



SINCE 1955



PRODUCT CATALOG

techni flex



THE FIRST POLISH COMPANY WHOSE PRODUCT QUALITY IS GUARANTEED BY A CERTIFICATE



STAL + INOX PRO



**FASTER,
MORE EFFICIENTLY
AND COMFORTABLE**

To meet your expectations, we have added a new STAL + INOX PRO wheels to our assortment. It is much more precise in cutting both ordinary steel and stainless steel. Thanks to the innovative formula, we obtained results similar to those of premium ceramic grinding wheels.

- **The highest aggressiveness combined with high efficiency.**
- **Irreplaceable wherever you work with large sections, ordinary steel and stainless steel.**



HIGHEST QUALITY ABRASIVE MATERIALS



TECHNIFLEX Sp. z o.o. is a recognized Polish producer of abrasive wheels under the brand IncoFlex. Thanks to modern technology, effective management and the full support of our qualified personnel we have gained the confidence of a broad group of clients.

Our portfolio includes high quality abrasive tools for cutting and grinding discs, designed for various user groups from individual to industrial customers. Our products are manufactured in accordance with the most stringent safety standards. The goal of our company is to meet all customers' expectations, which is why apart from the standard offer, we carry out non-standard orders such as tools for specialist applications. In addition to the production of our Incoflex brand, we also offer cooperation in the production of abrasive wheels under the customer's own brand. Private labels are produced according to separate rules agreed with the sales department.

The main goal of the company Techniflex Sp. z o. o. is the introduction of domestic and foreign high quality abrasive products that meet the highest safety standards. The products of our company are manufactured based on own technologies and ensuring the protection of our environment. The plant also has a specialized staff trained sales, which take care of the service pre-and post-sales.

HISTORY:

1955 - establishment of the company - the manufacturing of abrasive products established in Mszana Dolna

1967 - the company started the production of abrasive wheels type BF 27-41-42

1975 - the plant is leading supplier of grinding wheels IncoFlex brand on the Polish market

2011 - Our Company became a member of the Group Rywal -RHC, with the name changed to Techniflex Sp z.o.o, maintaining the tradition of the Incoflex brand.

techniflex[®]



INCOFLEX BRAND

Brand IncoFlex for several decades is well known on the Polish market. Distinctive logo of "Highlander" has won the trust of customers. Tradition requires, that's why brand IncoFlex not forgetting his origins and loyalty to customers at all times represent the delivery of consistently high quality.

Times change, technology moves forward, so "Highlander" is also developing, in order to not only keep up, but also to meet the expectations of customers. IncoFlex brand products appear more boldly into new foreign markets, where you can gain an audience.



CERTIFICATES



OSA

Techniflex Sp. z o.o The first Polish Company whose quality guarantees a certificate oSa. oSa (Organization of the Safety of Abrasives) - is an independent certification organization of the world's best producers of abrasives. oSa certification is a guarantee of the highest safety standards for users of our company's products.

TÜV RHEINLAND

This sign informs the user, that the product marked with the TM Compliance Mark guarantees that the product and its manufacturing process are tested and supervised by an independent Certification Body, which is an additional guarantee of their safety and high quality.



ISO 9001

The Iso 9001 certificate guarantees that the Quality Management System operates in accordance with the requirements of quality standards.

ISO 14001

The Iso 14001 certificate guarantees that the Environmental Management System operates in accordance with the requirements of quality standards.

