



Karbosan

abrasive solutions





Karbosan was founded in 1967 in Istanbul as the pioneer of the abrasive industry in Turkey. Since establishment, all the management and manufacturing forces of Karbosan are trying to fulfill the customers' requirements.

Today, Karbosan is operating two factories:

Sefakoy Plant - Istanbul: Manufacturing bonded abrasives; cutting and grinding discs and vitrified wheels in a plant of 41.000 m² with over 450 employees.

Velikoy Plant - Tekirdag: Manufacturing coated abrasives; fiber discs, waterproof sheets, rolls, belts and flap discs in a plant of 100.000 m² with over 100 employees.

This structure allows serving the world wide market with a complete range of abrasive products. Export activities in Karbosan have been restructured to meet the demands of its customers from different countries in five continents.

Certificates

international Safety & Quality

KARBOSAN is an active member of the FEPA (Federation of European Producers of Abrasives), and member of O.S.A. (Organisation for Safety of Abrasives)

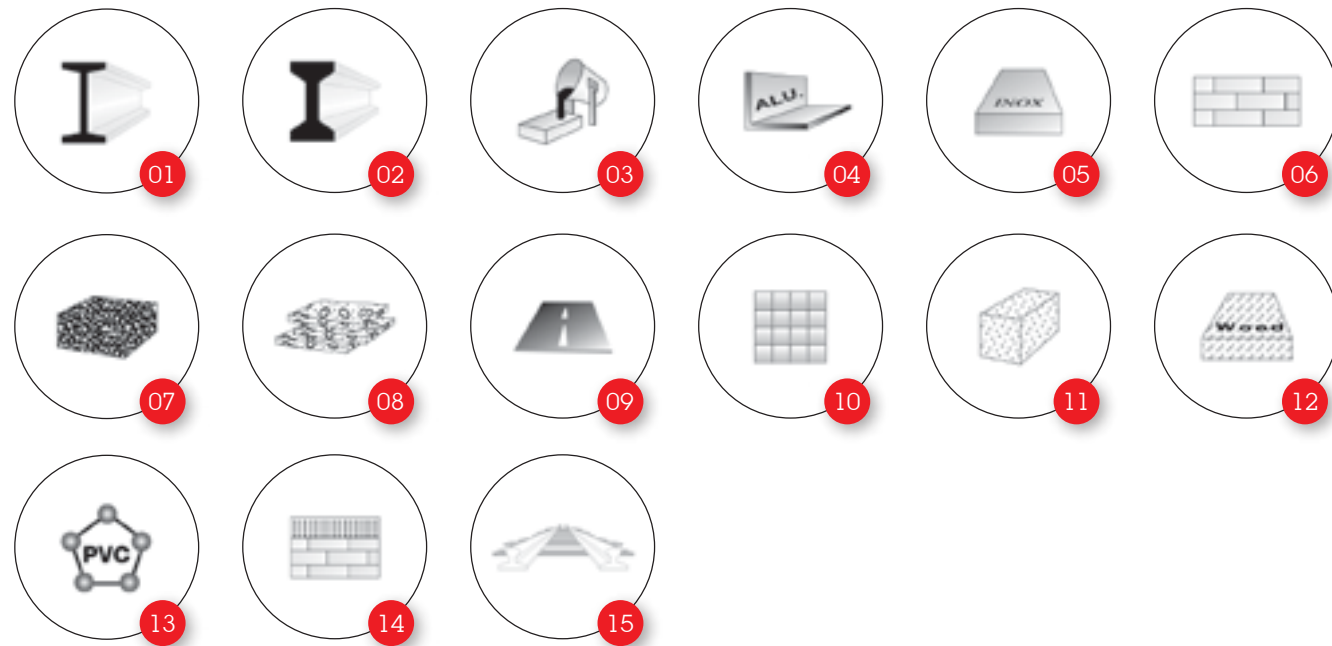
FEPA is dedicated to the promotion of safety in the use of abrasives and is actively involved in the preparation and implementation of the European (EN) and International standards (ISO) for abrasives and grinding machines.

The OSA pursues in close collaboration with FEPA the objectives of supporting both the currently attained safety standards for abrasive products and their further development.
The internal testing procedures and testing certification are based on the following standards :

- Safety requirements for bonded abrasive products EN 12413.
- Safety requirements for coated abrasive products EN 13743.



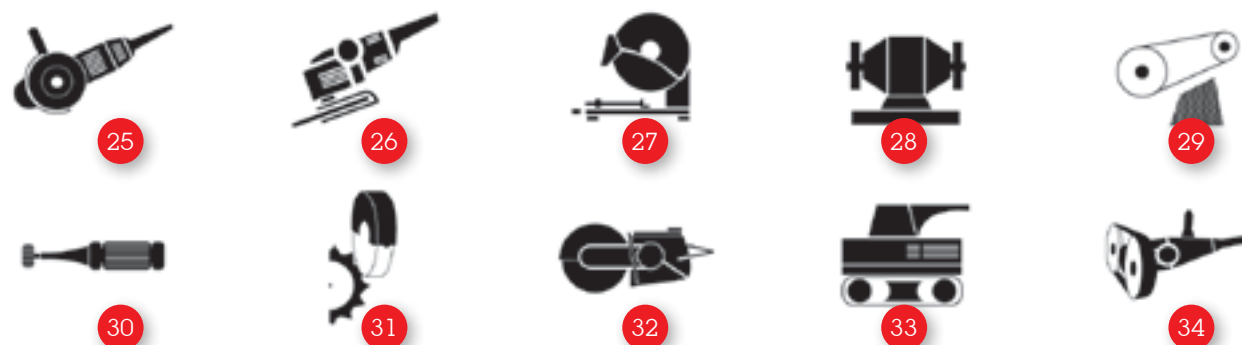
Application Area Pictograms



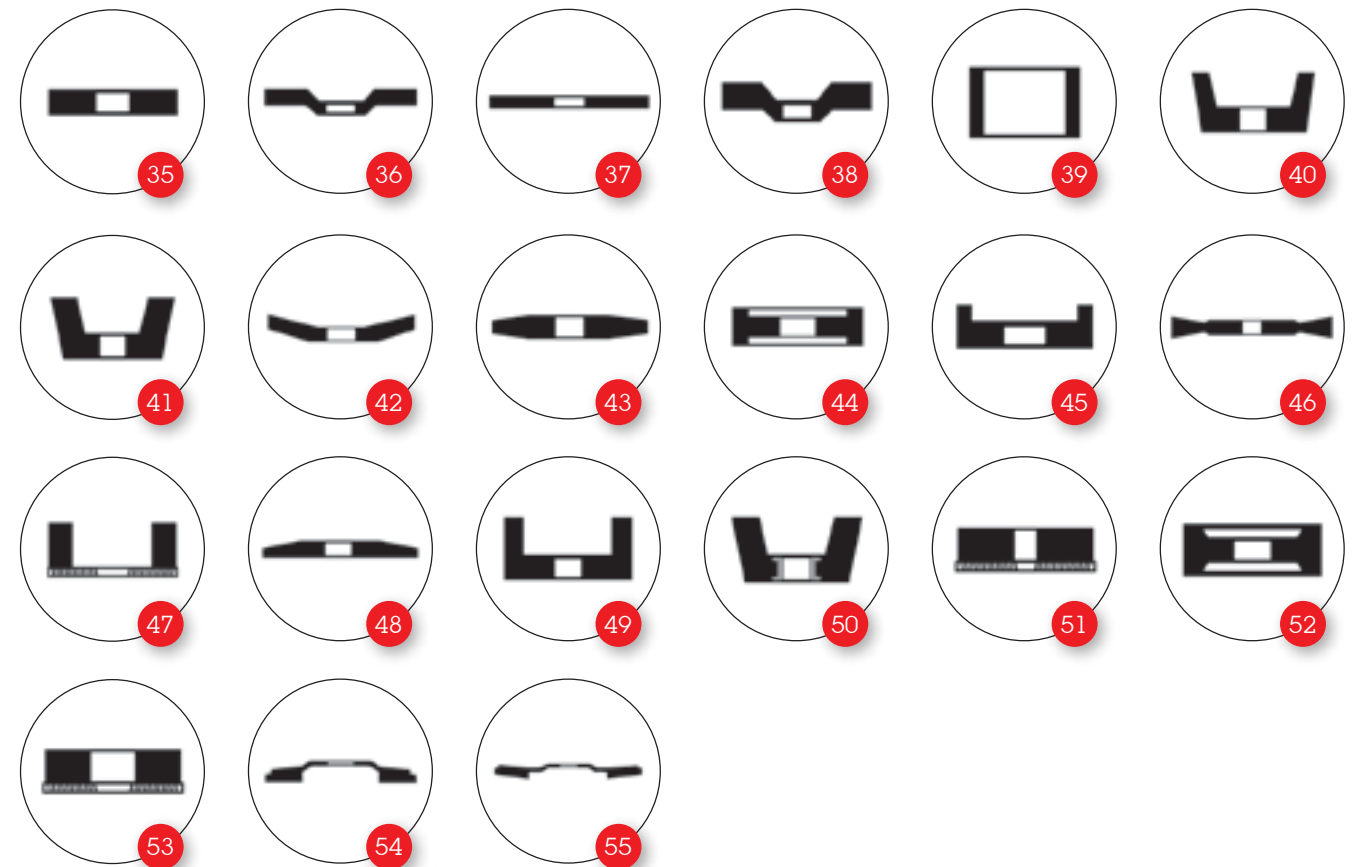
Safety signs



Tool pictograms



Shapes of the wheels



Definition of the Pictograms

- 1 - METAL
- 2 - HARD METAL
- 3 - CAST IRON
- 4 - ALUMINIUM
- 5 - STAINLESS STEEL
- 6 - STONE
- 7 - GRANITE
- 8 - MARBLE
- 9 - ASPHALT
- 10 - CERAMIC
- 11 - ABRASIVE
- 12 - WOOD
- 13 - PVC
- 14 - CONCRETE
- 15 - RAIL

- 16 - WEAR SAFETY GLOVES
- 17 - USE EAR MUFFS
- 18 - WEAR DUST MASK
- 19 - READ THE INSTRUCTIONS
- 20 - WEAR SAFETY GLASSES
- 21 - SUITABLE FOR WET GRINDING
- 22 - GRINDING IS PERMITTED
- 23 - DO NOT USE WITH COOLANT
- 24 - DO NOT USE DAMAGED DISCS
- 25 - CUTTING WITH PORTABLE MACHINE
- 26 - GRINDING WITH PORTABLE MACHINE
- 27 - CUTTING WITH STATIONARY MACHINE
- 28 - STATIONARY GRINDING MACHINE
- 29 - BACKSTAND
- 30 - PORTABLE UPRIGHT GRINDING MACHINE
- 31 - SHARPENING OF TOOLS
- 32 - PORTABLE THERMAL CUTTING MACHINE
- 33 - PORTABLE BELT SANDER
- 34 - BELT SANDER

- 35 - TYPE 1
- 36 - TYPE 2
- 37 - TYPE 3
- 38 - TYPE 4
- 39 - TYPE 5
- 40 - TYPE 6
- 41 - TYPE 7
- 42 - TYPE 8
- 43 - TYPE 9
- 44 - TYPE 10
- 45 - TYPE 11
- 46 - TYPE 12
- 47 - TYPE 13
- 48 - TYPE 14
- 49 - TYPE 15
- 50 - TYPE 16
- 51 - TYPE 17
- 52 - TYPE 18
- 53 - TYPE 19
- 54 - TYPE 20
- 55 - TYPE 21

- 39 - TYPE 2
- 40 - TYPE 11
- 41 - CUP WHEEL
- 42 - TYPE 12
- 43 - TYPE 4
- 44 - TYPE 7
- 45 - TYPE 5
- 46 - TYPE 21
- 47 - TYPE 37
- 48 - TYPE 3
- 49 - TYPE 6
- 50 - FLARING CUP WHEEL WITH TREADED HOLE M14
- 51 - TYPE 36
- 52 - TYPE 7
- 53 - TYPE 25
- 54 - FLAP DISCS (FLAT TYPE)
- 55 - FLAP DISCS (CONICAL TYPE)

Grinding wheels are cutting tools consisting of abrasive grains bonded together with organic or inorganic bonds. They are widely used in metal working industries ranging from snagging operations to remove excess metal from casting and welds, to high finishing operations on foil rolls. Intermediate are a multitude of other uses wherever moving parts are produced or edge tools are sharpened. Other than metal, glass, stone, masonry and many other materials require grinding wheels for processing operations.

BONDS :
The type of bond which is chosen; depends upon the wheel operating speed, the type of operation, and the precision required.

Main types of bonds follows :

Vitrified:
Used in the majority of grinding wheels made. Porosity and strength of the wheels made with this bond give high stock removal along with their rigidity helping to attain high precision.

Resinoid:
Used for wheels in work shops, foundries, sharpening and gumming saws and in many precision applications, designed to operate at 9500 surface feet per minute. This bond is also used in grinding and cut-off wheels with reinforcement; speeds above 9500 SFPM.

ABRASIVES

An ideal grinding abrasive has ability to fracture before serious dulling occurs and offers maximum resistance to point wear. Each abrasive has special crystal structure and fracture characteristics making it suitable for grinding operation on specific materials.

The two main classifications of electric furnace abrasives are :

- Aluminum Oxide
 - Silicon Carbide
- steel, alloy steel, high-speed steel, hard bronzes and similar metals.

Grinding Wheel Marking				
Grit size	Grit size	Hardness	Structure	Bond Type
NK= Regular Al. Oxide	Coarse 12 - 24	Soft D - H	The structure number of wheel refers to the relative spacing of the grains of abrasive; the larger the number the wider the grain spacing	Vitrified V
EKR=Pink Friable Al. Oxide	Medium 30 - 60	Medium I - P		Resinoid B
EKW=White Friable Al. Oxide				
SC=Black Silicon Carbide	Fine 70 -180	Hard Q - U		
SCG = Green Silicon Carbide	Very Fine 220 - 400			

Silicon Carbide abrasives are better suited for grinding very hard and dense materials like cemented carbides and ceramics, most non ferrous metals and non-metallics, as well as cast iron.

Aluminum Oxide Abrasives

NK-A (Regular aluminum Oxide)
The most widely used abrasive. Used for heavy-duty work such as snagging steel castings, grinding crankshafts and for production cylindrical grinding on all but the hardest and most heat-sensitive steels.

EKR (Friable aluminium oxide)
is developed pink fired aluminium oxide abrasive. It is particularly suited for grinding all kinds of tool steels including the tough vanadium alloy steels with moderate to heavy feeds. It grinds with an exceptionnally cool, fast cutting action, requires a minimum of dressing and holds its form well

EKW-AA Friable aluminium oxide
Is a white fired aluminium oxide abrasive used on light grinding of all kinds, particularly on hard, heat-sensitive steels. It has been long used for sharpening high-speed steels (HSS) and cast alloy tools and cutters, as well as for cylindrical, surface and internal grinding of tools, dies and gages.

