T6BF	6 650	110141140	25
16	41 - 230 x 2,5 x 22	A30T6BF	6 650	110141150	25
17	41 - 230 x 3,0 x 22	A24T6BF	6 650	110141160	25
18	41 - 300 x 3,0 x 32 *	A24T6BF	5 100	110141170	10
19	41 - 350 x 3,5 x 32 *	A24T6BF	4 400	110141180	10
20	41 - 400 x 4,0 x 32 *	A24T6BF	3 850	110141190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 ECO PLUS

APPLICATION



STEEL

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

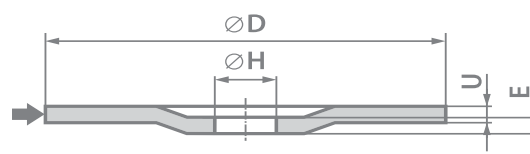
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

S

HARDNESS



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36S7BF	13 300	110142000	25
2	42 - 115 x 3,0 x 22	A30S7BF	13 300	110142010	25
3	42 - 125 x 2,5 x 22	A36S7BF	12 250	110142020	25
4	42 - 125 x 3,0 x 22	A30S7BF	12 250	110142030	25
5	42 - 150 x 2,5 x 22	A36S7BF	10 200	110142040	25
6	42 - 150 x 3,0 x 22	A30S7BF	10 200	110142050	25
7	42 - 180 x 2,5 x 22	A30S7BF	8 500	110142060	25
8	42 - 180 x 3,0 x 22	A24S7BF	8 500	110142070	25
9	42 - 230 x 2,5 x 22	A30S7BF	6 650	110142080	25
10	42 - 230 x 3,0 x 22	A24S7BF	6 650	110142090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 ECO PLUS

APPLICATION



STEEL

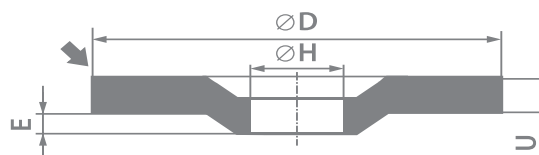
USAGE



FOR GRINDING

CHARACTERISTICS

A	CORUNDUM	8	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
S	HARDNESS		



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30S8BF	13 300	110127000	10
2	27 - 115 x 6,0 x 22	A30S8BF	13 300	110127010	10
3	27 - 115 x 7,0 x 22	A30S8BF	13 300	110127020	10
4	27 - 115 x 8,0 x 22	A30S8BF	13 300	110127030	10
5	27 - 125 x 4,0 x 22	A30S8BF	12 250	110127040	10
6	27 - 125 x 6,0 x 22	A30S8BF	12 250	110127050	10
7	27 - 125 x 7,0 x 22	A30S8BF	12 250	110127060	10
8	27 - 125 x 8,0 x 22	A30S8BF	12 250	110127070	10
9	27 - 150 x 4,0 x 22	A30S8BF	10 200	110127080	10
10	27 - 150 x 6,0 x 22	A30S8BF	10 200	110127090	10
11	27 - 150 x 7,0 x 22	A30S8BF	10 200	110127100	10
12	27 - 150 x 8,0 x 22	A30S8BF	10 200	110127110	10
13	27 - 180 x 4,0 x 22	A24S8BF	8 500	110127120	10
14	27 - 180 x 6,0 x 22	A24S8BF	8 500	110127130	10
15	27 - 180 x 7,0 x 22	A24S8BF	8 500	110127140	10
16	27 - 180 x 8,0 x 22	A24S8BF	8 500	110127150	10
17	27 - 180 x 10,0 x 22	A24S8BF	8 500	110127160	10
18	27 - 230 x 4,0 x 22	A24S8BF	6 650	110127170	10
19	27 - 230 x 6,0 x 22	A24S8BF	6 650	110127180	10
20	27 - 230 x 7,0 x 22	A24S8BF	6 650	110127190	10
21	27 - 230 x 8,0 x 22	A24S8BF	6 650	110127200	10
22	27 - 230 x 10,0 x 22	A24S8BF	6 650	110127210	10

TYPE 41 ECO PLUS

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

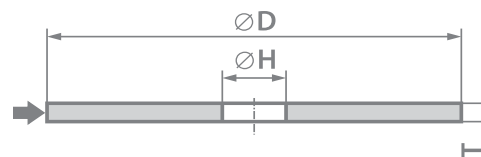
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60R6BF	13 300	310141000	25
2	41 - 115 x 1,6 x 22	A46R6BF	13 300	310141010	25
3	41 - 115 x 2,5 x 22	A30R6BF	13 300	310141020	25
4	41 - 115 x 3,0 x 22	A30R6BF	13 300	310141030	25
5	41 - 125 x 1,0 x 22	A60R6BF	12 250	310141040	25
6	41 - 125 x 1,6 x 22	A46R6BF	12 250	310141050	25
7	41 - 125 x 2,5 x 22	A30R6BF	12 250	310141060	25
8	41 - 125 x 3,0 x 22	A30R6BF	12 250	310141070	25
9	41 - 150 x 1,6 x 22	A46R6BF	10 200	310141080	25
10	41 - 150 x 2,5 x 22	A36R6BF	10 200	310141090	25
11	41 - 150 x 3,0 x 22	A30R6BF	10 200	310141100	25
12	41 - 180 x 1,6 x 22	A46R6BF	8 500	310141110	25
13	41 - 180 x 2,5 x 22	A30R6BF	8 500	310141120	25
14	41 - 180 x 3,0 x 22	A24R6BF	8 500	310141130	25
15	41 - 230 x 1,9 x 22	A36R6BF	6 650	310141140	25
16	41 - 230 x 2,5 x 22	A30R6BF	6 650	310141150	25
17	41 - 230 x 3,0 x 22	A24R6BF	6 650	310141160	25
18	41 - 300 x 3,0 x 32*	A24R6BF	5 100	310141170	10
19	41 - 350 x 3,5 x 32*	A24R6BF	4 400	310141180	10
20	41 - 400 x 4,0 x 32*	A24R6BF	3 850	310141190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 ECO PLUS

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

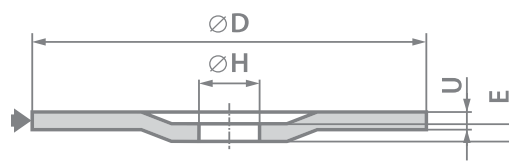
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36R7BF	13 300	310142000	25
2	42 - 115 x 3,0 x 22	A30R7BF	13 300	310142010	25
3	42 - 125 x 2,5 x 22	A36R7BF	12 250	310142020	25
4	42 - 125 x 3,0 x 22	A30R7BF	12 250	310142030	25
5	42 - 150 x 2,5 x 22	A36R7BF	10 200	310142040	25
6	42 - 150 x 3,0 x 22	A30R7BF	10 200	310142050	25
7	42 - 180 x 2,5 x 22	A30R7BF	8 500	310142060	25
8	42 - 180 x 3,0 x 22	A24R7BF	8 500	310142070	25
9	42 - 230 x 2,5 x 22	A30R7BF	6 650	310142080	25
10	42 - 230 x 3,0 x 22	A24R7BF	6 650	310142090	25

TYPE 27 ECO PLUS

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

8

STRUCTURE

30

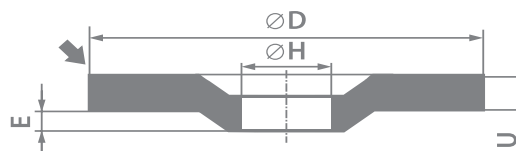
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30Q8BF	13 300	310127000	10
2	27 - 115 x 6,0 x 22	A30Q8BF	13 300	310127010	10
3	27 - 115 x 7,0 x 22	A30Q8BF	13 300	310127020	10
4	27 - 115 x 8,0 x 22	A30Q8BF	13 300	310127030	10
5	27 - 125 x 4,0 x 22	A30Q8BF	12 250	310127040	10
6	27 - 125 x 6,0 x 22	A30Q8BF	12 250	310127050	10
7	27 - 125 x 7,0 x 22	A30Q8BF	12 250	310127060	10
8	27 - 125 x 8,0 x 22	A30Q8BF	12 250	310127070	10
9	27 - 150 x 4,0 x 22	A30Q8BF	10 200	310127080	10
10	27 - 150 x 6,0 x 22	A30Q8BF	10 200	310127090	10
11	27 - 150 x 7,0 x 22	A30Q8BF	10 200	310127100	10
12	27 - 150 x 8,0 x 22	A30Q8BF	10 200	310127110	10
13	27 - 180 x 4,0 x 22	A24Q8BF	8 500	310127120	10
14	27 - 180 x 6,0 x 22	A24Q8BF	8 500	310127130	10
15	27 - 180 x 7,0 x 22	A24Q8BF	8 500	310127140	10
16	27 - 180 x 8,0 x 22	A24Q8BF	8 500	310127150	10
17	27 - 180 x 10,0 x 22	A24Q8BF	8 500	310127160	10
18	27 - 230 x 4,0 x 22	A24Q8BF	6 650	310127170	10
19	27 - 230 x 6,0 x 22	A24Q8BF	6 650	310127180	10
20	27 - 230 x 7,0 x 22	A24Q8BF	6 650	310127190	10
21	27 - 230 x 8,0 x 22	A24Q8BF	6 650	310127200	10
22	27 - 230 x 10,0 x 22	A24Q8BF	6 650	310127210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 PREMIUM

APPLICATION



STEEL

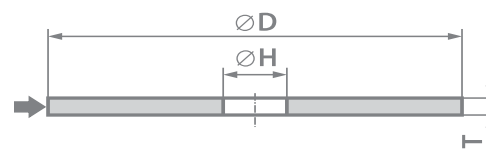
USAGE



FOR CUTTING

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
T	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60T6BF	13 300	110341000	25
2	41 - 115 x 1,6 x 22	A46T6BF	13 300	110341010	25
3	41 - 115 x 2,5 x 22	A30T6BF	13 300	110341020	25
4	41 - 115 x 3,0 x 22	A30T6BF	13 300	110341030	25
5	41 - 125 x 1,0 x 22	A60T6BF	12 250	110341040	25
6	41 - 125 x 1,6 x 22	A46T6BF	12 250	110341050	25
7	41 - 125 x 2,5 x 22	A30T6BF	12 250	110341060	25
8	41 - 125 x 3,0 x 22	A30T6BF	12 250	110341070	25
9	41 - 150 x 1,6 x 22	A46T6BF	10 200	110341080	25
10	41 - 150 x 2,5 x 22	A36T6BF	10 200	110341090	25
11	41 - 150 x 3,0 x 22	A30T6BF	10 200	110341100	25
12	41 - 180 x 1,6 x 22	A46T6BF	8 500	110341110	25
13	41 - 180 x 2,5 x 22	A30T6BF	8 500	110341120	25
14	41 - 180 x 3,0 x 22	A24T6BF	8 500	110341130	25
15	41 - 230 x 1,9 x 22	A36T6BF	6 650	110341140	25
16	41 - 230 x 2,5 x 22	A30T6BF	6 650	110341150	25
17	41 - 230 x 3,0 x 22	A24T6BF	6 650	110341160	25
18	41 - 300 x 3,0 x 32*	A24T6BF	5 100	110341170	10
19	41 - 350 x 3,5 x 32*	A24T6BF	4 400	110341180	10
20	41 - 400 x 4,0 x 32*	A24T6BF	3 850	110341190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 PREMIUM

APPLICATION



STEEL

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

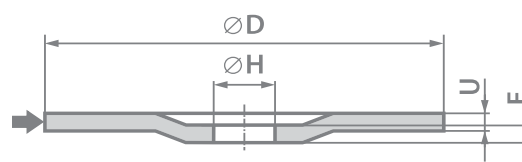
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

S

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36S7BF	13 300	110342000	25
2	42 - 115 x 3,0 x 22	A30S7BF	13 300	110342010	25
3	42 - 125 x 2,5 x 22	A36S7BF	12 250	110342020	25
4	42 - 125 x 3,0 x 22	A30S7BF	12 250	110342030	25
5	42 - 150 x 2,5 x 22	A36S7BF	10 200	110342040	25
6	42 - 150 x 3,0 x 22	A30S7BF	10 200	110342050	25
7	42 - 180 x 2,5 x 22	A30S7BF	8 500	110342060	25
8	42 - 180 x 3,0 x 22	A24S7BF	8 500	110342070	25
9	42 - 230 x 2,5 x 22	A30S7BF	6 650	110342080	25
10	42 - 230 x 3,0 x 22	A24S7BF	6 650	110342090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 PREMIUM

APPLICATION



STEEL

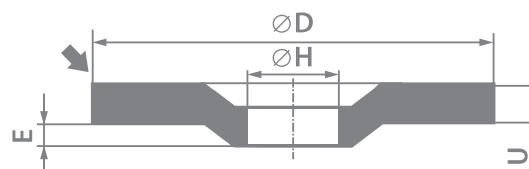
USAGE



FOR GRINDING

CHARACTERISTICS

A	CORUNDUM	8	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
S	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Catalogue Number
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30S8BF	13 300	110327000	10
2	27 - 115 x 6,0 x 22	A30S8BF	13 300	110327010	10
3	27 - 115 x 7,0 x 22	A30S8BF	13 300	110327020	10
4	27 - 115 x 8,0 x 22	A30S8BF	13 300	110327030	10
5	27 - 125 x 4,0 x 22	A30S8BF	12 250	110327040	10
6	27 - 125 x 6,0 x 22	A30S8BF	12 250	110327050	10
7	27 - 125 x 7,0 x 22	A30S8BF	12 250	110327060	10
8	27 - 125 x 8,0 x 22	A30S8BF	12 250	110327070	10
9	27 - 150 x 4,0 x 22	A30S8BF	10 200	110327080	10
10	27 - 150 x 6,0 x 22	A30S8BF	10 200	110327090	10
11	27 - 150 x 7,0 x 22	A30S8BF	10 200	110327100	10
12	27 - 150 x 8,0 x 22	A30S8BF	10 200	110327110	10
13	27 - 180 x 4,0 x 22	A24S8BF	8 500	110327120	10
14	27 - 180 x 6,0 x 22	A24S8BF	8 500	110327130	10
15	27 - 180 x 7,0 x 22	A24S8BF	8 500	110327140	10
16	27 - 180 x 8,0 x 22	A24S8BF	8 500	110327150	10
17	27 - 180 x 10,0 x 22	A24S8BF	8 500	110327160	10
18	27 - 230 x 4,0 x 22	A24S8BF	6 650	110327170	10
19	27 - 230 x 6,0 x 22	A24S8BF	6 650	110327180	10
20	27 - 230 x 7,0 x 22	A24S8BF	6 650	110327190	10
21	27 - 230 x 8,0 x 22	A24S8BF	6 650	110327200	10
22	27 - 230 x 10,0 x 22	A24S8BF	6 650	110327210	10

TYPE 41 PREMIUM

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

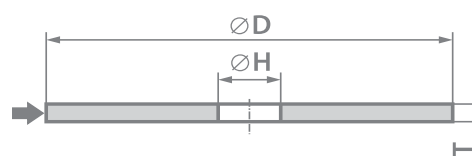
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60R6BF	13 300	311541000	25
2	41 - 115 x 1,6 x 22	A46R6BF	13 300	311541010	25
3	41 - 115 x 2,5 x 22	A30R6BF	13 300	311541020	25
4	41 - 115 x 3,0 x 22	A30R6BF	13 300	311541030	25
5	41 - 125 x 1,0 x 22	A60R6BF	12 250	311541040	25
6	41 - 125 x 1,6 x 22	A46R6BF	12 250	311541050	25
7	41 - 125 x 2,5 x 22	A30R6BF	12 250	311541060	25
8	41 - 125 x 3,0 x 22	A30R6BF	12 250	311541070	25
9	41 - 150 x 1,6 x 22	A46R6BF	10 200	311541080	25
10	41 - 150 x 2,5 x 22	A36R6BF	10 200	311541090	25
11	41 - 150 x 3,0 x 22	A30R6BF	10 200	311541100	25
12	41 - 180 x 1,6 x 22	A46R6BF	8 500	311541110	25
13	41 - 180 x 2,5 x 22	A30R6BF	8 500	311541120	25
14	41 - 180 x 3,0 x 22	A24R6BF	8 500	311541130	25
15	41 - 230 x 1,9 x 22	A36R6BF	6 650	311541140	25
16	41 - 230 x 2,5 x 22	A30R6BF	6 650	311541150	25
17	41 - 230 x 3,0 x 22	A24R6BF	6 650	311541160	25
18	41 - 300 x 3,0 x 32*	A24R6BF	5 100	311541170	10
19	41 - 350 x 3,5 x 32*	A24R6BF	4 400	311541180	10
20	41 - 400 x 4,0 x 32*	A24R6BF	3 850	311541190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 PREMIUM

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

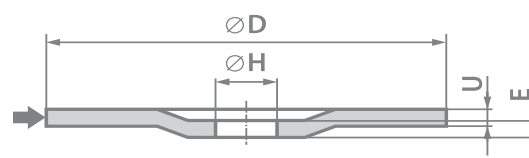
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36R7BF	13 300	311542000	25
2	42 - 115 x 3,0 x 22	A30R7BF	13 300	311542010	25
3	42 - 125 x 2,5 x 22	A36R7BF	12 250	311542020	25
4	42 - 125 x 3,0 x 22	A30R7BF	12 250	311542030	25
5	42 - 150 x 2,5 x 22	A36R7BF	10 200	311542040	25
6	42 - 150 x 3,0 x 22	A30R7BF	10 200	311542050	25
7	42 - 180 x 2,5 x 22	A30R7BF	8 500	311542060	25
8	42 - 180 x 3,0 x 22	A24R7BF	8 500	311542070	25
9	42 - 230 x 2,5 x 22	A30R7BF	6 650	311542080	25
10	42 - 230 x 3,0 x 22	A24R7BF	6 650	311542090	25

TYPE 27 PREMIUM

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

8

STRUCTURE

30

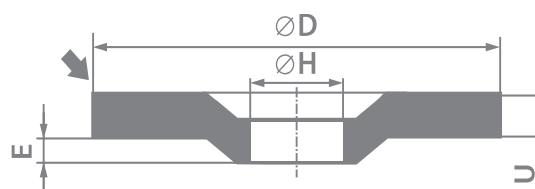
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30Q8BF	13 300	311527000	10
2	27 - 115 x 6,0 x 22	A30Q8BF	13 300	311527010	10
3	27 - 115 x 7,0 x 22	A30Q8BF	13 300	311527020	10
4	27 - 115 x 8,0 x 22	A30Q8BF	13 300	311527030	10
5	27 - 125 x 4,0 x 22	A30Q8BF	12 250	311527040	10
6	27 - 125 x 6,0 x 22	A30Q8BF	12 250	311527050	10
7	27 - 125 x 7,0 x 22	A30Q8BF	12 250	311527060	10
8	27 - 125 x 8,0 x 22	A30Q8BF	12 250	311527070	10
9	27 - 150 x 4,0 x 22	A30Q8BF	10 200	311527080	10
10	27 - 150 x 6,0 x 22	A30Q8BF	10 200	311527090	10
11	27 - 150 x 7,0 x 22	A30Q8BF	10 200	311527100	10
12	27 - 150 x 8,0 x 22	A30Q8BF	10 200	311527110	10
13	27 - 180 x 4,0 x 22	A24Q8BF	8 500	311527120	10
14	27 - 180 x 6,0 x 22	A24Q8BF	8 500	311527130	10
15	27 - 180 x 7,0 x 22	A24Q8BF	8 500	311527140	10
16	27 - 180 x 8,0 x 22	A24Q8BF	8 500	311527150	10
17	27 - 180 x 10,0 x 22	A24Q8BF	8 500	311527160	10
18	27 - 230 x 4,0 x 22	A24Q8BF	6 650	311527170	10
19	27 - 230 x 6,0 x 22	A24Q8BF	6 650	311527180	10
20	27 - 230 x 7,0 x 22	A24Q8BF	6 650	311527190	10
21	27 - 230 x 8,0 x 22	A24Q8BF	6 650	311527200	10
22	27 - 230 x 10,0 x 22	A24Q8BF	6 650	311527210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 PREMIUM