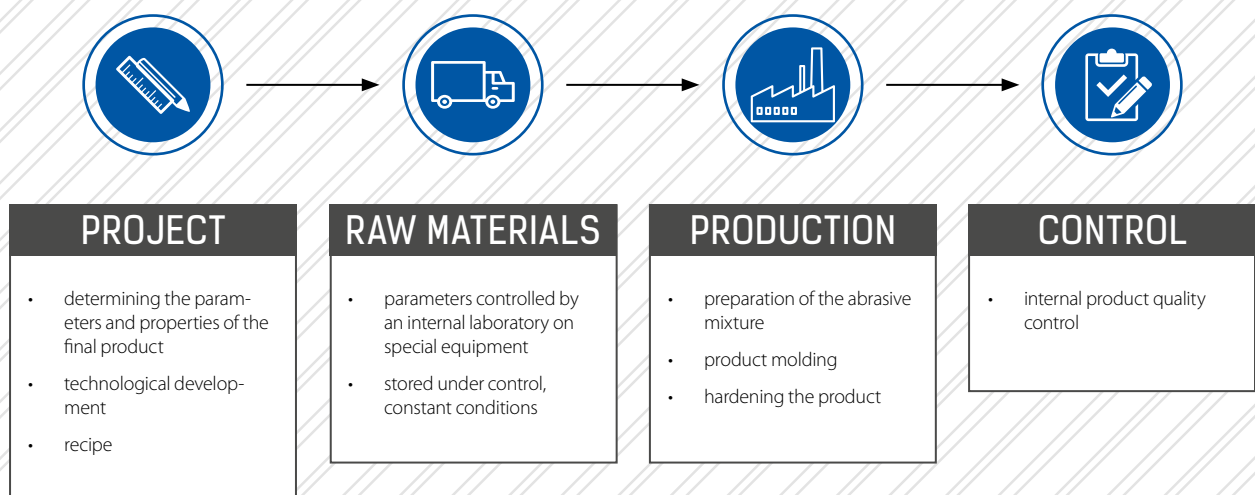


CONTROL, RESEARCH AND SAFETY

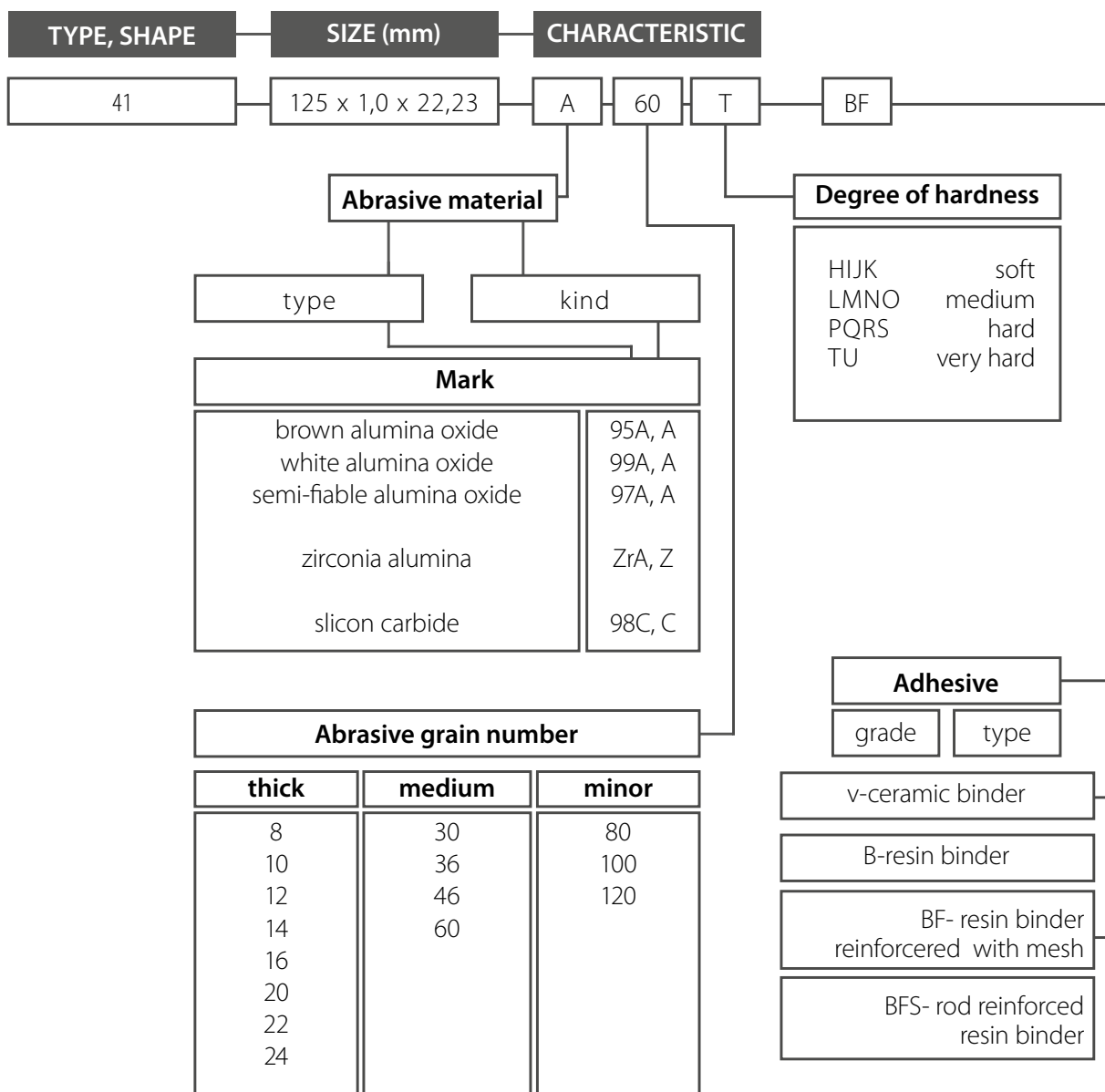


The company constantly improves the quality of manufactured products, and conducts activities aimed at improving the state of knowledge and safety of users of abrasive tools. Implemented restrictive control and research system at every stage of production as well as the highest quality raw materials and technological standards ensure high quality of our products.

