



Karbosan

abrasive solutions







abrasive solutions



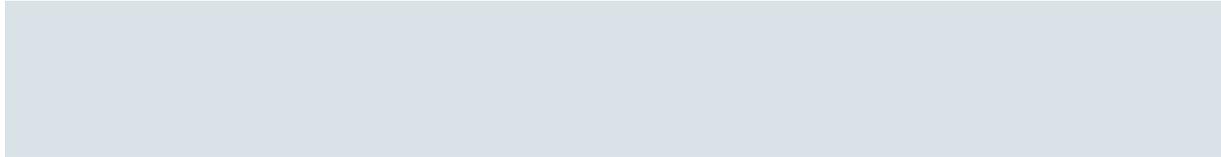
Karbosan was founded in 1967 in Istanbul as the pioneer of the abrasive industry in Turkey. Since establishment, all the management and manufacturing forces of Karbosan are trying to fulfill the customers' requirements.

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



The Organization for the Safety of Abrasives (oSa®)

herewith grants to the company

KARBOSAN ZIMPARA TAŞI SANAYII A.Ş.

based on the Application Form, oSa®-Constitution and Conditions of Use for the oSa®
Trademark the right until withdrawn to use the oSa® mark in the described colours
for the abrasives notified.



This right applies to the designation of the registered tools as well as their
packaging or labelling.

Bonn, 16 May 2002

Executive Board

A handwritten signature in purple ink, likely belonging to a representative of the Executive Board.

Organization for the Safety of Abrasives (oSa®) · Oxfordstraße 8 · D-53111 Bonn · Germany

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.

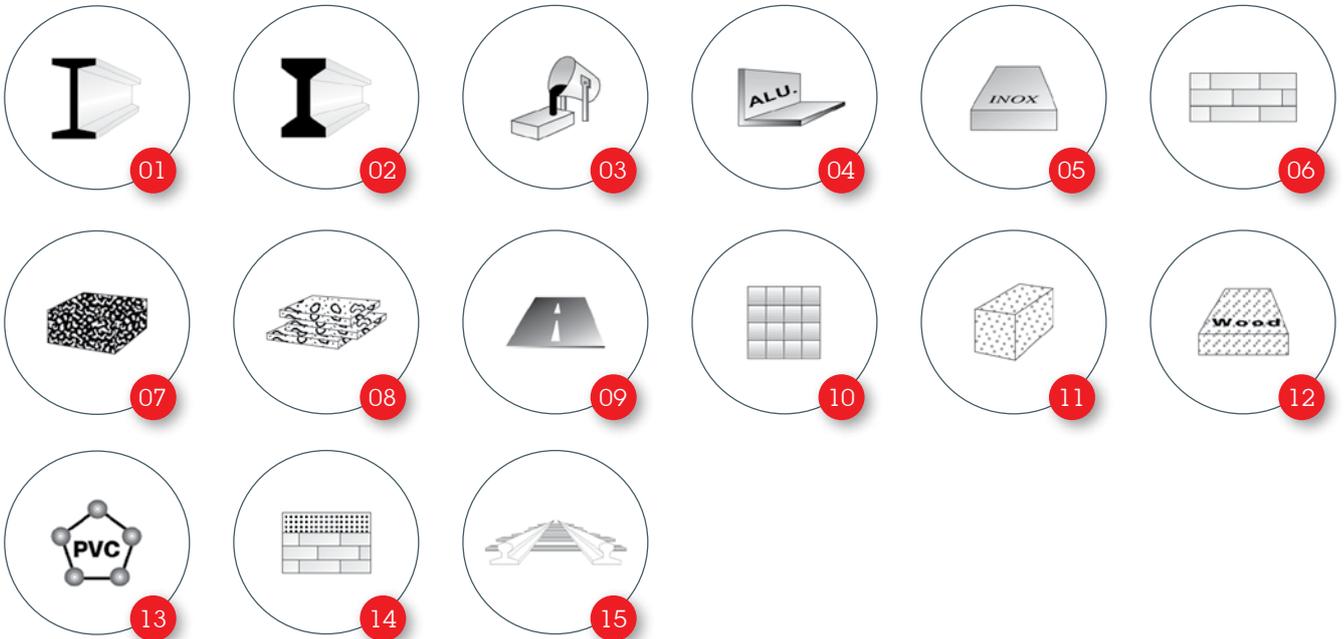
The OSA pursues in close collaboration with FEPA the objectives of supporting both the currently attained safety standards for abrasive products and their further development.

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.



