

PRODUCT CATALOGUE 2021



Karbosan, Turkey's first manufacturer of bonded abrasive products, started its production activities in Istanbul Halkalı in 1967 with a workforce of 40 employees, established on an area of 9.000 m2.

Today, a total of 570 employees and 95.000 m² area, Istanbul Halkalı and Tekirdağ Çerkezköy factories are offering quality, reliable and high performance products to more than 75 countries in 6 continents.

Thanks to the investments in innovation and R&D studies, Karbosan has a wide range of products for perfect surfaces.

With 54 years of experience in production of high quality bonded abrasive products, Karbosan has built on its system to meet the needs and expectations of its customers with high performance, from raw material supply to after-sales services.

Karbosan is the first company in Turkey to produce bonded abrasives according to the ISO 9001 Quality Management System and the first Turkish company to be a member of European Abrasive Manufacturers Federation (FEPA) and Organization for the Safety of Abrasives (OSA) with high quality production.

The quality of Karbosan product range is certified by Turkish Standards Institute as TS EN 12413 for bonded abrasives and TS EN 13743 for coated abrasives.

Karbosan takes into consideration the environmental impacts and in every step from the raw material to the delivery of the product to the customers makes its production delicate to the nature according to ISO 14001 Environmental Management system.













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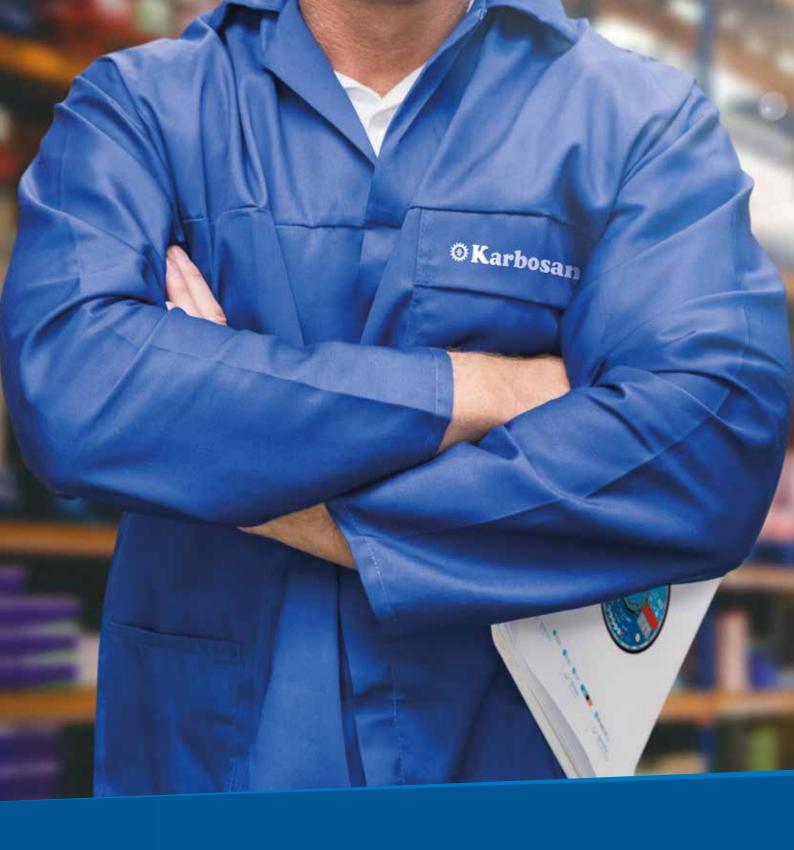
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Company Profile

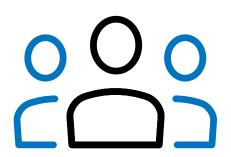


- Numbers & History
- R&D
- Production
- Quality & Certifications
- Sales & Marketing
- Strategy

Numbers

since 1967 producing abrasives years experience

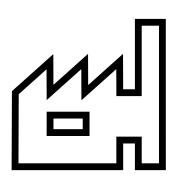




570 employees

exported countries





History

1967

1969

1970

1972 •

1974 • 1975 • 1976 •

1977

1978 **-**1979 **-**1980 **-**

1981 • 1982 • 1983 •

1984 • 1985 •

1986 **1987 =**

> 1988 1989

> > 1991 • 1992 • 1993 •

1994 1995 1996

1997

1999 2000

1998

2002 · 2003 · 2004 ·

2005 • 2006 • **2007 •**

2008 • 2009 •

2010 **-**2011 **-**2012 **-**

2013 • 2014 • 2015 •

2016

2021 -

2017 -

1967

Started production in bonded abrasive industry with 40 workers at its 9.000 m² covered area factory in Halkalı, İstanbul.