In addition to careful supervision over every stage, such as selection of raw materials, technology development, and production, the final products are inspected and fully tested.



DATA SUPPORT



IDENTIFICATION AND USE



Color of the label shall be the tools:

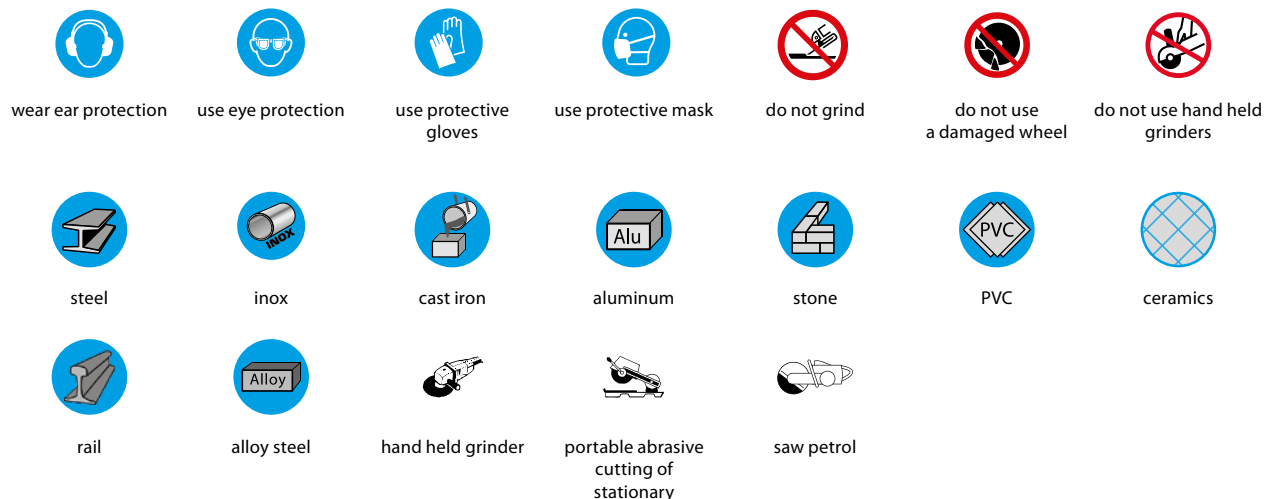
- steel
- stone
- inox
- alloy steel, cast steel, cast iron
- aluminum

Color of bar indicates maximum operating speed of grinding wheel:

- 50 m/s
- 63 m/s
- 80 m/s
- 100 m/s

Full product identification: is the batch number shown on the wheels.