APPLICATION



**NON-FERROUS METALS-
ALUMINIUM**

USAGE



FOR CUTTING

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
R	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60R6BF	13 300	411541000	25
2	41 - 115 x 1,6 x 22	A46R6BF	13 300	411541010	25
3	41 - 115 x 2,5 x 22	A30R6BF	13 300	411541020	25
4	41 - 115 x 3,0 x 22	A30R6BF	13 300	411541030	25
5	41 - 125 x 1,0 x 22	A60R6BF	12 250	411541040	25
6	41 - 125 x 1,6 x 22	A46R6BF	12 250	411541050	25
7	41 - 125 x 2,5 x 22	A30R6BF	12 250	411541060	25
8	41 - 125 x 3,0 x 22	A30R6BF	12 250	411541070	25
9	41 - 150 x 1,6 x 22	A46R6BF	10 200	411541080	25
10	41 - 150 x 2,5 x 22	A36R6BF	10 200	411541090	25
11	41 - 150 x 3,0 x 22	A30R6BF	10 200	411541100	25
12	41 - 180 x 1,6 x 22	A46R6BF	8 500	411541110	25
13	41 - 180 x 2,5 x 22	A30R6BF	8 500	411541120	25
14	41 - 180 x 3,0 x 22	A24R6BF	8 500	411541130	25
15	41 - 230 x 1,9 x 22	A36R6BF	6 650	411541140	25
16	41 - 230 x 2,5 x 22	A30R6BF	6 650	411541150	25
17	41 - 230 x 3,0 x 22	A24R6BF	6 650	411541160	25
18	41 - 300 x 3,0 x 32*	A24R6BF	5 100	411541170	10
19	41 - 350 x 3,5 x 32*	A24R6BF	4 400	411541180	10
20	41 - 400 x 4,0 x 32*	A24R6BF	3 850	411541190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 PREMIUM

APPLICATION



**NON-FERROUS METALS-
ALUMINIUM**

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

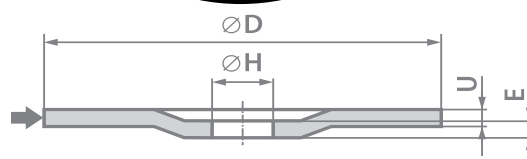
GRANULATION

BF

**RESIN BINDER
MECHANICALLY
REINFORCED**

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36R7BF	13 300	411542000	25
2	42 - 115 x 3,0 x 22	A30R7BF	13 300	411542010	25
3	42 - 125 x 2,5 x 22	A36R7BF	12 250	411542020	25
4	42 - 125 x 3,0 x 22	A30R7BF	12 250	411542030	25
5	42 - 150 x 2,5 x 22	A36R7BF	10 200	411542040	25
6	42 - 150 x 3,0 x 22	A30R7BF	10 200	411542050	25
7	42 - 180 x 2,5 x 22	A30R7BF	8 500	411542060	25
8	42 - 180 x 3,0 x 22	A24R7BF	8 500	411542070	25
9	42 - 230 x 2,5 x 22	A30R7BF	6 650	411542080	25
10	42 - 230 x 3,0 x 22	A24R7BF	6 650	411542090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 PREMIUM

APPLICATION



**NON-FERROUS METALS-
ALUMINIUM**

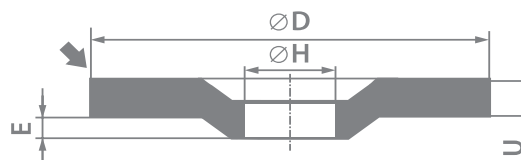
USAGE



FOR GRINDING

CHARACTERISTICS

A	CORUNDUM	8	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
P	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30P8BF	13 300	411527000	10
2	27 - 115 x 6,0 x 22	A30P8BF	13 300	411527010	10
3	27 - 115 x 7,0 x 22	A30P8BF	13 300	411527020	10
4	27 - 115 x 8,0 x 22	A30P8BF	13 300	411527030	10
5	27 - 125 x 4,0 x 22	A30P8BF	12 250	411527040	10
6	27 - 125 x 6,0 x 22	A30P8BF	12 250	411527050	10
7	27 - 125 x 7,0 x 22	A30P8BF	12 250	411527060	10
8	27 - 125 x 8,0 x 22	A30P8BF	12 250	411527070	10
9	27 - 150 x 4,0 x 22	A30P8BF	10 200	411527080	10
10	27 - 150 x 6,0 x 22	A30P8BF	10 200	411527090	10
11	27 - 150 x 7,0 x 22	A30P8BF	10 200	411527100	10
12	27 - 150 x 8,0 x 22	A30P8BF	10 200	411527110	10
13	27 - 180 x 4,0 x 22	A24P8BF	8 500	411527120	10
14	27 - 180 x 6,0 x 22	A24P8BF	8 500	411527130	10
15	27 - 180 x 7,0 x 22	A24P8BF	8 500	411527140	10
16	27 - 180 x 8,0 x 22	A24P8BF	8 500	411527150	10
17	27 - 180 x 10,0 x 22	A24P8BF	8 500	411527160	10
18	27 - 230 x 4,0 x 22	A24P8BF	6 650	411527170	10
19	27 - 230 x 6,0 x 22	A24P8BF	6 650	411527180	10
20	27 - 230 x 7,0 x 22	A24P8BF	6 650	411527190	10
21	27 - 230 x 8,0 x 22	A24P8BF	6 650	411527200	10
22	27 - 230 x 10,0 x 22	A24P8BF	6 650	411527210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 PREMIUM

APPLICATION



STONE

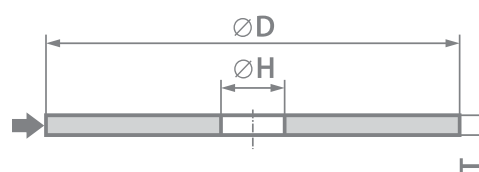
USAGE



FOR CUTTING

CHARACTERISTICS

C	SILICON CARBIDE	6	STRUCTURE
60	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
R	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	C60R6BF	13 300	210941000	25
2	41 - 115 x 1,6 x 22	C46R6BF	13 300	210941010	25
3	41 - 115 x 2,5 x 22	C30R6BF	13 300	210941020	25
4	41 - 115 x 3,0 x 22	C30R6BF	13 300	210941030	25
5	41 - 125 x 1,0 x 22	C60R6BF	12 250	210941040	25
6	41 - 125 x 1,6 x 22	C46R6BF	12 250	210941050	25
7	41 - 125 x 2,5 x 22	C30R6BF	12 250	210941060	25
8	41 - 125 x 3,0 x 22	C30R6BF	12 250	210941070	25
9	41 - 150 x 1,6 x 22	C46R6BF	10 200	210941080	25
10	41 - 150 x 2,5 x 22	C36R6BF	10 200	210941090	25
11	41 - 150 x 3,0 x 22	C30R6BF	10 200	210941100	25
12	41 - 180 x 1,6 x 22	C46R6BF	8 500	210941110	25
13	41 - 180 x 2,5 x 22	C30R6BF	8 500	210941120	25
14	41 - 180 x 3,0 x 22	C24R6BF	8 500	210941130	25
15	41 - 230 x 1,9 x 22	C36R6BF	6 650	210941140	25
16	41 - 230 x 2,5 x 22	C30R6BF	6 650	210941150	25
17	41 - 230 x 3,0 x 22	C24R6BF	6 650	210941160	25
18	41 - 300 x 3,0 x 32*	C24R6BF	5 100	210941170	10
19	41 - 350 x 3,5 x 32*	C24R6BF	4 400	210941180	10
20	41 - 400 x 4,0 x 32*	C24R6BF	3 850	210941190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 PREMIUM

APPLICATION



STONE

USAGE



FOR CUTTING

CHARACTERISTICS

C

SILICON CARBIDE

7

STRUCTURE

30

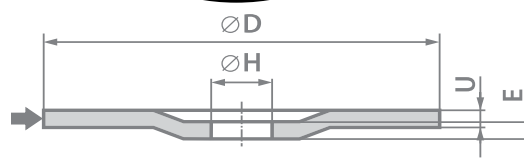
GRANULACJA

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension(mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	C36R7BF	13 300	210942000	25
2	42 - 115 x 3,0 x 22	C30R7BF	13 300	210942010	25
3	42 - 125 x 2,5 x 22	C36R7BF	12 250	210942020	25
4	42 - 125 x 3,0 x 22	C30R7BF	12 250	210942030	25
5	42 - 150 x 2,5 x 22	C36R7BF	10 200	210942040	25
6	42 - 150 x 3,0 x 22	C30R7BF	10 200	210942050	25
7	42 - 180 x 2,5 x 22	C30R7BF	8 500	210942060	25
8	42 - 180 x 3,0 x 22	C24R7BF	8 500	210942070	25
9	42 - 230 x 2,5 x 22	C30R7BF	6 650	210942080	25
10	42 - 230 x 3,0 x 22	C24R7BF	6 650	210942090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 PREMIUM

APPLICATION



STONE

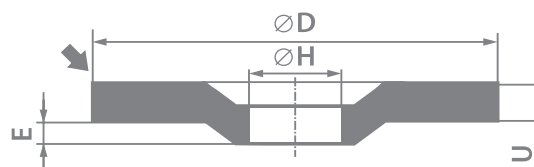
USAGE



FOR GRINDING

CHARACTERISTICS

C	SILICON CARBIDE	8	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
Q	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	C30Q8BF	13 300	210927000	10
2	27 - 115 x 6,0 x 22	C30Q8BF	13 300	210927010	10
3	27 - 115 x 7,0 x 22	C30Q8BF	13 300	210927020	10
4	27 - 115 x 8,0 x 22	C30Q8BF	13 300	210927030	10
5	27 - 125 x 4,0 x 22	C30Q8BF	12 250	210927040	10
6	27 - 125 x 6,0 x 22	C30Q8BF	12 250	210927050	10
7	27 - 125 x 7,0 x 22	C30Q8BF	12 250	210927060	10
8	27 - 125 x 8,0 x 22	C30Q8BF	12 250	210927070	10
9	27 - 150 x 4,0 x 22	C30Q8BF	10 200	210927080	10
10	27 - 150 x 6,0 x 22	C30Q8BF	10 200	210927090	10
11	27 - 150 x 7,0 x 22	C30Q8BF	10 200	210927100	10
12	27 - 150 x 8,0 x 22	C30Q8BF	10 200	210927110	10
13	27 - 180 x 4,0 x 22	C24Q8BF	8 500	210927120	10
14	27 - 180 x 6,0 x 22	C24Q8BF	8 500	210927130	10
15	27 - 180 x 7,0 x 22	C24Q8BF	8 500	210927140	10
16	27 - 180 x 8,0 x 22	C24Q8BF	8 500	210927150	10
17	27 - 180 x 10,0 x 22	C24Q8BF	8 500	210927160	10
18	27 - 230 x 4,0 x 22	C24Q8BF	6 650	210927170	10
19	27 - 230 x 6,0 x 22	C24Q8BF	6 650	210927180	10
20	27 - 230 x 7,0 x 22	C24Q8BF	6 650	210927190	10
21	27 - 230 x 8,0 x 22	C24Q8BF	6 650	210927200	10
22	27 - 230 x 10,0 x 22	C24Q8BF	6 650	210927210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 POWER INDUSTRY

APPLICATION



STEEL

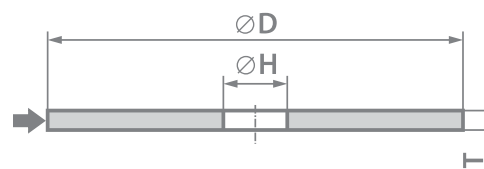
USAGE



FOR CUTTING

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
T	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60T6BF	13 300	111641000	25
2	41 - 115 x 1,6 x 22	A46T6BF	13 300	111641010	25
3	41 - 115 x 2,5 x 22	A30T6BF	13 300	111641020	25
4	41 - 115 x 3,0 x 22	A30T6BF	13 300	111641030	25
5	41 - 125 x 1,0 x 22	A60T6BF	12 250	111641040	25
6	41 - 125 x 1,6 x 22	A46T6BF	12 250	111641050	25
7	41 - 125 x 2,5 x 22	A30T6BF	12 250	111641060	25
8	41 - 125 x 3,0 x 22	A30T6BF	12 250	111641070	25
9	41 - 150 x 1,6 x 22	A46T6BF	10 200	111641080	25
10	41 - 150 x 2,5 x 22	A36T6BF	10 200	111641090	25
11	41 - 150 x 3,0 x 22	A30T6BF	10 200	111641100	25
12	41 - 180 x 1,6 x 22	A46T6BF	8 500	111641110	25
13	41 - 180 x 2,5 x 22	A30T6BF	8 500	111641120	25
14	41 - 180 x 3,0 x 22	A24T6BF	8 500	111641130	25
15	41 - 230 x 1,9 x 22	A36T6BF	6 650	111641140	25
16	41 - 230 x 2,5 x 22	A30T6BF	6 650	111641150	25
17	41 - 230 x 3,0 x 22	A24T6BF	6 650	111641160	25
18	41 - 300 x 3,0 x 32*	A24T6BF	5 100	111641170	10
19	41 - 350 x 3,5 x 32*	A24T6BF	4 400	111641180	10
20	41 - 400 x 4,0 x 32*	A24T6BF	3 850	111641190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 POWER INDUSTRY

APPLICATION



STEEL

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

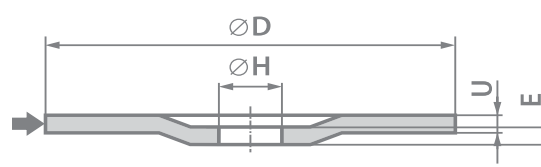
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

S

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36S7BF	13 300	111642000	25
2	42 - 115 x 3,0 x 22	A30S7BF	13 300	111642010	25
3	42 - 125 x 2,5 x 22	A36S7BF	12 250	111642020	25
4	42 - 125 x 3,0 x 22	A30S7BF	12 250	111642030	25
5	42 - 150 x 2,5 x 22	A36S7BF	10 200	111642040	25
6	42 - 150 x 3,0 x 22	A30S7BF	10 200	111642050	25
7	42 - 180 x 2,5 x 22	A30S7BF	8 500	111642060	25
8	42 - 180 x 3,0 x 22	A24S7BF	8 500	111642070	25
9	42 - 230 x 2,5 x 22	A30S7BF	6 650	111642080	25
10	42 - 230 x 3,0 x 22	A24S7BF	6 650	111642090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 POWER INDUSTRY

APPLICATION



STEEL

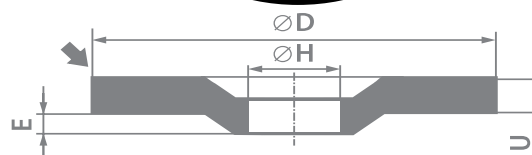
USAGE



FOR GRINDING

CHARACTERISTICS

A	CORUNDUM	8	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
S	HARDNESS		



No.	Dimension(mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30S8BF	13 300	111627000	10
2	27 - 115 x 6,0 x 22	A30S8BF	13 300	111627010	10
3	27 - 115 x 7,0 x 22	A30S8BF	13 300	111627020	10
4	27 - 115 x 8,0 x 22	A30S8BF	13 300	111627030	10
5	27 - 125 x 4,0 x 22	A30S8BF	12 250	111627040	10
6	27 - 125 x 6,0 x 22	A30S8BF	12 250	111627050	10
7	27 - 125 x 7,0 x 22	A30S8BF	12 250	111627060	10
8	27 - 125 x 8,0 x 22	A30S8BF	12 250	111627070	10
9	27 - 150 x 4,0 x 22	A30S8BF	10 200	111627080	10
10	27 - 150 x 6,0 x 22	A30S8BF	10 200	111627090	10
11	27 - 150 x 7,0 x 22	A30S8BF	10 200	111627100	10
12	27 - 150 x 8,0 x 22	A30S8BF	10 200	111627110	10
13	27 - 180 x 4,0 x 22	A24S8BF	8 500	111627120	10
14	27 - 180 x 6,0 x 22	A24S8BF	8 500	111627130	10
15	27 - 180 x 7,0 x 22	A24S8BF	8 500	110627140	10
16	27 - 180 x 8,0 x 22	A24S8BF	8 500	110627150	10
17	27 - 180 x 10,0 x 22	A24S8BF	8 500	110627160	10
18	27 - 230 x 4,0 x 22	A24S8BF	6 650	110627170	10
19	27 - 230 x 6,0 x 22	A24S8BF	6 650	110627180	10
20	27 - 230 x 7,0 x 22	A24S8BF	6 650	110627190	10
21	27 - 230 x 8,0 x 22	A24S8BF	6 650	110627200	10
22	27 - 230 x 10,0 x 22	A24S8BF	6 650	110627210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 POWER INDUSTRY

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

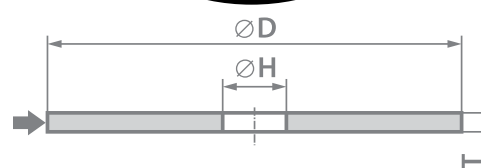
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60R6BF	13 300	311641000	25
2	41 - 115 x 1,6 x 22	A46R6BF	13 300	311641010	25
3	41 - 115 x 2,5 x 22	A30R6BF	13 300	311641020	25
4	41 - 115 x 3,0 x 22	A30R6BF	13 300	311641030	25
5	41 - 125 x 1,0 x 22	A60R6BF	12 250	311641040	25
6	41 - 125 x 1,6 x 22	A46R6BF	12 250	311641050	25
7	41 - 125 x 2,5 x 22	A30R6BF	12 250	311641060	25
8	41 - 125 x 3,0 x 22	A30R6BF	12 250	311641070	25
9	41 - 150 x 1,6 x 22	A46R6BF	10 200	311641080	25
10	41 - 150 x 2,5 x 22	A36R6BF	10 200	311641090	25
11	41 - 150 x 3,0 x 22	A30R6BF	10 200	311641100	25
12	41 - 180 x 1,6 x 22	A46R6BF	8 500	311641110	25
13	41 - 180 x 2,5 x 22	A30R6BF	8 500	311641120	25
14	41 - 180 x 3,0 x 22	A24R6BF	8 500	311641130	25
15	41 - 230 x 1,9 x 22	A36R6BF	6 650	311641140	25
16	41 - 230 x 2,5 x 22	A30R6BF	6 650	311641150	25
17	41 - 230 x 3,0 x 22	A24R6BF	6 650	311641160	25
18	41 - 300 x 3,0 x 32*	A24R6BF	5 100	311641170	10
19	41 - 350 x 3,5 x 32*	A24R6BF	4 400	311641180	10
20	41 - 400 x 4,0 x 32*	A24R6BF	3 850	311641190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 POWER INDUSTRY

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR CUTTING

CHARACTERISTICS

A

CORUNDUM

7

STRUCTURE

30

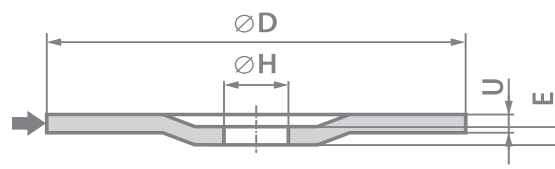
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36R7BF	13 300	311642000	25
2	42 - 115 x 3,0 x 22	A30R7BF	13 300	311642010	25
3	42 - 125 x 2,5 x 22	A36R7BF	12 250	311642020	25
4	42 - 125 x 3,0 x 22	A30R7BF	12 250	311642030	25
5	42 - 150 x 2,5 x 22	A36R7BF	10 200	311642040	25
6	42 - 150 x 3,0 x 22	A30R7BF	10 200	311642050	25
7	42 - 180 x 2,5 x 22	A30R7BF	8 500	311642060	25
8	42 - 180 x 3,0 x 22	A24R7BF	8 500	311642070	25
9	42 - 230 x 2,5 x 22	A30R7BF	6 650	311642080	25
10	42 - 230 x 3,0 x 22	A24R7BF	6 650	311642090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 POWER INDUSTRY

APPLICATION



STAINLESS STEEL-
INOX

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

8

STRUCTURE

30

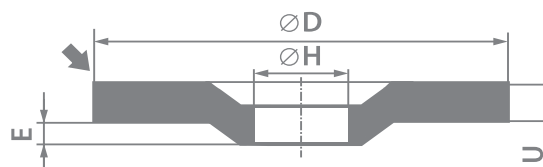
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30Q8BF	13 300	311627000	10
2	27 - 115 x 6,0 x 22	A30Q8BF	13 300	311627010	10
3	27 - 115 x 7,0 x 22	A30Q8BF	13 300	311627020	10
4	27 - 115 x 8,0 x 22	A30Q8BF	13 300	311627030	10
5	27 - 125 x 4,0 x 22	A30Q8BF	12 250	311627040	10
6	27 - 125 x 6,0 x 22	A30Q8BF	12 250	311627050	10
7	27 - 125 x 7,0 x 22	A30Q8BF	12 250	311627060	10
8	27 - 125 x 8,0 x 22	A30Q8BF	12 250	311627070	10
9	27 - 150 x 4,0 x 22	A30Q8BF	10 200	311627080	10
10	27 - 150 x 6,0 x 22	A30Q8BF	10 200	311627090	10
11	27 - 150 x 7,0 x 22	A30Q8BF	10 200	311627100	10
12	27 - 150 x 8,0 x 22	A30Q8BF	10 200	311627110	10
13	27 - 180 x 4,0 x 22	A24Q8BF	8 500	311627120	10
14	27 - 180 x 6,0 x 22	A24Q8BF	8 500	311627130	10
15	27 - 180 x 7,0 x 22	A24Q8BF	8 500	311627140	10
16	27 - 180 x 8,0 x 22	A24Q8BF	8 500	311627150	10
17	27 - 180 x 10,0 x 22	A24Q8BF	8 500	311627160	10
18	27 - 230 x 4,0 x 22	A24Q8BF	6 650	311627170	10
19	27 - 230 x 6,0 x 22	A24Q8BF	6 650	311627180	10
20	27 - 230 x 7,0 x 22	A24Q8BF	6 650	311627190	10
21	27 - 230 x 8,0 x 22	A24Q8BF	6 650	311627200	10
22	27 - 230 x 10,0 x 22	A24Q8BF	6 650	311627210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 POWER INDUSTRY