Cu (Superabrasive) :
Used with very high performance

on hard, heat sensitive steels that requires high precision.

HK: A mixture of aluminium oxide abrasives. It is particularly suited for medium heat sensitive steels. It is also used for tool grinding, surface, cylindrical and centerless grinding.

Silicon Carbide Abrasives

SC-C (Black): Generally used for grinding gray iron, non ferrous metals and non metallic materials such as glass, rubber and Stone.

SCG: (Green): Ideal for grinding cemented carbide cutting tools.



Diameter of wheel in mm.	15 m/s	20 m/s	25 m/s	30 m/s	35 m/s	45 m/s	60 m/s	80 m/s	100 m/s
65	4400	5900	7350	8800	10300	13200	17600	23500	29400
75	3825	5100	6380	7650	9000	11455	15300	20400	25500
80	3600	4800	6000	7200	8400	10700	14400	19000	24000
90	3185	4245	5300	6370	7430	9560	12750	17000	21200
100	2860	3800	4750	5700	6700	8600	11400	15250	19000
115	2500	3350	4150	5000	5800	7500	10000	13300	16600
125	2300	3050	3800	4600	5350	6900	9200	12200	15250
150	1900	2550	3200	3800	4500	5700	7600	10200	12700
175	1650	2200	2700	3300	3800	4900	6600	8800	11000
180	1600	2150	2650	3200	3720	4800	6400	8500	10600
200	1430	1900	2400	2860	3350	4300	5700	7600	9500
230	1250	1660	2075	2500	2900	3500	5000	6500	8300
250	1150	1525	1900	2300	2700	3450	4600	6100	7600
300	950	1270	1600	1900	2200	2900	3800	5100	6400
350	820	1100	1365	1640	1900	2450	3280	4400	5500
400	720	950	1200	1440	1670	2150	2880	3800	4750
450	640	850	1060	1280	1500	1900	2560	3400	4250
500	575	765	955	1150	1350	1720	2300	3050	3800
600	480	640	800	960	1100	1430	1920	2550	3200
750	380	510	640	760	900	1150	1520	2050	2550
900	320	425	530	640	750	950	1280	1700	2100
1000	285	380	475	570	670	860	1140	1530	1900

Safety guide for use of abrasive wheels.

- You might break the bonded abrasive products easily. For this reason,you have to handle them with utmost care.If you use damaged or improperly mounted abrasive products,it can be dangerous and can cause serious injuries.

Delivery , handling and storage of the products.

- Handle and transport with care.
- Store them in such a manner that they are not subject to mechanical damage and /or a high level of humidity.

Selection of the abrasive products.

- Follow the safety indications on the label.
- Make sure that you are using the wheel on a machine which is suitable for selected disc.
- Before mounting, examine the wheel visually.
- Do not mount if there are crack evidences,abusive handlings or abusive storage.

Operating speed

- Do not exceed the maximum operating speed that is indicated on the abrasive wheel.

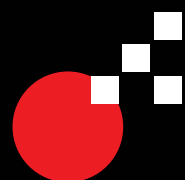
Mounting

- Follow the instructions provided by both the wheel and the machine manufacturers
- The abrasive wheel must be mounted by a qualified trained person.
- Check the flanges and the adaptors for flatness of bearing surface.Do not use sprung or warped flanes or adapter that are not clean and free of burrs.
- Tighten the spindle end nut only enough to drive the wheel and prevent slippage.
- Before applying to workpiece,run all newly mounted wheels at operating speed for at least 10 seonds. For that period,do not stand in front of or in line with the wheel and do not exceed the maximum safe operating speed.
- If strong vibrations occur during the test run,stop the machine,release the tightened nut,remount the wheel and restart the machine.If the vibrations persist,do not use the wheel.
- Arbor hole size:fit the abrasive wheel freely but not loosely on the machine spindle.Do not alter the size of the arbor hole to fit the spindle.

01.

Bonded Abrasives

- Cut-off Discs
- Grinding Discs
- Vitrified Wheels



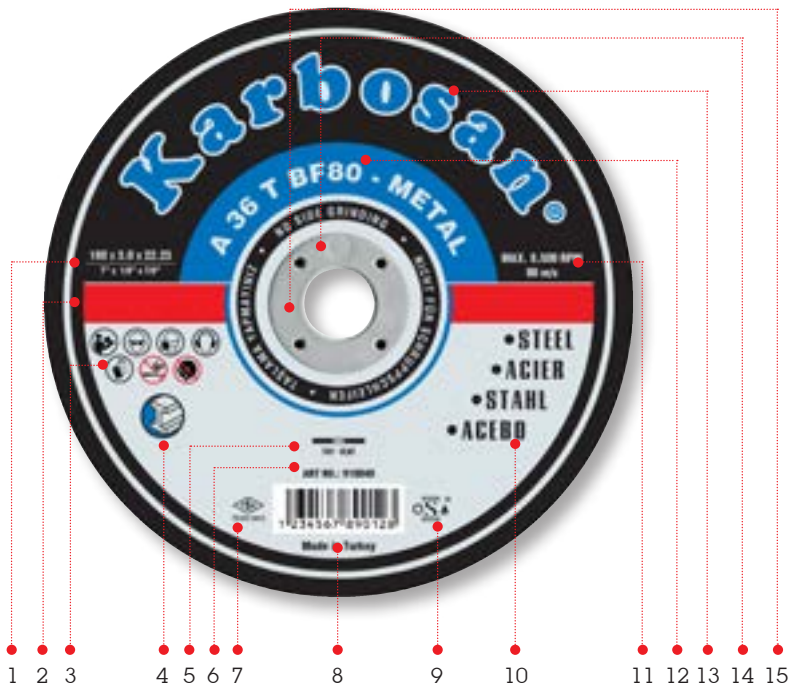
Performance & Quality



abrasive technology 15 years high Quality

Product & Packing Information

Information & Description of the Discs



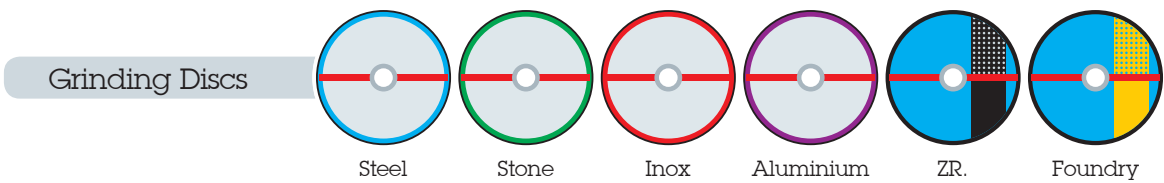
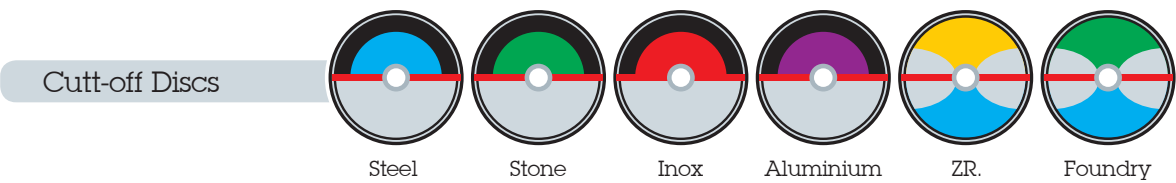
1 -	Dimension (mm. & inch)
2 -	Speed stripe (Red: 80 m/s)
3 -	Safety recommendations
4 -	Application pictograms
5 -	Type
6 -	Product code
7 -	TSE certificates
8 -	Barcode
9 -	OSA certificates
10 -	Usage
11 -	Maximum operating speed R.P.M
12 -	Specification
13 -	Logo Karbosan
14 -	Safety logo on the bore ring
15 -	Expiry date (quarter & year)

Reinforcement Structure of Cut-off Discs

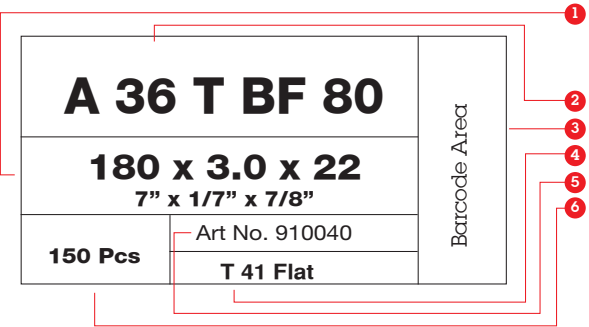


1 -	Bushing
2 -	Label
3 -	Reinforcement
4 -	Abrasive grain
5 -	Reinforcement material with paper

Labels Colors



Labels Description



1 -	Dimensions
2 -	Specification
3 -	Barcode
4 -	Type
5 -	Product code
6 -	Quantity



Box Colors

Master Box Colors



Application Sheets for Cutting & Grinding Discs

• Good •• Optimum ••• Excellent																		
		Metal A 36 T	Metal A 30 T <i>Plus</i>	Inox AA 24 S	Inox Cut & Cut <i>Plus</i>	Cast Iron C 30 S	Marble C 30 R <i>Plus</i>	Cast Iron ZA 30 TX <i>Plus</i>	Cast Iron AC 36 SX <i>Plus</i>	Alumin. A 36 Q	Metal A 24 RS	Metal A 30 Q <i>Plus</i>	Inox AA 24 P	Cast Iron C 24 S	Cast Iron ZA 24 R <i>Plus</i>	Cast Iron ZA 24 S <i>Plus</i>	Alumin. A 30 Q	Dual Pur. A 24/36 ST
Main Material Name	Material Name																	
Weld	Weld Seams										• • •	• • •	• • •	• •	• • •	• • •	•	• • •
General mild steels (<600N/m)	Construction steels	• • •	• • •	• •	• • •	•	•	• •	• •	•	• • •	• • •	• •	•	• •	• • •	•	• • •
Hardened Steels (>600N/m)	Tool steels	• •	• • •	• •	• • •	•	•	• • •	• •	•	• •	• • •	• •	•	• • •	• • •	•	• •
	Hardox	• •	• • •	• •	• • •	•	•	• • •	• •	•	• •	• • •	• •	•	• • •	• • •	•	• •
High tensile/High Alloyed steels	Containing Crome,Nickel,Manganese,Cobalt	• •	• • •	• •	• • •	•	•	• • •	• •	•	• •	• • •	• •	•	• • •	• • •	•	• •
General Mild Irons	Concrete reinforcing iron	• • •	• • •	• •	• • •	•	•	• • •	• •	•	• • •	• • •	• •	•	• • •	• • •	•	• • •
Cast Irons	Ductile Cast Iron (such as GGG40)	• •	• •	•	•	• • •	•	• • •	• • •	•	• •	• •	•	• • •	• • •	• • •	•	• •
	Grey cast iron	• •	• •	•	•	• • •	•	• • •	• • •	•	• •	• •	•	• • •	• • •	• • •	•	• •
Cast Steels	Heat-resistant cast steels	•	•	•	•	• •	•	• • •	• • •	•	•	• • •	•	• •	• •	• • •	•	•
Non-Ferrous Metals	Bearing Metals	•	• •	•	• •	• •	•	•	•	• • •	•	•	•	• •	•	•	• • •	•
	Titanium	•	• •	•	• •	• •	•	•	•	• • •	•	•	•	• •	•	•	• • •	•
	Copper, Alu., zinc, Alloys as bronze	•	• •	•	• •	• •	•	•	•	• • •	•	•	•	• •	•	•	• • •	•
Rust-proofed Steels	Inox, Stainless steels	•	•	• • •	• • •	•	•	•	•	•	•	•	• • •	•	•	•	•	•
Acid-Proofed Steels	Coracid	•	•	• • •	• • •	•	•	•	•	•	•	•	• • •	•	•	•	•	•
Stones and Concrete prod.	Marble	•	•	•	•	• •	• • •	•	•	•	•	•	•	• • •	•	•	•	•
	Lime stone	•	•	•	•	• • •	• • •	•	•	•	•	•	•	• • •	•	•	•	•
	Artificial Stones	•	•	•	•	• • •	• • •	•	•	•	•	•	•	• • •	•	•	•	•
	Natural Stones	•	•	•	•	• • •	• • •	•	•	•	•	•	•	• • •	•	•	•	•
	Asphalt	•	•	•	•	• • •	• •	•	•	•	•	•	•	• • •	•	•	•	•
	Concrete products, floor pavements	•	•	•	•	• • •	• • •	•	•	•	•	•	•	• • •	•	•	•	•
Steel Rail Profiles	60 kg/m	-	-	-	-	-	-	-	-	-	•	• •	•	•	• •	• • •	•	•
	54 kg/m	-	-	-	-	-	-	-	-	-	•	• •	•	•	• •	• • •	•	•
	49 kg/m	-	-	-	-	-	-	-	-	-	•	• •	•	•	• •	• • •	•	•

Cutting Discs for Metal

A 36 T BF80



Specifications:

With its long life and fast cutting, it's a high performance disc for iron and steel cutting.

Where to use:

Especially for profile, pipe or general solid iron types and general construction steels.

Advantages:

- Economic
- Fast cut
- Long-life

THIN LINE

Specifications:

Metal thinline cutting disc is a high performance cutting disc which combines your comfort with its smooth cut for all iron and steel types.Thanks to its thin and strong structure, it gives confidence to the user.

Where to use:

Pipe, profile, sheetplate and all general types of solid iron and steel.