PICTOGRAMS

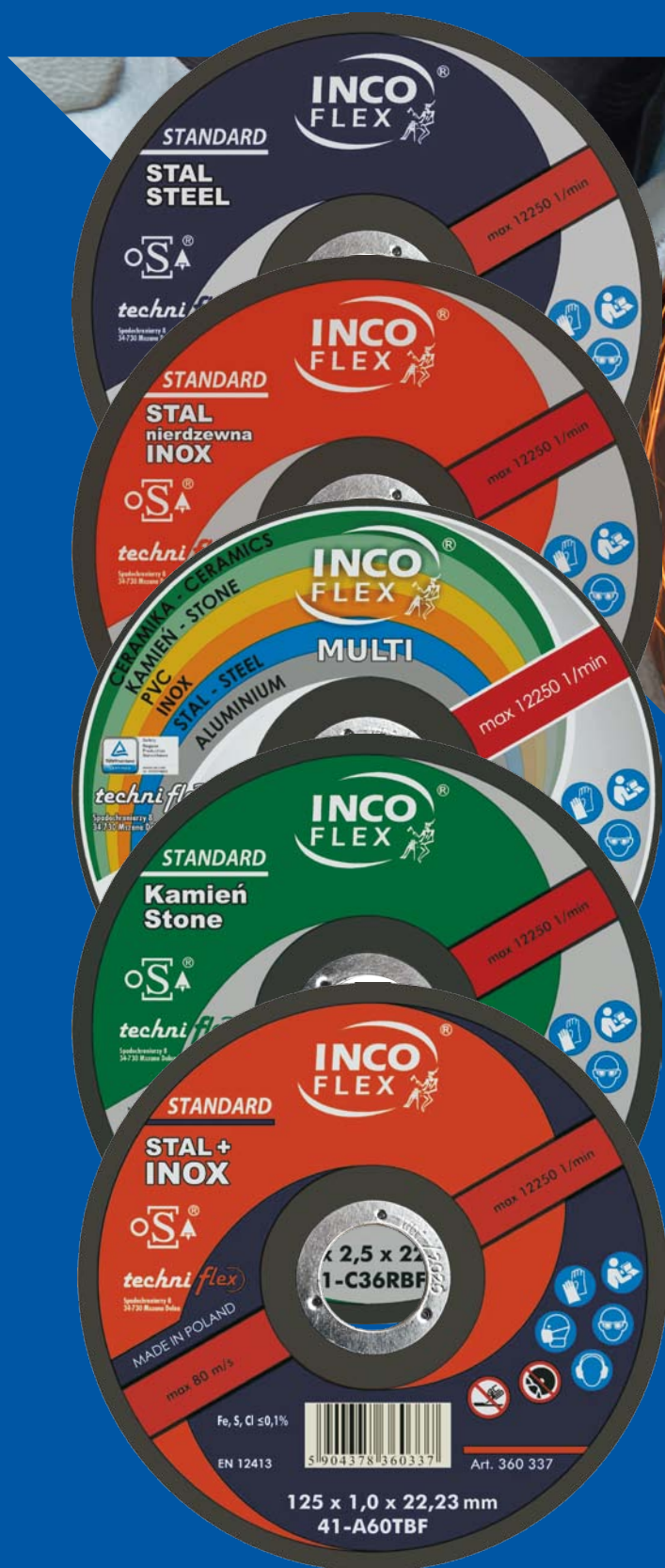


RECOMMENDATIONS OF SELECTION

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STANDARD LINE



STANDARD LINE

Intended for cutting and grinding wheels for ordinary steel, stainless steel and for cutting small section of steel.

Products in this line also suited for cutting and grinding concrete, soft ceramic, stone also non-ferrous metals and cast iron.



STEEL



Intended for cutting and grinding the ordinary steel.

TYPE 41



Flat for cutting



size [mm]	packing	rpm
115 x 1,0 x 22,23	50	13 300
115 x 1,6 x 22,23	50	13 300
115 x 2,5 x 22,23	25	13 300
125 x 1,0 x 22,23	50	12 250
125 x 1,6 x 22,23	50	12 250
125 x 2,5 x 22,23	25	12 250
150 x 1,6 x 22,23	25	10 200
180 x 1,6 x 22,23	25	8 500
230 x 2,0 x 22,23	25	6 650



300 x 3,2 x 32	20	5 100
350 x 3,5 x 25,4	10	4 400
400 x 4,0 x 32	10	3 850

TYPE 42



Depressed center for cutting



size [mm]	packing	rpm
115 x 2,5 x 22,23	25	13 300
125 x 2,5 x 22,23	25	12 250
150 x 3,2 x 22,23	25	10 200
230 x 2,5 x 22,23	25	6 650