APPLICATION



**NON-FERROUS METALS-
ALUMINIUM**

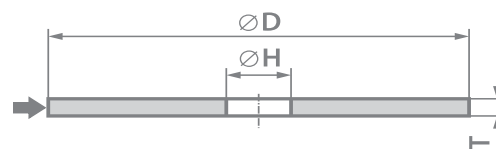
USAGE



FOR CUTTING

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
R	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	A60R6BF	13 300	411541200	25
2	41 - 115 x 1,6 x 22	A46R6BF	13 300	411541210	25
3	41 - 115 x 2,5 x 22	A30R6BF	13 300	411541220	25
4	41 - 115 x 3,0 x 22	A30R6BF	13 300	411541230	25
5	41 - 125 x 1,0 x 22	A60R6BF	12 250	411541240	25
6	41 - 125 x 1,6 x 22	A46R6BF	12 250	411541250	25
7	41 - 125 x 2,5 x 22	A30R6BF	12 250	411541260	25
8	41 - 125 x 3,0 x 22	A30R6BF	12 250	411541270	25
9	41 - 150 x 1,6 x 22	A46R6BF	10 200	411541280	25
10	41 - 150 x 2,5 x 22	A36R6BF	10 200	411541290	25
11	41 - 150 x 3,0 x 22	A30R6BF	10 200	411541300	25
12	41 - 180 x 1,6 x 22	A46R6BF	8 500	411541310	25
13	41 - 180 x 2,5 x 22	A30R6BF	8 500	411541320	25
14	41 - 180 x 3,0 x 22	A24R6BF	8 500	411541330	25
15	41 - 230 x 1,9 x 22	A36R6BF	6 650	411541340	25
16	41 - 230 x 2,5 x 22	A30R6BF	6 650	411541350	25
17	41 - 230 x 3,0 x 22	A24R6BF	6 650	411541360	25
18	41 - 300 x 3,0 x 32*	A24R6BF	5 100	411541370	10
19	41 - 350 x 3,5 x 32*	A24R6BF	4 400	411541380	10
20	41 - 400 x 4,0 x 32*	A24R6BF	3 850	411541390	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 POWER INDUSTRY

APPLICATION



NON-FERROUS METALS-
ALUMINIUM

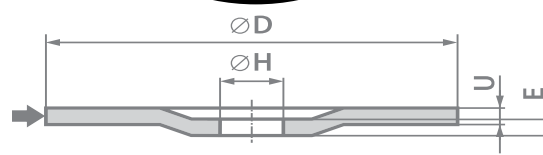
USAGE



FOR CUTTING

CHARACTERISTICS

A	CORUNDUM	7	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
R	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	A36R7BF	13 300	411542100	25
2	42 - 115 x 3,0 x 22	A30R7BF	13 300	411542110	25
3	42 - 125 x 2,5 x 22	A36R7BF	12 250	411542120	25
4	42 - 125 x 3,0 x 22	A30R7BF	12 250	411542130	25
5	42 - 150 x 2,5 x 22	A36R7BF	10 200	411542140	25
6	42 - 150 x 3,0 x 22	A30R7BF	10 200	411542150	25
7	42 - 180 x 2,5 x 22	A30R7BF	8 500	411542160	25
8	42 - 180 x 3,0 x 22	A24R7BF	8 500	411542170	25
9	42 - 230 x 2,5 x 22	A30R7BF	6 650	411542180	25
10	42 - 230 x 3,0 x 22	A24R7BF	6 650	411542190	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 POWER INDUSTRY

APPLICATION



NON-FERROUS METALS-
ALUMINIUM

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

8

STRUCTURE

30

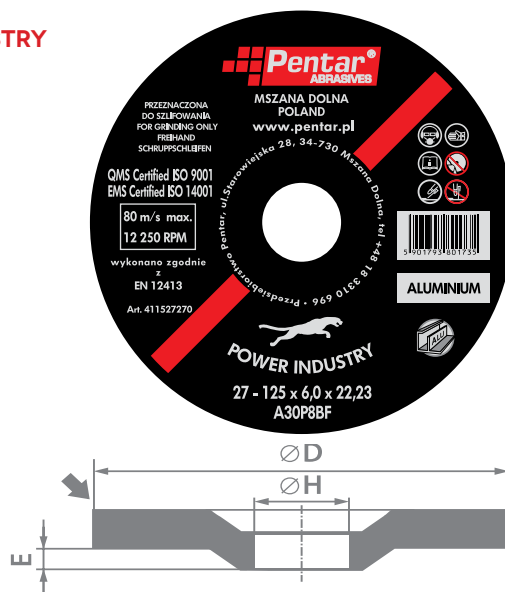
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

P

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	A30P8BF	13 300	411527220	10
2	27 - 115 x 6,0 x 22	A30P8BF	13 300	411527230	10
3	27 - 115 x 7,0 x 22	A30P8BF	13 300	411527240	10
4	27 - 115 x 8,0 x 22	A30P8BF	13 300	411527250	10
5	27 - 125 x 4,0 x 22	A30P8BF	12 250	411527260	10
6	27 - 125 x 6,0 x 22	A30P8BF	12 250	411527270	10
7	27 - 125 x 7,0 x 22	A30P8BF	12 250	411527280	10
8	27 - 125 x 8,0 x 22	A30P8BF	12 250	411527290	10
9	27 - 150 x 4,0 x 22	A30P8BF	10 200	411527300	10
10	27 - 150 x 6,0 x 22	A30P8BF	10 200	411527310	10
11	27 - 150 x 7,0 x 22	A30P8BF	10 200	411527320	10
12	27 - 150 x 8,0 x 22	A30P8BF	10 200	411527330	10
13	27 - 180 x 4,0 x 22	A24P8BF	8 500	411527340	10
14	27 - 180 x 6,0 x 22	A24P8BF	8 500	411527350	10
15	27 - 180 x 7,0 x 22	A24P8BF	8 500	411527360	10
16	27 - 180 x 8,0 x 22	A24P8BF	8 500	411527370	10
17	27 - 180 x 10,0 x 22	A24P8BF	8 500	411527380	10
18	27 - 230 x 4,0 x 22	A24P8BF	6 650	411527390	10
19	27 - 230 x 6,0 x 22	A24P8BF	6 650	411527400	10
20	27 - 230 x 7,0 x 22	A24P8BF	6 650	411527410	10
21	27 - 230 x 8,0 x 22	A24P8BF	6 650	411527420	10
22	27 - 230 x 10,0 x 22	A24P8BF	6 650	411527430	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 41 POWER INDUSTRY

APPLICATION



STONE

USAGE



FOR CUTTING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

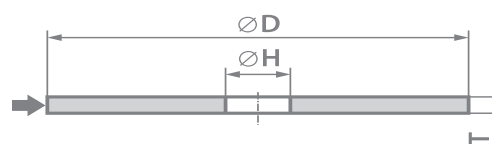
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

R

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x T x H				Quantity [units]
1	41 - 115 x 1,0 x 22	C60R6BF	13 300	211741000	25
2	41 - 115 x 1,6 x 22	C46R6BF	13 300	211741010	25
3	41 - 115 x 2,5 x 22	C30R6BF	13 300	211741020	25
4	41 - 115 x 3,0 x 22	C30R6BF	13 300	211741030	25
5	41 - 125 x 1,0 x 22	C60R6BF	12 250	211741040	25
6	41 - 125 x 1,6 x 22	C46R6BF	12 250	211741050	25
7	41 - 125 x 2,5 x 22	C30R6BF	12 250	211741060	25
8	41 - 125 x 3,0 x 22	C30R6BF	12 250	211741070	25
9	41 - 150 x 1,6 x 22	C46R6BF	10 200	211741080	25
10	41 - 150 x 2,5 x 22	C36R6BF	10 200	211741090	25
11	41 - 150 x 3,0 x 22	C30R6BF	10 200	211741100	25
12	41 - 180 x 1,6 x 22	C46R6BF	8 500	211741110	25
13	41 - 180 x 2,5 x 22	C30R6BF	8 500	211741120	25
14	41 - 180 x 3,0 x 22	C24R6BF	8 500	211741130	25
15	41 - 230 x 1,9 x 22	C36R6BF	6 650	211741140	25
16	41 - 230 x 2,5 x 22	C30R6BF	6 650	211741150	25
17	41 - 230 x 3,0 x 22	C24R6BF	6 650	211741160	25
18	41 - 300 x 3,0 x 32*	C24R6BF	5 100	211741170	10
19	41 - 350 x 3,5 x 32*	C24R6BF	4 400	211741180	10
20	41 - 400 x 4,0 x 32*	C24R6BF	3 850	211741190	10

* ON REQUEST WE CAN MAKE SPECIAL CUTTING WHEELS:

- WITH 25,4 MM HOLE;
- WITH PERMISSIBLE OPERATING SPEED OF 100 M/S.

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 42 POWER INDUSTRY

APPLICATION



STONE

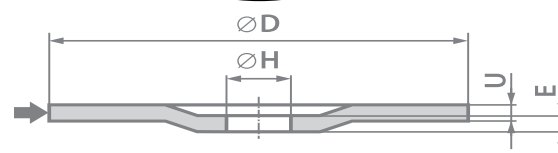
USAGE



FOR CUTTING

CHARACTERISTICS

C	SILICON CARBIDE	7	STRUCTURE
30	GRANULATION	BF	RESIN BINDER MECHANICALLY REINFORCED
R	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	42 - 115 x 2,5 x 22	C36R7BF	13 300	211742000	25
2	42 - 115 x 3,0 x 22	C30R7BF	13 300	211742010	25
3	42 - 125 x 2,5 x 22	C36R7BF	12 250	211742020	25
4	42 - 125 x 3,0 x 22	C30R7BF	12 250	211742030	25
5	42 - 150 x 2,5 x 22	C36R7BF	10 200	211742040	25
6	42 - 150 x 3,0 x 22	C30R7BF	10 200	211742050	25
7	42 - 180 x 2,5 x 22	C30R7BF	8 500	211742060	25
8	42 - 180 x 3,0 x 22	C24R7BF	8 500	211742070	25
9	42 - 230 x 2,5 x 22	C30R7BF	6 650	211742080	25
10	42 - 230 x 3,0 x 22	C24R7BF	6 650	211742090	25

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 27 POWER INDUSTRY

APPLICATION



STONE

USAGE



FOR GRINDING

CHARACTERISTICS

C

SILICON CARBIDE

8

STRUCTURE

30

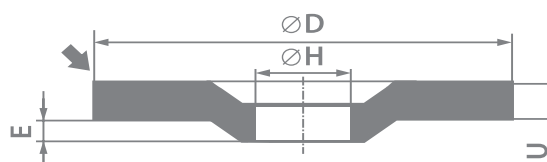
GRANULATION

BF

RESIN BINDER
MECHANICALLY
REINFORCED

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package
	D x U x H				Quantity [units]
1	27 - 115 x 4,0 x 22	C30Q8BF	13 300	211727000	10
2	27 - 115 x 6,0 x 22	C30Q8BF	13 300	211727010	10
3	27 - 115 x 7,0 x 22	C30Q8BF	13 300	211727020	10
4	27 - 115 x 8,0 x 22	C30Q8BF	13 300	211727030	10
5	27 - 125 x 4,0 x 22	C30Q8BF	12 250	211727040	10
6	27 - 125 x 6,0 x 22	C30Q8BF	12 250	211727050	10
7	27 - 125 x 7,0 x 22	C30Q8BF	12 250	211727060	10
8	27 - 125 x 8,0 x 22	C30Q8BF	12 250	211727070	10
9	27 - 150 x 4,0 x 22	C30Q8BF	10 200	211727080	10
10	27 - 150 x 6,0 x 22	C30Q8BF	10 200	211727090	10
11	27 - 150 x 7,0 x 22	C30Q8BF	10 200	211727100	10
12	27 - 150 x 8,0 x 22	C30Q8BF	10 200	211727110	10
13	27 - 180 x 4,0 x 22	C24Q8BF	8 500	211727120	10
14	27 - 180 x 6,0 x 22	C24Q8BF	8 500	211727130	10
15	27 - 180 x 7,0 x 22	C24Q8BF	8 500	211727140	10
16	27 - 180 x 8,0 x 22	C24Q8BF	8 500	211727150	10
17	27 - 180 x 10,0 x 22	C24Q8BF	8 500	211727160	10
18	27 - 230 x 4,0 x 22	C24Q8BF	6 650	211727170	10
19	27 - 230 x 6,0 x 22	C24Q8BF	6 650	211727180	10
20	27 - 230 x 7,0 x 22	C24Q8BF	6 650	211727190	10
21	27 - 230 x 8,0 x 22	C24Q8BF	6 650	211727200	10
22	27 - 230 x 10,0 x 22	C24Q8BF	6 650	211727210	10

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 1

APPLICATION



STEEL



IRON CAST/STEEL CAST

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

24

GRANULATION

B

BINDER

P

HARDNESS



No.	Type - Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H				
1	1 - 80 x 20 x 20	A24P6B	12 000	110101000	10
2	1 - 100 x 20 x 20	A24P6B	9 550	110101010	10
3	1 - 100 x 25 x 20	A24P6B	9 550	110101020	10
4	1 - 125 x 20 x 20	A24P6B	7 650	110101030	10
5	1 - 150 x 20 x 20	A24P6B	6 400	110101040	5
6	1 - 150 x 25 x 20	A24P6B	6 400	110101050	5
7	1 - 200 x 20 x 32	A24P6B	4 800	110101060	5
8	1 - 200 x 25 x 32	A24P6B	4 800	110101070	5
9	1 - 250 x 20 x 32	A24P6B	3 850	110101080	5
10	1 - 250 x 25 x 32	A24P6B	3 850	110101090	5
11	1 - 250 x 32 x 32	A24P6B	3 850	110101100	5
12	1 - 300 x 32 x 32	A24P6B	3 200	110101110	5
13	1 - 300 x 40 x 51	A24P6B	3 200	110101120	1
14	1 - 350 x 40 x 51	A24P6B	2 750	110101130	1
15	1 - 350 x 40 x 127	A24P6B	2 750	110101140	1
16	1 - 350 x 50 x 51	A24P6B	2 750	110101150	1
17	1 - 350 x 50 x 127	A24P6B	2 750	110101160	1
18	1 - 400 x 50 x 127	A24Q5B	2 400	110101170	1

DIMENSIONS LISTED IN THE CATALOGUE ARE TYPICAL FOR ABRASIVE TOOLS GENERAL USE. IN OUR PRODUCTION PROGRAM WE ALSO HAVE BULKY TOOLS. DEPENDING ON THE GRINDER TYPE AND WORKPIECE MATERIAL WE MAKE ABRASIVES WITH VARIOUS CHARACTERISTICS AND DIMENSIONS (OUTER DIAMETER UP TO 950 MM). THESE KIND OF TOOLS ARE SPECIALLY CUSTOMIZED TO CUSTOMERS REQUIREMENTS.

TYPE 1

APPLICATION



STEEL

USAGE



FOR SHARPENING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

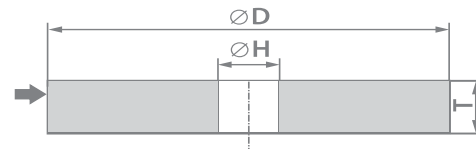
GRANULATION

B

BINDER

S

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H				
1	127 x 6 x 12.7	A60R5B	7 510	110101180	10
2	127 x 6 x 12.7	A60S6B	7 510	110101190	10
3	150 x 6 x 20	A60R5B	6 400	110101200	10
4	150 x 6 x 20	A60S6B	6 400	110101210	10
5	150 x 6 x 32	A60R5B	6 400	110101220	10
6	150 x 6 x 32	A60S6B	6 400	110101230	10
7	175 x 6 x 32	A60S6B	5 450	110101240	10
8	200 x 10 x 32	A60S6B	4 800	110101250	10

TYPE 1C

APPLICATION



STEEL

USAGE



FOR SHARPENING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

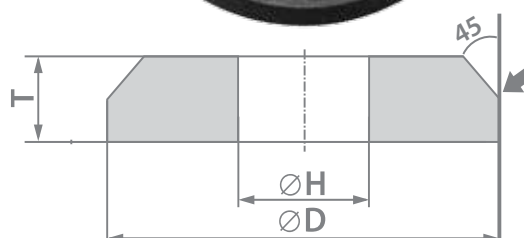
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M.	Catalogue Number	Package [units]
	D x T x H				
1	1 - 125 x 6 x 20	A60N6B	7 650	110101260	10
2	1 - 125 x 8 x 20	A60N6B	7 650	110101270	10
3	1 - 150 x 8 x 20	A60N6B	6 400	110101280	10
4	1 - 150 x 10 x 20	A60N6B	6 400	110101290	10
5	1 - 200 x 8 x 25	A60N6B	4 800	110101300	10
6	1 - 200 x 10 x 25	A60N6B	4 800	110101310	10
7	1 - 250 x 8 x 32	A60N6B	3 850	110101320	10
8	1 - 250 x 10 x 32	A60N6B	3 850	110101330	10

TYPE 1C

APPLICATION



STEEL

USAGE



FOR SHARPENING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

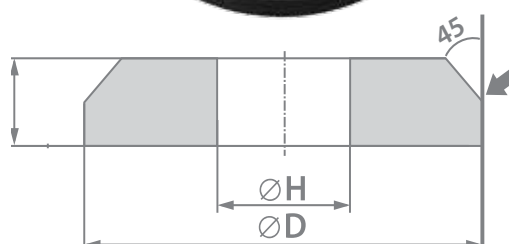
GRANULATION

B

BINDER

K

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H				
1	1 - 125 x 6 x 20	C60K6B	7 650	110901000	10
2	1 - 125 x 8 x 20	C60K6B	7 650	110901010	10
3	1 - 150 x 8 x 20	C60K6B	6 400	110901020	10
4	1 - 150 x 10 x 20	C60K6B	6 400	110901030	10
5	1 - 200 x 8 x 25	C60K6B	4 800	110901040	10
6	1 - 200 x 10 x 25	C60K6B	4 800	110901050	10
7	1 - 250 x 8 x 32	C60K6B	3 850	110901060	10
8	1 - 250 x 10 x 32	C60K6B	3 850	110901070	10

TYPE 1C WHEELS ARE MADE OF SILICON CARBIDE . THEY ARE DESIGNATED FOR SHARPENING TUNGSTEN CARBIDE SAWS.