The first company in Turkey that produces organic and inorganic bonded abrasive products.



Karbosan has TSE label since the beginning and its products was entitled by the European norm TS EN 12413 for bonded abrasives.



The first company producing abrasive products in Turkey according to ISO Quality Management System.



The first company that was entitled to be a member of FEPA, Federation of European Producers of Abrasives.



The first abrasive factory in Turkey that was entitled to be a member of OSA, Organization of Safety of Abrasives.



Karbosan was entitled by Turkish Standards Institute (TSE) to EN 13743 for coated abrasives.



Karbosan established one of the most modern factories for coated abrasives production, located in Çerkezköy, Tekirdağ.

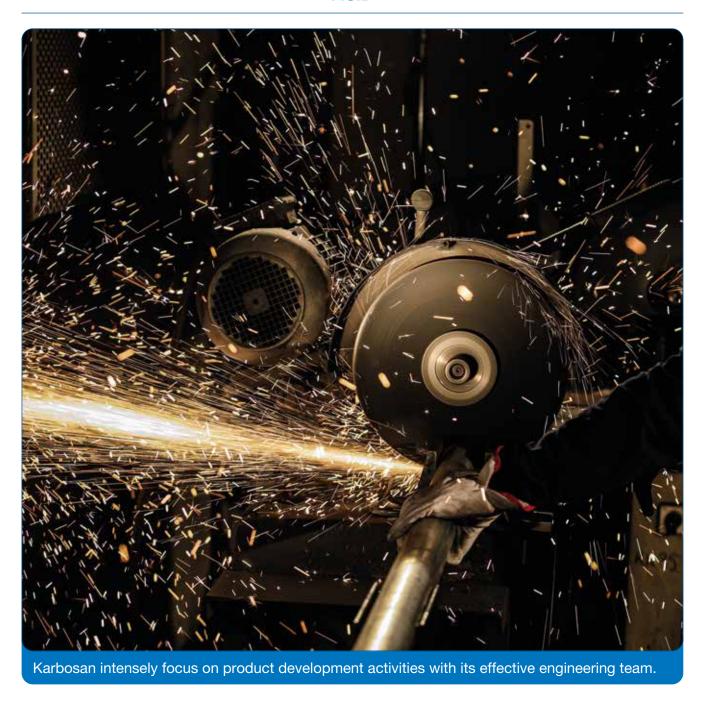


Karbosan has celebrated its 50th anniversary as a strong player in abrasive industry.



Karbosan production process is certified with ISO 14001 Environmental Management System.

R&D





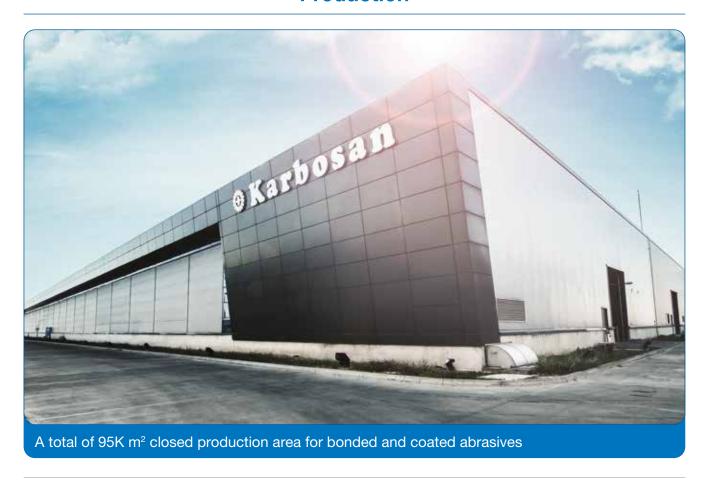






Product development activities are carried on many areas in order to increase product quality and decrease product costs.

Production







Leadership is achieved through continous development of products offering enhanced customer value and lower product costs.



Karbosan aims to radically reduce product and process costs through cost efficiency programs and sustainable operations.

Quality



Karbosan has built up all the quality processes from raw material supply to after-sales services to meet the needs and expectations of its customers with high performance.