TYPE 27

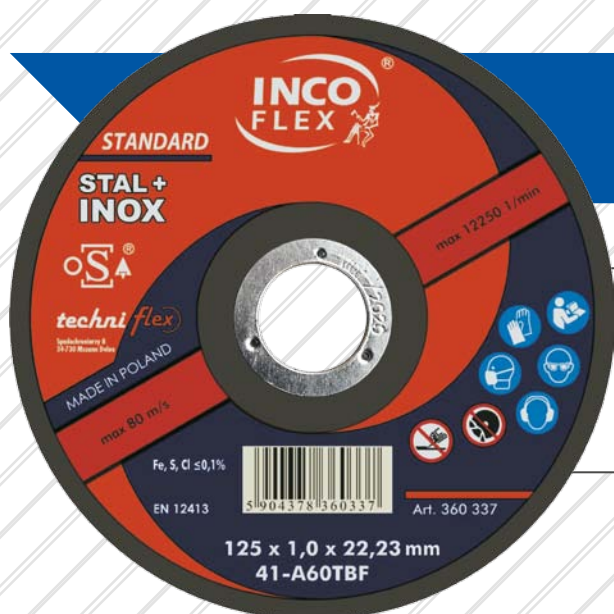


Depressed center for grinding



size [mm]	packing	rpm
115 x 6,5 x 22,23	10	13 300
125 x 6,5 x 22,23	10	12 250
180 x 6,5 x 22,23	10	8 500
230 x 6,5 x 22,23	10	6 650
230 x 8,0 x 22,23	10	6 650

Full range of sizes available at www.incoflex.pl



STEEL+INOX



Intended for cutting and grinding the ordinary steel and for cutting small section of steel.

TYPE 41



Flat for cutting



size [mm]	packing	rpm
115x1,0x22,23	50	13 300
125 x 1,0 x 22,23	50	12 250
230 x 1,9 x 22,23	25	6 650

TYPE 27



Depressed center for grinding



size [mm]	packing	rpm
125 x 6,5 x 22,23	10	12 250



INOX



Intended for cutting and grinding stainless steel and alloy steel.

TYPE 41



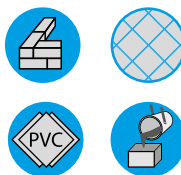
Flat for cutting



size [mm]	packing	rpm
115 x 1,0 x 22,23	50	13 300
125 x 1,0 x 22,23	50	12 250
230 x 2,5 x 22,23	25	6 650

Full range of sizes available at www.incoflex.pl

STONE



Intended for cutting and grinding concrete, soft ceramics, stone, non-ferrous metals and cast iron.

TYPE 41



Flat for cutting

size [mm]	packing	rpm
115 x 2,5 x 22,23	25	13 300
115 x 3,2 x 22,23	25	13 300
125 x 1,0 x 22,23	50	12 250
125 x 1,6 x 22,23	50	12 250
125 x 2,5 x 22,23	25	12 250
125 x 3,2 x 22,23	25	12 250
230 x 2,5 x 22,23	25	6 650
230 x 3,2 x 22,23	25	6 650

TYPE 42



Depressed center for cutting

size [mm]	packing	rpm
115 x 3,2 x 22,23	25	13 300
125 x 2,5 x 22,23	25	12 250
180 x 3,2 x 22,23	25	8 500
230 x 3,2 x 22,23	25	6 650

TYPE 27



Depressed center for grinding

size [mm]	packing	rpm
115 x 6,5 x 22,23	10	13 300
125 x 6,5 x 22,23	10	12 250
150 x 6,5 x 22,23	10	10 200
180 x 6,5 x 22,23	10	8 500
230 x 6,5 x 22,23	10	6 650

MULTI



Intended in house cutting ordinary steel, stainless, non-ferrous metals, PCV, soft ceramics, concrete and stone.

TYPE 41



Flat for cutting

size [mm]	packing	rpm
125 x 1,0 x 22,23	50	12 250
125 x 1,6 x 22,23	50	12 250

Full range of sizes available at www.incoflex.pl



PRO LINE

Wheels with increased hardness and strenght, intended for cutting and grinding alloy steel, ferrous, stainless steel and ordinary steel about small and big section.