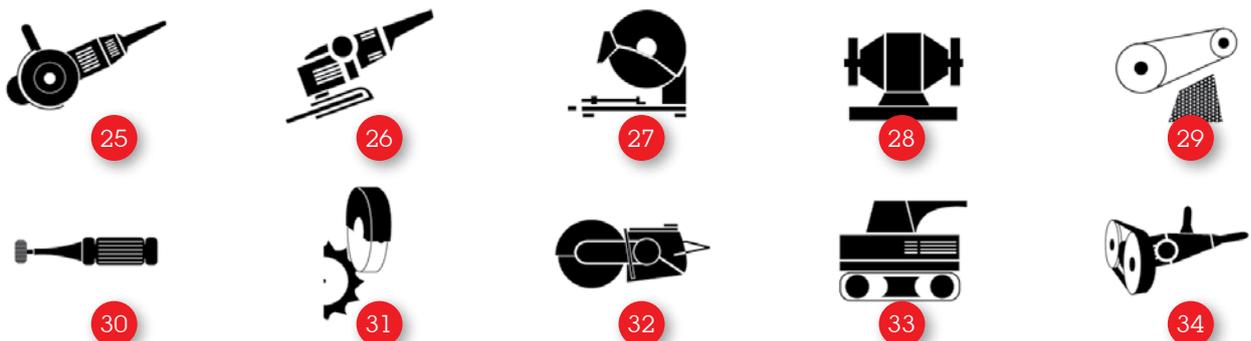
Application Area Pictograms



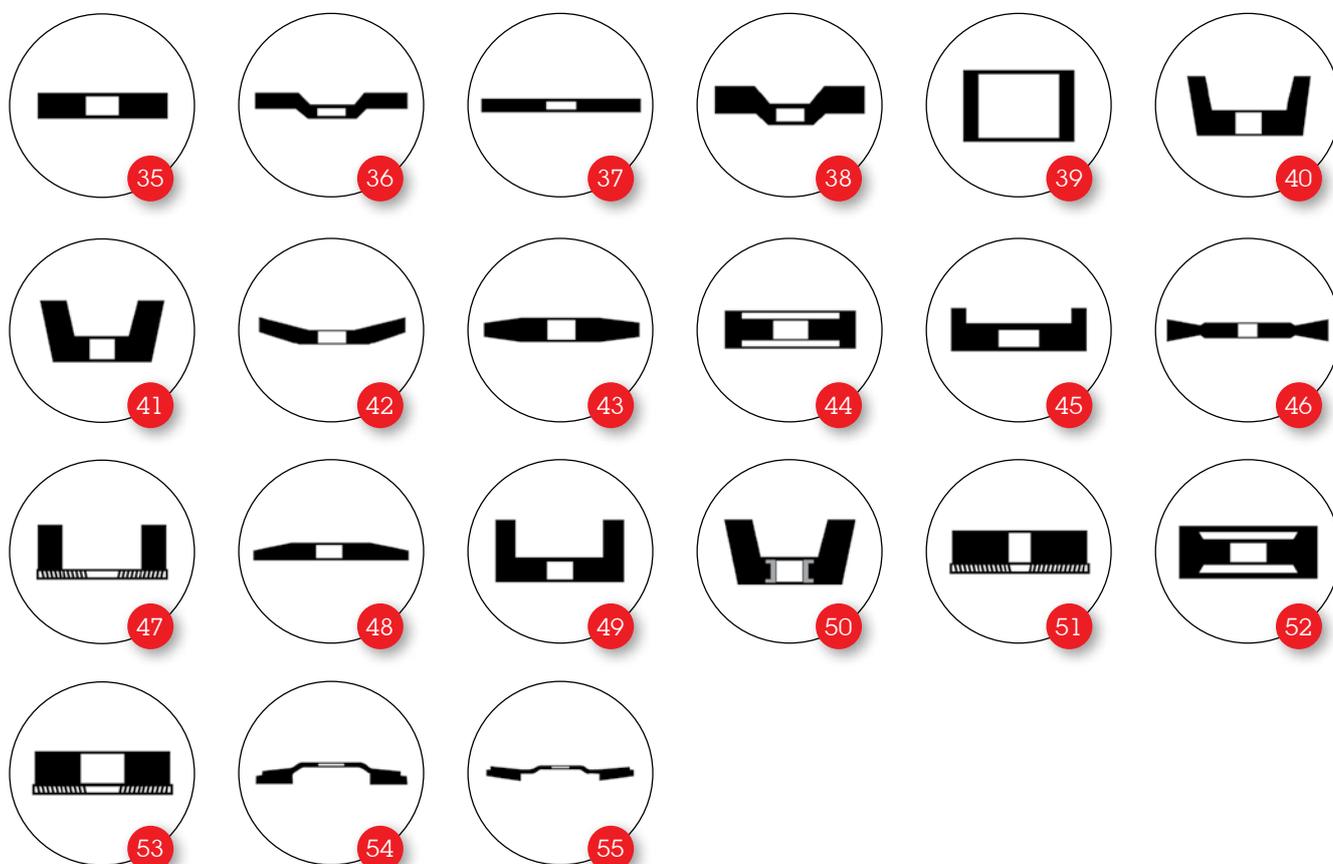
Safety signs



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 42
 37 - TYPE 41
 38 - TYPE 27

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 exceptionally 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.

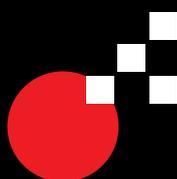
Mounting

- 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 flanges 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 seconds. 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
- Vitriified Wheels



Performance & Quality



45 years high Quality

abrasive technology

change across
dimension of
similarity

Strength
The spec
areas an
strengthen
The purpose of
is to provide
with the
with the
pressure and
higher speeds
dependance to
huge forces
cutting machines
multi cutters
age reinforcement
Tapping
discovered
mm. diameters
change across
dimension of
similarity

Quality
These discs of
will be positioned
of the
primarily
The
primarily
The
primarily
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Product & Packing Information

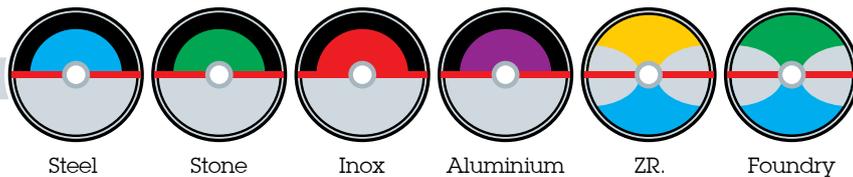
Information & Description of the Discs



- 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)