TYPE 11

APPLICATION



STEEL



IRON CAST/STEEL CAST

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

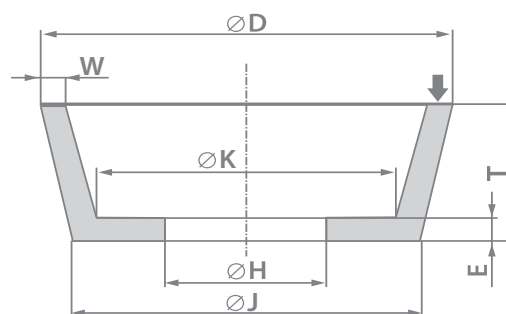
GRANULATION

B

BINDER

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D/J x T x H - W... E... K...				
1	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A14Q6B	8 680	111511000	2
2	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A16Q6B	8 680	111511010	2
3	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A24Q6B	8 680	111511020	2
4	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A36Q6B	8 680	111511030	2
5	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A46Q6B	8 680	111511040	2
6	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A60Q6B	8 680	111511050	2
7	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	A120Q6B	8 680	111511060	2

TYPE 11

APPLICATION



CONCRETE



STONES



CERAMICS

USAGE



FOR GRINDING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

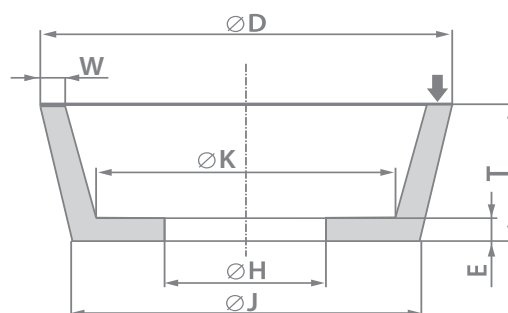
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M.	Catalogue Number	Package [units]
	D/J x T x H - W... E... K...				
1	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C14N6B	8 680	210911000	2
2	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C16N6B	8 680	210911010	2
3	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C24N6B	8 680	210911020	2
4	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C36N6B	8 680	210911030	2
5	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C46N6B	8 680	210911040	2
6	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C60N6B	8 680	210911050	2
7	1 1 - 110/90 x 55 x 22,2 - W20 E 12 K48	C120N6B	8 680	210911060	2

TYPE 1112

APPLICATION



STEEL



IRON CAST/STEEL CAST

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

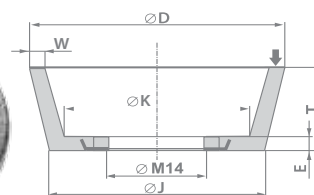
GRANULATION

B

BINDER

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D/J x T x H - W... E... K...				
1	1112 - 110/90 x 55 x M14 - W20 E12 K48	A14Q6B	8 680	111511070	2
2	1112 - 110/90 x 55 x M14 - W20 E12 K48	A16Q6B	8 680	111511080	2
3	1112 - 110/90 x 55 x M14 - W20 E12 K48	A24Q6B	8 680	111511090	2
4	1112 - 110/90 x 55 x M14 - W20 E12 K48	A36Q6B	8 680	111511100	2
5	1112 - 110/90 x 55 x M14 - W20 E12 K48	A46Q6B	8 680	111511110	2
6	1112 - 110/90 x 55 x M14 - W20 E12 K48	A60Q6B	8 680	111511120	2
7	1112 - 110/90 x 55 x M14 - W20 E12 K48	A120Q6B	8 680	111511130	2

TYPE 1112

APPLICATION



CONCRETE



STONES



CERAMICS

USAGE



FOR GRINDING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

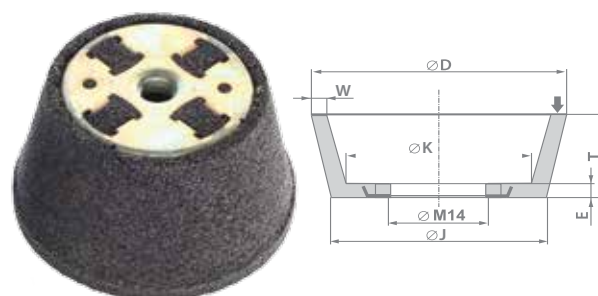
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D/A x C x L - W... E... K...				
1	1112 - 110/90 x 55 x M14 - W20 E12 K48	C14N6B	8 680	210911070	2
2	1112 - 110/90 x 55 x M14 - W20 E12 K48	C16N6B	8 680	210911080	2
3	1112 - 110/90 x 55 x M14 - W20 E12 K48	C24N6B	8 680	210911090	2
4	1112 - 110/90 x 55 x M14 - W20 E12 K48	C36N6B	8 680	210911100	2
5	1112 - 110/90 x 55 x M14 - W20 E12 K48	C46N6B	8 680	210911110	2
6	1112 - 110/90 x 55 x M14 - W20 E12 K48	C60N6B	8 680	210911120	2
7	1112 - 110/90 x 55 x M14 - W20 E12 K48	C120N6B	8 680	210911130	2

TYPE 3101

APPLICATION



STEEL

USAGE



FOR GRINDING ON STATIONARY MACHINES

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	B	BINDER
K	HARDNESS		



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B x C x L			
1	3101 - 80 x 25 x 150	A36M5B	111531000	5
2	3101 - 80 x 25 x 150	A60K6B	111531010	5
3	3101 - 90 x 35 x 150	A36M5B	111531020	5
4	3101 - 90 x 35 x 150	A60K6B	111531030	5

TYPE 3109

APPLICATION



STEEL

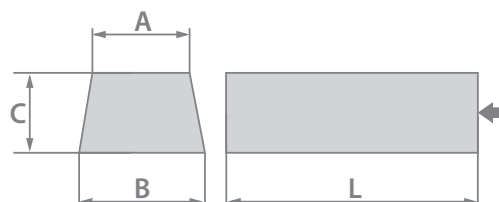
USAGE



FOR GRINDING ON STATIONARY MACHINES

CHARACTERISTICS

A	CORUNDUM	6	STRUCTURE
60	GRANULATION	B	BINDER
K	HARDNESS		



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B/A x C x L			
1	3101 - 100/85 x 25 x 150	A36M5B	111531040	5
2	3101 - 100/85 x 25 x 150	A60K6B	111531050	5
3	3101 - 100/85 x 35 x 160	A36M5B	111531060	5
4	3101 - 100/85 x 35 x 160	A60K6B	111531070	5

TYPE 3502

APPLICATION



STONES



CONCRETE

USAGE



FOR GRINDING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

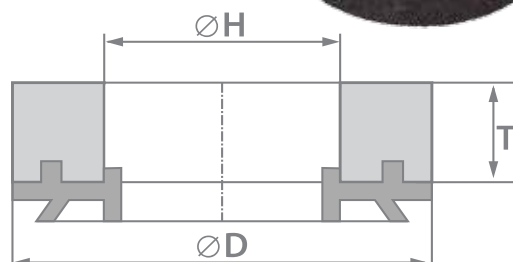
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H				
1	3502 - 130 x 40 x 55	C14N6B	5 140	210935000	5
2	3502 - 130 x 40 x 55	C16N6B	5 140	210935010	5
3	3502 - 130 x 40 x 55	C24N6B	5 140	210935020	5
4	3502 - 130 x 40 x 55	C36N6B	5 140	210935030	5
5	3502 - 130 x 40 x 55	C46N6B	5 140	210935040	5
6	3502 - 130 x 40 x 55	C60N6B	5 140	210935050	5
7	3502 - 130 x 40 x 55	C120N6B	5 140	210935060	5

THESE TYPE OF WHEELS ARE USED FOR PROCESSING STONES, CONCRETE, TERRAZZO ON ELECTRIC HAND GRINDERS WITH QUICK RELEASE ADAPTER PLATE.

TYPE 5

APPLICATION



STEEL



IRON CAST

USAGE



FOR GRINDING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

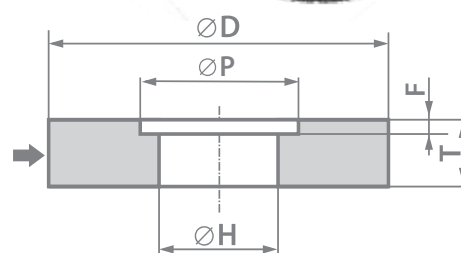
GRANULATION

B

BINDER

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H - P... F...				
1	5 - 150 x 32 x 32 - P75 F20	A14Q6B	6 400	111505000	5
2	5 - 150 x 32 x 32 - P75 F20	A16Q6B	6 400	111505010	5
3	5 - 150 x 32 x 32 - P75 F20	A24Q6B	6 400	111505020	5
4	5 - 150 x 32 x 32 - P75 F20	A36Q6B	6 400	111505030	5
5	5 - 150 x 32 x 32 - P75 F20	A46Q6B	6 400	111505040	5
6	5 - 150 x 32 x 32 - P75 F20	A60Q6B	6 400	111505050	5
7	5 - 150 x 32 x 32 - P75 F20	A120Q6B	6 400	111505060	5

TYPE 5 WHEELS ARE USED FOR COARSE AND PRECISE GRINDING AND SHARPENING CUTTING TOOLS.

TYPE 5

APPLICATION



CONCRETE



IRON CAST

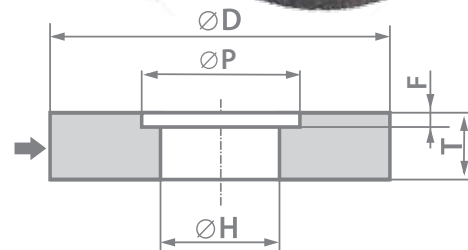
USAGE



FOR GRINDING

CHARACTERISTICS

C	SILICON CARBIDE	6	STRUCTURE
60	GRANULATION	B	BINDER
N	HARDNESS		



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H - P... F...				
1	5 - 150 x 32 x 32 - P75 F20	C14N6B	6 400	210905000	5
2	5 - 150 x 32 x 32 - P75 F20	C16N6B	6 400	210905010	5
3	5 - 150 x 32 x 32 - P75 F20	C24N6B	6 400	210905020	5
4	5 - 150 x 32 x 32 - P75 F20	C36N6B	6 400	210905030	5
5	5 - 150 x 32 x 32 - P75 F20	C46N6B	6 400	210905040	5
6	5 - 150 x 32 x 32 - P75 F20	C60N6B	6 400	210905050	5
7	5 - 150 x 32 x 32 - P75 F20	C120N6B	6 400	210905060	5

BONDED ABRASIVE TOOLS-RESIN BINDER

TYPE 6

APPLICATION



STEEL



IRON CAST

USAGE



FOR GRINDING



FOR SHARPENING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

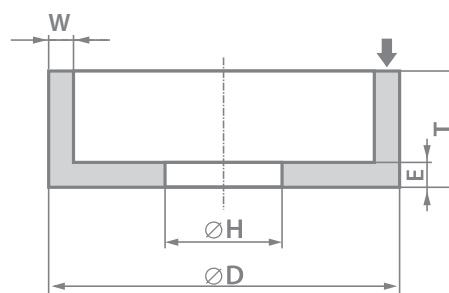
GRANULATION

B

BINDER

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H - W... E...				
1	6 - 90 x 40 x 20 - W15 E15	A14Q6B	10 610	111506000	5
2	6 - 90 x 40 x 20 - W15 E15	A16Q6B	10 610	111506010	5
3	6 - 90 x 40 x 20 - W15 E15	A24Q6B	10 610	111506020	5
4	6 - 90 x 40 x 20 - W15 E15	A36Q6B	10 610	111506030	5
5	6 - 90 x 40 x 20 - W15 E15	A46Q6B	10 610	111506040	5
6	6 - 90 x 40 x 20 - W15 E15	A60Q6B	10 610	111506050	5
7	6 - 90 x 40 x 20 - W15 E15	A120Q6B	10 610	111506060	5

TYPE 6 WHEELS ARE USED FOR COARSE AND PRECISE GRINDING AND SHARPENING CUTTING TOOLS.

TYPE 6

APPLICATION



CONCRETE



STONES



CERAMICS

USAGE



FOR GRINDING



FOR SHARPENING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

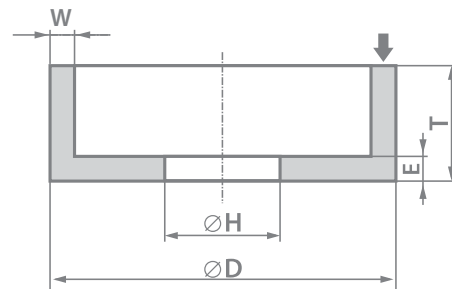
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Maximum R.P.M	Catalogue Number	Package [units]
	D x T x H x E				
1	6 - 90 x 40 x 20 - W15 E15	C14N6B	10 610	210906000	5
2	6 - 90 x 40 x 20 - W15 E15	C16N6B	10 610	210906010	5
3	6 - 90 x 40 x 20 - W15 E15	C24N6B	10 610	210906020	5
4	6 - 90 x 40 x 20 - W15 E15	C36N6B	10 610	210906030	5
5	6 - 90 x 40 x 20 - W15 E15	C46N6B	10 610	210906040	5
6	6 - 90 x 40 x 20 - W15 E15	C60N6B	10 610	210906050	5
7	6 - 90 x 40 x 20 - W15 E15	C120N6B	10 610	210906060	5

TYPE 9010

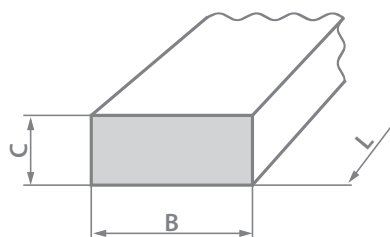
USAGE



FOR MANUAL
GRINDING

CHARACTERISTICS

A	CORUNDUM	5	STRUCTURE
60	GRANULATION	B	BINDER
T	HARDNESS		



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B x C x L			
1	9010 - 50 x 20 x 200	A16T5B	111590000	10
2	9010 - 50 x 20 x 200	A60T5B	111590010	10

TYPE 9010

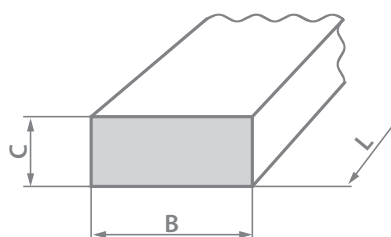
USAGE



FOR MANUAL
GRINDING

CHARACTERISTICS

C	SILICON CARBIDE	6	STRUCTURE
60	GRANULATION	B	BINDER
N	HARDNESS		



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B x C x L			
1	9010 - 50 x 20 x 200	C16T5B	210990000	10
2	9010 - 50 x 20 x 200	C60T5B	210990010	10

TYPE 9050

USAGE



FOR MANUAL
GRINDING

CHARACTERISTICS

A

CORUNDUM

6

STRUCTURE

60

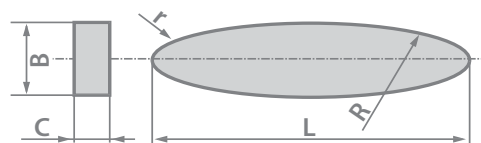
GRANULATION

B

BINDER

Q

HARDNESS



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B x C x L - R... r...			
1	9050 - 36 x 13 x 230 - R500 r6	A60Q6B	111590500	10
2	9050 - 36 x 13 x 230 - R500 r6	A120Q6B	111590510	10

TYPE 9050

USAGE



FOR MANUAL
GRINDING

CHARACTERISTICS

C

SILICON CARBIDE

6

STRUCTURE

60

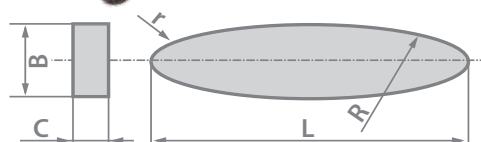
GRANULATION

B

BINDER

N

HARDNESS



No.	Dimension (mm)	Characteristic	Catalogue Number	Package [units]
	B x C x L - R... r...			
1	9050 - 36 x 13 x 230 - R500 r6	C60N6B	210990500	10
2	9050 - 36 x 13 x 230 - R500 r6	C120N6B	210990510	10

COATED ABRASIVE TOOLS ARE MADE OF MATERIAL CONSISTING OF A SUBSTRATE IN THE FORM OF PAPER, FIBRE, CLOTH, POLYESTER AND NON-WOVEN ABRASIVES TO WHICH ABRASIVE GRAINS ARE FIXED BY AN ADHESIVE LAYER. THEY ARE USED FOR STOCK REMOVAL, GRINDING, DEBURRING, SMOOTHING, POLISHING AND CLEANING MATERIAL.



**COATED
ABRASIVE TOOLS**

COATED ABRASIVE TOOLS

1. TECHNICAL INFORMATION

Coated abrasive tools are group of products where substrate may be made of paper, fibre, cloth, polyester or non-woven to which abrasive grains are attached by an adhesive layer. These products are widely used in manual and mechanical grinding to provide adequate surface smoothness and also more often for mechanical processing in order to give appropriate shapes and dimensions of work pieces.

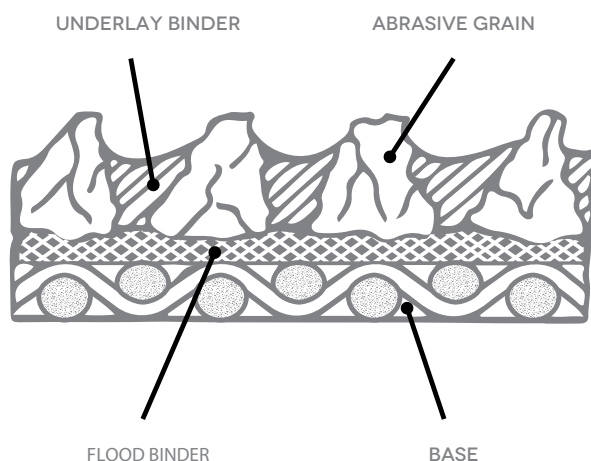
Coated abrasive tools are mainly used for stock removal, grinding, deburring, smoothing, polishing and cleaning material. They are available in form of sheets, discs, belts, tapes, flap disc, pin etc.

Coated abrasive tools consist of three layers:

- **SUBSTRATE**
- **BINDER**
- **ABRASIVE GRAIN**

To the substrate of paper or cloth, primer adhesive layer is applied which embeds abrasive grains implanted by additional layer of adhesive flood.

BELOW YOU CAN SEE THE STRUCTURE OF COATED ABRASIVE TOOLS:



2. SUBSTRATES

2.1. PAPER. There are three different densities of the paper, shown below:

A	PAPER	95 g/m ²
B	PAPER	105 g/m ²
C	PAPER	110 g/m ²
D	PAPER	130 g/m ²
E	PAPER	250 g/m ²
F	PAPER	290 g/m ²

Paper density depends on its breaking strength and might be used for manual or machine purposes.

Coated abrasive tools of paper substrate are mainly used for manual and machine processing of wood, wood-like materials, varnishes, paints, fillers, plastic, etc.

2.2. FABRICS

There are natural cotton or synthetic polyester canvases as the most popular fabrics, shown in the table below:

J	light cotton canvas
JF	light, flexible cotton canvas
X	heavy cotton canvas
XF	heavy, flexible cotton canvas
Y	polyester

Cotton Substrates (J, JF, X and XF) show their high flexibility which enables an adjustment to the shape of the work piece. They are used in the hand and machine metal treatment of: wood, glass, rubber and plastic materials.

Substrates made of synthetic materials (polyester Y) have very high tear strength and therefore may be used in treatment processes where the high pressure during grinding is. They are mainly used in machining of: metals, glass, plastic, wood and wood-like materials. They can be used in operations involving grinding coolants and lubricants.

2.3. NON WOVEN

Non-woven substrate is resistant to tearing and is applied to hand sanding. It is used for wiping and polishing connectors, rounded elements, cavities and hard to reach places.

2.4. FIBRE

Fibre occurs only in the form of discs and is used in metal industry.

3. BINDERS

The binder is designed to bond abrasive grains to the substrate. The binder is applied in two layers. The first layer (underlay binder) connects the abrasive grains to the substrate ensuring that they are appropriate set to the ground. After curing second layer is applied (flood binder). The second layer connects with the first providing a definitive fixing of the abrasive grains to the substrate and determining their positions relative to each other.

Used binders:

- **ORGANIC (HIDE GLUE, BONE)**
- **SYNTHETIC (RESINS)**

Types of adhesives determined by PENTAR:

- **S – GLUE/GLUE** used in the production of abrasives for manual processing
- **R – GLUE/RESIN** materials of this type of binder are designed for manual or machine processing
- **X – RESIN/RESIN** the most popular binder used for machine processing

4. ABRASIVE GRAINS

The most commonly used grain for the production of Coated Abrasive Tools is:

- **CORUNDUM**
- **SILICON CARBIDE**
- **ZIRCONIUM**
- **CERAMIC GRAINS**

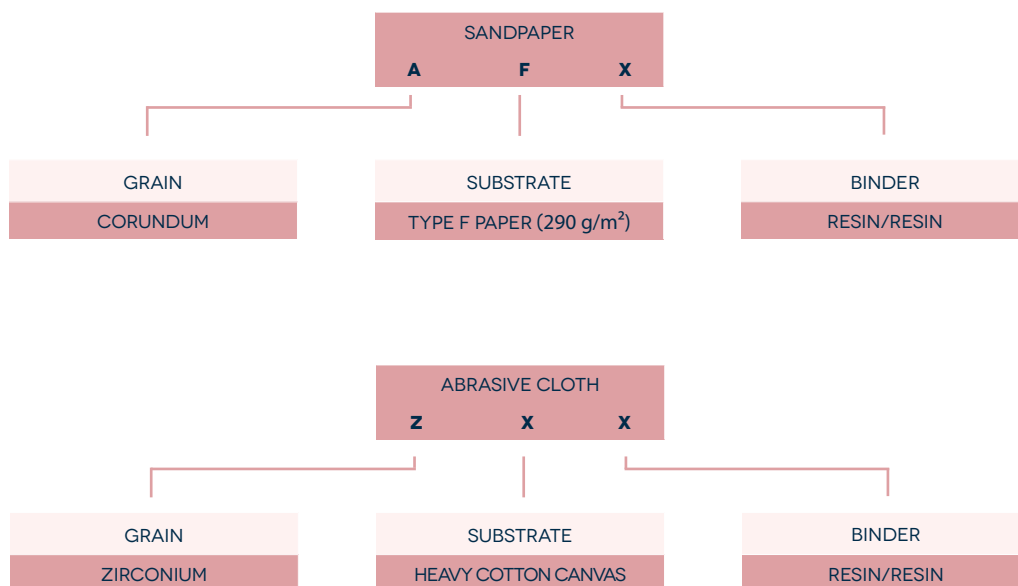
Type of coating is a significant factor that affects the quality of grinding.