Advantages:

- Economic
- Smooth cut
- High fast cut

Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
100 x 2.5 x 16		912850	A 36 T BF80	25	200	9 kg	80	8691499100108	
115 x 2.5 x 22		910020	A 36 T BF80	25	200	12 kg	80	8691499100207	
115 x 3.0 x 22		910910	A 36 T BF80	25	200	14 kg	80	8691499109101	
125 x 2.5 x 22		910030	A 36 T BF80	25	200	15 kg	80	8691499100306	
125 x 3.0 x 22		910920	A 36 T BF80	25	200	17 kg	80	8691499109200	
150 x 3.0 x 22		911180	A 36 T BF80	25	150	18 kg	80	8691499111807	
180 x 2.5 x 22		910930	A 36 T BF80	25	120	21 kg	80	8691499109309	
180 x 3.0 x 22		910040	A 36 T BF80	25	150	24 kg	80	8691499100405	
230 x 2.5 x 22		910940	A 36 T BF80	25	100	27 kg	80	8691499109408	
230 x 3.0 x 22		910050	A 36 T BF80	25	100	29 kg	80	8691499100504	
100 x 2.5 x 16		912840	A 36 T BF80	25	200	9 kg	80	8691499100603	
115 x 2.5 x 22		910070	A 36 T BF80	25	200	12 kg	80	8691499100702	
115 x 3.0 x 22		910950	A 36 T BF80	25	200	14 kg	80	8691499109507	
125 x 2.5 x 22		910080	A 36 T BF80	25	200	15 kg	80	8691499100801	
125 x 3.0 x 22		910960	A 36 T BF80	25	200	17 kg	80	8691499109606	
180 x 2.5 x 22		910970	A 36 T BF80	25	150	21 kg	80	8691499109705	
180 x 3.0 x 22		910090	A 36 T BF80	25	150	24 kg	80	8691499100900	
230 x 2.5 x 22		910980	A 36 T BF80	25	100	27 kg	80	8691499109804	
230 x 3.0 x 22		910100	A 36 T BF80	25	100	29 kg	80	8691499101006	

THIN LINE

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 1.0 x 22		910440	A 54 R BF80	25	300	9 kg	80	8691499104403	
115 x 1.6 x 22		910450	A 46 R BF80	25	300	13 kg	80	8691499104502	
125 x 1.0 x 22		910460	A 54 R BF80	25	300	11 kg	80	8691499104601	
125 x 1.6 x 22		910470	A 46 R BF80	25	300	15 kg	80	8691499104700	
180 x 1.9 x 22		910480	A 36 R BF80	25	150	19 kg	80	8691499104809	
230 x 1.9 x 22		910490	A 36 R BF80	25	150	21 kg	80	8691499104908	

Application Table

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron
√√√	√ √	√ √	√√	√√√	√√	√√



Stock Item Non Stock Item

Cutting Discs for Metal

A 30 T BF80



Specifications:

Industrial Metal Cutting Disc with its cutting speed on all types of steel in industry gives you high performance and long product life

Where to use:

For every type of industrial iron and steel.

Advantages:

- Economic
- Easy to use on every type of industrial iron and steel
- Fast cut
- Long life.

Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
100 x 2.5 x 16		910990	A 30 T BF80	25	200	10 kg	80	8691499109903	
115 x 2.5 x 22		910110	A 30 T BF80	25	200	13 kg	80	8691499101105	
125 x 2.5 x 22		910120	A 30 T BF80	25	200	16 kg	80	8691499101204	
180 x 3.0 x 22		910130	A 30 T BF80	25	150	25 kg	80	8691499101303	
230 x 3.0 x 22		910140	A 30 T BF80	25	100	30 kg	80	8691499101402	
100 x 2.5 x 16		911000	A 30 T BF80	25	200	10 kg	80	8691499110008	
115 x 2.5 x 22		910150	A 30 T BF80	25	200	13 kg	80	8691499101501	
125 x 2.5 x 22		910160	A 30 T BF80	25	200	16 kg	80	8691499101600	
180 x 3.0 x 22		910170	A 30 T BF80	25	150	25 kg	80	8691499101709	
230 x 3.0 x 22		910180	A 30 T BF80	25	150	30 kg	80	8691499101808	



Application Table

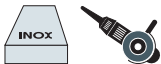
Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	Heat-resistant cast steels
√√√	√√√	√√√	√√√	√√√	√√	√√	√



Stock Item Non Stock Item

Cutting Discs for Stainless Steel

AA 24 S BF80



Specifications:
Inox cutting disc with its cutting speed on all types of stainless steel, gives you high performance and long product life. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:
Thick profiles, pipes, every type of solid stainless steel .

Advantages:

- Economic
- Long life

THIN LINE

Specifications:
Inox Thinline cutting disc combines comfort and high cutting speed performance for all types of stainless steel. Thanks to its thin and strong structure, it gives confidence to the user. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:
Pipe, profile, sheet plate and all general types of solid iron and steel.

Advantages:

- Economic
- Fast cut

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
100 x 2.5 x 16		911010	AA 24 S BF80	25	200	9 kg	80	8691499110107	
115 x 2.5 x 22		910190	AA 24 S BF80	25	200	12 kg	80	8691499101907	
125 x 2.5 x 22		910200	AA 24 S BF80	25	200	15 kg	80	8691499102003	
180 x 3.0 x 22		910210	AA 24 S BF80	25	150	24 kg	80	8691499102102	
230 x 3.0 x 22		910220	AA 24 S BF80	25	100	29 kg	80	8691499102201	
100 x 2.5 x 16		911020	AA 24 S BF80	25	200	9 kg	80	8691499110206	
115 x 2.5 x 22		910230	AA 24 S BF80	25	200	12 kg	80	8691499102300	
125 x 2.5 x 22		910240	AA 24 S BF80	25	200	15 kg	80	8691499102409	
180 x 3.0 x 22		910250	AA 24 S BF80	25	150	24 kg	80	8691499102508	
230 x 3.0 x 22		910260	AA 24 S BF80	25	100	29 kg	80	8691499102607	

THIN LINE

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 0.8 x 22		912490	AA 60 R BF80	25	300	7.5 kg	80	8691499124906	
125 x 0.8 x 22		912500	AA 60 R BF80	25	300	9 kg	80	8691499125002	
115 x 0.8 x 22		912510	AA 60 R BF80	25	300	7.5 kg	80	8691499125101	
125 x 0.8 x 22		912550	AA 60 R BF80	25	300	9 kg	80	8691499125507	
115 x 1.0 x 22		910380	AA 54 R BF80	25	300	9 kg	80	8691499103802	
115 x 1.2 x 22		911680	AA 54 R BF80	25	300	9 kg	80	8691499816801	
115 x 1.6 x 22		910390	AA 46 R BF80	25	300	13 kg	80	8691499103901	
125 x 1.0 x 22		910400	AA 54 R BF80	25	300	14 kg	80	8691499104007	
125 x 1.2 x 22		912590	AA 54 R BF80	25	300	13 kg	80	8691499125903	
125 x 1.6 x 22		910410	AA 46 R BF80	25	300	15 kg	80	8691499104106	
180 x 1.9 x 22		910420	AA 36 R BF80	25	150	19 kg	80	8691499104205	
230 x 1.9 x 22		910430	AA 36 R BF80	25	100	21 kg	80	8691499104304	

Application Table

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Inox, Stainless steels	Coracid
√ √	√ √	√ √	√ √	√ √	√ √ √	√ √ √

Cutting Discs for Stainless Steel

Cut & Cut

Specifications:
Cut&Cut Thinline cutting disc, combines comfort and high cutting speed performance for all types of iron and stainless steel. Thanks to its thin and strong structure, it gives confidence to the user. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use:
Pipe, profile, sheetplate and all types of solid iron and stainless steel. Can be used on non-ferrous metals such as titanium, copper, aluminium.

Advantages:

- Smooth cut
- Fast cut

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 1.0 x 22		910500	CuA 542 T BF80	25	300	9 kg	80	8691499105004	
115 x 1.6 x 22		910510	CuA 462 T BF80	25	300	13 kg	80	8691499105103	
125 x 1.0 x 22		910520	CuA 542 T BF80	25	300	14 kg	80	8691499105202	
125 x 1.6 x 22		910530	CuA 462 T BF80	25	300	15 kg	80	8691499105301	
180 x 1.9 x 22		910820	CuA 362 T BF80	25	250	19 kg	80	8691499108203	
230 x 1.9 x 22		910830	CuA 362 T BF80	25	150	21 kg	80	8691499108302	



Application Table

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Inox, Stainless steels	Coracid	Bearing Metals	Titanium	Copper, Aluminium, zinc, Alloys like brass, bronze etc.
√ √ √	√ √ √	√ √ √	√ √ √	√ √ √	√ √ √	√ √ √	√ √	√ √	√ √

Cutting Discs for Cast Iron

C 30 S BF80



Specifications:
It's a high performance cutting disc with its long life and cutting speed for general cast iron, concrete and stone

Where to use:
All types of cast iron. Additionally, for natural and artificial stones such as limestone, marble etc. in construction sector.

- Advantages:**
- Economic
 - Fast cut
 - Long-life

Box Color: | M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
100 x 2.5 x 16		911690	C 30 S BF80	25	200	7 kg	80	8691499116901	
115 x 2.5 x 22		910270	C 30 S BF80	25	200	8 kg	80	8691499102706	
125 x 2.5 x 22		910280	C 30 S BF80	25	200	14 kg	80	8691499102805	
180 x 3.0 x 22		910290	C 30 S BF80	25	150	23 kg	80	8691499102904	
230 x 3.0 x 22		910300	C 30 S BF80	25	100	28 kg	80	8691499103000	
100 x 2.5 x 16		911720	C 30 S BF80	25	200	7 kg	80	8691499117205	
115 x 2.5 x 22		910310	C 30 S BF80	25	200	8 kg	80	8691499103109	
125 x 2.5 x 22		910320	C 30 S BF80	25	200	14 kg	80	8691499103208	
180 x 3.0 x 22		910330	C 30 S BF80	25	150	23 kg	80	8691499103307	
230 x 3.0 x 22		10340	C 30 S BF80	25	100	28 kg	80	8691499103406	

Cutting Discs for Marble

C 30 R BF80



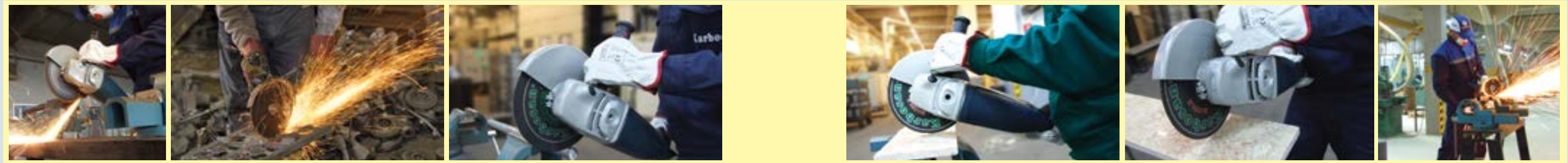
Specifications:
SC Marble Cutting Disc smooth speed cutting on tough materials such as limestone and marble is a high performance and long-life product.

Where to use:
Limestone, marble, natural stone etc.

- Advantages:**
- Economic
 - Smooth cutting(especially for marble)
 - Fast cut
 - Long life

Box Color: | M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
180 x 3.2 x 22		912720	C 30 R BF80	25	150	25 kg	80	8691499127204	
230 x 3.5 x 22		912730	C 30 R BF80	25	100	31 kg	80	8691499127303	
180 x 3.2 x 22		912760	C 30 R BF80	25	150	25 kg	80	8691499127601	
230 x 3.5 x 22		912750	C 30 R BF80	25	100	31 kg	80	8691499127500	



Application Table

Spherical Cast Iron (such as GGG40)	Grey cast Iron	Heat-resistant cast steels	Bearing Metals	Titanium	Copper, Aluminium, zinc, Alloys like brass, bronze etc.	Marble	Lime stone	Artifical Stones	Natural Stones	Asphalt	floor pavements
√√√	√√√	√ √	√√	√√	√√	√√	√√√	√√√	√√√	√√√	√√√

Application Table

Marble	Lime stone	Artifical Stones	Natural Stones	Asphalt	floor pavements
√√√	√√√	√√√	√√√	√√√	√√√

Cutting Discs for Cast Iron

ZA 30 TX BF80



Specifications:
ZA Cast Iron Cutting Disc combines high speed cutting period and high performance for ductile, grey casting, steel casting materials and general iron-steel types.

Where to use :
Ductile, grey casting, all materials made of steel casting and additionally pipe, profile and all solid metal types.

Advantages:

- High performance and long-life
- Fast and easy cut
- Applicability on all types of casting,iron and steel.



Box Color:  | M.Box Color: 

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 3.0 x 22		911590	ZA 30 TX BF80	25	200	14 kg	80	8691499115904	
125 x 3.0 x 22		911600	ZA 30 TX BF80	25	200	17 kg	80	8691499116000	
180 x 3.0 x 22		911610	ZA 30 TX BF80	25	150	24 kg	80	8691499116109	
230 x 2.5 x 22		912440	ZA 30 TX BF80	25	100	22 kg	80	8691499124401	
230 x 3.2 x 22		911270	ZA 30 TX BF80	25	100	27 kg	80	8691499116208	
115 x 3.0 x 22		911190	ZA 30 TX BF80	25	200	14 kg	80	8691499111906	
125 x 3.0 x 22		911200	ZA 30 TX BF80	25	200	17 kg	80	8691499112002	
180 x 3.0 x 22		911210	ZA 30 TX BF80	25	150	24 kg	80	8691499112101	
230 x 2.5 x 22		912450	ZA 30 TX BF80	25	100	22 kg	80	8691499124500	
230 x 3.2 x 22		911220	ZA 30 TX BF80	25	100	27 kg	80	8691499112200	

Application Table

Construction steels	Tool steels	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	Heat-resistant cast steels
√√√	√√√	√√√	√√√	√√√	√√√	√√√

Cutting Discs for Cast Iron

AC 36 SX BF80



Specifications:
AC Cast iron Cutting Disc combines high speed cutting period and high performance for ductile, grey casting, steel casting materials and general iron-steel types

Where to use :
Ductile, grey casting, all materials made of steel casting and additionally pipe, profile and all solid iron and steel types.

Advantages:

- High performance and long-life
- Fast and easy cut
- Applicability on all types of casting, iron and steel



Box Color:  | M.Box Color: 

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 3.0 x 22		911490	AC 36 SX BF80	25	200	14 kg	80	8691499114907	
125 x 3.0 x 22		911500	AC 36 SX BF80	25	200	17 kg	80	8691499115003	
180 x 3.0 x 22		911510	AC 36 SX BF80	25	150	24 kg	80	8691499115102	
230 x 3.0 x 22		911520	AC 36 SX BF80	25	100	22 kg	80	8691499115201	
230 x 3.5 x 22		911530	AC 36 SX BF80	25	100	27 kg	80	8691499115300	
115 x 3.0 x 22		911540	AC 36 SX BF80	25	200	14 kg	80	8691499115409	
125 x 3.0 x 22		911550	AC 36 SX BF80	25	200	27 kg	80	8691499115508	
180 x 3.0 x 22		911560	AC 36 SX BF80	25	150	24 kg	80	8691499115607	
230 x 3.0 x 22		911570	AC 36 SX BF80	25	100	22 kg	80	8691499115706	
230 x 3.5 x 22		911640	AC 36 SX BF80	25	100	27 kg	80	8691499116406	

Application Table

Construction steels	Tool steels	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	Heat-resistant cast steels
√√	√√	√√	√√	√√√	√√√	√√√

Cutting Discs for Aluminium

A 30 Q BF80



Specifications:

Aluminium Cutting Disc with its high cutting speed on alloys like aluminum, copper, zinc, bronze, brass and additionally on bearing metals gives you high performance and long product life.

Where to use :

Where to use: Alloys such as aluminium, copper, zinc, bronze, brass and additionally metal bearing.