Labels Colors

Cutt-off Discs



Steel

Stone

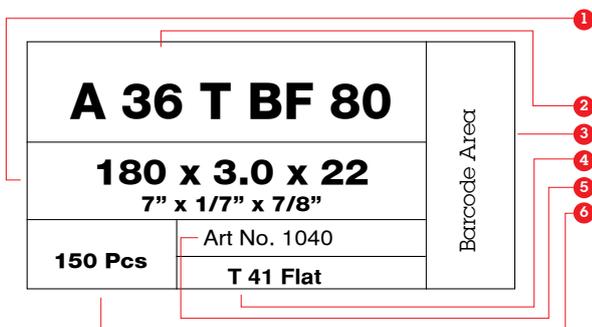
Inox

Aluminium

ZR.

Foundry

Labels Description



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

Box Colors

Steel



inox



cast iron



others



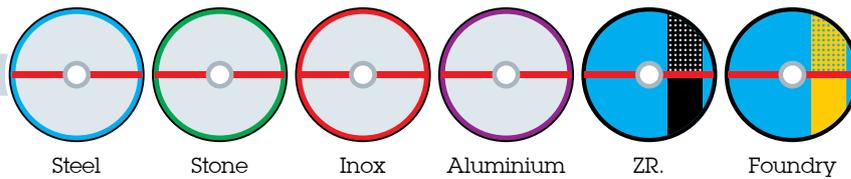
cut & cut

Reinforcement Structure of Cut-off Discs



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

Grinding Discs



Steel

Stone

Inox

Aluminium

ZR.

Foundry

Master Box Colors

Blue



Steel

Green



cast iron

Red



inox

Black



others

Application Sheets for Cutting & Grinding Discs

<ul style="list-style-type: none"> • Good •• Optimum ••• Excellent 								
Main Material Name	Material Name	Metal A 36 T	Metal A 30 T Plus	Inox AA 24 S	Inox Cut & Cut Plus	Cast Iron C 30 S	Marble C 30 R Plus	Cast Iron ZA 30 T Plus
Weld	Weld Seams							
General mild steels (<600N/m)	Construction steels	•••	•••	••	•••	•	•	••
Hardened Steels (>600N/m)	Tool steels	••	•••	••	•••	•	•	•••
	Hardox	••	•••	••	•••	•	•	•••
High tensile/High Alloyed steels	Containing Chrome,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	-	-	-	-	-	-	-

	Cast Iron AC 36 SX <i>Plus</i>	Alumin. A 36 Q	Inox X3	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
		

	-	-
	-	-	-
	-	-	-

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.

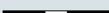
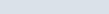
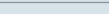
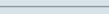
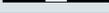
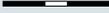
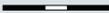
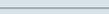
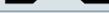
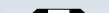
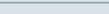
Where to use:

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

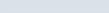
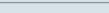
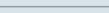
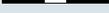
Advantages:

- 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 3,0 x 16		912850	A 36 T BF80	25	200	9 kg	80	8691499128508	▲
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 3,0 x 16		912840	A 36 T BF80	25	200	9 kg	80	8691499128409	▲
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 - Nickel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GGG40)	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

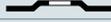
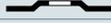
Where to use:

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.

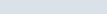
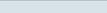
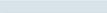
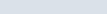
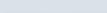
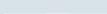
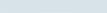
Advantages:

- 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		981680	AA 54 R BF80	25	300	9 kg	80	8691499816801	
115 x 1.6 x 22		910390	AA 46 T BF80	25	300	13 kg	80	8691499103901	
125 x 1.0 x 22		910400	AA 54 T 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 T BF80	25	300	15 kg	80	8691499104106	
180 x 1.9 x 22		910420	AA 36 T BF80	25	150	19 kg	80	8691499104205	
230 x 1.9 x 22		910430	AA 36 T 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
√ √	√ √	√ √	√ √	√ √	√ √ √	√ √ √


 Stock Item

 Non Stock Item

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.

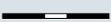
Where to use:

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	Copacid	Bearing Metals	Titanium	Copper, Aluminium, zinc, Alloys like brass, bronze etc.
√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√	√√	√√


 Stock Item

 Non Stock Item

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		910340	C 30 S BF80	25	100	28 kg	80	8691499103406	▲



Application Table

Spherical Cast Iron (such as GG40)	Grey cast iron	Heat-resistant cast steels	Bearing Metals	Titanium	Copper, Aluminium, zinc, Alloys like brass, bronze etc.	Marble	Lime stone	Artificial Stones	Naturel Stones	Asphalt	floor pavements
√√√	√√√	√√	√√	√√	√√	√√	√√√	√√√	√√√	√√√	√√√



▲ Stock Item

■ Non Stock Item

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.

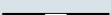
Advantages:

- 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**

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



 Stock Item

 Non Stock Item

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
√√	√√	√√	√√	√√√	√√√	√√√



▲ Stock Item

■ Non Stock Item

Cutting Discs for Aluminium

A 36 Q BF80

**Specifications:**

Aluminium Cutting Disc with its high cutting speed on alloys like aluminum, copper, zinc, bronze, brass and additionally on bearing metals and non-ferrous 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.

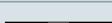
Advantages:

- 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 36 Q BF80	25	100	29 kg	80	8691499111203	▲

THIN LINE

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
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

Cutting Discs for Stainless Steel

AA 46 T BF80

Specifications:

Grind X3 Cut is a dual-purpose high performance disc. It is used for all types of iron, steel and stainless steel for cutting and grinding. Thanks to its duality, it makes you save time. It is thin and has strong structure convenient for grinding. As it is non-ferrous, it doesn't cause any rust on stainless surfaces.