STEEL PRO



Intended for cutting and grinding alloy steel and ordinary steel: various section.

TYPE 41



Flat for cutting

size [mm]	packing	rpm
115 x 1,0 x 22,23	50	13 300
125 x 1,0 x 22,23	50	12 250
180 x 1,5 x 22,23	25	8 500
230 x 1,9 x 22,23	25	6 650

300 x 3,2 x 32	20	5 100
350 x 3,5 x 32	10	4 400
400 x 4,0 x 32	10	3 850

TYPE 42



Depressed center for cutting

size [mm]	packing	rpm
115x3,0x22,23	25	13 300
125 x 3,0 x 22,23	25	12 250
180 x 3,0 x 22,23	25	8 500
230 x 3,0 x 22,23	25	6 650

TYPE 27



Depressed center for grinding

size [mm]	packing	rpm
115x6,5x22,23	10	13 300
125 x 6,5 x 22,23	10	12 250
180 x 6,5 x 22,23	10	8 500
230 x 6,5 x 22,23	10	6 650

VRS PRO



Intended for cutting and grinding stainless steel, alloy steel and ordinary steel: various section



VRS PRO

It's special construction reduces vibration during work, increased stiffness guarantees precise cutting.

TYPE 42



Depressed center for cutting

size [mm]	packing	rpm
125 x 1,0 x 22,23	50	12 250
125 x 1,6 x 22,23	50	12 250
230 x 1,9 x 22,23	25	6 650

Full range of sizes available at www.incoflex.pl



INOX PRO





Intended for cutting and grinding stainless steel, acid resistant and alloy steel: small and big section.

TYPE 41




Flat for cutting

	size [mm]	packing	rpm
	115 x 1,0 x 22,23	50	13 300
	125 x 1,0 x 22,23	50	12 250
	230 x 1,9 x 22,23	25	6 650
	350 x 3,5 x 32	10	4 400

TYPE 42




Depressed center for cutting

	size [mm]	packing	rpm
	125 x 3,0 x 22,23	25	12 250
	230 x 3,0 x 22,23	25	6 650

TYPE 27



Depressed center for grinding

	size [mm]	packing	rpm
	125 x 6,5 x 22,23	10	12 250
	180 x 6,5 x 22,23	10	8 500
	230 x 6,5 x 22,23	10	6 650



ALU PRO




Intended for cutting and grinding aluminum and other non-ferrous metals.

TYPE 41




Flat for cutting

	size [mm]	packing	rpm
	125 x 1,0 x 22,23	50	12 250
	125 x 1,9 x 22,23	50	12 250

TYPE 42




Depressed center for cutting

	size [mm]	packing	rpm
	125 x 2,5 x 22,23	25	12 250

TYPE 27



Depressed center for grinding

	size [mm]	packing	rpm
	125 x 6,5 x 22,23	10	12 250

Full range of sizes available at www.incoflex.pl

NEW

STEEL + INOX PRO



Intended for cutting varieties of steels: ordinary, stainless, acid resistant, alloy steel. Small and big sections.

TYPE 41



Flat for cutting

size [mm]	packing	rpm
115 x 1,0 x 22,23	50	13 300
125 x 1,0 x 22,23	50	12 250
230 x 1,9 x 22,23	25	6 650



SPECIAL LINE



SPECIAL LINE

Products in this line perform very well in the difficult industrial environment. Wheels intended for grinding and cutting ordinary steel and alloyed and big section of cast iron and cast steel.





CERCUT



Discs made of ceramic abrasive grains. Designed for grinding and cutting of hardness: high-alloy, special steel and stainless steel.



Very high comfort effect of work increased aggressiveness of machining.



TYPE 41



Flat for cutting

size [mm]	packing	rpm
115 x 1,0 x 22,23	50	13300
115 x 1,6 x 22,23	50	13300
125 x 1,0 x 22,23	50	12250
125 x 1,6 x 22,23	50	12250
150 x 1,6 x 22,23	25	10200
180 x 1,6 x 22,2	25	8500
230 x 1,9 x 22,23	25	6650

TYPE 27



Depressed center for grinding

size [mm]	packing	rpm
125 x 6,8 x 22,23	10	12250
150 x 6,8 x 22,23	10	10200
180 x 6,8 x 22,23	10	8500
230 x 6,8 x 22,23	10	6650



CERMET



Discs made of ceramic grain. Intended for cutting: black steel, carbon steel, ordinary steel, high-alloy special steel, hardest steels available on the market.