• **Open coating** – where the surface of the abrasive is covered with a grains but there are also free spaces without coating. This type is mainly used for grinding pine wood (resin). It is characterized by higher resistance to taping (clogging) of the surface of the abrasive grain.

• **Half open coating** - a more concentrated version of the open coating containing much less free spaces which are not filled by the abrasive grains. It is mainly used to grinding of ferrous metals, hardwood and wood-like materials, as well as grinding of rubber and plastic products.

• **Closed coating** – in this type, substrate is completely coated by the abrasive grains. It is used for processing materials that do not „clog” abrasive material. It is applied mainly for grinding metal, hardwood and varnishes.

5. SAMPLE DETERMINATION OF COATED MATERIALS PRODUCED BY PENTAR



COATED ABRASIVE TOOLS

TYPE ACX WATERPROOF SANDPAPER SHEETS 230 X 280

APPLICATION



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



WOOD

USAGE



FOR
MANUAL USE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
RESIN/RESIN



PAPER 110 g/m2



No.	Type	Width [mm]	Lenght [mm]	Granulation	Catalogue Number	Package [units]
1	ACX	230	280	40	570151000	50
2	ACX	230	280	60	570151010	50
3	ACX	230	280	80	570151020	50
4	ACX	230	280	100	570151030	50
5	ACX	230	280	120	570151040	50
6	ACX	230	280	150	570151050	50
7	ACX	230	280	180	570151060	50
8	ACX	230	280	220	570151070	50
9	ACX	230	280	240	570151080	50
10	ACX	230	280	280	570151090	50
11	ACX	230	280	320	570151100	50
12	ACX	230	280	360	570151110	50
13	ACX	230	280	400	570151120	50
14	ACX	230	280	500	570151130	50
15	ACX	230	280	600	570151140	50
16	ACX	230	280	800	570151150	50
17	ACX	230	280	1000	570151160	50
18	ACX	230	280	1200	570151170	50
19	ACX	230	280	1500	570151180	50
20	ACX	230	280	2000	570151190	50

NOTE! IN ADDITION TO STANDARD SIZE WE CAN MAKE MATERIALS IN CUSTOM SHAPES FOR INDIVIDUAL ORDERS.

TYPE CCX

WATERPROOF
SANDPAPER SHEETS
230 X 280

APPLICATION



PAINTS, VARNISHES,
FILLERS



STONES



PLASTICS



CONCRETE



WOOD



GLASS

USAGE



FOR
MANUAL USE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



SILICON CARBIDE



BINDER
RESIN/RESIN



PAPER 110 g/m2



No.	Type	Width [mm]	Lenght [mm]	Granulation	Catalogue Number	Package [units]
1	CCX	230	280	40	570951000	50
2	CCX	230	280	60	570951010	50
3	CCX	230	280	80	570951020	50
4	CCX	230	280	100	570951030	50
5	CCX	230	280	120	570951040	50
6	CCX	230	280	150	570951050	50
7	CCX	230	280	180	570951060	50
8	CCX	230	280	220	570951070	50
9	CCX	230	280	240	570951080	50
10	CCX	230	280	280	570951090	50
11	CCX	230	280	320	570951100	50
12	CCX	230	280	360	570951110	50
13	CCX	230	280	400	570951120	50
14	CCX	230	280	500	570951130	50
15	CCX	230	280	600	570951140	50
16	CCX	230	280	800	570951150	50
17	CCX	230	280	1000	570951160	50
18	CCX	230	280	1200	570951170	50
19	CCX	230	280	1500	570951180	50
20	CCX	230	280	2000	570951190	50

NOTE! IN ADDITION TO STANDARD SIZE WE CAN MAKE MATERIALS IN CUSTOM SHAPES FOR INDIVIDUAL ORDERS.

COATED ABRASIVE TOOLS

TYPE ADR

SANDPAPER
SHEETS
230 X 280

APPLICATION



WOOD



STEEL



PAINTS, VARNISHES,
FILLERS



PLASTICS

USAGE



FOR
MANUAL USE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
GLUE/RESIN



PAPER 130 g/m2



No.	Type	Width [mm]	Lenght [mm]	Granulation	Catalogue Number	Package [units]
1	ADR	230	280	40	560151000	50
2	ADR	230	280	60	560151010	50
3	ADR	230	280	80	560151020	50
4	ADR	230	280	100	560151030	50
5	ADR	230	280	120	560151040	50
6	ADR	230	280	150	560151050	50
7	ADR	230	280	180	560151060	50
8	ADR	230	280	220	560151070	50
9	ADR	230	280	240	560151080	50
10	ADR	230	280	280	560151090	50
11	ADR	230	280	320	560151100	50
12	ADR	230	280	360	560151110	50
13	ADR	230	280	400	560151120	50

NOTE! FOR CONTRACTS WE MAKE STANDARD FORMATS AS SHOWN BELOW:

8 dedusting holes ø 10 [mm]	8 dedusting holes ø 10 [mm]	10 dedusting holes ø 10 [mm]	14 dedusting holes ø 10 [mm]
80x133 [mm]	-	-	-
93x180 [mm]	-	-	-
93x230 [mm]	93x230 [mm]	-	-
-	-	115x230 [mm]	-
115x280 [mm]	-	115x280 [mm]	115x280 [mm]

TYPE AER

SANDPAPER DISC
SELF-FASTENING
Ø 125

APPLICATION



STEEL



WOOD



PLASTICS



METALS



IRON CAST

USAGE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE

A

CORUNDUM

R

BINDER
GLUE/RESIN

E

PAPER 250 g/m²



No.	Type	Diameter [mm]	Granulation	Catalogue Number	Package [units]
1	AER	125	24	560153000	50
2	AER	125	30	560153010	50
3	AER	125	36	560153020	50
4	AER	125	40	560153030	50
5	AER	125	60	560153040	50
6	AER	125	80	560153050	50
7	AER	125	100	560153060	50
8	AER	125	120	560153070	50
9	AER	125	150	560153080	50
10	AER	125	180	560153090	50
11	AER	125	220	560153100	50
12	AER	125	240	560153110	50
13	AER	125	280	560153120	50
14	AER	125	320	560153130	50
15	AER	125	360	560153140	50
16	AER	125	400	560153150	50
17	AER	125	500	560153160	50
18	AER	125	600	560153170	50
19	AER	125	800	560153180	50
20	AER	125	1000	560153190	50
21	AER	125	1200	560153200	50

COATED ABRASIVE TOOLS

TYPE AEX

SANDPAPER DISC
SELF-FASTENING
Ø 125

APPLICATION



STEEL



WOOD



PLASTICS



METALS



IRON CAST

USAGE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE

A

CORUNDUM

X

BINDER
RESIN/RESIN

E

PAPER 250 g/m²



No.	Type	Diameter [mm]	Granulation	Catalogue Number	Package [units]
1	AEX	125	24	570153000	50
2	AEX	125	30	570153010	50
3	AEX	125	36	570153020	50
4	AEX	125	40	570153030	50
5	AEX	125	60	570153040	50
6	AEX	125	80	570153050	50
7	AEX	125	100	570153060	50
8	AEX	125	120	570153070	50
9	AEX	125	150	570153080	50
10	AEX	125	180	570153090	50
11	AEX	125	220	570153100	50
12	AEX	125	240	570153110	50
13	AEX	125	280	570153120	50
14	AEX	125	320	570153130	50
15	AEX	125	360	570153140	50
16	AEX	125	400	570153150	50
17	AEX	125	500	570153160	50
18	AEX	125	600	570153170	50
19	AEX	125	800	570153180	50
20	AEX	125	1000	570153190	50
21	AEX	125	1200	570153200	50

TYPE CEX

SANDPAPER DISC
SELF-FASTENING
Ø 125

APPLICATION



STONES



PLASTICS



CONCRETE

PAINTS, VARNISHES,
FILLERS

WOOD



GLASS

USAGE

FOR
HAND MACHINES

CHARACTERISTICS - TYPE

C

SILICON CARBIDE

XBINDER
RESIN/RESIN**E**PAPER 250 g/m²

No.	Type	Diameter	Granulation	Catalogue Number	Package [units]
1	CEX	125	24	570953000	50
2	CEX	125	30	570953010	50
3	CEX	125	36	570953020	50
4	CEX	125	40	570953030	50
5	CEX	125	60	570953040	50
6	CEX	125	80	570953050	50
7	CEX	125	100	570953060	50
8	CEX	125	120	570953070	50
9	CEX	125	150	570953080	50
10	CEX	125	180	570953090	50
11	CEX	125	220	570953100	50
12	CEX	125	240	570953110	50
13	CEX	125	280	570953120	50
14	CEX	125	320	570953130	50
15	CEX	125	360	570953140	50
16	CEX	125	400	570953150	50
17	CEX	125	500	570953160	50
18	CEX	125	600	570953170	50
19	CEX	125	800	570953180	50
20	CEX	125	1000	570953190	50
21	CEX	125	1200	570953200	50

COATED ABRASIVE TOOLS

TYPE AEX

SANDPAPER DISC
SELF-FASTENING
Ø 150

APPLICATION



STEEL



WOOD



PLASTICS



METALS



IRON CAST

USAGE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE

A

CORUNDUM

X

BINDER
RESIN/RESIN

E

PAPER 250 g/m²



No.	Type	Diameter	Granulation	Catalogue Number	Package [units]
1	AEX	150	24	570153210	50
2	AEX	150	30	570153220	50
3	AEX	150	36	570153230	50
4	AEX	150	40	570153240	50
5	AEX	150	60	570153250	50
6	AEX	150	80	570153260	50
7	AEX	150	100	570153270	50
8	AEX	150	120	570153280	50
9	AEX	150	150	570153290	50
10	AEX	150	180	570153300	50
11	AEX	150	220	570153310	50
12	AEX	150	240	570153320	50
13	AEX	150	280	570153330	50
14	AEX	150	320	570153340	50
15	AEX	150	360	570153350	50
16	AEX	150	400	570153360	50
17	AEX	150	500	570153370	50
18	AEX	150	600	570153380	50
19	AEX	150	800	570153390	50
20	AEX	150	1000	570153400	50
21	AEX	150	1200	570153410	50

COATED ABRASIVE TOOLS

NOTE! FOR INDIVIDUAL ORDERS WE MAKE DISCS WITH HOLES AS SHOWN BELOW.

Solid	6 dedusting holes	8 dedusting holes
		
ø 115 [mm]	-	ø 115 [mm]
ø 125 [mm]	-	ø 125 [mm]
ø 150 [mm]	ø 150 [mm]	ø 150 [mm]

8 + 1 dedusting holes	8 + 6 dedusting holes	8 + 8 + 1 dedusting holes
		
-	-	-
-	-	-
ø 150 [mm]	ø 150 [mm]	ø 150 [mm]



round hole



cross hole



radial hole

NOTE! BESIDES STANDARD SHAPES WE DO CUSTOM SHAPES FOR INDIVIDUAL ORDERS.

TYPE ADR

SANDPAPER
ROLLS
115

APPLICATION



WOOD



STEEL



PAINTS, VARNISHES,
FILLERS



GYPSUM PLASTERS



PLASTICS

USAGE



FOR
HAND MACHINES



FOR
MANUAL USE

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
GLUE/RESIN



PAPER 130 g/m²



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	ADR	115	50	24	560157000	1
2	ADR	115	50	30	560157010	1
3	ADR	115	50	36	560157020	1
4	ADR	115	50	40	560157030	1
5	ADR	115	50	60	560157040	1
6	ADR	115	50	80	560157050	1
7	ADR	115	50	100	560157060	1
8	ADR	115	50	120	560157070	1
9	ADR	115	50	150	560157080	1
10	ADR	115	50	180	560157090	1
11	ADR	115	50	220	560157100	1
12	ADR	115	50	240	560157110	1
13	ADR	115	50	280	560157120	1
14	ADR	115	50	320	560157130	1
15	ADR	115	50	360	560157140	1
16	ADR	115	50	400	560157150	1

TYPE AER

SANDPAPER
ROLLS
150

APPLICATION



WOOD



STEEL



PLASTICS



METALS



PAINTS, VARNISHES,
FILLER

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



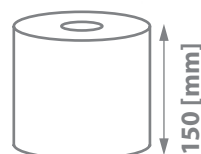
CORUNDUM



BINDER
GLUE/RESIN



PAPER 250 g/m2



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	AER	150	50	24	560157160	1
2	AER	150	50	30	560157170	1
3	AER	150	50	36	560157180	1
4	AER	150	50	40	560157190	1
5	AER	150	50	60	560157200	1
6	AER	150	50	80	560157210	1
7	AER	150	50	100	560157220	1
8	AER	150	50	120	560157230	1
9	AER	150	50	150	560157240	1
10	AER	150	50	180	560157250	1
11	AER	150	50	220	560157260	1
12	AER	150	50	240	560157270	1
13	AER	150	50	280	560157280	1
14	AER	150	50	320	560157290	1
15	AER	150	50	360	560157300	1
16	AER	150	50	400	560157310	1

COATED ABRASIVE TOOLS

TYPE AEX

SANDPAPER
ROLLS
150

APPLICATION



STEEL



WOOD



PLASTICS



IRON CAST



METALS

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



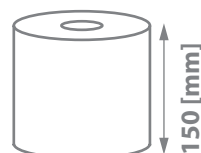
CORUNDUM



BINDER
RESIN/RESIN



PAPER 250 g/m²



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	AEX	150	50	24	570157000	1
2	AEX	150	50	30	570157010	1
3	AEX	150	50	36	570157020	1
4	AEX	150	50	40	570157030	1
5	AEX	150	50	60	570157040	1
6	AEX	150	50	80	570157050	1
7	AEX	150	50	100	570157060	1
8	AEX	150	50	120	570157070	1
9	AEX	150	50	150	570157080	1
10	AEX	150	50	180	570157090	1
11	AEX	150	50	220	570157100	1
12	AEX	150	50	240	570157110	1
13	AEX	150	50	280	570157120	1
14	AEX	150	50	320	570157130	1
15	AEX	150	50	360	570157140	1
16	AEX	150	50	400	570157150	1

TYPE CEX

SANDPAPER
ROLLS
200

APPLICATION



PARQUET



PAINTS, VARNISHES,
FILLERS



WOOD



CONCRETE



STONES



GLASS



PLASTICS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



SILICON CARBIDE



BINDER
RESIN/RESIN



PAPER 250 g/m²



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	CEX	200	50	24	570957000	1
2	CEX	200	50	30	570957010	1
3	CEX	200	50	36	570957020	1
4	CEX	200	50	40	570957030	1
5	CEX	200	50	60	570957040	1
6	CEX	200	50	80	570957050	1
7	CEX	200	50	100	570957060	1
8	CEX	200	50	120	570957070	1
9	CEX	200	50	150	570957080	1
10	CEX	200	50	180	570957090	1
11	CEX	200	50	220	570957100	1
12	CEX	200	50	240	570957110	1
13	CEX	200	50	280	570957120	1
14	CEX	200	50	320	570957130	1
15	CEX	200	50	360	570957140	1
16	CEX	200	50	400	570957150	1

COATED ABRASIVE TOOLS

TYPE AER

SANDPAPER
ROLLS
900

APPLICATION



WOOD



STEEL



PLASTICS



PAINTS, VARNISHES,
FILLERS

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



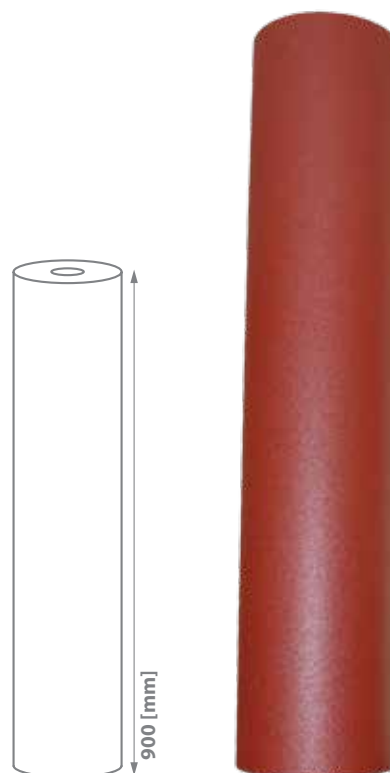
CORUNDUM



BINDER
GLUE/RESIN



PAPER 250 g/m²



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	AER	900	50	24	560157320	1
2	AER	900	50	30	560157330	1
3	AER	900	50	36	560157340	1
4	AER	900	50	40	560157350	1
5	AER	900	50	60	560157360	1
6	AER	900	50	80	560157370	1
7	AER	900	50	100	560157380	1
8	AER	900	50	120	560157390	1
9	AER	900	50	150	560157400	1
10	AER	900	50	180	560157410	1
11	AER	900	50	220	560157420	1
12	AER	900	50	240	560157430	1
13	AER	900	50	260	560157440	1
14	AER	900	50	280	560157450	1
15	AER	900	50	360	560157460	1
16	AER	900	50	400	560157470	1

TYPE AEX

SANDPAPER
ROLLS
900

APPLICATION



WOOD



PAINTS, VARNISHES,
FILLERS



STEEL



STEEL



PLASTICS



PARQUET

USAGE



FOR MECHANICAL
PROCESSING



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



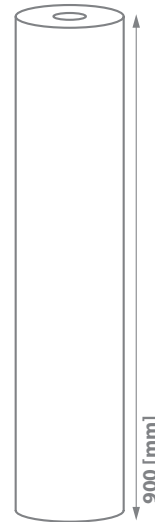
CORUNDUM



BINDER
RESIN/RESIN



PAPER 250 g/m2



No.	Type	Width [mm]	Lenght [mb]	Granulation	Catalogue Number	Package [units]
1	AEX	900	50	24	570157160	1
2	AEX	900	50	30	570157170	1
3	AEX	900	50	36	570157180	1
4	AEX	900	50	40	570157190	1
5	AEX	900	50	60	570157200	1
6	AEX	900	50	80	570157210	1
7	AEX	900	50	100	570157220	1
8	AEX	900	50	120	570157230	1
9	AEX	900	50	150	570157240	1
10	AEX	900	50	180	570157250	1
11	AEX	900	50	220	570157260	1
12	AEX	900	50	240	570157270	1
13	AEX	900	50	260	570157280	1
14	AEX	900	50	280	570157290	1
15	AEX	900	50	360	570157300	1
16	AEX	900	50	400	570157310	1

FOR INDIVIDUAL ORDERS WE MAKE BELTS BASED ON AEX PAPER WITH ACCORDANCE TO CUSTOMER SPECIFICATION.

THEY ARE USED IN A PROCESS OF GRINDING ONTO A SLOW TAPE WITH PRESSURE RATE OR CONTACT WHEEL. WE MAKE A WIDE RANGE OF DIMENSIONS ON DIFFERENT TYPES OF SUBSTRATES AND ABRASIVE GRAINS WHICH ARE WIDELY USED IN THE INDUSTRY.