Where to use :

Pipe, profile, sheet plate and all types of solid iron and stainless steel

Advantages:

- Suitable for both cutting and grinding
- Fast and easy cut
- Applicability for all iron, steel and stainless steel types.



Cutting & Grinding with the same disc



Box Color:

M.Box Color:

Dimension	Type	Article	Specification	Box	Master Box	Weight	m/s	Barcode	Status
115 x 1.9 x 22		912790	AA 46 T BF80	25	200	11 kg	80	8691499127907	
115 x 3.0 x 22		912890	AA 46 T BF80	25	200	14 kg	80	8691499128904	
125 x 1.9 x 22		912800	AA 46 T BF80	25	200	13 kg	80	8691499128003	

Application Table

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



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)
√√√	√√	√√	√√	√√√	√√



The placement of the glass fibre reinforcement materials in the discs are as follows:

Box Color:

M.Box Color:

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

Steel Rail Profiles ▶

60 kg/m

54 kg/m

49 kg/m

√√

√√

√√√



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

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 silicom 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	▲

i Zirconium disc for rail cutting



Application Table

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



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.

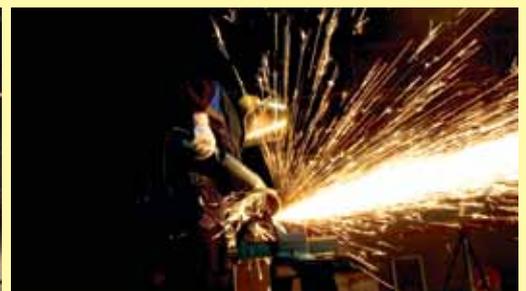
Advantages:

- 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 GG40)	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 - Nickel - Mangan - Cobalt	Concrete reinforcing iron	Spherical Cast Iron (such as GG40)	Grey cast iron	Heat-resistant cast steels	Rail Profiles ▼		
									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 - Nikel - Mangan - Cobalt	Concrete reinforcing Iron	Inox, Stainless steels	Coracid
√√√	√√	√√	√√	√√	√√	√√√	√√√



▲ Stock Item

■ Non Stock Item

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 brass, bronze etc.	Marble	Lime Stone	Artificial Stones	Asphalt	Natural Stones
√√	√√√	√√√	√√	√√	√√	√√	√√	√√√	√√√	√√√	√√√

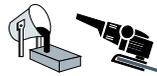


▲ Stock Item

■ Non Stock Item

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
√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√	√√√

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	

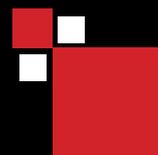
Application Table

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



G

Grinding Wheels



Vitrified Wheels

Vitrified Wheels

Karbosan reflects its experience in vitrified wheels in production and fulfills 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

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

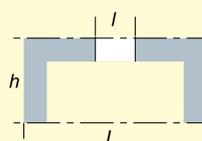
Cup Wheels

**Where to use:**

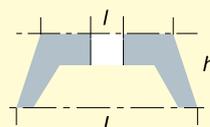
Karbosan cup wheels are produced in standard quality for multi-purpose use in flat and conical forms. These wheels are used for sharpening cutting edges. It is also possible to have it in various grits and shapes. They are only suitable for dry grinding operations.

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

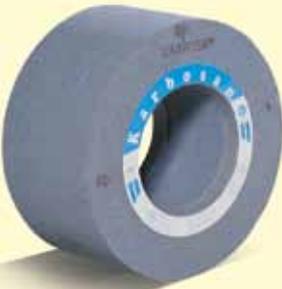
Cylindrical Grinding Wheels

**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.



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.

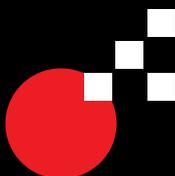
Dimension	Article	Specification	Grit	Shrink	m/s	Barcode
110 x 58 x 22	914400	S.C	16	4	35 m/s	8691499144003
110 x 58 x 22	914410	S.C	24	4	35 m/s	8691499144102



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
Quality

elements
flame
more
of the
brand

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

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



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	■



▲ Stock Item

■ Non Stock Item

Ceramic Flap Discs

Cool cut with top coat ▲



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	■



▲ Stock Item

■ Non Stock Item

Flap Discs

Jumbo Flap Discs



%30 more flaps



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

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



◀ AWR11

Item Code	Product Type	Grit Range	Backing Material	Bond
AWR11	Fibre Discs	16 - 24 - 36 - 40 - 50 - 60 80 - 100 - 120 - 150 - 180 220 - 240 - 280 - 320	Vulcanized Fibre 0,8 mm.	Resin / Res



◀ AWR51

Item Code	Product Type	Grit Range	Backing Material	Bond
AWR51	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120	Vulcanized Fibre; 08 mm.	Resin / Res Supersize T Coating



◀ ZWR11

Item Code	Product Type	Grit Range	Backing Material	Bond
ZWR11	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120	Vulcanized Fibre; 08 mm.	Resin / Res



◀ ZWR51

Item Code	Product Type	Grit Range	Backing Material	Bond
ZWR51	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120	Vulcanized Fibre 0,8 mm.	Resin / Res Supersize T Coating



◀ CER51

Item Code	Product Type	Grit Range	Backing Material	Bond
CER51	Fibre Discs	24 - 36 - 40 - 50 - 60 -80 100 - 120 - 150	Vulcanized Fibre 0,8 mm.	Resin / Res Supersize T Coating