Very high comfort of work, increased cutting aggressiveness.



TYPE 41



Flat for cutting

size [mm]	packing	rpm
125 x 1,0 x 22,23	50	12250



RAIL



RAIL discs for the railway and tram industry - mainly for cutting rails. High stability ensures efficient and comfortable cutting of large cross-sections.

RAIL

TYPE 41



Flat for cutting

size [mm]	packing	rpm
350 x 4,0 x 25,4	10	5500
350 x 4,0 x 32	10	5500
400 x 4,0 x 25,4	10	4800
400 x 4,0 x 32	10	4800
RAIL		
Manual and stationary devices.		



SPEEDCUT



SPEEDCUT discs for the railway and tram industry- mainly for cutting rails. High stability ensures efficient and comfortable cutting of large cross-sections.

SPEEDCUT

TYPE 41



Flat for cutting

size [mm]	packing	rpm
350 x 3,5 x 25,4	10	5500
350 x 3,5 x 32	10	5500
400 x 4,0 x 25,4	10	4800
400 x 4,0 x 32	10	4800
SPEEDCUT		
Stationary device only .		



INOX SPECIAL



Abrasive wheels with very good cutting attributes for special applications. For grinding alloyed steels with high hardness in the difficult industrial environment.



Wide range of applications in the heavy industry. Wheels intended for grinding DOMEX, HARDOX, HARDFIELD, DUPLEX.



TYPE 27



Depressed center for grinding



size [mm]	packing	rpm
125 x 6,8 x 22	10	12250
180 x 6,8 x 22	10	8500

TYPE 41



Flat for cutting

size [mm]	packing	rpm
230 x 1,9 x 22,23	25	6650

TYPE 42



Depressed center for cutting

size [mm]	packing	rpm
230 x 1,9 x 22,23	25	6650



ZIRCONIUM SPECIAL



Wheels for cutting and grinding of alloyed steels, cast iron and cast steel for big section. Wheels intended for work in very difficult industry environment, especially for work in foundry industry.



TYPE 27



Depressed center for grinding



size [mm]	packing	rpm
125 x 7,0 x 22	10	12250
180 x 7,0 x 22	10	8500
230 x 7,0 x 22	10	6650



CAST IRON



Wheels for grinding more demanding applications : cast iron, alloyed cast iron, and cast steel. Intended for work in difficult industrial conditions, especially for work in the foundry industry.

TYPE 27



Depressed center for grinding



size [mm]	packing	rpm
230 x 8,0 x 22,23	10	6650



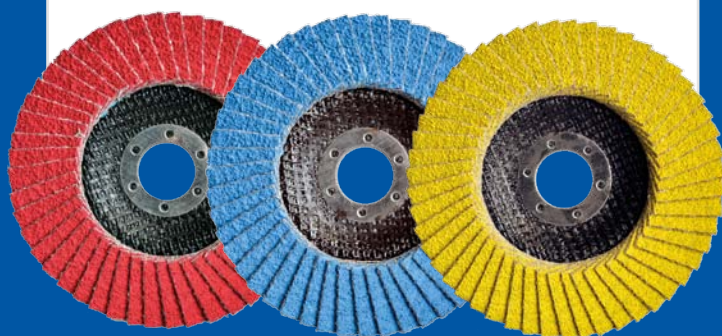
FLAP DISCS



FLAP DISCS

Made of the following types of canvases: electro corundum, zirconium and ceramic embankments. Wheels intended for both professional and standard applications.

For the stainless steel, alloy steel and ordinary steel.



ULTRA CORUNDUM / ZIRCONIUM





Intended for standard application:
ordinary steel and Inox.





Very good price-quality ratio.

ULTRA CORUNDUM

TYPE A			Lamellar flat	
	size [mm]	packing	rpm	
	125 x 22,23	10	12 250	
Available granulations: od 40/60/80/100/120				

ULTRA ZIRCONIUM

TYPE B			Lamellar depressed	
	size [mm]	packing	rpm	
	125 x 22,23	10	12 250	
Available granulations: 40/60/80/100/120				



UNIVERSAL CORUNDUM / ZIRCONIUM






Intended for standard use for
ordinary steel and INOX.