Advantages:

- Applicability on all non-ferrous metals
- Non-clogging
- Long-life



Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 3.0 x 22		911050	A 36 Q BF80	25	200	14 kg	80	8691499110503	
125 x 3.0 x 22		911080	A 36 Q BF80	25	200	17 kg	80	8691499110800	
180 x 3.0 x 22		911100	A 36 Q BF80	25	150	24 kg	80	8691499111005	
230 x 3.0 x 22		911120	A 30 Q BF80	25	100	29 kg	80	8691499111203	

THIN LINE

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Statua
115 x 1.0 x 22		911030	A 54 Q BF80	25	300	9 kg	80	8691499110305	
115 x 1.6 x 22		911040	A 46 Q BF80	25	300	13 kg	80	8691499110404	
125 x 1.0 x 22		911060	A 54 Q BF80	25	300	11 kg	80	8691499110602	
125 x 1.6 x 22		911070	A 46 Q BF80	25	300	15 kg	80	8691499110701	
180 x 1.9 x 22		911090	A 36 Q BF80	25	150	19 kg	80	8691499110909	
230 x 1.9 x 22		911110	A 36 Q BF80	25	100	21 kg	80	8691499111104	

Application Table

Bearing Metals	Aluminium	Copper, zinc, alloys like brass, bronze etc.
√√√	√√√	√√√



Stock Item Non Stock Item

Metal Cutting for machines lower than 3 kw.



Specifications: Cutting Disc with its long life and fast cutting on general iron and steel gives you high performance on stationary machines lower than 3KW. **Where to use :** Profile, pipe or general solid iron types and general construction steel. **Advantages:** • Economic • High speed cutting • Long-life.

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GGG40)
√√√	√√	√√	√√	√√√	√√

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 2.8 x 25.4		911440	A 36 / 46 P BF80	25	50		80	8691499114402	
350 x 3.0 x 25.4		911450	A 36 / 46 P BF80	25	-		80	8691499114501	

Metal Cutting for machines higher than 3 kw.



Specifications: Cutting Disc with its long life and fast cutting on general iron and steel gives you high performance on stationary machines higher than 3KW. **Where to use :** Profile, pipe or general solid iron types and general construction steel. **Advantages:** • Economic • High speed cutting • Long-life.

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GGG40)
√√√	√√	√√	√√	√√√	√√

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 3.0 x 22		911710	A 30 / 36 P BF80	25	50	26 kg	80	8691499117106	
300 x 3.0 x 25.4		910840	A 30 / 36 P BF80	25	50	26 kg	80	8691499108401	
300 x 3.0 x 30		910850	A 30 / 36 P BF80	25	50	26 kg	80	8691499108500	
300 x 3.0 x 32		911760	A 30 / 36 P BF80	25	50	26 kg	80	8691499117601	
350 x 3.5 x 22		911790	A 30 / 36 P BF80	25	-	19 kg	80	8691499117908	
350 x 3.5 x 25.4		910860	A 30 / 36 P BF80	25	-	19 kg	80	8691499108609	
350 x 3.5 x 30		910870	A 30 / 36 P BF80	25	-	19 kg	80	8691499108708	
350 x 3.5 x 32		911800	A 30 / 36 P BF80	25	-	19 kg	80	8691499118004	
400 x 4.0 x 25.4		910880	A 30 / 36 P BF80	10	-	10 kg	80	8691499108807	
400 x 4.0 x 40		910890	A 30 / 36 P BF80	10	-	10 kg	80	8691499108906	
500 x 5.0 x 40		911290	A 30 / 36 P BF80	5	-	8 kg	80	8691499112903	
500 x 5.0 x 50		910900	A 30 / 36 P BF80	5	-	8 kg	80	8691499109002	

Aluminum Oxide Metal Cutting



Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GGG40)
√√√	√√	√√	√√	√√√	√√

Box Color: M.Box Color: The placement of the glass fibre reinforcement materials in the discs are as follows:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 3.5 x 25.4		911460	A 36 / 46 P BF80	25	50	30 kg	80	8691499114600	
350 x 3.5 x 25.4		911470	A 36 / 46 P BF80	25	-	15 kg	80	8691499114709	
400 x 4.0 x 25.4		911480	A 36 / 46 P BF80	10	-	10 kg	80	8691499114808	



Stock Item Non Stock Item



Al. Ox. Railway Cutting Discs

Specifications: Al. Ox. Railway Cutting Disc combines high speed cutting and excellent performance on all types of steel railway profiles.
Where to use : 60 kg/m - 54 kg/m - 49 kg/m steel railway profiles and additionally on all types of steel railway profiles
Advantages: • Fast and comfortable cutting • Applicability on all steel railway profiles

Steel Rail Profiles	60 kg/m	54 kg/m	49 kg/m
	√√	√√	√√√

Box Color: ■ M.Box Color: ■

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 3.5 x 20	—	911330	A 30 / 36 S BF80	25	50	30 kg	80	8691499113306	■
300 x 3.5 x 22	—	911340	A 30 / 36 S BF80	25	50	30 kg	80	8691499113405	■
300 x 3.5 x 25.4	—	911350	A 30 / 36 S BF80	25	50	30 kg	80	8691499113504	■
300 x 3.5 x 32	—	911770	A 30 / 36 S BF80	25	50	30 kg	80	8691499117700	■
350 x 4.0 x 20	—	911360	A 36 R BF100	25	-	19 kg	100	8691499113603	■
350 x 4.0 x 22	—	911370	A 36 R BF100	25	-	19 kg	100	8691499113702	■
350 x 4.0 x 25.4	—	911380	A 36 R BF100	25	-	19 kg	100	8691499113801	■



SiC Cast Iron Cutting

Specifications:
• Green silicon carbide abrasive grains
• General usage on stationary machines
• Specially suitable for carbide and carbide plated tools.
• Long life.

Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing Iron	Inox, Stainless steels	Coracid
√√√	√√√	√√√	√√√	√√√	√√√	√√√

Box Color: ■ M.Box Color: ■

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 3.5 x 20	—	911390	C 24 S BF80	25	50	30 kg	80	8691499113900	■
300 x 3.5 x 22	—	911400	C 24 S BF80	25	50	30 kg	80	8691499114006	■
300 x 3.5 x 25.4	—	911410	C 24 S BF80	25	50	30 kg	80	8691499114105	■
300 x 3.5 x 32	—	911780	C 24 S BF80	25	50	30 kg	80	8691499117809	■
350 x 4.0 x 20	—	911420	C 24 S BF100	25	-	19 kg	80	8691499114204	■
350 x 4.0 x 25.4	—	911630	C 24 S BF100	25	-	19 kg	80	8691499116307	■



▲ Stock Item ■ Non Stock Item

Cutting Discs for Rail

Rail Cutting

Specifications:

ZA Railway Cutting Disc provides high speed cutting performance on all types of steel railway profiles.

Where to use :

60 kg/m - 54 kg/m - 49 kg/m steel railway profiles and on all types of steel railway profiles

Advantages:

Fast and comfortable cutting applicability on all steel railway profiles



Box Color: ■ M.Box Color: ■

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
300 x 3.5 x 22	—	911300	ZA 30 R BF100	25	50	30 kg	80	8691499113009	■
350 x 4.0 x 22	—	911310	ZA 30 R BF100	25	-	19 kg	100	8691499113108	■
350 x 4.0 x 25.4	—	911320	ZA 30 R BF100	25	-	19 kg	100	8691499113207	▲



Zirconium disc for rail cutting



Application Table

Steel Rail Profiles	60 kg/m	54 kg/m	49 kg/m
	√√√	√√√	√√√



▲ Stock Item ■ Non Stock Item



G

Grinding Discs



Grinding Discs for Metal

A 24 RS BF80



Specifications:

Metal grinding disc provides a high burr removal capability of general types of iron and steel to give maximum performance and long life.

Where to use :

Metal grinding of profile plates, rebar and steel structures, such as iron and steels. It's generally used for surface grinding, rust removal, welding burrs and in processes like grinding of edges and burring after iron foundry operations.

Advantages:

- Economic
- High burr removal capability
- Long life

Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
100 x 6.4 x 16		910540	A 24 RS BF80	10	80	9 kg	80	8691499105400	
115 x 6.4 x 22		910550	A 24 RS BF80	10	80	12 kg	80	8691499105509	
125 x 6.4 x 22		910560	A 24 RS BF80	10	80	15 kg	80	8691499105608	
180 x 6.4 x 22		910570	A 24 RS BF80	10	60	23 kg	80	8691499105707	
180 x 8.0 x 22		910580	A 24 RS BF80	10	60	25 kg	80	8691499105806	
180 x 10 x 22		910590	A 24 RS BF80	5	30	16 kg	80	8691499105905	
230 x 6.4 x 22		910600	A 24 RS BF80	10	40	26 kg	80	8691499106001	
230 x 8.0 x 22		910610	A 24 RS BF80	10	40	28 kg	80	8691499106100	
230 x 10 x 22		910620	A 24 RS BF80	5	20	16 kg	80	8691499106209	



Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing Iron	Spherical Cast Iron (such as GGG40)	Grey cast iron
√√	√√√	√√	√√	√√	√√√	√√	√√



Stock Item Non Stock Item

Grinding Discs for Metal

A 30 Q BF80



Specifications:

Metal Plus grinding disc provides a high burr removal capability of rail steels and high performance with long life for the general types of iron and steel, soft steels, hardened steels, cast irons, cast steel grades.

Where to use :

Metal grinding of profile, rebar and steel structures such as iron and steels, soft steels, hardened steels, cast iron and cast steel grades. It's also used for rail steels surface grinding, rust removal, welding burrs, grinding of corners, burring after iron foundry operations and surface grinding of iron rails.

Advantages:

- High burr removal capability
- Long life

Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	
115 x 6.4 x 22		910630	A 30 Q BF80	10	80	12 kg	80	8691499106308	
125 x 6.4 x 22		910640	A 30 Q BF80	10	80	15 kg	80	8691499106407	
180 x 6.4 x 22		910650	A 30 Q BF80	10	60	23 kg	80	8691499106506	
180 x 8.0 x 22		910660	A 30 Q BF80	10	60	25 kg	80	8691499106605	
230 x 6.4 x 22		910670	A 30 Q BF80	10	40	26 kg	80	8691499106704	
230 x 8.0 x 22		911430	A 30 Q BF80	10	40	28 kg	80	8691499114303	



Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing Iron	Spherical Cast Iron (such as GGG40)	Grey cast iron	Heat-resistant cast steels	60 kg/m	54 kg/m	49 kg/m
√√√	√√√	√√√	√√√	√√√	√√√	√√	√√	√√√	√√	√√	√√



Stock Item Non Stock Item

Grinding Discs for Stainless Steel

AA 24 P BF80



Specifications:
Stainless steel grinding disc provides a high burr removal capability and a maximum performance with long life for stainless steel materials; hardened steel and soft steel grades. It doesn't contain iron, so that it doesn't create the effect of corrosion on stainless steel surfaces.

Where to use :
It's especially convenient for stainless steel sheets, stainless steel plates, general types of construction steels, soft steels, hardened steels, rail steels. It's used for surface grinding, corner grinding, rust cleaning and in processes like burring after iron foundry operations and surface grinding of iron rails.

Advantages:

- High burr removal capability on stainless steel materials
- Long life

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 6.4 x 22		910680	AA 24 P BF80	10	80	12 kg	80	8691499106803	▲
125 x 6.4 x 22		910690	AA 24 P BF80	10	80	15 kg	80	8691499106902	▲
180 x 6.4 x 22		910700	AA 24 P BF80	10	60	23 kg	80	8691499107008	▲
180 x 8.0 x 22		910710	AA 24 P BF80	10	60	25 kg	80	8691499107107	▲
230 x 6.4 x 22		910720	AA 24 P BF80	10	40	26 kg	80	8691499107206	▲



Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nickel - Mangan - Cobalt	Concrete reinforcing Iron	Inox, Stainless steels	Coracid
√√√	√√	√√	√√	√√	√√	√√√	√√√

Grinding Discs for Cast Iron

C 24 S BF80



Specifications:
SC grinding disc provides a high burr removal capability and a maximum performance with long life for general types of iron foundry, concrete and stone products.

Where to use :
It's especially convenient for all kinds of cast iron, lime stones which are used in construction, natural and artificial stone materials like marble. It can be used for surface grinding, cleaning and grinding of corners. It's used for removal of burrs after foundry process.

Advantages:

- Economical
- High burr removal capability
- Long life

Box Color: M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 6.4 x 22		910730	C 24 S BF80	10	80	11 kg	80	8691499107305	▲
125 x 6.4 x 22		910740	C 24 S BF80	10	80	14 kg	80	8691499107404	■
180 x 6.4 x 22		910750	C 24 S BF80	10	60	22 kg	80	8691499107503	▲
180 x 8.0 x 22		910760	C 24 S BF80	10	60	28 kg	80	8691499107602	▲
230 x 6.4 x 22		910770	C 24 S BF80	10	40	25 kg	80	8691499107701	▲

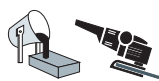


Application Table

Weld Seams	Spherical Cast Iron	Grey Cast Iron	Heat-resistant Cast Iron	Bearing Metals	Titanium	Copper, aluminium, zinc, alloy like bras, bronze etc.	Marble	Lime Stone	Artificial Stones	Asphalt	Natural Stones
√√	√√√	√√√	√√	√√	√√	√√	√√	√√√	√√√	√√√	√√√

Grinding Discs for Cast Iron

ZA 24 R BF80



Ductile Casting

Specifications:

ZA 24 R Foundry grinding disc provides a high burr removal capability and a maximum performance with long life for ductile, cast iron, gray iron casting, welding burrs, steel rail beams and general types of iron-steel. In particular, the usage in "High Frequency" engines is recommended.

Where to use :

It's convenient for ductile and all types of materials which are produced by cast iron, such as gray iron castings. It's used for grinding, burr removing and surface cleaning of those materials. It's also used on processes such as surface grinding, rust removal, welding burrs, grinding of corners for general types of iron and steel, soft steels, hardened steels and rail steels.

Advantages:

- High performance for difficult works
- High burr removal capability
- Long life



Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
230 x 7.0 x 22		910810	ZA 24 R BF80	10	40	37.8 kg	80	8691499108107	

Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	60 kg/m	54 kg/m	49 kg/m
√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√



Stock Item Non Stock Item

Grinding Discs for Cast Iron

ZA 24 S BF80



Steel Casting

Specifications:

ZA 24 S casting grinding disc provides a high burr removal capability and a maximum performance with long life for steel casting such as ductile, cast iron and gray iron casting, welding burrs, steel rail beams and general types of iron-steel. In particular, the usage in "High Frequency" engines is recommended.

Where to use :

It's convenient for steel casting such as ductile and all types of materials which are produced by cast iron, such as gray iron castings. It's used for grinding, burr removing and surface cleaning of those materials. It's also used on processes such as surface grinding, rust removal, welding burrs, grinding of corners for general types of iron and steel, soft steels, hardened steels and rail steels.