COATED ABRASIVE TOOLS

TYPE KFA

FIBRE
DISCS
CORUNDUM

APPLICATION



STEEL



WOOD



PLASTICS



PAINTS, VARNISHES,
FILLERS

USAGE



FOR GRINDING



CHARACTERISTICS - TYPE



CORUNDUM



BINDER
RESIN/RESIN

No.	Type	Diameter [mm]	Hole [mm]	Granulation	Catalogue Number	Catalogue Number
1	KFA	115	22	16	570162000	25
2	KFA	115	22	24	570162010	25
3	KFA	115	22	36	570162020	25
4	KFA	115	22	40	570162030	25
5	KFA	115	22	60	570162040	25
6	KFA	115	22	80	570162050	25
7	KFA	115	22	100	570162060	25
8	KFA	115	22	120	570162070	25
9	KFA	125	22	16	570162080	25
10	KFA	125	22	24	570162090	25
11	KFA	125	22	36	570162100	25
12	KFA	125	22	40	570162110	25
13	KFA	125	22	60	570162120	25
14	KFA	125	22	80	570162130	25
15	KFA	125	22	100	570162140	25
16	KFA	125	22	120	570162150	25
17	KFA	180	22	16	570162160	25
18	KFA	180	22	24	570162170	25
19	KFA	180	22	36	570162180	25
20	KFA	180	22	40	570162190	25
21	KFA	180	22	60	570162200	25
22	KFA	180	22	80	570162210	25
23	KFA	180	22	100	570162220	25
24	KFA	180	22	120	570162230	25
25	KFA	235	22	16	570162240	25
26	KFA	235	22	24	570162250	25
27	KFA	235	22	36	570162260	25
28	KFA	235	22	40	570162270	25
29	KFA	235	22	60	570162280	25
30	KFA	235	22	80	570162290	25
31	KFA	235	22	100	570162300	25
32	KFA	235	22	120	570162310	25

TYPE KFZ

FIBRE
DISCS
ZIRCONIUM

APPLICATION



STAINLESS STEEL-
INOX



WOOD



STEEL



PAINTS, VARNISHES,
FILLERS

USAGE



FOR GRINDING

CHARACTERISTICS - TYPE



ZIRCONIUM



BINDER
RESIN/RESIN



No.	Type	Diameter [mm]	Hole [mm]	Granulation	Catalogue Number	Package [units]
1	KFZ	115	22	16	570562000	25
2	KFZ	115	22	24	570562010	25
3	KFZ	115	22	36	570562020	25
4	KFZ	115	22	40	570562030	25
5	KFZ	115	22	60	570562040	25
6	KFZ	115	22	80	570562050	25
7	KFZ	115	22	100	570562060	25
8	KFZ	115	22	120	570562070	25
9	KFZ	125	22	16	570562080	25
10	KFZ	125	22	24	570562090	25
11	KFZ	125	22	36	570562100	25
12	KFZ	125	22	40	570562110	25
13	KFZ	125	22	60	570562120	25
14	KFZ	125	22	80	570562130	25
15	KFZ	125	22	100	570562140	25
16	KFZ	125	22	120	570562150	25
17	KFZ	180	22	16	570562160	25
18	KFZ	180	22	24	570562170	25
19	KFZ	180	22	36	570562180	25
20	KFZ	180	22	40	570562190	25
21	KFZ	180	22	60	570562200	25
22	KFZ	180	22	80	570562210	25
23	KFZ	180	22	100	570562220	25
24	KFZ	180	22	120	570562230	25
25	KFZ	235	22	16	570562240	25
26	KFZ	235	22	24	570562250	25
27	KFZ	235	22	36	570562260	25
28	KFZ	235	22	40	570562270	25
29	KFZ	235	22	60	570562280	25
30	KFZ	235	22	80	570562290	25
31	KFZ	235	22	100	570562300	25
32	KFZ	235	22	120	570562310	25

COATED ABRASIVE TOOLS

TYPE AJR

CLOTH
SHEETS
230 X 280

APPLICATION



WOOD



NON-FERROUS
METALS



PLASTICS



ALUMINIUM



STEEL



IRON CAST



PAINTS, VARNISHES,
FILLERS

USAGE



FOR
HAND MACHINES



FOR MANUAL USE

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
GLUE/RESIN



LIGHT COTTON
CLOTH



No.	Type	Width [mm]	Length [mm]	Granulation	Catalogue Number	Package [units]
1	AJR	230	280	40	560171000	50
2	AJR	230	280	60	560171010	50
3	AJR	230	280	80	560171020	50
4	AJR	230	280	100	560171030	50
5	AJR	230	280	120	560171040	50
6	AJR	230	280	150	560171050	50
7	AJR	230	280	180	560171060	50
8	AJR	230	280	220	560171070	50
9	AJR	230	280	240	560171080	50
10	AJR	230	280	280	560171090	50
11	AJR	230	280	320	560171100	50
12	AJR	230	280	360	560171110	50
13	AJR	230	280	400	560171120	50

TYPE AXR

CLOTH
ROLLS
150

APPLICATION



WOOD



NON-FERROUS
METALS



PLASTICS



ALUMINIUM



STEEL



PAINTS, VARNISHES,
FILLERS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



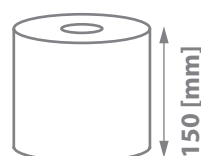
CORUNDUM



BINDER
GLUE/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	AXR	150	50	40	560177000	1
2	AXR	150	50	60	560177010	1
3	AXR	150	50	80	560177020	1
4	AXR	150	50	100	560177030	1
5	AXR	150	50	120	560177040	1
6	AXR	150	50	150	560177050	1
7	AXR	150	50	180	560177060	1
8	AXR	150	50	220	560177070	1
9	AXR	150	50	240	560177080	1
10	AXR	150	50	280	560177090	1
11	AXR	150	50	320	560177100	1
12	AXR	150	50	360	560177110	1
13	AXR	150	50	400	560177120	1

COATED ABRASIVE TOOLS

TYPE AXX

CLOTH
ROLLS
150

APPLICATION



WOOD



NON-FERROUS
METALS



PLASTICS



ALUMINIUM



STEEL



PAINTS, VARNISHES,
FILLERS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
RESIN/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	AXX	150	50	40	570177000	1
2	AXX	150	50	60	570177010	1
3	AXX	150	50	80	570177020	1
4	AXX	150	50	100	570177030	1
5	AXX	150	50	120	570177040	1
6	AXX	150	50	150	570177050	1
7	AXX	150	50	180	570177060	1
8	AXX	150	50	220	570177070	1
9	AXX	150	50	240	570177080	1
10	AXX	150	50	280	570177090	1
11	AXX	150	50	320	570177100	1
12	AXX	150	50	360	570177110	1
13	AXX	150	50	400	570177120	1

TYPE AXX

CLOTH
ROLLS
200

APPLICATION



PARQUET



IRON CAST



PAINTS, VARNISHES,
FILLERS



STEEL



WOOD



PLASTICS

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



CORUNDUM



BINDER
RESIN/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	AXX	200	50	16	570177130	1
2	AXX	200	50	24	570177140	1
3	AXX	200	50	30	570177150	1
4	AXX	200	50	36	570177160	1
5	AXX	200	50	40	570177170	1
6	AXX	200	50	60	570177180	1
7	AXX	200	50	80	570177190	1
8	AXX	200	50	100	570177200	1
9	AXX	200	50	120	570177210	1
10	AXX	200	50	150	570177220	1
11	AXX	200	50	180	570177230	1
12	AXX	200	50	220	570177240	1
13	AXX	200	50	240	570177250	1
14	AXX	200	50	280	570177260	1
15	AXX	200	50	320	570177270	1
16	AXX	200	50	360	570177280	1
17	AXX	200	50	400	570177290	1

COATED ABRASIVE TOOLS

TYPE CXX

CLOTH
ROLLS
200

APPLICATION



PARQUET



NON-FERROUS
METALS



WOOD



ALUMINIUM



STONES



PLASTICS



IRON CAST



GLASS

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



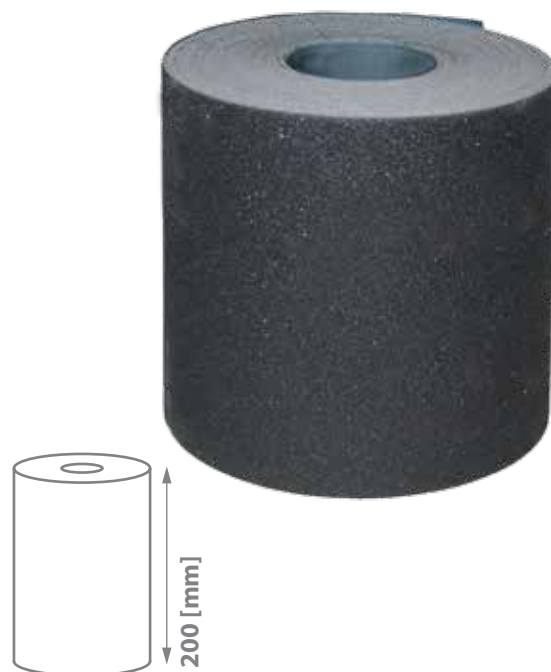
SILICONE CARBIDE



BINDER
RESIN/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	CXX	200	50	16	570977000	1
2	CXX	200	50	24	570977010	1
3	CXX	200	50	30	570977020	1
4	CXX	200	50	36	570977030	1
5	CXX	200	50	40	570977040	1
6	CXX	200	50	60	570977050	1
7	CXX	200	50	80	570977060	1
8	CXX	200	50	100	570977070	1
9	CXX	200	50	120	570977080	1
10	CXX	200	50	150	570977090	1
11	CXX	200	50	180	570977100	1
12	CXX	200	50	220	570977110	1
13	CXX	200	50	140	570977120	1
14	CXX	200	50	280	570977130	1
15	CXX	200	50	320	570977140	1
16	CXX	200	50	360	570977150	1
17	CXX	200	50	400	570977160	1

TYPE ZXX

CLOTH
ROLLS
200

APPLICATION



PARQUET



NON-FERROUS
METALS



WOOD



ALUMINIUM



STEEL



PLASTICS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



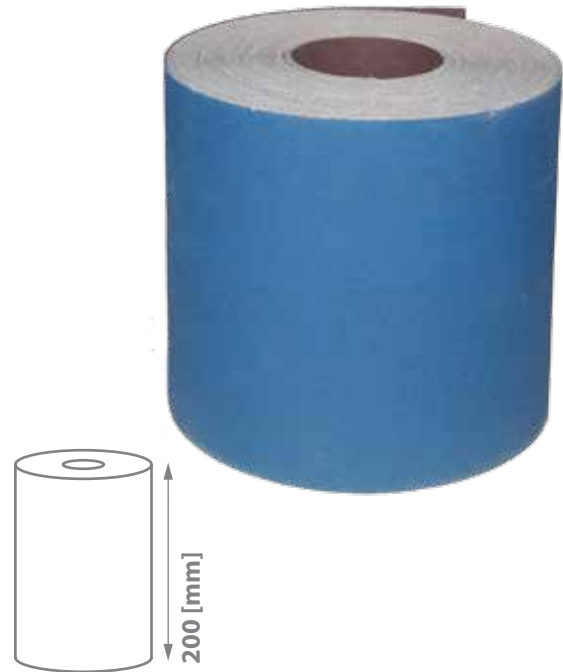
ZIRCONIUM



BINDER
RESIN/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	ZXX	200	50	16	570577000	1
2	ZXX	200	50	24	570577010	1
3	ZXX	200	50	30	570577020	1
4	ZXX	200	50	36	570577030	1
5	ZXX	200	50	40	570577040	1
6	ZXX	200	50	60	570577050	1
7	ZXX	200	50	80	570577060	1
8	ZXX	200	50	100	570577070	1
9	ZXX	200	50	120	570577080	1

COATED ABRASIVE TOOLS

TYPE AXR

CLOTH
ROLLS
900

APPLICATION



WOOD



NON-FERROUS
METALS



PLASTICS



ALUMINIUM



STEEL



PAINTS, VARNISHES,
FILLERS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



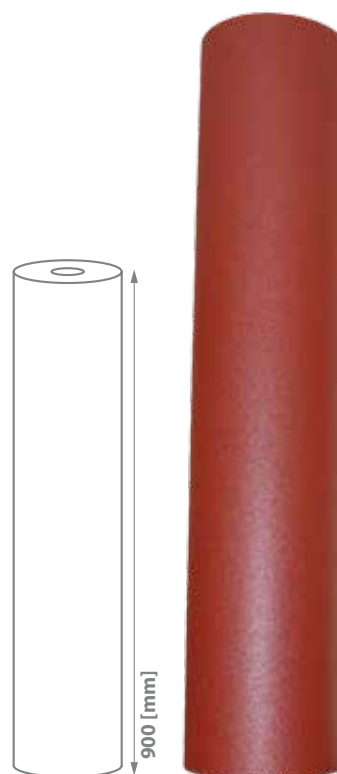
CORUNDUM



BINDER
GLUE/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	AXR	900	50	24	560177130	1
2	AXR	900	50	30	560177140	1
3	AXR	900	50	36	560177150	1
4	AXR	900	50	40	560177160	1
5	AXR	900	50	60	560177170	1
6	AXR	900	50	80	560177180	1
7	AXR	900	50	100	560177190	1
8	AXR	900	50	120	560177200	1
9	AXR	900	50	150	560177210	1
10	AXR	900	50	180	560177220	1
11	AXR	900	50	220	560177230	1
12	AXR	900	50	240	560177240	1
13	AXR	900	50	280	560177250	1
14	AXR	900	50	320	560177260	1
15	AXR	900	50	360	560177270	1
16	AXR	900	50	400	560177280	1

TYPE AXX

CLOTH
ROLLS
900

APPLICATION



WOOD



NON-FERROUS
METALS



PLASTICS



ALUMINIUM



STEEL



PAINTS, VARNISHES,
FILLERS



IRON CAST

USAGE



FOR
HAND MACHINES



FOR MECHANICAL
PROCESSING

CHARACTERISTICS - TYPE



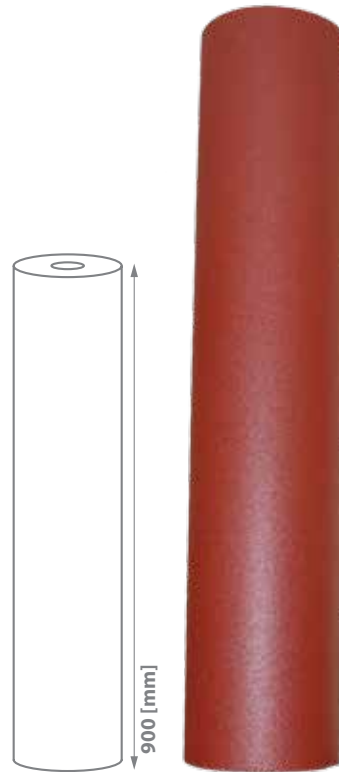
CORUNDUM



BINDER
RESIN/RESIN



HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mb]	Granulation	Catalogue Number	Package [units]
1	AXX	900	50	24	570177300	1
2	AXX	900	50	30	570177310	1
3	AXX	900	50	36	570177320	1
4	AXX	900	50	40	570177330	1
5	AXX	900	50	60	570177340	1
6	AXX	900	50	80	570177350	1
7	AXX	900	50	100	570177360	1
8	AXX	900	50	120	570177370	1
9	AXX	900	50	150	570177380	1
10	AXX	900	50	180	570177390	1
11	AXX	900	50	220	570177400	1
12	AXX	900	50	240	570177410	1
13	AXX	900	50	280	570177420	1
14	AXX	900	50	320	570177430	1
15	AXX	900	50	360	570177440	1
16	AXX	900	50	400	570177450	1

FOR INDIVIDUAL ORDERS WE MAKE BELTS BASED ON AXX CLOTH WITH ACCORDANCE TO CUSTOMER SPECIFICATION.

THEY ARE USED IN A PROCESS OF GRINDING ONTO A SLOW TAPE WITH PRESSURE RATE OR CONTACT WHEEL. WE MAKE A WIDE RANGE OF DIMENSIONS ON DIFFERENT TYPES OF SUBSTRATES AND ABRASIVE GRAINS WHICH ARE WIDELY USED IN THE INDUSTRY.

COATED ABRASIVE TOOLS

TYPE AXX

CLOTH
BELTS
75 X 457

APPLICATION



STEEL



PARQUET



PAINTS, VARNISHES,
FILLERS



ALUMINIUM



WOOD



NON-FERROUS
METALS



PLASTICS



IRON CAST



USAGE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



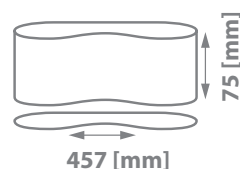
CORUNDUM



BINDER
RESIN/RESIN



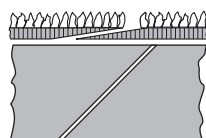
HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mm]	Granulation	Catalogue Number	Package [units]
1	AXX	75	457	24	570178000	1
2	AXX	75	457	30	570178010	1
3	AXX	75	457	36	570178020	1
4	AXX	75	457	40	570178030	1
5	AXX	75	457	60	570178040	1
6	AXX	75	457	80	570178050	1
7	AXX	75	457	100	570178060	1
8	AXX	75	457	120	570178070	1
9	AXX	75	457	150	570178080	1
10	AXX	75	457	180	570178090	1
11	AXX	75	457	220	570178100	1
12	AXX	75	457	240	570178110	1
13	AXX	75	457	280	570178120	1
14	AXX	75	457	320	570178130	1
15	AXX	75	457	360	570178140	1
16	AXX	75	457	400	570178150	1

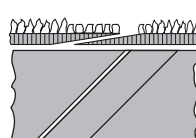
BELT CONNECTION TYPES

TYPE 1



CONNECTION: DIAGONAL, OVERLAPPED,
GLUED. STANDARD CONNECTION.
IT IS USED WHERE THERE ARE NO SPECIAL
REQUIREMENTS.

TYPE 2



CONNECTION: DIAGONAL,
OVERLAPPED, GLUED WITH
WITH GRINDED GRAIN
VERTICES. THIS TYPE PROVIDES
SMOOTHER BELT MOVING WHEN
GRINDING SENSITIVE ELEMENTS.

TYPE AXX

CLOTH
BELTS
75 X 533

APPLICATION



STEEL



PARQUET



PAINTS, VARNISHES,
FILLERS



ALUMINIUM



WOOD



NON-FERROUS
METALS



PLASTICS



IRON CAST



USAGE



FOR
HAND MACHINES

CHARACTERISTICS - TYPE



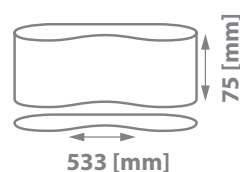
CORUNDUM



BINDER
RESIN/RESIN



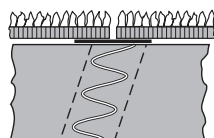
HEAVY COTTON
CLOTH



No.	Type	Width [mm]	Length [mm]	Granulation	Catalogue Number	Package [units]
1	AXX	75	533	24	570178160	1
2	AXX	75	533	30	570178170	1
3	AXX	75	533	36	570178180	1
4	AXX	75	533	40	570178190	1
5	AXX	75	533	60	570178200	1
6	AXX	75	533	80	570178210	1
7	AXX	75	533	100	570178220	1
8	AXX	75	533	120	570178230	1
9	AXX	75	533	150	570178240	1
10	AXX	75	533	180	570178250	1
11	AXX	75	533	220	570178260	1
12	AXX	75	533	240	570178270	1
13	AXX	75	533	280	570178280	1
14	AXX	75	533	320	570178290	1
15	AXX	75	533	360	570178300	1
16	AXX	75	533	400	570178310	1

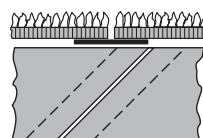
BELT CONNECTION TYPES.

TYPE 3



JOINT BACKED WITH FOIL.
PROVIDES SMOOTH RUNNING OF THE BELT: USED
FOR MACHINING FRAGILE ITEMS, MAINLY GLASS.
TYPE 3 G
ZIGZAG JOINT BACKED WITH CLOTH.
PROVIDES SMOOTH RUNNING OF THE BELT:
USED FOR MACHINING FRAGILE ITEMS WHICH
MEET HIGH DEMANDS.

TYPE 4



CONNECTION: DIAGONAL, JOINT,
BACKED WITH CLOTH. SUITABLE FOR
WORK WITH SLOW TAPE FOR MACHINING
WHICH MEET HIGH DEMANDS.
TYPE 4 W
SPECIAL CONNECTION FOR BELTS MADE
OF NON-WOVEN MATERIALS. JOINT
CONNECTION BACKED WITH FOIL WITH
ADDITIONAL ADHESIVE ON THE FRONT.

COATED ABRASIVE TOOLS

TYPE AXX

CLOTH
BELTS
100 X 610

APPLICATION



STEEL



PARQUET



PAINTS, VARNISHES,
FILLERS



ALUMINIUM



WOOD



NON-FERROUS
METALS



PLASTICS



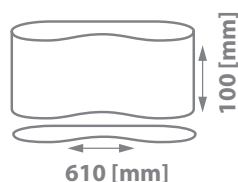
IRON CAST



USAGE



FOR
HAND MACHINES



CHARACTERISTICS - TYPE

A

CORUNDUM

X

BINDER
RESIN/RESIN

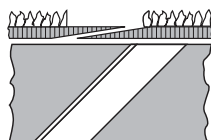
X

HEAVY COTTON
CLOTH

No.	Type	Width [mm]	Length [mm]	Granulation	Catalogue Number	Package [units]
1	AXX	100	610	24	570178320	1
2	AXX	100	610	30	570178330	1
3	AXX	100	610	36	570178340	1
4	AXX	100	610	40	570178350	1
5	AXX	100	610	60	570178360	1
6	AXX	100	610	80	570178370	1
7	AXX	100	610	100	570178380	1
8	AXX	100	610	120	570178390	1
9	AXX	100	610	150	570178400	1
10	AXX	100	610	180	570178410	1
11	AXX	100	610	220	570178420	1
12	AXX	100	610	240	570178430	1
13	AXX	100	610	280	570178440	1
14	AXX	100	610	320	570178450	1
15	AXX	100	610	360	570178460	1
16	AXX	100	610	400	570178470	1

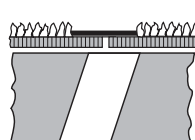
BELT CONNECTION TYPES.

TYPE 5



CONNECTION: DIAGONAL, OVERLAPPED,
GLUED. AT THE PLACE OF CONNECTION
GRAINS ARE FULLY GROUND. THIS TYPE
IS PREFERRED IN WOOD PROCESSING.

TYPE 6



CONNECTION: DIAGONAL, JOINT,
BACKED WITH FOIL ON THE GRAIN
SIDE. AT THE PLACE OF CONNECTION
GRAINS ARE FULLY GROUND.
THIS TYPE IS USED FOR PROFILE
AND CHIPBOARD SANDING.