Karbosan quality laboratories are continuously improved with intensive innovation studies in order to produce efficiently.

With its management, quality and safety certifications, Karbosan always sustains its production at a high level of safety and quality.









Coated Abrasive Performance Test Area

Certifications





ISO 9001:2015 **Quality Management System Certifications**

Karbosan is the first Turkish company manufacturing abrasive product certified with ISO 9001 Quality Management System.





ISO 14001:2015 **Environmental Management System Certifications**

Karbosan production process is certified with ISO 14001 Environmental Management System.





Turkish Standards Institute (TSE) TS EN 12413 Certification

Karbosan products' quality is certified by Turkish Standards Institute (TSE) TS EN 12413 for bonded abrasives.





Turkish Standards Institute (TSE) TS EN 13743 Certification

Karbosan products' quality is certified by Turkish Standards Institute (TSE) TS EN 13743 for coated abrasives.





Federation of European Producers of Abrasives (FEPA) Membership

Karbosan is the first Turkish company as a member of Federation of European Producers of Abrasives (FEPA) with its high quality production.





Organization for the Safety of Abrasives (OSA) **Membership Certification**

Karbosan is the first Turkish company as a member of Organization for the Safety of Abrasives (OSA) with its reliable production.









Coated Abrasive Fabricators Association (CAFA)

Karbosan is a member of Coated Abrasive Fabricators Association (CAFA) which connects suppliers and manufacturers in the industry.

Sustainable European Abrasive Manufacturers Program Membership (SEAM)

Karbosan is a member of Sustainable European Abrasive Manufacturers (SEAM) program. SEAM program is a FEPA initiative to commit continually improve sustainability for the environment, occupational health and safety and production processes.

Sales & Marketing

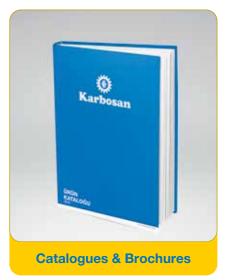


Karbosan, provides all technical information and support in all areas with various sales and marketing activities in abrasive solutions market.

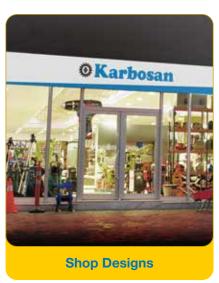




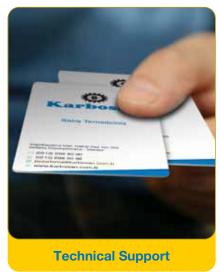
















Strategy





Our Vision

To increase customer satisfaction and loyalty by offering our innovative products with superior performance and quality in abrasive solutions market,

To be a highly preferred international brand by continously increasing our global market share by making a difference in competition power,

To increase the importance and the value that we give for sustainability, environmental awareness, human security and education.

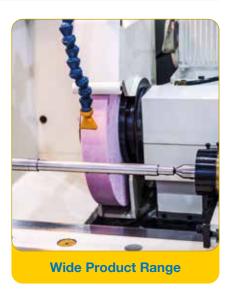


Karbosan is the leading brand in abrasive solutions market with a wide range of products all across the world.



expanding abrasive market.









Application Areas



Metal & Construction



115x1.0 Thin Line & ZA Thin Line Cutting Discs

Comfortable cutting high performance in thin cutters. It has aggressive abrasion capability with zirconium abrasive beads. (P. 60)



115x6.4 Grinding Discs

It is suitable for general purpose metal removal. Provides optimum performance in any application. (P. 80)



Comfort Line Zirconia & Premium Line Zirconia Flap Discs

Comfort Line Zirconia Flap Disc cotton cloth abrasive backing ZXR11 used for low pressure and low power operations for Stainless Steel and Premium Line Zirconia Flap Disc polycotton cloth abrasive backing ZXPR22 used for high pressure and high power operations for Metal and Steel. (P. 193 / P. 198)



ZWR11 Zirconia Fibre Disc

Ideal for sanding low alloy steel, stainless steel (lnox), high alloy steel, heat resistant steel and cast iron materials having standard vulcanized fibre backing and aggressive Zirconia abrasive grains. (P. 210)

Wood & Furniture



ACR31 Aluminum Oxide C Weight Paper Hook & Loop Disc

Ideal for sanding undercoated, painted and varnished surfaces in wood, automotive, paint and marine sectors, ACR31 having C weight paper backing with open coated Aluminum Oxide abrasive, also with anti-clogging Stearate coating which allows long lifetime and constant grinding. (P. 221)