◀ CWR11

Item Code	Product Type	Grit Range	Backing Material	Bond
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 / Res

 Available cutting shapes


	Grain	Production Form	Dimensions	Properties	Recommendation for Application
sin	Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • Aggressive cutting • High cut performance • Increased productivity 	Grinding and finishing of welding parts and chips of various metals

	Grain	Production Form	Dimensions	Properties	Recommendation for Application
in / top	Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • Aggressive cutting • Increased productivity • Cool cut / Long life 	Grinding and finishing of stainless steel parts and edges, where heat absorbance is crucial

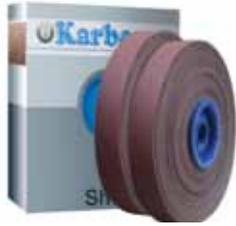
	Grain	Production Form	Dimensions	Properties	Recommendation for Application
sin	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • Fast cut performance, long wear • Increased productivity • Cool cut / Long life 	Grinding and finishing of heavy metals / stainless steel parts and edges

	Grain	Production Form	Dimensions	Properties	Recommendation for Application
in / top	Zirconia / Alumina	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • High cut performance • Increased productivity • Cool cut • Extreme long life 	Grinding of high alloy / stainless steel parts and edges, where heat absorbance is crucial

	Grain	Production Form	Dimensions	Properties	Recommendation for Application
in / top	Ceramic / Aluminum Oxide	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • Exellent grinding performance • Cool & aggressive cutting • Self sharpening effect 	Grinding and finishing of stainless steel, high alloy steels, chrome, nickel, titanium

	Grain	Production Form	Dimensions	Properties	Recommendation for Application
sin	Silicon carbide	Disc & Roll	115 x 22 125 x 22 180 x 22	<ul style="list-style-type: none"> • Aggressive cutting • Maximized cutting performance 	Sanding of ceramics, stone, marble, glass and metal

Abrasive Rolls

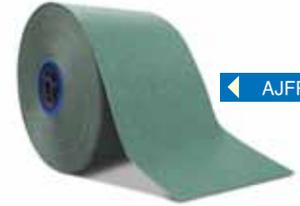


◀ Shoproll

Width 25 / 38 / 50 mm.

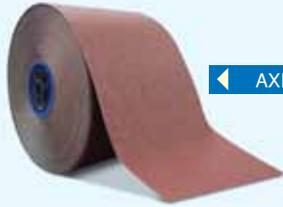


◀ AJR 11

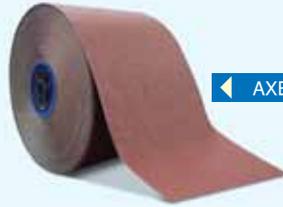


◀ AJFR 11

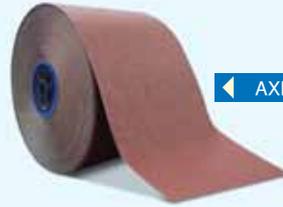
	Item Code	Grain	Grit Range	Backing	Suggested Application
Shoproll	AJR 11	A/O	P 40-400	J Flexible Cotton	Metal
	AJFR 11	A/O	P 60-600	J Super Flexible Cotton	Metal/Stainless Steel
	AJFR 12	A/O	P 60-600	J Super Flexible Cotton	Soft Metals/Aluminium
	CJFR 11	SiC	P60-400	J Poly / Cotton	Metal/Glass/Stone
	CJFR 31	SiC	P60-400	J Poly / Cotton	Non ferrous metal



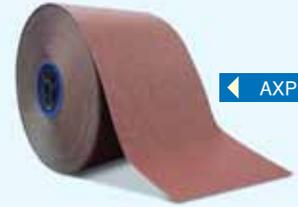
◀ AXR 11



◀ AXER 11



◀ AXFR 11



◀ AXPR 11

	Item Code	Grain	Grit Range	Backing	Suggested Application
•	AXR 11	A/O	P 36-120	X Standard Cotton	Metal
•	AXER 11	A/O	P 40-120	X Standard Cotton	Metal
•	AXFR 11	A/O	P 40-600	X Semi-flexible Cotton	Metal
•	AXPR 11	A/O	P 24-400	X Stiff Poly/Cotton	Metal
•	AXOP 21	A/O	P 40-220	X Standard Cotton	Wood
•	ZXR 11	Z/A	P36-120	X Stiff Cotton	Metal
•	ZXR 12	Z/A	P36-120	X Standard Cotton	Metal



◀ AEFR 11



◀ AFR 71

	Item Code	Grain	Grit Range	Backing	Suggested Application
•	AEFR 11	A/O	P 36-400	E / F Paper	Metal/Wood
•	AFR 71	A/O	P 60-220	F Antistatic Paper	Aluminium/Wood



Possible Application	Special Coating	Width (mm.)													Length (m.)	
		25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
Wood	•	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	•					✓		✓	✓	✓		✓		✓	✓	✓
Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
Plastic	•					✓		✓	✓	✓		✓		✓	✓	✓
Paint/Filler/Varnish	Stearate Coating					✓		✓	✓	✓		✓		✓	✓	✓



Possible Application	Special Coating	Width (mm.)													Length (m.)	
		25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
Wood	•					✓		✓	✓	✓		✓		✓	✓	✓
Soft Metal	•					✓		✓	✓	✓		✓		✓	✓	✓
•	•					✓		✓	✓	✓		✓		✓	✓	✓
•	•					✓		✓	✓	✓		✓		✓	✓	✓