Intended for INOX, alloy steel and or-
dinary steel.



TYPE A		Lamellar flat	
TYPE B		Lamellar depressed	
	size [mm]	packing	rpm
	115 x 22,23	10	13 330
	125 x 22,23	10	12 250
	180 x 22,23	10	8 500
Available granulations: 40/60/80/100/120			




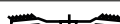

PROFESSIONAL CORUNDUM / ZIRCONIUM



Intended for professional use, industrial for usual steel, alloy steel and INOX.



Intended for professional, industrial ordinary steel: inox, alloy steel, cast steel.

TYPE A		Lamellar flat	
TYPE B		Lamellar depressed	
	size [mm]	packing	rpm
	115 x 22,23	10	13 330
	125 x 22,23	10	12 250
	180 x 22,23	10	8 500
Available granulations: 40/60/80/100/120			





ALU PRO



Intended for aluminium.

Very efficient work, does not clog or draw material.

TYPE B		Lamellar depressed	
		size [mm]	packing rpm
	125 x 22,23	10	12 250
	180 x 22,23	10	8 500
Available granulations: 40/60			



CERCUT



Intended for INOX, alloy steel and ordinary steel.

TYPE B



Lamellar depressed



size [mm]

packing

rpm

115 x 22,23

10

13 300

125 x 22,23

10

12 250

180 x 22,23

10

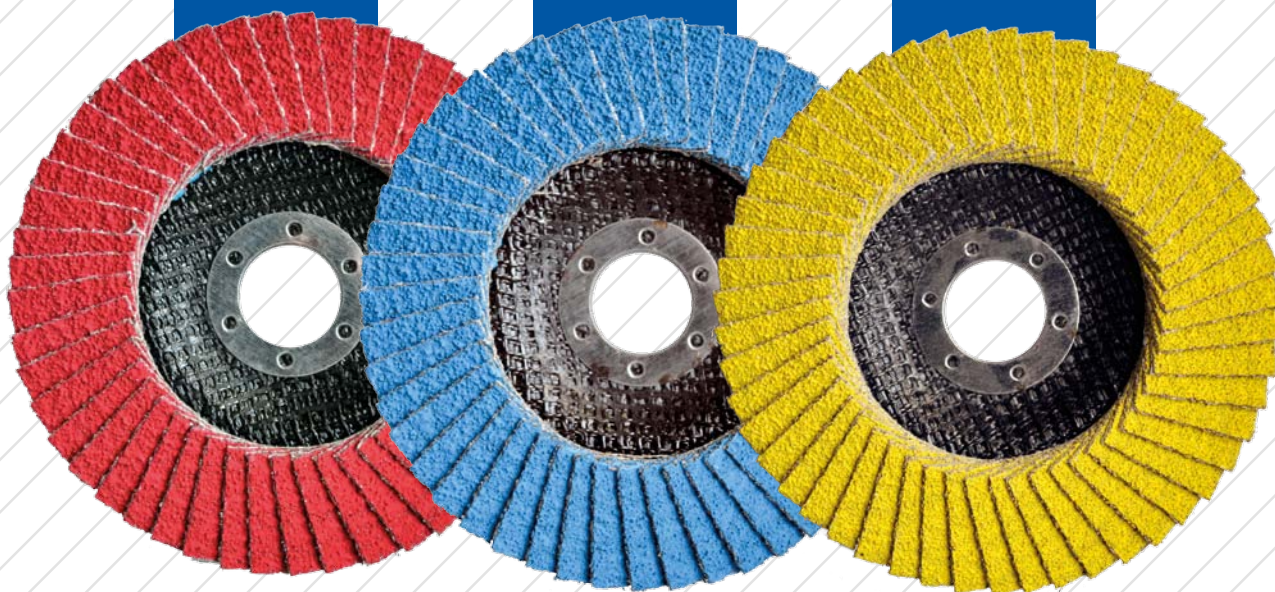
8 500

Available granulations: 40/60/80/100/120

CERCUT
RED

CERCUT
BLUE

CERCUT
YELLOW





techniflex®

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