AJR11 and AJR12 Aluminium Oxide J Cotton Roll

Ideal for wood and metal in shoprolls and sheets. Flexible structure, easily tearable by hand. AJR11 as the standard and AJR12 is the new economic version. (P. 142 / P. 143)



AJFR12 Aluminium Oxide J Flexible Cotton Endless Belt

J flexible cotton cloth backing with Aluminum Oxide abrasive AJFR12 is ideal for wood industry, furniture accessories, hardware and relevant sectors. Flexible structure and easily tearable by hand. (P. 144)



AXOP21 and AXR21 Narrow and Wide Belts

Having Semi-Open Aluminum Oxide abrasives, AXOP21 with X cotton cloth backing is suitable for narrow belts, new AXR21 with X Polycotton cloth backing is suitable for narrow and wide belts; used in sanding wood, aluminium, zamak and low alloy steels. (P. 154 / P. 155)

Wood & Metal Calibration



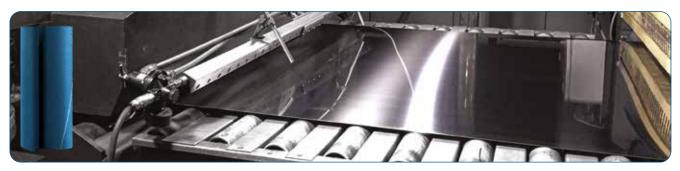
AFR71 Aluminium Oxide F Weight Paper Segmented Belt

AFR71 is ideal for sanding wooden panels with single or double joint segmented belts. Having antistatic F weight paper, also antistatic coating (which prevents the sticking of dust) and closed coated Aluminum Oxide abrasive. (P. 138)



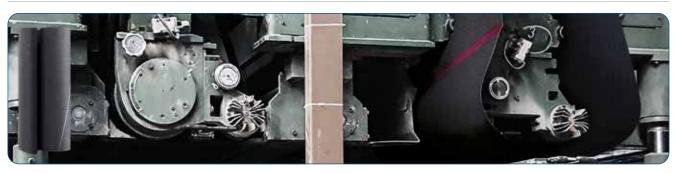
CFR91 Silicon Carbide F Weight Paper Segmented Belt

CFR91 is ideal for sanding wooden panels with single or double joint segmented belts. Having antistatic F weight paper, also antistatic coating (which prevents the sticking of dust) and semi open coated Silicon Carbide abrasive. (P. 139)



ZFR91 Zirconia F Weight Paper Segmented Belt

ZFR91 is ideal for sanding metal sheets with single or double joint segmented belts. Having antistatic F weight paper, also antistatic coating (which prevents the sticking of dust) and semi open coated Zirconia abrasive. (P. 140)



CZR71 Silicon Carbide Z Polyester Cloth Segmented Belt

CZR71 is ideal for sanding wooden panels with single or double joint segmented belts. Having antistatic F weight cloth, also antistatic coating (which prevents the sticking of dust) and closed coated Silicon Carbide abrasive. (P. 176)

Floor Sanding



AFR71 Aluminium Oxide F Weight Paper Hook & Loop Disc

AFR71 is ideal for floor sanding in hook&loop discs. Having antistatic F weight paper, also antistatic coating (which prevents the sticking of dust) and closed coated Aluminum Oxide abrasive. (P. 222)



CFR91 Silicon Carbide F Weight Paper Hook & Loop Disc

CFR91 is ideal for floor sanding in hook&loop discs. Having antistatic F weight paper, also antistatic coating (which prevents the sticking of dust) and semi-open coated Silicon Carbide abrasive. (P. 223)



ZXPR22 Zirconia Y Polycotton Endless Belt

Having Y poly-cotton cloth backing and 100% Zirconia abrasive, high stock removal and long life, ZXPR22 is ideal for floor sanding in endless belts. (P. 165)



CEYYR21 Ceramic Y Polyester Endless Belt

Having Y polyester cloth backing and Ceramic abrasive, high stock removal and long life, CEYYR21 is ideal for floor sanding in endless belts. (P. 172)

Shipyard



115x7.0 Grinding Disc (Marin)

It provides high performance in the grinding of welding places in the shipyard sector.