Advantages:

- High performance for difficult works
- High burr removal capability
- Long life



Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
230 x 7.0 x 22		912610	ZA 24 S BF80	10	40	37.8 kg	80	8691499126101	

Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	60 kg/m	54 kg/m	49 kg/m
√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√



Stock Item Non Stock Item

Grinding Discs for Aluminium

A 24 N BF80



Specifications:
Aluminum grinding disc provides a fast grinding and a maximum performance with long life especially for aluminium, copper, zinc, bronze and brass as well as the metal bearing and all types of non-ferrous metals .

Where to use :
It's convenient for aluminium, copper, zinc, bronze and brass. It can be used on the metal bearing and non-ferrous metals. It's also used on processes like surface grinding, cleaning and corners grinding.

Advantages:

- Applicability on all types of non-ferrous metals
- High burr removal capability without clogging
- Long life

Box Color: | M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 6.4 x 22		911230	A 24 N BF80	10	80	12.4 kg	80	8691499112309	
125 x 6.4 x 22		911240	A 24 N BF80	10	80	14.6 kg	80	8691499112408	
180 x 6.4 x 22		911250	A 24 N BF80	10	60	23.4 kg	80	8691499112507	
180 x 8.0 x 22		911840	A 24 N BF80	10	60	28.5 kg	80	8691499118400	
230 x 6.4 x 22		911260	A 24 N BF80	10	40	26 kg	80	8691499112606	

Application Table

Bearing Metals	Aluminium	Copper, zinc, alloys like brass, bronze etc.
√√√	√√√	√√√

A 24/36 ST BF80



Dual Purpose Discs for Metal

Specifications:
Dual Purpose grinding disc is a product which has a special conception. It can be used on iron-steel materials and rebar. It allows cutting and grinding without the application need of a second product. After cutting process, it cleans the emerging burrs. It allows confidence on grinding operations with its strong and thin structure.

Where to use :
It's convenient for plates, profiles, metal sheets, all types of iron-steel materials such as rebar and construction steels. It's used for removal of burrs after cutting process.

Advantages:

- Ability to make both grinding and cutting process
- Fast and easy cut

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 4.0 x 22		911130	A 24 / 36 ST BF80	25	50	16 kg.	80	8691499111302	
125 x 4.0 x 22		911140	A 24 / 36 ST BF80	25	50	18 kg.	80	8691499111401	
180 x 4.0 x 22		911150	A 24 / 36 ST BF80	25	50	26 kg.	80	8691499111500	
230 x 4.0 x 22		911160	A 24 / 36 ST BF80	25	50	32 kg.	80	8691499111609	

Application Table

Weld Seams	Construction steels	Tool steels	Hardox	That contains Chrome - Nikel - Mangan - Cobalt	Concrete reinforcing Iron	Spherical Cast Iron (such as GGG40)	Grey cast Iron
√√	√√√	√√	√√	√√	√√√	√√	√√



Stock Item Non Stock Item

Grinding Wheels



Vitrified Wheels

Vitrified Wheels

Karbosan reflects its experience in vitrified wheels in production and fullfills the needs of all the branches of industry. These wheels are used in industries such as iron and steel, automotive, machinery manufacturing, casting processing, maintenance, glass and marble.

Can be used as:

- Surface grinding wheels
- Cylindrical grinding wheels
- Internal grinding wheels
- Centerless grinding wheels
- Finishing stones
- Saw sharpening wheels
- Carbide grinding wheels
- Grinding wheels for glass
- Cup wheels
- Grinding wheels for gear
- Mounted points



Vitrified Wheels

Flat Wheels for Cylindrical & Surface Grinding



Where to use:

- Mold manufacturing industry
- Profile and angle grinding
- Automotive spare parts
- Cylinder cover surfaces,
- Leather and textile industry
- Knife sharpening
- Internal grinding industry

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
150 x 20 x 20	▬ ▬ ▬	914450	36	EKR 36 K6	5	•	3.8 kg	35	8691499144508
175 x 20 x 20	▬ ▬ ▬	914480	36	EKR 36 K6	5	•	5.2 kg	35	8691499144805
250 x 25 x 76.2	▬ ▬ ▬	914490	36	EKR 36 K6	5	•	12 kg	35	8691499144904
250 x 30 x 76.2	▬ ▬ ▬	914520	36	EKR 36 K6	3	•	8.7 kg	35	8691499145208
250 x 32 x 76.2	▬ ▬ ▬	914770	36	EKR 36 K6	3	•	9.3 kg	35	8691499147707
250 x 40 x 76.2	▬ ▬ ▬	914560	36	EKR 36 K6	2	•	7.8 kg	35	8691499145604
300 x 40 x 127	▬ ▬ ▬	914590	36	EKR 36 K6	2	•	10 kg	35	8691499145901
350 x 40 x 127	▬ ▬ ▬	914640	36	EKR 36 K6	2	•	14.6 kg	35	8691499146403
350 x 50 x 127	▬ ▬ ▬	914670	36	EKR 36 K6	1	•	9 kg	35	8691499146700
400 x 40 x 127	▬ ▬ ▬	914700	36	EKR 36 K6	1	•	10 kg	35	8691499147004
150 x 20 x 20	▬ ▬ ▬	914460	46	EKR 46 K6	5	•	4 kg	35	8691499144607
175 x 20 x 20	▬ ▬ ▬	914730	46	EKR 46 K6	5	•	5.2 kg	35	8691499147301
200 x 20 x 20	▬ ▬ ▬	914750	46	EKR 46 K6	5	•	7 kg	35	8691499147509
250 x 25 x 76.2	▬ ▬ ▬	914500	46	EKR 46 K6	5	•	12.2 kg	35	8691499145000
250 x 30 x 76.2	▬ ▬ ▬	914530	46	EKR 46 K6	3	•	8.8 kg	35	8691499145307
250 x 32 x 76.2	▬ ▬ ▬	914780	46	EKR 46 K6	3	•	9.4 kg	35	8691499147806
250 x 40 x 76.2	▬ ▬ ▬	914570	46	EKR 46 K6	2	•	8 kg	35	8691499145703
300 x 40 x 76.2	▬ ▬ ▬	914620	46	EKR 46 K6	2	•	11.6 kg	35	8691499146205
300 x 40 x 127	▬ ▬ ▬	914600	46	EKR 46 K6	2	•	10.2 kg	35	8691499146007
350 x 40 x 127	▬ ▬ ▬	914650	46	EKR 46 K6	2	•	14.7 kg	35	8691499146502
350 x 50 x 127	▬ ▬ ▬	914680	46	EKR 46 K6	1	•	9.2 kg	35	8691499146809
400 x 40 x 127	▬ ▬ ▬	914710	46	EKR 46 K6	1	•	10 kg	35	8691499147103
150 x 20 x 20	▬ ▬ ▬	914470	60	EKR 60 K6	5	•	4 kg	35	8691499147706
175 x 20 x 20	▬ ▬ ▬	914740	60	EKR 60 K6	5	•	5.3 kg	35	8691499147400
200 x 20 x 20	▬ ▬ ▬	914760	60	EKR 60 K6	5	•	7 kg	35	8691499147608
250 x 25 x 76.2	▬ ▬ ▬	914510	60	EKR 60 K6	5	•	12.4 kg	35	8691499145109
250 x 30 x 76.2	▬ ▬ ▬	914540	60	EKR 60 K6	3	•	9 kg	35	8691499145406
250 x 32 x 76.2	▬ ▬ ▬	914550	60	EKR 60 K6	3	•	9.5 kg	35	8691499147505
250 x 40 x 76.2	▬ ▬ ▬	914580	60	EKR 60 K6	2	•	8 kg	35	8691499145802
300 x 40 x 76.2	▬ ▬ ▬	914630	60	EKR 60 K6	2	•	11.7 kg	35	8691499146304
300 x 40 x 127	▬ ▬ ▬	914610	60	EKR 60 K6	2	•	10.3 kg	35	8691499146106
350 x 40 x 127	▬ ▬ ▬	914660	60	EKR 60 K6	2	•	14.8 kg	35	8691499146601
350 x 50 x 127	▬ ▬ ▬	914690	60	EKR 60 K6	1	•	9.3 kg	35	8691499146908
400 x 40 x 127	▬ ▬ ▬	914720	60	EKR 60 K6	1	•	10 kg	35	8691499147202

Vitrified Wheels

Al. Ox. Bench Grinding Wheels



Characteristics:

Aluminium oxide grains • General usage • Ideal performance on every type of steel Karbosan general purpose abrasives are manufactured in various dimensions and specifications for surface grinding, cylindrical grinding and grinding of tools. These wheels are used with stationary grinding machines and portable low speed grinding machines.

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
75 x 13 x 10	■	•	24	NK 24 Q 5	5	•	0.8 kg	35	•
100 x 13 x 10	■	•	24	NK 24 Q 5	5	•	1.3 kg	35	•
100 x 16 x 20	■	•	24	NK 24 Q 5	5	•	1.6 kg	35	•
125 x 16 x 16	■	•	24	NK 24 Q 5	5	•	2.5 kg	35	•
125 x 20 x 20	■	914820	24	NK 24 Q 5	5	•	3.0 kg	35	8691499148209
150 x 20 x 20	■	914860	24	NK 24 Q 5	5	•	4.4 kg	35	8691499148605
150 x 25 x 20	■	914900	24	NK 24 Q 5	5	•	5.5 kg	35	8691499149008
175 x 20 x 20	■	914940	24	NK 24 Q 5	5	•	6.0 kg	35	8691499149404
175 x 25 x 20	■	914980	24	NK 24 Q 5	5	•	7.6 kg	35	8691499149800
200 x 20 x 20	■	920020	24	NK 24 Q 5	5	•	7.9 kg	35	8691499200204
200 x 25 x 20	■	920060	24	NK 24 Q 5	5	•	10 kg	35	8691499200600
200 x 30 x 20	■	920100	24	NK 24 Q 5	4	•	9.5 kg	35	8691499201003
200 x 32 x 20	■	920130	24	NK 24 Q 5	4	•	10 kg	35	8691499201300
250 x 25 x 25	■	920180	24	NK 24 Q 5	5	•	15.4 kg	35	8691499201805
250 x 30 x 25	■	920210	24	NK 24 Q 5	3	•	11 kg	35	8691499202109
250 x 32 x 25	■	920240	24	NK 24 Q 5	3	•	12 kg	35	8691499202406
250 x 40 x 25	■	920270	24	NK 24 Q 5	2	•	10 kg	35	8691499202703
300 x 30 x 30	■	920300	24	NK 24 Q 5	2	•	10.7 kg	35	8691499203007
300 x 32 x 30	■	920330	24	NK 24 Q 5	2	•	11.4 kg	35	8691499203304
300 x 40 x 30	■	920360	24	NK 24 Q 5	2	•	14.2 kg	35	8691499203601
350 x 40 x 40	■	920390	24	NK 24 Q 5	2	•	19.3 kg	35	8691499203908
400 x 40 x 40	■	920420	24	NK 24 Q 5	1	•	12.6 kg	35	8691499204202
75 x 13 x 10	■	913010	36	NK 36 P 5	5	•	0.7 kg	35	8691499130105
100 x 13 x 10	■	913040	36	NK 36 P 5	5	•	1.3 kg	35	8691499130402
100 x 16 x 20	■	913070	36	NK 36 P 5	5	•	1.5 kg	35	8691499130709
125 x 16 x 16	■	914790	36	NK 36 P 5	5	•	2.4 kg	35	8691499147905
125 x 20 x 20	■	914830	36	NK 36 P 5	5	•	3 kg	35	8691499148308
150 x 20 x 20	■	914870	36	NK 36 P 5	5	•	4.3 kg	35	8691499148704
150 x 25 x 20	■	914910	36	NK 36 P 5	5	•	5.4 kg	35	8691499149107
175 x 20 x 20	■	914950	36	NK 36 P 5	5	•	6 kg	35	8691499149503
175 x 25 x 20	■	914990	36	NK 36 P 5	5	•	7.4 kg	35	8691499149909
200 x 20 x 20	■	920030	36	NK 36 P 5	5	•	7.7 kg	35	8691499200303
200 x 25 x 20	■	920070	36	NK 36 P 5	5	•	9.6 kg	35	8691499200709
200 x 30 x 20	■	920110	36	NK 36 P 5	4	•	9.2 kg	35	8691499201102
200 x 32 x 20	■	920140	36	NK 36 P 5	4	•	9.8 kg	35	8691499201409
250 x 25 x 25	■	920190	36	NK 36 P 5	5	•	15 kg	35	8691499201904
250 x 30 x 25	■	920220	36	NK 36 P 5	3	•	10.8 kg	35	8691499202208
250 x 32 x 25	■	920250	36	NK 36 P 5	3	•	11.5 kg	35	8691499202505
250 x 40 x 25	■	920280	36	NK 36 P 5	2	•	9.6 kg	35	8691499202802
300 x 30 x 30	■	920310	36	NK 36 P 5	2	•	10.4 kg	35	8691499203106
300 x 32 x 30	■	920340	36	NK 36 P 5	2	•	11 kg	35	8691499203403
300 x 40 x 30	■	920370	36	NK 36 P 5	2	•	13.8 kg	35	8691499203700
350 x 40 x 40	■	920400	36	NK 36 P 5	2	•	18.7 kg	35	8691499204004
400 x 40 x 40	■	920430	36	NK 36 P 5	1	•	12.3 kg	35	8691499204301

Vitrified Wheels

Al. Ox. Bench Grinding Wheels

For the grinding of the metals that contain iron, you can see below the recommended application areas according to their grits.

- **Very coarse:** They are used for manual grinding operations which can remove the burrs.
- **Coarse:** They are used for rough grinding operations of cutters and other parts.
- **Medium:** They are used for general grinding operations with an acceptable accuracy.
- **Fine:** They are used for fine grinding and final sharpening operations.