TYPE LA 27

FLAP DISCS
FLAT
CORUNDUM

APPLICATION



STEEL



PLASTICS



IRON CAST



PARQUET



PAINTS, VARNISHES,
FILLER



ALUMINIUM



WOOD



NON-FERROUS
METALS



LEATHER

USAGE



FOR GRINDING

CHARACTERISTICS



CORUNDUM



BINDER
RESIN/RESIN



FLAT



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	570143000	10
2	27 - 115 x 22	60	13 300	570143010	10
3	27 - 115 x 22	80	13 300	570143020	10
4	27 - 115 x 22	100	13 300	570143030	10
5	27 - 115 x 22	120	13 300	570143040	10
6	27 - 125 x 22	40	12 200	570143050	10
7	27 - 125 x 22	60	12 250	570143060	10
8	27 - 125 x 22	80	12 250	570143070	10
9	27 - 125 x 22	100	12 250	570143080	10
10	27 - 125 x 22	120	12 250	570143090	10
11	27 - 150 x 22	40	10 200	570143100	10
12	27 - 150 x 22	60	10 200	570143110	10
13	27 - 150 x 22	80	10 200	570143120	10
14	27 - 150 x 22	100	10 200	570143130	10
15	27 - 150 x 22	120	10 200	570143140	10
16	27 - 180 x 22	40	8 500	570143150	10
17	27 - 180 x 22	60	8 500	570143160	10
18	27 - 180 x 22	80	8 500	570143170	10
19	27 - 180 x 22	100	8 500	570143180	10
20	27 - 180 x 22	120	8 500	570143190	10

COATED ABRASIVE TOOLS

TYPE LA 29 FLAP DISCS CONICAL CORUNDUM

APPLICATION



STEEL



PLASTICS



IRON CAST



PARQUET



PAINTS, VARNISHES,
FILLERS



ALUMINIUM



WOOD



NON-FERROUS
METALS



LEATHER

USAGE



FOR GRINDING

CHARACTERISTICS



CORUNDUM



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	570145000	10
2	29 - 115 x 22	60	13 300	570145010	10
3	29 - 115 x 22	80	13 300	570145020	10
4	29 - 115 x 22	100	13 300	570145030	10
5	29 - 115 x 22	120	13 300	570145040	10
6	29 - 125 x 22	40	12 250	570145050	10
7	29 - 125 x 22	60	12 250	570145060	10
8	29 - 125 x 22	80	12 250	570145070	10
9	29 - 125 x 22	100	12 250	570145080	10
10	29 - 125 x 22	120	12 250	570145090	10
11	29 - 150 x 22	40	10 200	570145100	10
12	29 - 150 x 22	60	10 200	570145110	10
13	29 - 150 x 22	80	10 200	570145120	10
14	29 - 150 x 22	100	10 200	570145130	10
15	29 - 150 x 22	120	10 200	570145140	10
16	29 - 180 x 22	40	8 500	570145150	10
17	29 - 180 x 22	60	8 500	570145160	10
18	29 - 180 x 22	80	8 500	570145170	10
19	29 - 180 x 22	100	8 500	570145180	10
20	29 - 180 x 22	120	8 500	570145190	10

TYPE LZ 27

FLAP DISCS
FLAT
ZIRCONIUM

APPLICATION



STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING
OPERATIONS

CHARACTERISTICS



ZIRCONIUM



BINDER
RESIN/RESIN



FLAT



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	570543000	10
2	27 - 115 x 22	60	13 300	570543010	10
3	27 - 115 x 22	80	13 300	570543020	10
4	27 - 115 x 22	100	13 300	570543030	10
5	27 - 115 x 22	120	13 300	570543040	10
6	27 - 125 x 22	40	12 250	570543050	10
7	27 - 125 x 22	60	12 250	570543060	10
8	27 - 125 x 22	80	12 250	570543070	10
9	27 - 125 x 22	100	12 250	570543080	10
10	27 - 125 x 22	120	12 250	570543090	10
11	27 - 150 x 22	40	10 200	570543100	10
12	27 - 150 x 22	60	10 200	570543110	10
13	27 - 150 x 22	80	10 200	570543120	10
14	27 - 150 x 22	100	10 200	570543130	10
15	27 - 150 x 22	120	10 200	570543140	10
16	27 - 180 x 22	40	8 500	570543150	10
17	27 - 180 x 22	60	8 500	570543160	10
18	27 - 180 x 22	80	8 500	570543170	10
19	27 - 180 x 22	100	8 500	570543180	10
20	27 - 180 x 22	120	8 500	570543190	10

COATED ABRASIVE TOOLS

TYPE LZ 29 FLAP DISCS CONICAL ZIRCONIUM

APPLICATION



INOX
STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING

CHARACTERISTICS



ZIRCONIUM



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	570545000	10
2	29 - 115 x 22	60	13 300	570545010	10
3	29 - 115 x 22	80	13 300	570545020	10
4	29 - 115 x 22	100	13 300	570545030	10
5	29 - 115 x 22	120	13 300	570545040	10
6	29 - 125 x 22	40	12 250	570545050	10
7	29 - 125 x 22	60	12 250	570545060	10
8	29 - 125 x 22	80	12 250	570545070	10
9	29 - 125 x 22	100	12 250	570545080	10
10	29 - 125 x 22	120	12 250	570545090	10
11	29 - 150 x 22	40	10 200	570545100	10
12	29 - 150 x 22	60	10 200	570545110	10
13	29 - 150 x 22	80	10 200	570545120	10
14	29 - 150 x 22	100	10 200	570545130	10
15	29 - 150 x 22	120	10 200	570545140	10
16	29 - 180 x 22	40	8 500	570545150	10
17	29 - 180 x 22	60	8 500	570545160	10
18	29 - 180 x 22	80	8 500	570545170	10
19	29 - 180 x 22	100	8 500	570545180	10
20	29 - 180 x 22	120	8 500	570545190	10

TYPE LV 27

FLAP DISCS
FLAT
CERAMIC ALUMINA

APPLICATION



STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING

CHARACTERISTICS



CERAMIC
ALUMINA



BINDER
RESIN/RESIN



FLAT



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	571343000	10
2	27 - 115 x 22	60	13 300	571343010	10
3	27 - 115 x 22	80	13 300	571343020	10
4	27 - 115 x 22	100	13 300	571343030	10
5	27 - 115 x 22	120	13 300	571343040	10
6	27 - 125 x 22	40	12 250	571343050	10
7	27 - 125 x 22	60	12 250	571343060	10
8	27 - 125 x 22	80	12 250	571343070	10
9	27 - 125 x 22	100	12 250	571343080	10
10	27 - 125 x 22	120	12 250	571343090	10
11	27 - 150 x 22	40	10 200	571343100	10
12	27 - 150 x 22	60	10 200	571343110	10
13	27 - 150 x 22	80	10 200	571343120	10
14	27 - 150 x 22	100	10 200	571343130	10
15	27 - 150 x 22	120	10 200	571343140	10
16	27 - 180 x 22	40	8 500	571343150	10
17	27 - 180 x 22	60	8 500	571343160	10
18	27 - 180 x 22	80	8 500	571343170	10
19	27 - 180 x 22	100	8 500	571343180	10
20	27 - 180 x 22	120	8 500	571343190	10

COATED ABRASIVE TOOLS

TYPE LV 29 FLAP DISCS CONICAL CERAMIC ALUMINA

APPLICATION



STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING

CHARACTERISTICS



CERAMIC
ALUMINA



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	571345000	10
2	29 - 115 x 22	60	13 300	571345010	10
3	29 - 115 x 22	80	13 300	571345020	10
4	29 - 115 x 22	100	13 300	571345030	10
5	29 - 115 x 22	120	13 300	571345040	10
6	29 - 125 x 22	40	12 250	571345050	10
7	29 - 125 x 22	60	12 250	571345060	10
8	29 - 125 x 22	80	12 250	571345070	10
9	29 - 125 x 22	100	12 250	571345080	10
10	29 - 125 x 22	120	12 250	571345090	10
11	29 - 150 x 22	40	10 200	571345100	10
12	29 - 150 x 22	60	10 200	571345110	10
13	29 - 150 x 22	80	10 200	571345120	10
14	29 - 150 x 22	100	10 200	571345130	10
15	29 - 150 x 22	120	10 200	571345140	10
16	29 - 180 x 22	40	8 500	571345150	10
17	29 - 180 x 22	60	8 500	571345160	10
18	29 - 180 x 22	80	8 500	571345170	10
19	29 - 180 x 22	100	8 500	571345180	10
20	29 - 180 x 22	120	8 500	571345190	10

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LA-3E 27

FLAP DISCS
FLAT
CORUNDUM

APPLICATION



STEEL



PLASTICS



IRON CAST



PARQUET



PAINTS, VARNISHES,
FILLER



ALUMINIUM



WOOD



NON-FERROUS
METALS



LEATHER

USAGE



FOR GRINDING

CHARACTERISTICS



CORUNDUM



BINDER
RESIN/RESIN



FLAT



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	570143200	10
2	27 - 115 x 22	60	13 300	570143210	10
3	27 - 115 x 22	80	13 300	570143220	10
4	27 - 115 x 22	100	13 300	570143230	10
5	27 - 115 x 22	120	13 300	570143240	10
6	27 - 125 x 22	40	12 200	570143250	10
7	27 - 125 x 22	60	12 250	570143260	10
8	27 - 125 x 22	80	12 250	570143270	10
9	27 - 125 x 22	100	12 250	570143280	10
10	27 - 125 x 22	120	12 250	570143290	10
11	27 - 150 x 22	40	10 200	570143300	10
12	27 - 150 x 22	60	10 200	570143310	10
13	27 - 150 x 22	80	10 200	570143320	10
14	27 - 150 x 22	100	10 200	570143330	10
15	27 - 150 x 22	120	10 200	570143340	10
16	27 - 180 x 22	40	8 500	570143350	10
17	27 - 180 x 22	60	8 500	570143360	10
18	27 - 180 x 22	80	8 500	570143370	10
19	27 - 180 x 22	100	8 500	570143380	10
20	27 - 180 x 22	120	8 500	570143390	10

COATED ABRASIVE TOOLS

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LA-3E 29

FLAP DISCS
CONICAL
CORUNDUM

APPLICATION



STEEL



PLASTICS



IRON CAST



PARQUET



PAINTS, VARNISHES,
FILLERS



ALUMINIUM



WOOD



NON-FERROUS
METALS



LEATHER

USAGE



FOR GRINDING

CHARACTERISTICS



CORUNDUM



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	570145200	10
2	29 - 115 x 22	60	13 300	570145210	10
3	29 - 115 x 22	80	13 300	570145220	10
4	29 - 115 x 22	100	13 300	570145230	10
5	29 - 115 x 22	120	13 300	570145240	10
6	29 - 125 x 22	40	12 250	570145250	10
7	29 - 125 x 22	60	12 250	570145260	10
8	29 - 125 x 22	80	12 250	570145270	10
9	29 - 125 x 22	100	12 250	570145280	10
10	29 - 125 x 22	120	12 250	570145290	10
11	29 - 150 x 22	40	10 200	570145300	10
12	29 - 150 x 22	60	10 200	570145310	10
13	29 - 150 x 22	80	10 200	570145320	10
14	29 - 150 x 22	100	10 200	570145330	10
15	29 - 150 x 22	120	10 200	570145340	10
16	29 - 180 x 22	40	8 500	570145350	10
17	29 - 180 x 22	60	8 500	570145360	10
18	29 - 180 x 22	80	8 500	570145370	10
19	29 - 180 x 22	100	8 500	570145380	10
20	29 - 180 x 22	120	8 500	570145390	10

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LZ-3E 27

FLAP DISCS
FLAT
ZIRCONIUM

APPLICATION



STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING
OPERATIONS

CHARACTERISTICS



ZIRCONIUM



BINDER
RESIN/RESIN



FLAT



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	570543200	10
2	27 - 115 x 22	60	13 300	570543210	10
3	27 - 115 x 22	80	13 300	570543220	10
4	27 - 115 x 22	100	13 300	570543230	10
5	27 - 115 x 22	120	13 300	570543240	10
6	27 - 125 x 22	40	12 250	570543250	10
7	27 - 125 x 22	60	12 250	570543260	10
8	27 - 125 x 22	80	12 250	570543270	10
9	27 - 125 x 22	100	12 250	570543280	10
10	27 - 125 x 22	120	12 250	570543290	10
11	27 - 150 x 22	40	10 200	570543300	10
12	27 - 150 x 22	60	10 200	570543310	10
13	27 - 150 x 22	80	10 200	570543320	10
14	27 - 150 x 22	100	10 200	570543330	10
15	27 - 150 x 22	120	10 200	570543340	10
16	27 - 180 x 22	40	8 500	570543350	10
17	27 - 180 x 22	60	8 500	570543360	10
18	27 - 180 x 22	80	8 500	570543370	10
19	27 - 180 x 22	100	8 500	570543380	10
20	27 - 180 x 22	120	8 500	570543390	10

COATED ABRASIVE TOOLS

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LZ-3E 29

FLAP DISCS
CONICAL
ZIRCONIUM

APPLICATION



INOX
STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING

CHARACTERISTICS



ZIRCONIUM



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	570545200	10
2	29 - 115 x 22	60	13 300	570545210	10
3	29 - 115 x 22	80	13 300	570545220	10
4	29 - 115 x 22	100	13 300	570545230	10
5	29 - 115 x 22	120	13 300	570545240	10
6	29 - 125 x 22	40	12 250	570545250	10
7	29 - 125 x 22	60	12 250	570545260	10
8	29 - 125 x 22	80	12 250	570545270	10
9	29 - 125 x 22	100	12 250	570545280	10
10	29 - 125 x 22	120	12 250	570545290	10
11	29 - 150 x 22	40	10 200	570545300	10
12	29 - 150 x 22	60	10 200	570545310	10
13	29 - 150 x 22	80	10 200	570545320	10
14	29 - 150 x 22	100	10 200	570545330	10
15	29 - 150 x 22	120	10 200	570545340	10
16	29 - 180 x 22	40	8 500	570545350	10
17	29 - 180 x 22	60	8 500	570545360	10
18	29 - 180 x 22	80	8 500	570545370	10
19	29 - 180 x 22	100	8 500	570545380	10
20	29 - 180 x 22	120	8 500	570545390	10

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LV-3E 27

FLAP DISCS
FLAT
CERAMIC ALUMINA

APPLICATION

 STAINLESS STEEL-INOX	 PAINTS, VARNISHES, FILLERS
 STEEL	 PLASTICS
 IRON CAST	 PARQUET
 WOOD	 ALUMINIUM
 LEATHER	 NON-FERROUS METALS

USAGE

	FOR GRINDING
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CHARACTERISTICS

V	CERAMIC ALUMINA	X	BINDER RESIN/RESIN
SHAPE	FLAT		



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	27 - 115 x 22	40	13 300	571343200	10
2	27 - 115 x 22	60	13 300	571343210	10
3	27 - 115 x 22	80	13 300	571343220	10
4	27 - 115 x 22	100	13 300	571343230	10
5	27 - 115 x 22	120	13 300	571343240	10
6	27 - 125 x 22	40	12 250	571343250	10
7	27 - 125 x 22	60	12 250	571343260	10
8	27 - 125 x 22	80	12 250	571343270	10
9	27 - 125 x 22	100	12 250	571343280	10
10	27 - 125 x 22	120	12 250	571343290	10
11	27 - 150 x 22	40	10 200	571343300	10
12	27 - 150 x 22	60	10 200	571343310	10
13	27 - 150 x 22	80	10 200	571343320	10
14	27 - 150 x 22	100	10 200	571343330	10
15	27 - 150 x 22	120	10 200	571343340	10
16	27 - 180 x 22	40	8 500	571343350	10
17	27 - 180 x 22	60	8 500	571343360	10
18	27 - 180 x 22	80	8 500	571343370	10
19	27 - 180 x 22	100	8 500	571343380	10
20	27 - 180 x 22	120	8 500	571343390	10

COATED ABRASIVE TOOLS

NEW – PATENT - description on page nbr 121

3E ECOLOGY
ECONOMY
EFFICIENCY

TYPE LV-3E 29

FLAP DISCS
CONICAL
CERAMIC ALUMINA

APPLICATION



STAINLESS STEEL-
INOX



PAINTS, VARNISHES,
FILLERS



STEEL



PLASTICS



IRON CAST



PARQUET



WOOD



ALUMINIUM



LEATHER



NON-FERROUS
METALS

USAGE



FOR GRINDING

CHARACTERISTICS



CERAMIC
ALUMINA



BINDER
RESIN/RESIN



CONICAL



No.	Type - Dimension (diameter x hole) [mm]	Granulation	Maximum R.P.M [1/min]	Catalogue Number	Package [units]
1	29 - 115 x 22	40	13 300	571345200	10
2	29 - 115 x 22	60	13 300	571345210	10
3	29 - 115 x 22	80	13 300	571345220	10
4	29 - 115 x 22	100	13 300	571345230	10
5	29 - 115 x 22	120	13 300	571345240	10
6	29 - 125 x 22	40	12 250	571345250	10
7	29 - 125 x 22	60	12 250	571345260	10
8	29 - 125 x 22	80	12 250	571345270	10
9	29 - 125 x 22	100	12 250	571345280	10
10	29 - 125 x 22	120	12 250	571345290	10
11	29 - 150 x 22	40	10 200	571345300	10
12	29 - 150 x 22	60	10 200	571345310	10
13	29 - 150 x 22	80	10 200	571345320	10
14	29 - 150 x 22	100	10 200	571345330	10
15	29 - 150 x 22	120	10 200	571345340	10
16	29 - 180 x 22	40	8 500	571345350	10
17	29 - 180 x 22	60	8 500	571345360	10
18	29 - 180 x 22	80	8 500	571345370	10
19	29 - 180 x 22	100	8 500	571345380	10
20	29 - 180 x 22	120	8 500	571345390	10

TYPE CSX

ABRASIVE
MESH SHEETS
115 X 280

APPLICATION



GYPSUM PLASTERS



STONES



WOOD



PARQUET



PAINTS, VARNISHES,
FILLERS



PLASTICS



GLASS



USAGE



FOR
MANUAL USE

CHARACTERISTICS



SILICONE CARBIDE



BINDER
RESIN/RESIN



NET



No.	Width [mm]	Length [mm]	Granulation	Catalogue Number	Package [units]
1	115	280	40	570981000	50
2	115	280	60	570981010	50
3	115	280	80	570981020	50
4	115	280	100	570981030	50
5	115	280	120	570981040	50
6	115	280	150	570981050	50
7	115	280	180	570981060	50
8	115	280	220	570981070	50
9	115	280	240	570981080	50
10	115	280	320	570981090	50

*FOR INDIVIDUAL ORDERS WE CAN MAKE ANY FORM DESIGNED BY CUSTOMER.

ABRASIVE MESHES ARE DESIGNED TO ABRASE AND GRIND THE SURFACE OF GYPSUM, PLASTERBOARDS, SMOOTH, PLASTERS AND MANY OTHERS SOFT SURFACES. THEY ARE USED IN: CLEANING, POLISHING, ABRASION OF SHARP EDGES, REMOVAL OF SHARP PROTECTIVE LAYERS. THEIR ADVANTAGE IS THAT WHEN YOU ARE WORKING WITH SOFT SURFACES (PLASTER, WOOD, SOFT METALS) THEY WILL NOT BECOME CLOGGED. EXCESS OF DUST MAY BE EASILY REMOVED SO MATERIAL REMAINS USEFUL.

COATED ABRASIVE TOOLS

TYPE AWX

NON-WOVEN
SHEETS
120 X 280
150 X 200

APPLICATION



STEEL



PLASTICS



STAINLESS STEEL-
INOX



NON-FERROUS
METALS



PAINTS, VARNISHES,
FILLERS



WOOD



USAGE



FOR GRINDING
OPERATIONS

CHARACTERISTICS



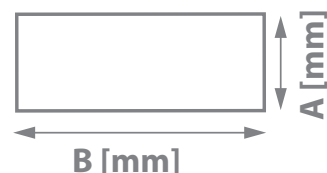
CORUNDUM



BINDER
RESIN/RESIN



NON-WOVEN



No.	Width A [mm]	Length B [mm]	Granulation	Catalogue Number	Package [units]
1	120	280	C (coarse) - granulation 80	570141000	10
2	120	280	M (medium) - granulation 100-120	570141010	10
3	120	280	F (fine) - granulation 180-220	570141020	10
4	120	280	VF (very fine) - granulation 280-320	570141030	10
5	120	280	SF (super fine) - granulation 360-400	570141040	10
6	120	280	UF (ultra fine) - granulation 500-600	570141050	10
7	120	280	MF (micro fine) - granulation 1000-1200	570141060	10

No.	Width A [mm]	Length B [mm]	Granulation	Catalogue Number	Package [units]
1	150	200	C (coarse) - granulation 80	570141070	10
2	150	200	M (medium) - granulation 100-120	570141080	10
3	150	200	F (fine) - granulation 180-220	570141090	10
4	150	200	VF (very fine) - granulation 280-320	570141100	10
5	150	200	SF (super fine) - granulation 360-400	570141110	10
6	150	200	UF (ultra fine) - granulation 500-600	570141120	10
7	150	200	MF (micro fine) - granulation 1000-1200	570141130	10

*FOR INDIVIDUAL ORDERS WE CAN MAKE ANY FORM DESIGNED BY CUSTOMER.