125x4.0 Cut-Off & Grinding Disc

It provides comfortable operation especially in deburring operations in narrow corners. (P. 75)



CER51 Ceramic Top Size Fibre Disc

Ideal for Shipyard industry in sanding stainless steel (Inox), high alloy steel and heat resistant steel and cast iron materials, having thicker vulcanized fibre backing and aggressive Ceramic abrasive grains, also heat absorbant Top Size. (P. 213)



Premium Line Ceramic Top Size Flap Disc

Premium Line Ceramic Top Size Flap Disc polycotton cloth abrasive backing CEY51 is ideal for Shipyard Industry and used for high pressure and high power operations for Metal and Steel. (P. 200)

Foundry



Swing Frame Grinding Wheels

It is suitable for grinding burrs and feeder parts of large casting blocks. Ideal for various applications in foundry industry.



230x3.8 AC Industry Cut-Off Disc

Used for cutting ductile iron and cast iron burrs. Ideal for various applications in foundry industry. (P. 69)



230x7.0 ZA Grinding Disc

It is used for heavy cast burrs grinding. Ideal for various applications in foundry industry. (P. 85)



Endless Belts with Y Polyester Cloth Backing

Having Y polyester cloth backing, high stock removal and long life, various types of products are ideal for sanding various types of castings with endless belts. ZYYR11 with 100% Zirconia, ZYYR51 with 100% Zirconia with Top Size, CEYYR51 Ceramic with Top Size, CEYYR52 Ceramic & Zirconia with Top Size. (P. 168)

Polishing



AHR31 Aluminum Oxide Polyester Film Hook & Loop Disc

Ideal for sanding various types of surfaces in automotive, paint, marine and stainless steel sectors, AHR31 having polyester film backing with semi open coated Aluminum Oxide abrasive, also with anti-clogging Stearate coating which allows faster cutting, long lifetime and constant grinding. Ideal for sanding paint and primer in automotive industry. Suitable for dry and wet applications. Tear resistant. (P. 220)



AJFR13 and AJFR10 Aluminium Oxide Top Size J Flexible Polycotton Endless Belts

Highly durable and flexible J Flexible Polycotton cloth backing with Aluminum Oxide grain allows perfect surfaces in various types of applications in polishing industry. AJFR13 as the standart version, AJFR10 as the heat resistant Top Size version. (P. 146 / P. 147)



Flap Wheel With Flange and Keyway Flap Wheels

Suitable for grinding wide and cylindrical parts both for inner and outer surfaces. Used in grinding various formed surfaces such as pots and pans. Suitable for both fixed and hand tools. (P. 242 / P. 243)



AGYYR21 Compact Aluminium Oxide Endless Belt and Hook & Look Disc

AGYYR21 with Compact Aluminum Oxide grain and YY Polyester cloth backing is served as endless belts and hook & loop discs for continual and long lasting stock removal of high alloy steel, stainless steel and low alloy steel. (P. 175 / P. 231)

Glazing & Stone & Granite



Marble Cut-Off Discs

Suitable for cutting artificial and natural rocks such as marble, brick, concrete, tile, shingle, curbstone. Featuring Silicon Carbide mixture abrasive grains and a hard structure, the product offers long lifespan and advantage of convenient cutting. (P. 66)



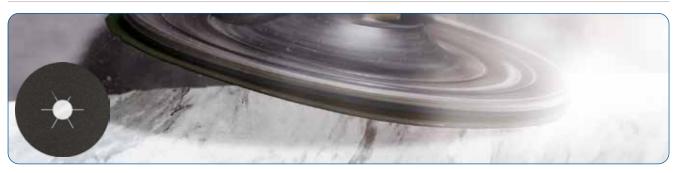
230x2.3 Diamond Blade

Suitable for wet or dry precision cutting processes of tiling, in particular and materials such as granite, marble, ceramic and brick. It does not break the material edges during cutting process. (P. 115)



CYXR11 Silicon Carbide Y Polyester Endless Belt

Having Y polyester cloth backing and Silicon Carbide abrasive, high stock removal and long life, CYXR11 is ideal for sanding glass with endless belts. (P. 169)



CWR11 SC Fiber Disk

Ideal for sanding glass, stone, granite and ceramic materials, having vulcanized fibre backing and Silicon Carbide abrasive. (P. 212)

Knives & Cutlery & Kitchen



AJFR10 Aluminum Oxide Top Size J Flexible Polycotton Endless Belt

Highly durable and flexible J Flexible Polycotton Cloth backing, Aluminum Oxide grain and heat resistant Top Size coating AJFR10 allows perfect surfaces in various types of applications in knives and cutlery industries. (P. 147)