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
75 x 13 x 10	■	913020	46	NK 46 O 5	5	•	0.7 kg	35	8691499130204
100 x 13 x 10	■	913050	46	NK 46 O 5	5	•	1.3 kg	35	8691499130501
100 x 16 x 20	■	913080	46	NK 46 O 5	5	•	1.5 kg	35	8691499130808
125 x 16 x 16	■	914800	46	NK 46 O 5	5	•	2.4 kg	35	8691499148001
125 x 20 x 20	■	914840	46	NK 46 O 5	5	•	3 kg	35	8691499148407
150 x 20 x 20	■	914880	46	NK 46 O 5	5	•	4.3 kg	35	8691499148803
150 x 25 x 20	■	914920	46	NK 46 O 5	5	•	5.3 kg	35	8691499149206
175 x 20 x 20	■	914960	46	NK 46 O 5	5	•	5.8 kg	35	8691499149602
175 x 25 x 20	■	920000	46	NK 46 O 5	5	•	7.3 kg	35	8691499200006
200 x 20 x 20	■	920040	46	NK 46 O 5	5	•	7.6 kg	35	8691499200402
200 x 25 x 20	■	920080	46	NK 46 O 5	5	•	9.5 kg	35	8691499200808
200 x 30 x 20	■	920120	46	NK 46 O 5	4	•	9 kg	35	8691499201201
200 x 32 x 20	■	920150	46	NK 46 O 5	4	•	9.7 kg	35	8691499201508
250 x 25 x 25	■	920200	46	NK 46 O 5	5	•	14.8 kg	35	8691499202000
250 x 30 x 25	■	920230	46	NK 46 O 5	3	•	10.7 kg	35	8691499202307
250 x 32 x 25	■	920260	46	NK 46 O 5	3	•	11.4 kg	35	8691499202604
250 x 40 x 25	■	920290	46	NK 46 O 5	2	•	9.5 kg	35	8691499202901
300 x 30 x 30	■	920320	46	NK 46 O 5	2	•	10.3 kg	35	8691499203205
300 x 32 x 30	■	920350	46	NK 46 O 5	2	•	11 kg	35	8691499203502
300 x 40 x 30	■	920380	46	NK 46 O 5	2	•	13.7 kg	35	8691499203809
350 x 40 x 40	■	920410	46	NK 46 O 5	2	•	18.5 kg	35	8691499204103
400 x 40 x 40	■	920440	46	NK 46 O 5	1	•	12 kg	35	8691499204400
75 x 13 x 10	■	913030	60	NK 60 N 5	5	•	0.7 kg	35	8691499130303
100 x 13 x 10	■	913060	60	NK 60 N 5	5	•	1.3 kg	35	8691499130600
100 x 16 x 20	■	913090	60	NK 60 N 5	5	•	1.5 kg	35	8691499130907
125 x 16 x 16	■	914810	60	NK 60 N 5	5	•	2.4 kg	35	8691499148100
125 x 20 x 20	■	914850	60	NK 60 N 5	5	•	2.9 kg	35	8691499148506
150 x 20 x 20	■	914890	60	NK 60 N 5	5	•	4.2 kg	35	8691499148902
150 x 25 x 20	■	914930	60	NK 60 N 5	5	•	5.3 kg	35	8691499149305
175 x 20 x 20	■	914970	60	NK 60 N 5	5	•	5.7 kg	35	8691499149701
175 x 25 x 20	■	920010	60	NK 60 N 5	5	•	7.2 kg	35	8691499200105
200 x 20 x 20	■	920050	60	NK 60 N 5	5	•	7.5 kg	35	8691499200501
200 x 25 x 20	■	•	60	NK 60 N 5	5	•	9.4 kg	35	•
200 x 30 x 20	■	•	60	NK 60 N 5	4	•	9 kg	35	•
200 x 32 x 20	■	•	60	NK 60 N 5	4	•	9.6 kg	35	•
250 x 25 x 25	■	•	60	NK 60 N 5	5	•	14.6 kg	35	•
250 x 30 x 25	■	•	60	NK 60 N 5	3	•	10.5 kg	35	•
250 x 32 x 25	■	•	60	NK 60 N 5	3	•	11.2 kg	35	•
250 x 40 x 25	■	•	60	NK 60 N 5	2	•	9.4 kg	35	•
300 x 30 x 30	■	•	60	NK 60 N 5	2	•	10 kg	35	•
300 x 32 x 30	■	•	60	NK 60 N 5	2	•	10.8 kg	35	•
300 x 40 x 30	■	•	60	NK 60 N 5	2	•	13.5 kg	35	•
350 x 40 x 40	■	•	60	NK 60 N 5	2	•	18.3 kg	35	•
400 x 40 x 40	■	•	60	NK 60 N 5	1	•	12 kg	35	•

Vitrified Wheels

Grinding Wheels for Glass



Where to use:
Grinding and polishing of glass and crystal.

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
300 x 30 x 30		914370	100	SCG 100 L5	2	•	8.2 kg	32	8691499143709
350 x 30 x 35		914380	100	SCG 100 L5	2	•	11 kg	32	8691499143808
350 x 50 x 40		914330	80	NK 80 M6 V	1	•	11.6 kg	32	8691499143303
400 x 50 x 40		914390	80	NK 80 M6 V	1	•	15.2 kg	32	8691499143907
$\frac{350 \times 50}{180 \times 30} \times 40$		911440	80	NK 80 M6 V	1	•	9.8 kg	32	8691499114402
$\frac{400 \times 50}{180 \times 30} \times 40$		914420	80	NK 80 M6 V	1	•	13.4 kg	32	8691499114204

Vitrified Wheels

Saw Sharpening



Where to use:
Saw sharpening wheels are used to grind and to give various forms to the saws. They are also used on the saw production and wood products industry.



Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
150 x 6.0 x 20		913960	60	NK 60 N5	10	•	2.3 kg	35	8691499139603
150 x 8.0 x 20		913980	60	NK 60 N5	10	•	3 kg	35	8691499139801
150 x 10 x 20		913940	60	NK 60 N5	10	•	3.6 kg	35	8691499139405
175 x 8.0 x 20		914190	60	NK 60 N5	10	•	4 kg	35	8691499141903
175 x 10 x 20		914160	60	NK 60 N5	10	•	5 kg	35	8691499141606
200 x 8.0 x 20		914290	60	NK 60 N5	10	•	5.5 kg	35	8691499142900
200 x 10 x 20		914260	60	NK 60 N5	10	•	6.7 kg	35	8691499142603
250 x 10 x 25		914360	60	NK 60 N5	10	•	10.6 kg	35	8691499143600
150 x 6.0 x 20		913970	80	NK 80 M5	10	•	2.3 kg	35	8691499139702
150 x 8.0 x 20		913990	80	NK 80 M5	10	•	2.9 kg	35	8691499139900
150 x 10 x 20		913950	80	NK 80 M5	10	•	3.5 kg	35	8691499139504
175 x 8.0 x 20		914240	80	NK 80 M5	10	•	4 kg	35	8691499142405
175 x 10 x 20		914170	80	NK 80 M5	10	•	5 kg	35	8691499141705
200 x 8.0 x 20		914340	80	NK 80 M5	10	•	5.3 kg	35	8691499143402
200 x 10 x 20		914270	80	NK 80 M5	10	•	6.5 kg	35	8691499142702
250 x 10 x 25		920830	80	NK 80 M5	10	•	10.4 kg	35	8691499208309
150 x 6.0 x 20		•	60	EKR 60 K6	10	•	2.2 kg	35	•
150 x 8.0 x 20		•	60	EKR 60 K6	10	•	2.8 kg	35	•
150 x 10 x 20		•	60	EKR 60 K6	10	•	3.4 kg	35	•
175 x 8.0 x 20		914180	60	EKR 60 K6	10	•	4 kg	35	8691499141804
175 x 10 x 20		914150	60	EKR 60 K6	10	•	4.7 kg	35	8691499141507
200 x 8.0 x 20		914280	60	EKR 60 K6	10	•	5 kg	35	8691499142801
200 x 10 x 20		914250	60	EKR 60 K6	10	•	6.2 kg	35	8691499142504
250 x 10 x 25		914350	60	EKR 60 K6	10	•	10 kg	35	8691499143501

Vitrified Wheels

Silicon Carbide Bench Grinding Wheels



- Where to use:
- For sharpening of carbide tools
 - For bench grinding machines

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
125 x 20 x 25		920450	80	SCG 80 J 5 V	5	•	2.3 kg	35	8691499204509
150 x 20 x 20		920470	80	SCG 80 J 5 V	5	•	3.3 kg	35	8691499204707
150 x 25 x 20		920480	80	SCG 80 J 5 V	5	•	4.2 kg	35	8691499204806
175 x 20 x 20		920490	80	SCG 80 J 5 V	5	•	4.5 kg	35	8691499204905
175 x 25 x 20		920500	80	SCG 80 J 5 V	5	•	5.7 kg	35	8691499205001
200 x 20 x 20		920510	80	SCG 80 J 5 V	5	•	5.9 kg	35	8691499205100
200 x 25 x 20		920520	80	SCG 80 J 5 V	5	•	7.4 kg	35	8691499205209
200 x 32 x 20		920530	80	SCG 80 J 5 V	4	•	7.6 kg	35	8691499205308
250 x 25 x 25		920540	80	SCG 80 J 5 V	5	•	11.5 kg	35	8691499205407
250 x 32 x 25		920550	80	SCG 80 J 5 V	3	•	9 kg	35	8691499205506
300 x 32 x 30		920570	100	SCG 100 L 5 V	2	•	8.7 kg	35	8691499205704



Vitrified Wheels

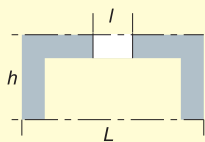
Cup Wheels



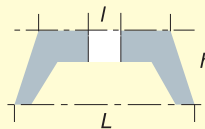
- Where to use:
- Karbosan cup wheels are produced in standard quality for multi-purpose use in flat and conical forms. These wheels are used for sharpening cutting edges. It is also possible to have it in various grits and shapes.They are only suitable for dry grinding operations.

Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
D 50		914000	60	EKR 60 K6	5	•	0.4 kg	35 m/s	8691499140005
D 75		914010	60	EKR 60 K6	5	•	1 kg	35 m/s	8691499140104
D 100		914020	60	EKR 60 K6	5	•	2 kg	35 m/s	8691499140203
D 125		914030	60	EKR 60 K6	5	•	3.8 kg	35 m/s	8691499140302
D 150		914040	60	EKR 60 K6	4	•	5.7 kg	35 m/s	8691499140401

Dimension						M.O.S.
D	T	E	J	K	H	1/min
75	30	8	53	45	20	9000
100	35	10	75	65	20	6700
125	45	12	92	80	20	5350
150	50	12	114	100	20	4500



Dimension						M.O.S.
D	T	E	W	H		1/min
75	40	8	4	20		9000
100	50	10	4	20		6700
125	63	12	7.5	20		5350
150	80	12	10	20		4500

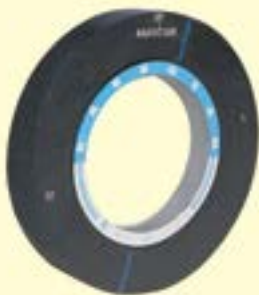


Dimension	Type	Article	Grit	Specification	Shrink	Master Box	Weight	m/s	Barcode
E 50		914100	60	EKR 60 K6	4	•	0.2 kg	35 m/s	8691499141002
E 75		914110	60	EKR 60 K6	4	•	0.5 kg	35 m/s	8691499141101
E 100		914120	60	EKR 60 K6	4	•	1 kg	35 m/s	8691499141200
E 125		914130	60	EKR 60 K6	4	•	1.6 kg	35 m/s	8691499141309
E 150		914140	60	EKR 60 K6	4	•	2.7 kg	35 m/s	8691499141408



Vitrified Wheels

Cylindrical Grinding Wheels



- Where to use:**
- Hydraulics industry
 - Spindle grinding
 - Automotive spare parts industry
 - Crankshaft grinding
 - Spare parts industry
 - Circular shaft and parts in the machine manufacturing industry



Centerless Grinding Wheels



- Where to use:**
- Automotive spare parts industry (valves and spindles), home appliance, damper shafts, pins, steel shafts, peeling operations.
- 350x200x203,2
 - 450x180x203,2
 - 500x100x203,2
 - 500x100x304,8
 - 500x125x304,8
 - 500x150x304,8
 - 500x250x304,8
 - 600x125x304,8
- These wheels are also produced in different sizes such as regulation wheels, driver stones etc.



Segment Stones



- Where to use:**
- Segment stones are designed to grind the wide surfaces of work components in a rapid way and to provide the required parallelism in measurements and surface roughness values. They are used for grinding the cylinder block and the head. Some common sizes:
- 100x35x20
 - 100x45/50x25
 - 100x60/50x22
 - 150x50x25
 - 160x73/53x20 etc. in various dimensions



Honing Stones



- Where to use:**
- Engine industry, cylinder repair, pneumatic and hydraulic piston production, cylinder, pump spare parts production and repairing. They are produced in different sizes like:
- 100x10x10
 - 100x13x10
 - 100x12x12
 - 100x15x15
 - 150x10x10
 - 160x12x10
 - 160x16x16
 - 160x20x20 etc.



Vitrified Wheels

Cup Wheels

Flaring cup wheel for surface grinding (with a threaded bushing M14)



S.C.

Dimension	Article	Specification	Grit	Shrink	m/s	Barcode
100 x 50 x 14	914200	S.C	16	4	35 m/s	8691499142009
125 x 50 x 14	914210	S.C	16	4	35 m/s	8691499142108
100 x 50 x 14	914220	S.C	24	4	35 m/s	8691499142207
125 x 50 x 14	914230	S.C	24	4	35 m/s	8691499142306



Flat cup wheel for surface grinding (with a threaded bushing M14)



S.C.

Dimension	Article	Specification	Grit	Shrink	m/s	Barcode
100 x 50 x 14	914300	S.C	16	5	35 m/s	8691499143006
125 x 50 x 14	914310	S.C	16	5	35 m/s	8691499143105
100 x 50 x 14	914320	S.C	24	5	35 m/s	8691499143204
125 x 50 x 14	914330	S.C	24	5	35 m/s	8691499143303



Flaring cup wheel for surface grinding



S.C.

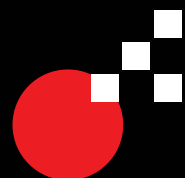
Dimension	Article	Specification	Grit	Shrink	m/s	Barcode
110 x 58 x 22	914400	S.C	16	4	35 m/s	8691499144003
110 x 58 x 22	914410	S.C	24	4	35 m/s	8691499144102



02.