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

Possible Application	Special Coating	Width (mm.)													Length (m.)	
		25	38	50	95	100	115	120	150	200	203	250	254	600	25	50
•	•				✓		✓				✓		✓		✓	✓
Paint/Filler/Varnish	Antistatic				✓		✓				✓		✓		✓	✓

Endless Belts



AXR 11 ▶



AXPR 11 ▶



ZXPR 11 ▶



ZXR 11 ▶

Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application
AXR 11	A/O	P 36-120	X Standard Cotton	Metal	Wood/Plastic
AXPR 11	A/O	P 24-400	X Stiff Poly/Cotton	Metal	Wood
ZXPR 11	Z/A	P24-120	X Stiff Poly/Cotton	Metal	•
ZXR 11	Z/A	P36-120	X Stiff Cotton	Metal	Wood
ZXR 12	Z/A	P36-120	X Standard Cotton	Metal	Wood
AXFR 11	A/O	P 40-600	X Semi-flexible Cotton	Metal	•
AXOP 21	A/O	P 40-220	X Standard Cotton	Wood	Soft Metal
CXR 11	SiC	P60-400	X Waterproof Cotton	Glass/Stone	Plastic



CYXR11 ▶



ZYR11 ▶



ZXPR 51 ▶

Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application
CYXR 11	SiC	P60-180	YX Polyester	Glass/Stone	Plastic
ZYR 11	Z/A	P24-80	YY Heavy Polyester	Heavy Metal	Leather
ZXPR 51	Z/A	P24-120	X Stiff Poly/Cotton	Metal/Stainless steel	



ZXSP 51 ▶



ZYSP 51 ▶

Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application
ZXSP 51	Z/A	P60-120	YX Polyester	Heavy Metal/Stainless steel	•
ZYSP 51	Z/A	P24-50	YY Heavy Polyester	Heavy Metal/Stainless steel	•



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



ZXR 12 ▶



AXFR 11 ▶



AXOP 21 ▶

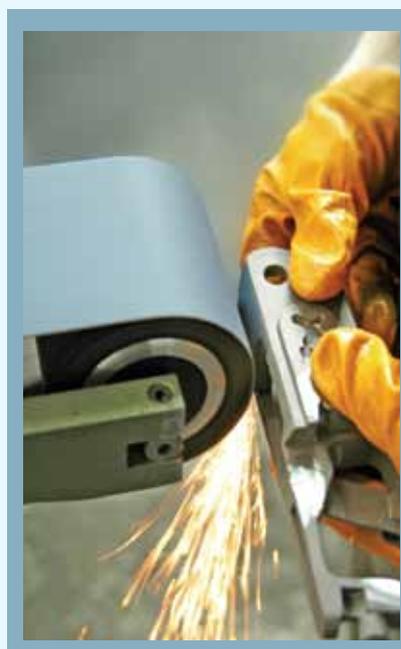


CXR 11 ▶

Special Coating	Most used dimensions				
•	13 x 454	75 x 533	75 x 610	100 x 610	100 x 920
•	50 x 2000	100 x 610	150 x 1000	200 x 750	1400 x 1920
•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	1400 x 1900
•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	•
•	50 x 2000	75 x 2500	150 x 1000	100 x 3500	•
•	13 x 454	37 x 1750	50 x 2000	75 x 2500	100 x 3000
•	75 x 533	75 x 610	100 x 610	200 x 480	200 x 750
•	30 x 533	100 x 1700	100 x 1830	100 x 3350	•



Special Coating	Most used dimensions				
Supersize Top Coating	100 x 1700	100 x 1830	100 x 3350	•	•
Supersize Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 2500	150 x 2000
Supersize Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 1200	150 x 2000



Special Coating	Most used dimensions				
Extra Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 1200	150 x 1500
Extra Top Coating	37 x 1750	50 x 2000	75 x 2500	100 x 3000	150 x 2000

Endless Belts



AJFR 11 ▶



AJFR 12 ▶



CJFR 11 ▶



CJFR 31 ▶

Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application
AJFR 11	A/O	P 60-600	J Super Flexible Cotton	Metal/Stainless steel	Aluminium
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



AEFR 11 ▶



AFR 71 ▶

Item Code	Grain	Grit Range	Backing	Suggested Application	Possible Application
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

Special Coating	Most used dimensions (mm.)				
•	37 x 1750	50 x 1500	50 x 2000	75 x 2500	100 x 3000
•	37 x 1750	50 x 1500	50 x 2000	75 x 2500	100 x 3000
•	100 x 3000	200 x 3500	240 x 3300	•	•
Stearate Coating	100 x 3000	200 x 3500	240 x 3300	•	•

Special Coating	Most used dimensions (mm.)				
•	1150 x 2620	1300 x 1900	1350 x 2200	1380 x 2620	•
Antistatic	910 x 1900	1000 x 2200	1150 x 2100	1300 x 1900	•



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

Abrasive Sheets

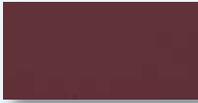
Cloth & Paper Sheets



Sheets 230x280 mm.	Item Code	Grain	Grit Range	Backing	Suggested App.	Possible App.
CLOTH	AJR 11	A/O	P 40-400	J Flexible Cotton	Metal	Wood