NON-WOVEN ABRASIVE IS USED IN FINISHING PROCESSING OF VARIOUS MATERIALS. ITS MAIN ADVANTAGE IS SPATIAL LOCATION OF ABRASIVE GRAINS AND FLEXIBLE STRUCTURE. THIS GIVES TOOLS RESILIENCE THAT LETS FOR AN EXACT MATCH TO THE SHAPE OF THE SURFACE AND ALLOWS TO GRIND WITHOUT OVERHEATING.

TYPE CWX

NON-WOVEN
SHEETS
120 X 280
150 X 200

APPLICATION



NON-FERROUS
METALS



GLASS



PAINTS, VARNISHES,
FILLERS



WOOD



PLASTICS



PARQUET



USAGE



FOR
MANUAL USE

CHARACTERISTICS



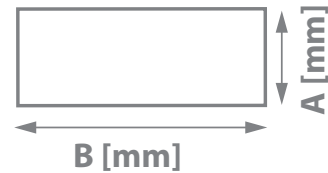
SILICONE CARBIDE



BINDER
RESIN/RESIN



NON-WOVEN



No.	Width A [mm]	Lenght B [mm]	Granulation	Catalogue Number	Package [units]
1	120	280	C (coarse) - granulation 80	570941000	10
2	120	280	M (medium) - granulation 100-120	570941010	10
3	120	280	F (fine) - granulation 180-220	570941020	10
4	120	280	VF (very fine) - granulation 280-320	570941030	10
5	120	280	SF (super fine) - granulation 360-400	570941040	10
6	120	280	UF (ultra fine) - granulation 500-600	570941050	10
7	120	280	MF (micro fine) - granulation 1000-1200	570941060	10

No.	Width A [mm]	Lenght B [mm]	Granulation	Catalogue Number	Package [units]
1	150	200	C (coarse) - granulation 80	570941070	10
2	150	200	M (medium) - granulation 100-120	570941080	10
3	150	200	F (fine) - granulation 180-220	570941090	10
4	150	200	VF (very fine) - granulation 280-320	570941100	10
5	150	200	SF (super fine) - granulation 360-400	570941110	10
6	150	200	UF (ultra fine) - granulation 500-600	570941120	10
7	150	200	MF (micro fine) - granulation 1000-1200	570941130	10

*FOR INDIVIDUAL ORDERS WE CAN MAKE ANY FORM DESIGNED BY CUSTOMER.

COATED ABRASIVE TOOLS

TYPE AWX

NON-WOVEN
ROLLS
115, 150

APPLICATION



STEEL



PLASTICS



STAINLESS STEEL -
INOX



PARQUET



NON-FERROUS
METALS



PAINTS, VARNISHES,
FILLERS



WOOD



USAGE



FOR GRINDING
OPERATION

CHARACTERISTICS



CORUNDUM



BINDER
RESIN/RESIN



NON-WOVEN



No.	Width A [mm]	Lenght [m]	Granulation	Catalogue Number	Package [units]
1	115	10	C (coarse) - granulation 80	570147000	10
2	115	10	M (medium) - granulation 100-120	570147010	10
3	115	10	F (fine) - granulation 180-220	570147020	10
4	115	10	VF (very fine) - granulation 280-320	570147030	10
5	115	10	SF (super fine) - granulation 360-400	570147040	10
6	115	10	UF (ultra fine) - granulation 500-600	570147050	10
7	115	10	MF (micro fine) - granulation 1000-1200	570147060	10

No.	Width A [mm]	Lenght [m]	Granulation	Catalogue Number	Package [units]
1	150	10	C (coarse) - granulation 80	570147070	10
2	150	10	M (medium) - granulation 100-120	570147080	10
3	150	10	F (fine) - granulation 180-220	570147090	10
4	150	10	VF (very fine) - granulation 280-320	570147100	10
5	150	10	SF (super fine) - granulation 360-400	570147110	10
6	150	10	UF (ultra fine) - granulation 500-600	570147120	10
7	150	10	MF (micro fine) - granulation 1000-1200	570147130	10

*FOR INDIVIDUAL ORDERS WE CAN MAKE DIFFERENT WIDTHS OF ROLLS. THEY COULD BE BACKED UP WITH VELOUR.

TYPE CWX

NON-WOVEN
ROLLS
115, 150

APPLICATION



NON-FERROUS
METALS



GLASS



PAINTS, VARNISHES,
FILLERS



WOOD



PLASTICS



PARQUET



USAGE



FOR
MANUAL USE

CHARACTERISTICS



SILICONE CARBIDE



BINDER
RESIN/RESIN



NON-WOVEN



No.	Width A [mm]	Lenght [m]	Granulation	Catalogue Number	Package [units]
1	115	10	C (coarse) - granulation 80	570947000	10
2	115	10	M (medium) - granulation 100-120	570947010	10
3	115	10	F (fine) - granulation 180-220	570947020	10
4	115	10	VF (very fine) - granulation 280-320	570947030	10
5	115	10	SF (super fine) - granulation 360-400	570947040	10
6	115	10	UF (ultra fine) - granulation 500-600	570947050	10
7	115	10	MF (micro fine) - granulation 1000-1200	570947060	10

No.	Width A [mm]	Lenght [m]	Granulation	Catalogue Number	Package [units]
1	150	10	C (coarse) - granulation 80	570947070	10
2	150	10	M (medium) - granulation 100-120	570947080	10
3	150	10	F (fine) - granulation 180-220	570947090	10
4	150	10	VF (very fine) - granulation 280-320	570947100	10
5	150	10	SF (super fine) - granulation 360-400	570947110	10
6	150	10	UF (ultra fine) - granulation 500-600	570947120	10
7	150	10	MF (micro fine) - granulation 1000-1200	570947130	10

*FOR INDIVIDUAL ORDERS WE CAN MAKE DIFFERENT WIDTHS OF ROLLS. THEY COULD BE BACKED UP WITH VELOUR.

COATED ABRASIVE TOOLS

TYPE CGMX

ABRASIVE
SPONGE
SOFT
120 X 98 X 13

APPLICATION



WOOD



PARQUET



PAINTS, VARNISHES,
FILLERS



PLASTICS



GLASS



STONES



USAGE



FOR
MANUAL USE

CHARACTERISTICS

C

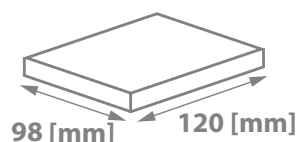
SILICONE CARBIDE

X

BINDER

GM

SOFT SPONGE



No.	Dimensions [mm]	Granulation	Catalogue Number	Package [units]
1	120 x 98 x 13	80	570931000	10
2	120 x 98 x 13	100	570931010	10
3	120 x 98 x 13	120	570931020	10
4	120 x 98 x 13	150	570931030	10
5	120 x 98 x 13	180	570931040	10
6	120 x 98 x 13	220	570931050	10
7	120 x 98 x 13	320	570931060	10

ABRASIVE SPONGES ARE DESIGNED FOR MANUAL PROCESSING OF WOOD PROFILES, PLASTERS, PLASTICS, ETC. THEIR ELASTIC STRUCTURE ALLOWS TO FIT THEM INTO THE SHAPE OF PROCESSED MATERIAL.

TYPE CGTX

ABRASIVE
SPONGE
HARD
98 X 70 X 26

APPLICATION



WOOD



PARQUET

PAINTS, VARNISHES,
FILLERS

PLASTICS



GLASS



STONES

USAGE

FOR
MANUAL USE

CHARACTERISTICS

C

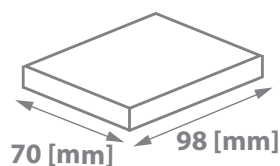
SILICONE CARBIDE

X

BINDER

GT

HARD SPONGE



No.	Dimensions [mm]	Granulation	Catalogue Number	Package [units]
1	98 x 70 x 26	80	570931070	10
2	98 x 70 x 26	100	570931080	10
3	98 x 70 x 26	120	570931090	10
4	98 x 70 x 26	150	570931100	10
5	98 x 70 x 26	180	570931110	10
6	98 x 70 x 26	220	570931120	10
7	98 x 70 x 26	320	570931130	10

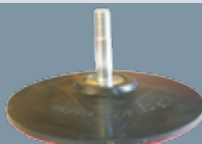
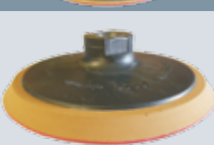
WE ALSO SELL ACCESSORIES FOR ATTACHING ABRASIVE TOOLS. THEY ARE DESIGNED FOR VARIOUS TYPES OF EQUIPMENT USED FOR MANUAL AND MECHANICAL PROCESSING.

WITHIN THE SERVICE WE PROVIDE PROFESSIONAL PERSONAL PROTECTIVE EQUIPMENT.



ACCESSORIES – SERVICE

POLISHING DISCS

No.	Name		Diameter [mm]	Catalogue Number	Package [units]
1	ADAPTER - RUBBER		125	91000	1
2	VELCRO		125	91001	1
3	EURO ANGULAR VELCRO		115	91002	1
			125	91003	1
			150	91004	1
4	EURO STUD		115	91005	1
			125	91006	1
			150	91007	1
5	MULTI		115	91008	1
			125	91009	1
			150	91010	1
			180	91011	1
6	MULTI + STUD		115	91012	1
			125	91013	1
			150	91014	1
			180	91015	1
7	FIBRE		115	91016	1
			125	91017	1
			150	91018	1
			170	91019	1
			180	91020	1
8	SPONGE		150	91021	1
			180	91022	1
9	SPONGE PRO		150	91023	1
			180	91024	1
10	FELT PRO		125/5	91025	1
			150/5	91026	1
			125/10	91027	1
			150/10	91028	1

ACCESSORIES – SERVICE

No.	Name		Diameter [mm]	Catalogue Number	Package [units]
11	FELT ECO		125	91029	1
			150	91030	1
12	MULTIFLEX		125	91031	1
13	ROTOPUC - CORPS		125	91032	1
14	THREADED STUD M14		-	91033	1

ACCESSORIES FOR POLISHING DISCS

No.	Name		Diameter [mm]	Catalogue Number	Package [units]
1	POLISHING FUR ECO		115	91500	1
			125	91501	1
			150	91502	1
			180	91503	1
			230	91504	1
2	SPARE VELCRO FOR DISCS		115	91505	1
			125	91506	1
			150	91507	1
			180	91508	1
			230	91509	1
3	POLISHING FELT PRO		115/5	91510	1
			125/5	91511	1
			150/5	91512	1
			180/5	91513	1
			230/5	91514	1
			115/10	91515	1
			125/10	91516	1
			150/10	91517	1
			180/10	91518	1
			230/10	91519	1
4	POLISHING FELT ECO		115/5	91520	1
			125/5	91521	1
			150/5	91522	1
			180/5	91523	1
			230/5	91524	1

PERSONAL PROTECTIVE EQUIPMENT

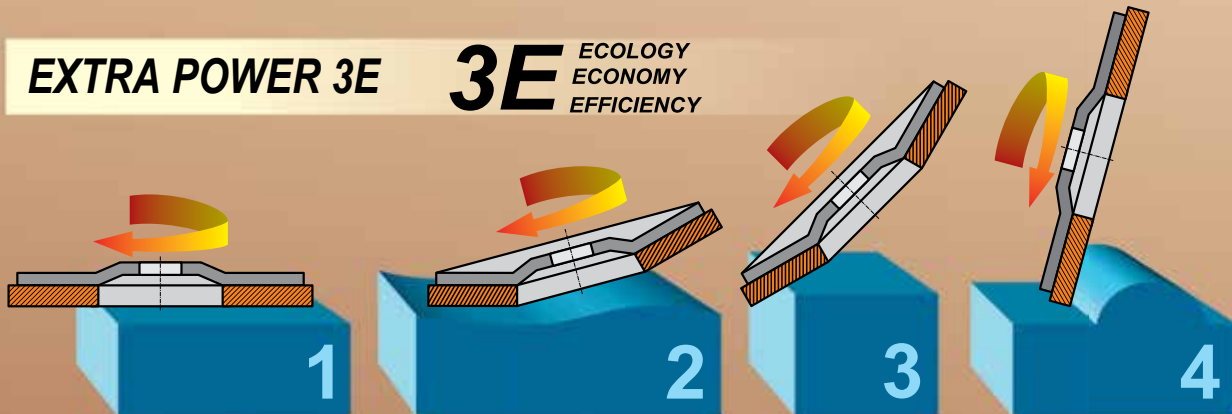
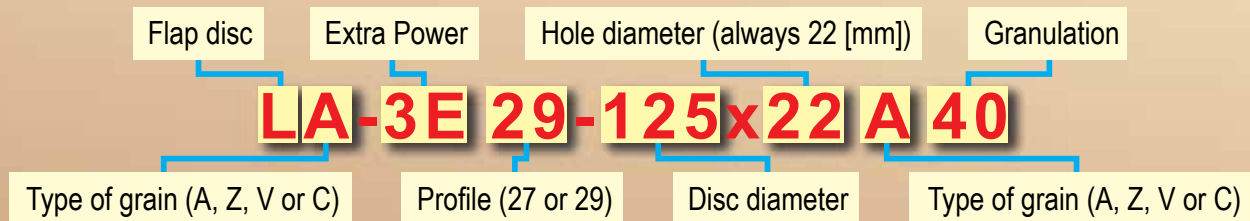
No.	Name		Catalogue Number	Package [units]
1	PROTECTIVE GLOVES GRANBERG		92000	1
2	PROTECTIVE GLOVES GRANBERG ECONOMY		92001	1
3	PROTECTIVE GLOVES TOUCH LITE		92002	1
4	PROTECTIVE GLOVES GRANBERG TYPHOON		92003	1
5	WELDING APRON		92004	1
6	GLASSES BRAVA		92005	1
7	GOGGLES GALERAS		92006	1
8	EARPLUGS CONIC200		92007	1

ACCESSORIES – SERVICE

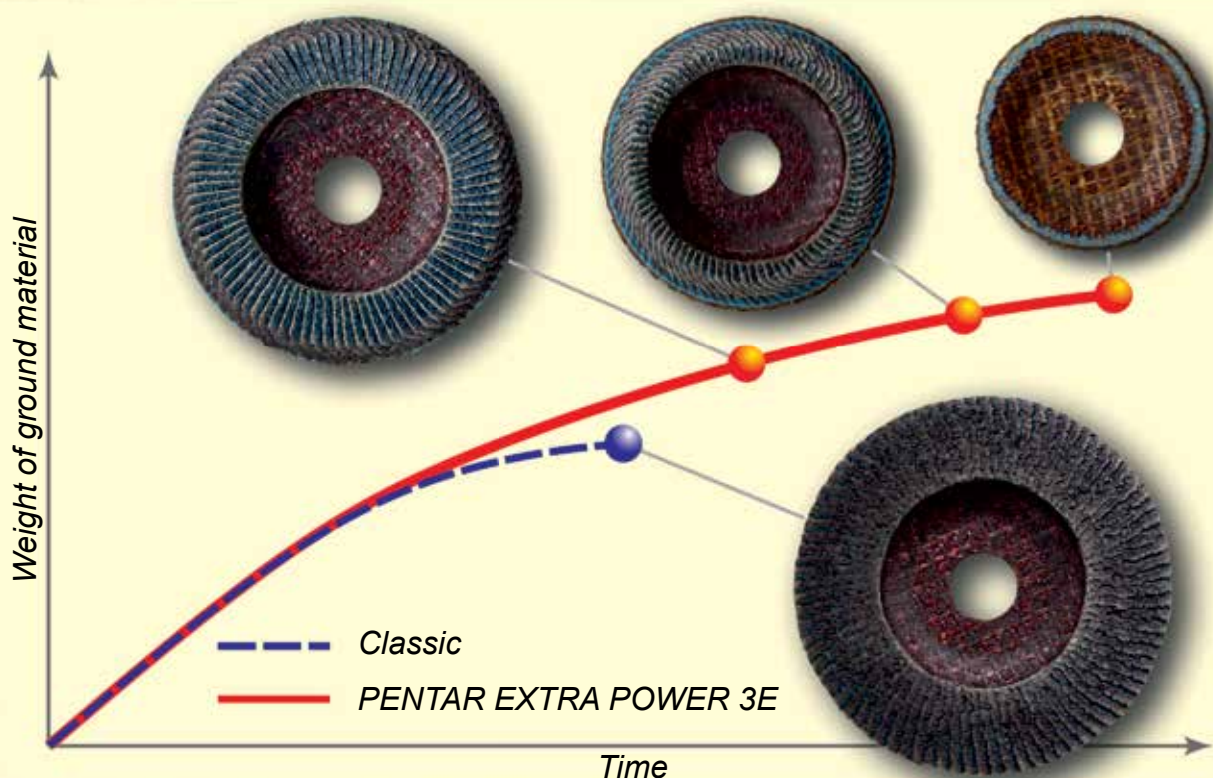
No.	Name	Catalogue Number	Package [units]
9	HEARING PROTECTORS SPA3 	92008	1
10	ELECTRONIC HEARING PROTECTORS PIT-BOARD 	92009	1
11	HALF MASK FFP2 WITH VALVE 	92010	1
12	HALF MASK 6200 3M 	92011	1
13	PROTECTIVE HELMET QUARTZ I 	92012	1
14	PROTECTIVE HELMET BASEBALLDIAMOND V 	92013	1

NOTES

PATENT EXTRA POWER 3E FLAP DISCS - DESCRIPTION



PENTAR EXTRA POWER 3E flap discs, thanks to their special design, with a patent pending, allow for better use of the tool. This leads to lower costs and reduced waste, contributing to environmental protection. Classic flap discs allow for working at small angles to the machined surface (figure 1 and 2), while PENTAR EXTRA POWER 3E flap discs enable efficient operation at any angle, especially when machining edges and corners (figure 3 and 4). The innovative design of the hub consists of a fibreglass mesh ensuring strength and a specially designed composite matrix, which guarantees adequate stiffness, flexibility and wear resistance. As a result, the hub wears out during the grinding process so as to allow full use of the flaps. This makes it possible to sand up to 50% more material compared to conventional flap discs (see diagram below).





Mszana Dolna



Grodzisk Mazowiecki



***Coated
abrasive tools***



***Abrasive tools
with resin binder***



***Abrasive tools
with ceramic binder***



***Abrasive tools
with polyurethane binder***



***Abrasive diamond
and cubic boron nitride tools***

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Fabryka Tarcz Ściernych Sp. z o. o.

MANUFACTURER OF ABRASIVE TOOLS:

- with ceramic binder: flat and shape abrasive wheels, mounted points and hones and segments,
- with polyurethane binder: flat abrasive wheels, mounted points, segments and polishing rollers,
- diamond with metal weld: abrasive wheels, drills, cutters, files, segments, inserts for metalworking, one- and multi-grain boom vangs,
- diamond and cubic boron nitride with resin binder: flat and shape abrasive wheels, mounted points

Fabryka Tarcz Ściernych Sp. z o. o.
ul. gen. G.Orlicz-Dreszera
05-825 Grodzisk Mazowiecki

Headquarters:

tel./fax. +48 22 755 69 11

Production department:

tel. +48 22 755 53 34

Commercial department:

tel. +48 22 755 52 38,

tel. +48 693 550 505

e-mail: zamowienia@ftsgrodziskmaz.com.pl

e-mail: zamowienia@ftselephant.pl

www.ftselephant.pl

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HEADQUARTERS

PRZEDSIĘBIORSTWO PENTAR
UL. PŁOCKA 17/32
01-231 WARSZAWA
NIP: 737-000-01-83

WHOLESALE - KATOWICE

UL. CHORZOWSKA 73B
40-101 KATOWICE
TEL.: +48(32) 25-96-938
E-MAIL: KATOWICE@PENTAR.PL

PRODUCTION PLANT

PRZEDSIĘBIORSTWO PENTAR
UL. STAROWIEJSKA 28
34-730 MSZANA DOLNA
TEL.: +48(18) 33-10-696(7)
FAX.: +48(18) 33-10-698
E-MAIL: PENTAR@PENTAR.PL

ORDERS

PRZEDSIĘBIORSTWO PENTAR
UL. STAROWIEJSKA 28
34-730 MSZANA DOLNA
TEL.: +48(18) 33-19-275
FAX: +48(18) 33-10-698
E-MAIL: ZAMOWIENIA@PENTAR.PL