Coated Abrasives

- Flap Discs
- Fibre Discs
- Abrasive Rolls
- Abrasive Belts
- Abrasive Sheets
- Flap Wheels
- Shaft Mounted Flap Wheels



Performance & Quality



abrasive
technology

45 years
high
Quality

Flap Discs

Al. Ox. Flap Discs



Strong, high quality flap disc for general metal working

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
100 x 16		930250	40	Aluminum Oxide	10	120	80	8691499302502	
100 x 16		930260	60	Aluminum Oxide	10	120	80	8691499302601	
100 x 16		930270	80	Aluminum Oxide	10	120	80	8691499302700	
100 x 16		930560	120	Aluminum Oxide	10	120	80	8691499305602	
115 x 22		930280	40	Aluminum Oxide	10	120	80	8691499302809	
115 x 22		930290	60	Aluminum Oxide	10	120	80	8691499302908	
115 x 22		930300	80	Aluminum Oxide	10	120	80	8691499303004	
115 x 22		930570	120	Aluminum Oxide	10	120	80	8691499305701	
125 x 22		930310	40	Aluminum Oxide	10	120	80	8691499303103	
125 x 22		930320	60	Aluminum Oxide	10	120	80	8691499303202	
125 x 22		930330	80	Aluminum Oxide	10	120	80	8691499303301	
125 x 22		930580	120	Aluminum Oxide	10	120	80	8691499305800	
180 x 22		930340	40	Aluminum Oxide	10	120	80	8691499303400	
180 x 22		930350	60	Aluminum Oxide	10	80	80	8691499303509	
180 x 22		930360	80	Aluminum Oxide	10	80	80	8691499303608	
180 x 22		930590	120	Aluminum Oxide	10	80	80	8691499305909	
100 x 16		930010	40	Aluminum Oxide	10	80	80	8691499300102	
100 x 16		930020	60	Aluminum Oxide	10	120	80	8691499300201	
100 x 16		930030	80	Aluminum Oxide	10	120	80	8691499300300	
100 x 16		930600	120	Aluminum Oxide	10	120	80	8691499306005	
115 x 22		930040	40	Aluminum Oxide	10	120	80	8691499300409	
115 x 22		930050	60	Aluminum Oxide	10	120	80	8691499300508	
115 x 22		930060	80	Aluminum Oxide	10	120	80	8691499300607	
115 x 22		930610	120	Aluminum Oxide	10	120	80	8691499306104	
125 x 22		930070	40	Aluminum Oxide	10	120	80	8691499300706	
125 x 22		930080	60	Aluminum Oxide	10	120	80	8691499300805	
125 x 22		930090	80	Aluminum Oxide	10	120	80	8691499300904	
125 x 22		930620	120	Aluminum Oxide	10	120	80	8691499306203	
180 x 22		930100	40	Aluminum Oxide	10	80	80	8691499301000	
180 x 22		930110	60	Aluminum Oxide	10	80	80	8691499301109	
180 x 22		930120	80	Aluminum Oxide	10	80	80	8691499301208	
180 x 22		930630	120	Aluminum Oxide	10	80	80	8691499306302	



Stock Item Non Stock Item

Flap Discs

ZR Flap Discs



Very strong flap disc quality, higher performance for heavy metal and stainless steel working

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
100 x 16		930370	40	Zirconia / Alumina	10	120	80	8691499303707	
100 x 16		930380	60	Zirconia / Alumina	10	120	80	8691499303806	
100 x 16		930390	80	Zirconia / Alumina	10	120	80	8691499303905	
100 x 16		930660	120	Zirconia / Alumina	10	120	80	8691499306609	
115 x 22		930400	40	Zirconia / Alumina	10	120	80	8691499304001	
115 x 22		930410	60	Zirconia / Alumina	10	120	80	8691499304100	
115 x 22		930420	80	Zirconia / Alumina	10	120	80	8691499304209	
115 x 22		930670	120	Zirconia / Alumina	10	120	80	8691499306708	
125 x 22		930430	40	Zirconia / Alumina	10	120	80	8691499304308	
125 x 22		930440	60	Zirconia / Alumina	10	120	80	8691499304407	
125 x 22		930450	80	Zirconia / Alumina	10	120	80	8691499304506	
125 x 22		930680	120	Zirconia / Alumina	10	120	80	8691499306807	
180 x 22		930460	40	Zirconia / Alumina	10	120	80	8691499304605	
180 x 22		930470	60	Zirconia / Alumina	10	80	80	8691499304704	
180 x 22		930480	80	Zirconia / Alumina	10	80	80	8691499304803	
180 x 22		930690	120	Zirconia / Alumina	10	80	80	8691499306906	
100 x 16		930130	40	Zirconia / Alumina	10	80	80	8691499301307	
100 x 16		930140	60	Zirconia / Alumina	10	120	80	8691499301406	
100 x 16		930150	80	Zirconia / Alumina	10	120	80	8691499301505	
100 x 16		930700	120	Zirconia / Alumina	10	120	80	8691499307002	
115 x 22		930160	40	Zirconia / Alumina	10	120	80	8691499301604	
115 x 22		930170	60	Zirconia / Alumina	10	120	80	8691499301703	
115 x 22		930180	80	Zirconia / Alumina	10	120	80	8691499301802	
115 x 22		930710	120	Zirconia / Alumina	10	120	80	8691499307101	
125 x 22		930190	40	Zirconia / Alumina	10	120	80	8691499301901	
125 x 22		930200	60	Zirconia / Alumina	10	120	80	8691499302007	
125 x 22		930210	80	Zirconia / Alumina	10	120	80	8691499302106	
125 x 22		930720	120	Zirconia / Alumina	10	120	80	8691499307200	
180 x 22		930220	40	Zirconia / Alumina	10	80	80	8691499302205	
180 x 22		930230	60	Zirconia / Alumina	10	80	80	8691499302304	
180 x 22		930240	80	Zirconia / Alumina	10	80	80	8691499302403	
180 x 22		930730	120	Zirconia / Alumina	10	80	80	8691499307309	



Stock Item Non Stock Item

Flap Discs

Inox Flap Discs



i 180 x 22 discs can be produced upon request.

High quality flap disc for general metal and smooth work on stainless steel

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
115 x 22		931360	40	Zirconia / Alumina	10	120	80	8691499 313607	▲
115 x 22		931440	60	Zirconia / Alumina	10	120	80	8691499 314406	▲
115 x 22		931520	80	Zirconia / Alumina	10	120	80	8691499 315205	▲
125 x 22		931370	40	Zirconia / Alumina	10	120	80	8691499 313706	■
125 x 22		931450	60	Zirconia / Alumina	10	120	80	8691499 315505	■
125 x 22		931530	80	Zirconia / Alumina	10	120	80	8691499 315304	■
115 x 22		931320	40	Zirconia / Alumina	10	120	80	8691499 313201	▲
115 x 22		931400	60	Zirconia / Alumina	10	120	80	8691499 314000	▲
115 x 22		931480	80	Zirconia / Alumina	10	120	80	8691499 314802	▲
125 x 22		931330	40	Zirconia / Alumina	10	120	80	8691499 313300	■
125 x 22		931410	60	Zirconia / Alumina	10	120	80	8691499 314109	■
125 x 22		931490	80	Zirconia / Alumina	10	120	80	8691499 314901	■



i ▲ Stock Item ■ Non Stock Item

Flap Discs

Ceramic Flap Discs

Cool cut with top coat ▲



i 180 x 22 discs can be produced upon request.

Specialized strong and very high quality flap disc for high alloy steels with top coating for cool cut.

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
115 x 22		931630	40	Ceramic / Aluminum Oxide	10	120	80	8691499 316301	■
115 x 22		931640	60	Ceramic / Aluminum Oxide	10	120	80	8691499 316400	■
115 x 22		931650	80	Ceramic / Aluminum Oxide	10	120	80	8691499 316509	■
125 x 22		931690	40	Ceramic / Aluminum Oxide	10	120	80	8691499 316905	■
125 x 22		931700	60	Ceramic / Aluminum Oxide	10	120	80	8691499 317001	■
125 x 22		931710	80	Ceramic / Aluminum Oxide	10	120	80	8691499 316600	■
115 x 22		931660	40	Ceramic / Aluminum Oxide	10	120	80	8691499 316608	■
115 x 22		931670	60	Ceramic / Aluminum Oxide	10	120	80	8691499 316707	■
115 x 22		931680	80	Ceramic / Aluminum Oxide	10	120	80	8691499 316806	■
125 x 22		931720	40	Ceramic / Aluminum Oxide	10	120	80	8691499 317209	■
125 x 22		931730	60	Ceramic / Aluminum Oxide	10	120	80	8691499 317308	■
125 x 22		931740	80	Ceramic / Aluminum Oxide	10	120	80	8691499 317407	■



i ▲ Stock Item ■ Non Stock Item

Flap Discs

Jumbo Flap Discs



▶ %30 more flaps



180 x 22 discs can be produced upon request.



180 x 22 discs can be produced upon request.

High stock removal capability of wide surfaces with %30 extra flaps for longer life.

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
115 x 22		931890	40	Zirconia / Alumina	10	120	80	8691499 318909	
115 x 22		931900	60	Zirconia / Alumina	10	120	80	8691499 319005	
115 x 22		931910	80	Zirconia / Alumina	10	120	80	8691499 319104	
125 x 22		931810	40	Zirconia / Alumina	10	120	80	8691499 318107	
125 x 22		931820	60	Zirconia / Alumina	10	120	80	8691499 318206	
125 x 22		931830	80	Zirconia / Alumina	10	120	80	8691499 318305	
115 x 22		931590	40	Zirconia / Alumina	10	120	80	8691499 315908	
115 x 22		931620	60	Zirconia / Alumina	10	120	80	8691499 316202	
115 x 22		931600	80	Zirconia / Alumina	10	120	80	8691499 316004	
125 x 22		931860	40	Zirconia / Alumina	10	120	80	8691499 318602	
125 x 22		931870	60	Zirconia / Alumina	10	120	80	8691499 318701	
125 x 22		931880	80	Zirconia / Alumina	10	120	80	8691499 318800	



▲ Stock Item ■ Non Stock Item

Flap Discs

Gold Flap Discs



Heavy duty flap discs ▶



180 x 22 discs can be produced upon request.

Very high quality flap disc designed for heavy duty work.

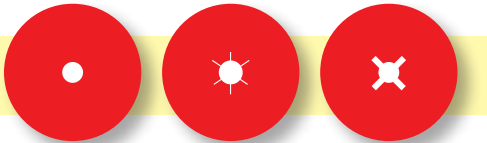
Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
115 x 22		931040	40	Zirconia / Alumina	10	120	80	8691499310408	
115 x 22		931050	60	Zirconia / Alumina	10	120	80	8691499310507	
115 x 22		931060	80	Zirconia / Alumina	10	120	80	8691499310606	
125 x 22		931070	40	Zirconia / Alumina	10	120	80	8691499310705	
125 x 22		931080	60	Zirconia / Alumina	10	120	80	8691499310804	
125 x 22		931090	80	Zirconia / Alumina	10	120	80	8691499310903	
115 x 22		931160	40	Zirconia / Alumina	10	120	80	8691499311603	
115 x 22		931170	60	Zirconia / Alumina	10	120	80	8691499311702	
115 x 22		931180	80	Zirconia / Alumina	10	120	80	8691499311801	
125 x 22		931190	40	Zirconia / Alumina	10	120	80	8691499311900	
125 x 22		931200	60	Zirconia / Alumina	10	120	80	8691499312006	
125 x 22		931210	80	Zirconia / Alumina	10	120	80	8691499312105	



▲ Stock Item ■ Non Stock Item

Fibre Discs

i Available cutting shapes



◀ AWR11

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions	Properties	Recommendation for Application
AWR11	Fibre Discs	16 - 24 - 36 - 40 - 50 - 60 80 - 100 - 120 - 150 - 180 220 - 240 - 280 - 320	Vulcanized Fibre 0,8 mm.	Resin / Resin	Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22	• Aggressive cutting • High cut performance • Increased productivity	Grinding and finishing of welding parts and chips of various metals



◀ ZWR11

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions	Properties	Recommendation for Application
ZWR11	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120	Vulcanized Fibre; 08 mm.	Resin / Resin	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22	• Fast cut performance, long wear • Increased productivity • Cool cut / Long life	Grinding and finishing of heavy metals / Stainless steel parts and edges



◀ ZWR51

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions	Properties	Recommendation for Application
ZWR51	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120	Vulcanized Fibre 0,8 mm.	Resin / Resin / Supersize Top Coating	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22	• High cut performance • Increased productivity • Cool cut • Extreme long life	Grinding of high alloy / Stainless steel parts and edges, where heat absorbance is crucial



◀ CER51

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions	Properties	Recommendation for Application
CER51	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120 - 150	Vulcanized Fibre 0,8 mm.	Resin / Resin / Supersize Top Coating	Ceramic / Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22	• Excellnt grinding performance • Cool & aggressive cutting • Self sharpening effect	Grinding and finishing of Stainless steel, high alloy steels, chrome, nickel, titanium



◀ CWR11

Item Code	Product Type	Grit Range	Backing Material	Bond	Grain	Production Form	Dimensions	Properties	Recommendation for Application
CWR11	Fibre Discs	16 - 24 - 36 - 40 - 50 - 60 - 80 - 100 - 120 - 150 - 180 - 220 - 240 - 280 - 320 - 400	Vulcanized Fibre 0,8 mm.	Resin / Resin	Silicon carbide	Disc & Roll	115 x 22 125 x 22 180 x 22	• Aggressive cutting • Maximized cutting performance	Sanding of ceramics, stone, marble, glass and metal

Abrasive Rolls



◀ Shoproll

Width 25 / 38 / 50 mm.



◀ AJR 11



◀ AJFR 11



◀ AJFR 12



◀ CJFR 11



◀ CJFR 31

	Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Width (mm.)													Length (m.)	
								25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
Shoproll	AJR 11	A/O	P 40-400	J Flexible Cotton	Metal	Wood	•	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	AJFR 11	A/O	P 60-600	J Super Flexible Cotton	Metal/Stainless Steel		•					✓		✓	✓	✓		✓		✓	✓	✓
	AJFR 12	A/O	P 60-600	J Super Flexible Cotton	Soft Metals/Aluminium	Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
	CJFR 11	SiC	P60-400	J Poly / Cotton	Metal/Glass/Stone	Plastic	•					✓		✓	✓	✓		✓		✓	✓	✓
	CJFR 31	SiC	P60-400	J Poly / Cotton	Non ferrous metal	Paint/Filler/Varnish	Stearate Coating					✓		✓	✓	✓		✓		✓	✓	✓



◀ AXR 11



◀ AXER 11



◀ AXFR 11



◀ AXPR 11



◀ AXOP21



◀ ZXR 11

	Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Width (mm.)													Length (m.)	
								25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
•	AXR 11	A/O	P 36-120	X Standard Cotton	Metal	Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
•	AXER 11	A/O	P 40-120	X Standard Cotton	Metal	Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
•	AXFR 11	A/O	P 40-600	X Semi-flexible Cotton	Metal	Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
•	AXPR 11	A/O	P 24-400	X Stiff Poly/Cotton	Metal	Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
•	AXOP 21	A/O	P 40-220	X Standard Cotton	Wood	Soft Metal	•					✓		✓	✓	✓		✓		✓	✓	✓
•	ZXR 11	Z/A	P36-120	X Standard Cotton	Metal	•	•					✓		✓	✓	✓		✓		✓	✓	✓



◀ AEFR 11



◀ AFR 71



Roll dimensions which are not specified can be prepared upon request.

	Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Width (mm.)													Length (m.)	
								25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
•	AEFR 11	A/O	P 36-400	E / F Paper	Metal/Wood	•	•				✓		✓				✓		✓		✓	✓
•	AFR 71	A/O	P 60-220	F Antistatic Paper	Aluminium/Wood	Paint/Filler/Varnish	Antistatic				✓		✓				✓		✓		✓	✓

Endless Belts

i Belt dimensions which are not specified can be prepared upon request.



Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Most used dimensions				
AXR 11	A/O	P 36-120	X Standard Cotton	Metal	Wood/Plastic	•	13 x 454	75 x 533	75 x 610	100 x 610	100 x 920
AXPR 11	A/O	P 24-400	X Stiff Poly/Cotton	Metal	Wood	•	50 x 2000	100 x 610	150 x 1000	200 x 750	1400 x 1920
ZXPR 11	Z/A	P24-120	X Stiff Poly/Cotton	Metal	•	•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	1400 x 1900
ZXR 11	Z/A	P36-120	X Stiff Cotton	Metal	Wood	•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	•
ZXR 12	Z/A	P36-120	X Standard Cotton	Metal	Wood	•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	•
AXFR 11	A/O	P 40-600	X Semi-flexible Cotton	Metal	•	•	13 x 454	37 x 1750	50 x 2000	75 x 2500	100 x 3000
AXOP 21	A/O	P 40-220	X Standard Cotton	Wood	Soft Metal	•	75 x 533	75 x 610	100 x 610	200 x 480	200 x 750
CXR 11	SiC	P60-400	X Waterproof Cotton	Glass/Stone	Plastic	•	30 x 533	100 x 1700	100 x 1830	100 x 3350	•



Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Most used dimensions				
CYXR 11	SiC	P60-180	YX Polyester	Glass/Stone	Plastic	Supersize Top Coating	100 x 1700	100 x 1830	100 x 3350	•	•
ZYR 11	Z/A	P24-120	Y Polyester	Metal	•	•	37 x 1750	50 x 2000	75 x 2500	100 x 1200	150 x 1500
ZYYR 11	Z/A	P24-80	YY Heavy Polyester	Heavy Metal	Leather	Supersize Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 2500	150 x 2000
ZXPR 51	Z/A	P24-120	X Stiff Poly/Cotton	Metal/Stainless steel		Supersize Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 1200	150 x 2000



Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Most used dimensions				
ZXSP 51	Z/A	P60-120	YX Polyester	Heavy Metal/Stainless steel	•	Extra Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 1200	150 x 1500
ZYSP 51	Z/A	P24-50	YY Heavy Polyester	Heavy Metal/Stainless steel	•	Extra Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 3000	150 x 2000



Endless Belts



Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Most used dimensions (mm.)				
AJFR 11	A/O	P 60-600	J Super Flexible Cotton	Metal/Stainless steel	Aluminium	•	37 x 1750	50 x 1500	50 x 2000	75 x 2500	100 x 3000
AJFR 12	A/O	P 60-600	J Super Flexible Cotton	Soft Metals/Aluminium	Wood	•	37 x 1750	50 x 1500	50 x 2000	75 x 2500	100 x 3000
CJFR 11	SiC	P60-400	J Poly/Cotton	Metal/Glass/Stone	Plastic	•	100 x 3000	200 x 3500	240 x 3300	•	•
CJFR 31	SiC	P60-400	J Poly/Cotton	Non ferrous metal	Paint / Filler / Varnish	Stearate Coating	100 x 3000	200 x 3500	240 x 3300	•	•



Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application	Special Coating	Most used dimensions (mm.)				
AEFR 11	A/O	P 36-400	E / F Paper	Metal/Wood	•	•	1150 x 2620	1300 x 1900	1350 x 2200	1380 x 2620	•
AFR 71	A/O	P 60-220	F Antistatic Paper	Aluminium/Wood	Paint/Filler/Varnish	Antistatic	910 x 1900	1000 x 2200	1150 x 2100	1300 x 1900	•





Belt dimensions which are not specified can be prepared upon request.

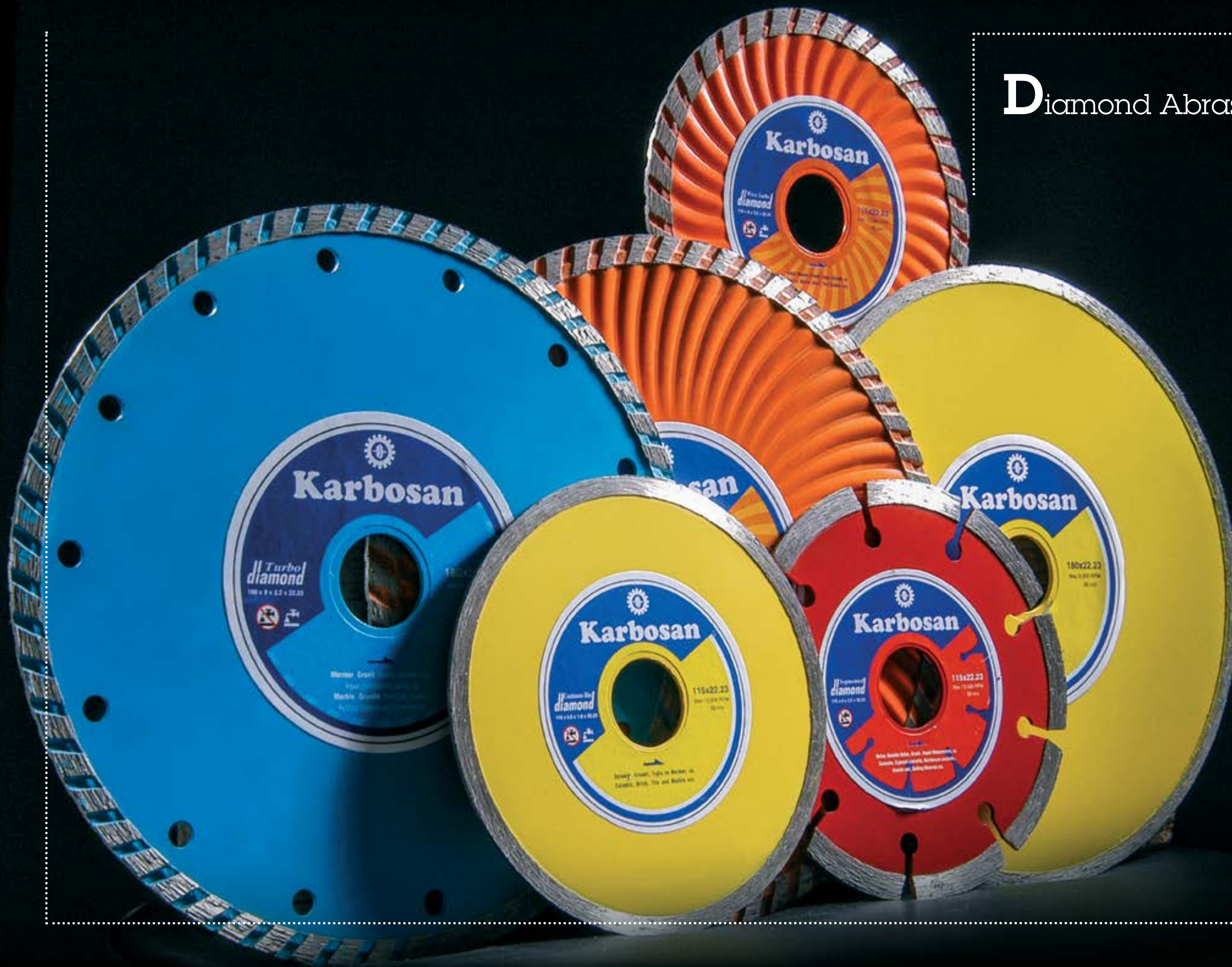
Flap Wheels

Shaft Mounted Flap Wheels



Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
50 x 40 mm.	with shaft	915053	150	Al.Ox	10	•	80	86914992150530	
50 x 40 mm.	with shaft	915054	180	Al.Ox	10	•	80	86914992150547	
50 x 40 mm.	with shaft	915055	220	Al.Ox	10	•	80	86914992150554	
50 x 40 mm.	with shaft	915056	320	Al.Ox	10	•	80	86914992150561	
60 x 30 mm.	with shaft	915057	40	Al.Ox	10	•	80	86914992150578	
60 x 30 mm.	with shaft	915058	60	Al.Ox	10	•	80	86914992150585	
60 x 30 mm.	with shaft	915059	80	Al.Ox	10	•	80	86914992150592	
60 x 30 mm.	with shaft	915060	120	Al.Ox	10	•	80	86914992150608	
60 x 30 mm.	with shaft	915061	150	Al.Ox	10	•	80	86914992150615	
60 x 30 mm.	with shaft	915062	180	Al.Ox	10	•	80	86914992150622	
60 x 30 mm.	with shaft	915063	220	Al.Ox	10	•	80	86914992150639	
60 x 30 mm.	with shaft	915064	320	Al.Ox	10	•	80	86914992150646	
60 x 40 mm.	with shaft	915065	40	Al.Ox	10	•	80	86914992150653	
60 x 40 mm.	with shaft	915066	60	Al.Ox	10	•	80	86914992150660	
60 x 40 mm.	with shaft	915067	80	Al.Ox	10	•	80	86914992150677	
60 x 40 mm.	with shaft	915068	120	Al.Ox	10	•	80	86914992150684	
60 x 40 mm.	with shaft	915069	150	Al.Ox	10	•	80	86914992150691	
60 x 40 mm.	with shaft	915070	180	Al.Ox	10	•	80	86914992150707	
60 x 40 mm.	with shaft	915071	220	Al.Ox	10	•	80	86914992150714	
60 x 40 mm.	with shaft	915072	320	Al.Ox	10	•	80	86914992150721	
60 x 50 mm.	with shaft	915073	40	Al.Ox	10	•	80	86914992150738	
60 x 50 mm.	with shaft	915074	60	Al.Ox	10	•	80	86914992150745	
60 x 50 mm.	with shaft	915075	80	Al.Ox	10	•	80	86914992150752	
60 x 50 mm.	with shaft	915076	120	Al.Ox	10	•	80	86914992150769	
60 x 50 mm.	with shaft	915077	150	Al.Ox	10	•	80	86914992150776	
60 x 50 mm.	with shaft	915078	180	Al.Ox	10	•	80	86914992150783	
60 x 50 mm.	with shaft	915079	220	Al.Ox	10	•	80	86914992150790	
60 x 50 mm.	with shaft	915080	320	Al.Ox	10	•	80	86914992150806	
80 x 20 mm.	with shaft	915081	40	Al.Ox	10	•	80	86914992150813	
80 x 20 mm.	with shaft	915082	60	Al.Ox	10	•	80	86914992150820	
80 x 20 mm.	with shaft	915083	80	Al.Ox	10	•	80	86914992150837	
80 x 20 mm.	with shaft	915084	120	Al.Ox	10	•	80	86914992150844	
80 x 20 mm.	with shaft	915085	150	Al.Ox	10	•	80	86914992150851	
80 x 20 mm.	with shaft	915086	180	Al.Ox	10	•	80	86914992150868	
80 x 20 mm.	with shaft	915087	220	Al.Ox	10	•	80	86914992150875	
80 x 20 mm.	with shaft	915088	320	Al.Ox	10	•	80	86914992150882	
80 x 30 mm.	with shaft	915089	40	Al.Ox	10	•	80	86914992150899	
80 x 30 mm.	with shaft	915090	60	Al.Ox	10	•	80	86914992150905	
80 x 30 mm.	with shaft	915091	80	Al.Ox	10	•	80	86914992150912	
80 x 30 mm.	with shaft	915092	120	Al.Ox	10	•	80	86914992150929	
80 x 30 mm.	with shaft	915093	150	Al.Ox	10	•	80	86914992150936	
80 x 30 mm.	with shaft	915094	180	Al.Ox	10	•	80	86914992150943	
80 x 30 mm.	with shaft	915095	220	Al.Ox	10	•	80	86914992150950	
80 x 30 mm.	with shaft	915096	320	Al.Ox	10	•	80	86914992150967	
80 x 50 mm.	with shaft	915097	40	Al.Ox	10	•	80	86914992150974	
80 x 50 mm.	with shaft	915098	60	Al.Ox	10	•	80	86914992150981	
80 x 50 mm.	with shaft	915099	80	Al.Ox	10	•	80	86914992150998	
80 x 50 mm.	with shaft	915100	120	Al.Ox	10	•	80	86914992151001	
80 x 50 mm.	with shaft	915101	150	Al.Ox	10	•	80	86914992151018	
80 x 50 mm.	with shaft	915102	180	Al.Ox	10	•	80	86914992151025	
80 x 50 mm.	with shaft	915103	220	Al.Ox	10	•	80	86914992151032	
80 x 50 mm.	with shaft	915104	320	Al.Ox	10	•	80	86914992151049	

Diamond Abrasives



Diamond Blades



Segmented Diamond Blade

Dimension	Type	Article	Box	Master Box	Weight	m/s	Barcode
115 x 2.0 x 22		950110	1	•		80	869149950110
180 x 2.2 x 22		950120	1	•		80	869149950120
230 x 2.4 x 22		950130	1	•		80	869149950130
180 x 2.2 x 22		950140	1	•		80	869149950140

- Specifications:
- For dry use
 - Fast cut
 - Fast cutting for concrete



Wave Turbo Diamond Blade

Dimension	Type	Article	Box	Master Box	Weight	m/s	Barcode
115 x 2.2 x 22		950410	1	•		80	869149950410
180 x 2.4 x 22		950420	1	•		80	869149950420
230 x 2.6 x 22		950430	1	•		80	869149950430
180 x 2.4 x 22		950440	1	•		80	869149950440
230 x 2.6 x 22		950450	1	•		80	869149950450

- Specifications:
- For wet & dry use
 - Cool and fast cut
 - For cutting marble, granite, tile, ceramic and brick



Turbo Diamond Blade

Dimension	Type	Article	Box	Master Box	Weight	m/s	Barcode
115 x 2.0 x 22		950310	1	•		80	869149950310
180 x 2.2 x 22		950320	1	•		80	869149950320
230 x 2.4 x 22		950330	1	•		80	869149950330
180 x 2.2 x 22		950340	1	•		80	869149950340
230 x 2.4 x 22		950350	1	•		80	869149950350

- Specifications:
- For wet & dry use
 - Fast cut
 - For cutting marble, granite, concrete, tile, ceramic and brick



Continuous Rim Diamond Blade

Dimension	Type	Article	Box	Master Box	Weight	m/s	Barcode
115 x 1.8 x 22		950210	1	•		80	869149950310
180 x 2.0 x 22		950220	1	•		80	869149950320
230 x 2.3 x 22		950230	1	•		80	869149950330

- Specifications:
- For wet & dry use
 - Sensitive and easy cut
 - For cutting tile, granite, marble, ceramic and brick

Notes: _____

Notes: _____

Bonded Abrasive Plant

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Coated Abrasive Plant

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