CLOTH	AXR 11	A/O	P 36-120	X Standard Cotton	Metal	Wood
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CLOTH	AXOP 21	A/O	P 40-220	X Standard Cotton	Wood	Soft Metal
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PAPER	ACR 11	A/O	P 60-1200	C Waterproof	Metal/Automotive	Wood
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PAPER	CAR/CCR 11	SiC	P 60-1500	A/C Waterproof	Paint/Filler/Varnish/ Metal	Wood
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Flap Wheels

Mounted Flap Wheels

Box Color: M.Box Color:

Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
150 x 25 x 25.4	without shaft	915301	40	Al.Ox	10	•	80	86914992153012	■
150 x 25 x 25.4	without shaft	915302	60	Al.Ox	10	•	80	86914992153029	■
150 x 25 x 25.4	without shaft	915303	80	Al.Ox	10	•	80	86914992153036	■
150 x 25 x 25.4	without shaft	915304	120	Al.Ox	10	•	80	86914992153043	■
150 x 25 x 25.4	without shaft	915305	150	Al.Ox	10	•	80	86914992153050	■
150 x 25 x 25.4	without shaft	915306	180	Al.Ox	10	•	80	86914992153067	■
150 x 25 x 25.4	without shaft	915307	220	Al.Ox	10	•	80	86914992153074	■
150 x 25 x 25.4	without shaft	915308	320	Al.Ox	10	•	80	86914992153081	■
150 x 50 x 25.4	without shaft	915309	40	Al.Ox	10	•	80	86914992153098	■
150 x 50 x 25.4	without shaft	915310	60	Al.Ox	10	•	80	86914992153104	■
150 x 50 x 25.4	without shaft	915311	80	Al.Ox	10	•	80	86914992153111	■
150 x 50 x 25.4	without shaft	915312	120	Al.Ox	10	•	80	86914992153128	■
150 x 50 x 25.4	without shaft	915313	150	Al.Ox	10	•	80	86914992153135	■
150 x 50 x 25.4	without shaft	915314	180	Al.Ox	10	•	80	86914992153142	■
150 x 50 x 25.4	without shaft	915315	220	Al.Ox	10	•	80	86914992153159	■
150 x 50 x 25.4	without shaft	915316	320	Al.Ox	10	•	80	86914992153166	■
160 x 30 x 30	without shaft	915317	40	Al.Ox	10	•	80	86914992153173	■
160 x 30 x 30	without shaft	915318	60	Al.Ox	10	•	80	86914992153180	■
160 x 30 x 30	without shaft	915319	80	Al.Ox	10	•	80	86914992153197	■
160 x 30 x 30	without shaft	915320	120	Al.Ox	10	•	80	86914992153203	■
160 x 30 x 30	without shaft	915321	150	Al.Ox	10	•	80	86914992153210	■
160 x 30 x 30	without shaft	915322	180	Al.Ox	10	•	80	86914992153227	■
160 x 30 x 30	without shaft	915323	220	Al.Ox	10	•	80	86914992153234	■
160 x 30 x 30	without shaft	915324	320	Al.Ox	10	•	80	86914992153241	■
165 x 50 x 30	without shaft	915325	40	Al.Ox	10	•	80	86914992153258	■
165 x 50 x 30	without shaft	915326	60	Al.Ox	10	•	80	86914992 153265	■
165 x 50 x 30	without shaft	915327	80	Al.Ox	10	•	80	86914992153272	■
165 x 50 x 30	without shaft	915328	120	Al.Ox	10	•	80	86914992153289	■
165 x 50 x 30	without shaft	915329	150	Al.Ox	10	•	80	86914992153296	■
165 x 50 x 30	without shaft	915330	180	Al.Ox	10	•	80	86914992153302	■
165 x 50 x 30	without shaft	915331	220	Al.Ox	10	•	80	86914992153319	■
165 x 50 x 30	without shaft	915332	320	Al.Ox	10	•	80	86914992153326	■
200 x 50 x 30	without shaft	915333	40	Al.Ox	10	•	80	86914992153333	■
200 x 50 x 30	without shaft	915334	60	Al.Ox	10	•	80	86914992153340	■
200 x 50 x 30	without shaft	915335	80	Al.Ox	10	•	80	86914992153357	■
200 x 50 x 30	without shaft	915336	120	Al.Ox	10	•	80	86914992153364	■
200 x 50 x 30	without shaft	915337	150	Al.Ox	10	•	80	86914992153371	■
200 x 50 x 30	without shaft	915338	180	Al.Ox	10	•	80	86914992153388	■
200 x 50 x 30	without shaft	915339	220	Al.Ox	10	•	80	86914992153395	■
200 x 50 x 30	without shaft	915340	320	Al.Ox	10	•	80	86914992153401	■



▲ Stock Item

■ Non Stock Item

Flap Wheels

Shaft Mounted Flap Wheels



Dimension	Type	Article	Grit	Abrasive	Box	Master Box	m/s	Barcode	Status
30 x 15 mm.	with shaft	915001	40	Al.Ox	10	•	80	86914992150011	■
30 x 15 mm.	with shaft	915002	60	Al.Ox	10	•	80	86914992150028	■
30 x 15 mm.	with shaft	915003	80	Al.Ox	10	•	80	86914992150035	■
30 x 15 mm.	with shaft	915004	120	Al.Ox	10	•	80	86914992150042	■
30 x 15 mm.	with shaft	915005	150	Al.Ox	10	•	80	86914992150059	■
30 x 15 mm.	with shaft	915006	180	Al.Ox	10	•	80	86914992150066	■
30 x 15 mm.	with shaft	915007	220	Al.Ox	10	•	80	86914992150073	■
30 x 15 mm.	with shaft	915008	320	Al.Ox	10	•	80	86914992150080	■
30 x 20 mm.	with shaft	915009	40	Al.Ox	10	•	80	86914992150097	■
30 x 20 mm.	with shaft	915010	60	Al.Ox	10	•	80	86914992150103	■
30 x 20 mm.	with shaft	915011	80	Al.Ox	10	•	80	86914992150110	■
30 x 20 mm.	with shaft	915012	120	Al.Ox	10	•	80	86914992150127	■
30 x 20 mm.	with shaft	915013	150	Al.Ox	10	•	80	86914992150134	■
30 x 20 mm.	with shaft	915014	180	Al.Ox	10	•	80	86914992150141	■
30 x 20 mm.	with shaft	915015	220	Al.Ox	10	•	80	86914992150158	■
30 x 20 mm.	with shaft	915016	320	Al.Ox	10	•	80	86914992150165	■
40 x 15 mm.	with shaft	915017	40	Al.Ox	10	•	80	86914992150172	■
40 x 15 mm.	with shaft	915018	60	Al.Ox	10	•	80	86914992150189	■
40 x 15 mm.	with shaft	915019	80	Al.Ox	10	•	80	86914992150196	■
40 x 15 mm.	with shaft	915020	120	Al.Ox	10	•	80	86914992150202	■
40 x 15 mm.	with shaft	915021	150	Al.Ox	10	•	80	86914992150219	■
40 x 15 mm.	with shaft	915022	180	Al.Ox	10	•	80	86914992150226	■
40 x 15 mm.	with shaft	915023	220	Al.Ox	10	•	80	86914992150233	■
40 x 15 mm.	with shaft	915024	320	Al.Ox	10	•	80	86914992150240	■
50 x 15 mm.	with shaft	915025	40	Al.Ox	10	•	80	86914992150257	■
50 x 15 mm.	with shaft	915026	60	Al.Ox	10	•	80	86914992150264	■
50 x 15 mm.	with shaft	915027	80	Al.Ox	10	•	80	86914992150271	■
50 x 15 mm.	with shaft	915028	120	Al.Ox	10	•	80	86914992150288	■
50 x 15 mm.	with shaft	915029	150	Al.Ox	10	•	80	86914992150295	■
50 x 15 mm.	with shaft	915030	180	Al.Ox	10	•	80	86914992150301	■
50 x 15 mm.	with shaft	915031	220	Al.Ox	10	•	80	86914992150318	■
50 x 15 mm.	with shaft	915032	320	Al.Ox	10	•	80	86914992150325	■
50 x 20 mm.	with shaft	915033	40	Al.Ox	10	•	80	86914992150332	■
50 x 20 mm.	with shaft	915034	60	Al.Ox	10	•	80	86914992150349	■
50 x 20 mm.	with shaft	915035	80	Al.Ox	10	•	80	86914992150356	■
50 x 20 mm.	with shaft	915036	120	Al.Ox	10	•	80	86914992150363	■
50 x 20 mm.	with shaft	915037	150	Al.Ox	10	•	80	86914992150370	■
50 x 20 mm.	with shaft	915038	180	Al.Ox	10	•	80	86914992150387	■
50 x 20 mm.	with shaft	915039	220	Al.Ox	10	•	80	86914992150394	■
50 x 20 mm.	with shaft	915040	320	Al.Ox	10	•	80	86914992150400	■
50 x 30 mm.	with shaft	915041	40	Al.Ox	10	•	80	86914992150417	■
50 x 30 mm.	with shaft	915042	60	Al.Ox	10	•	80	86914992150424	■
50 x 30 mm.	with shaft	915043	80	Al.Ox	10	•	80	86914992150431	■
50 x 30 mm.	with shaft	915044	120	Al.Ox	10	•	80	86914992150448	■
50 x 30 mm.	with shaft	915045	150	Al.Ox	10	•	80	86914992150455	■
50 x 30 mm.	with shaft	915046	180	Al.Ox	10	•	80	86914992150462	■
50 x 30 mm.	with shaft	915047	220	Al.Ox	10	•	80	86914992150479	■
50 x 30 mm.	with shaft	915048	320	Al.Ox	10	•	80	86914992150486	■
50 x 40 mm.	with shaft	915049	40	Al.Ox	10	•	80	86914992150493	■
50 x 40 mm.	with shaft	915050	60	Al.Ox	10	•	80	86914992150509	■
50 x 40 mm.	with shaft	915051	80	Al.Ox	10	•	80	86914992150516	■
50 x 40 mm.	with shaft	915052	120	Al.Ox	10	•	80	86914992150523	■



▲ Stock Item

■ Non Stock Item

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 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



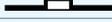
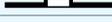
Wave Turbo Diamond Blade

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
180 x 2.2 x 22		950140	1	•		80	869149950350

Specifications:

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



Continious 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: _____

Handwriting practice lines consisting of 25 horizontal dotted lines.

Bonded Abrasive Plant

Karbosan Zımpara Taşı San. A.Ş.
Halkalı Yolu No. 253 Sefaköy
K.Çekmece - İstanbul / Turkey
Phone: +90 212 698 90 90 (Pbx)
Fax: +90 212 698 90 96
Mail: export@karbosan.com.tr

Coated Abrasive Plant

Veliköy Sanayi Bölgesi
Sanayi Caddesi No.76 Çerkezköy
Tekirdağ / Turkey
Phone: +90 282 746 13 91 (Pbx)
Fax: +90 212 471 67 85
Mail: export@karbosan.com.tr

www.karbosan.com.tr