CEF51 Ceramic Top Size J Flexible Polycotton Endless Belt

Highly durable and flexible J Flexible Polycotton Cloth backing, Ceramic grain and heat resistant Top Size coating CEF51 allows perfect surfaces in various types of applications in knives and cutlery industries. (P. 150)



ZYYR11 Zirconia Y Polyester Endless Belt

Having Y polyester cloth backing and 100% Zirconia abrasive, high stock removal and long life, ZYYR11 is ideal for sanding knives, cutlery and kitchen accessories with endless belts. (P. 170)



Flap Wheel With Flange and Keyway Flap Wheels

Suitable for grinding wide and cylindrical parts both for inner and outer surfaces. Used in grinding various formed surfaces such as pots and pans. Suitable for both fixed and hand tools. (P. 242 / P. 243)

Automotive



Crankshaft Grinding Wheels

It is used for precision grinding of crankshafts. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.



Camshaft Grinding Wheels

It is suitable for precision grinding of camshafts. Thanks to the special abrasives in its structure, it does not cause burns on the ground surface. Provides superior performance on all types of camshaft surfaces. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.



Gear Grinding Wheels

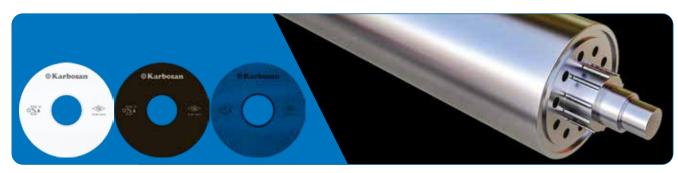
In gear production and revision to obtain the desired modules. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.



Bearing Grinding Wheels

It is used to obtain a sensitive surface on bearing parts. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.

Roll Grinding



New Generation Abrasive Grinding Wheels

With specially designed abrasive sands with its self-sharpening feature more stock removal ability. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.



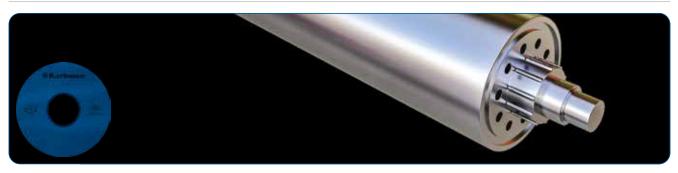
Roll Grindig Wheels With Resin Bonded

It is used to bring both hot and cold rolls to the desired surface quality. Its performance is high with its high stock removal ability. Specially designed products according to the grinding machine type have dimensions, types and specifications suitable for the machine.



Roll Grindig Wheels With Vitrified

It is used to bring both hot and cold rolls to the desired surface quality. Its performance is high with its high stock removal ability. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.



Neck of The Rolls Grinding Wheels

It is used for grinding the neck of the rolls. It provides superior performance in grinding the specified forms. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine.

Railway & Transportation



350x4.0x25.4 ZA Railway Cut-Off Disc

It is suitable for all rail cutting operations. Special zirconium oxide and product with aluminum oxide abrasive grains and hard structure, no runout, no vibration, high number of cuts and fast cutting has the advantage. (P. 74)



100x110xM20 Railway Grinding Wheel

It provides comfortable grinding with its superior performance in rectification of rails. Special zirconium oxide and Aluminum oxide has abrasive grains and a hard structure providing aggressive etching.



152x75x57 Railway Grinding Wheel

It provides comfortable grinding with its superior performance in rectification of rails. Special zirconium oxide and Aluminum oxide has abrasive grains and a hard structure providing aggressive etching.



125x65x27 Railway Grinding Wheel by Hand

It provides comfortable grinding with its superior performance in rectification of rails. Special Zirconium Oxide and Aluminum Oxide has abrasive grains and a hard structure providing aggressive etching.

Plastic & Rubber & Leather



Grinding Wheel

Suitable for sharpening process of lathe spindles on bench type surface grinding machines and also for all types of steel and iron grinding. It provides the advantages of general purpose use and offers maximum 35 m/s operating speed. (P. 94)



Rubber Rolls Grinding Wheels

It provides high performance in grinding rubber and ebonite rolls. Specially designed products according to the grinding machine type having dimensions, types and specifications suitable for the machine. (P. 96)



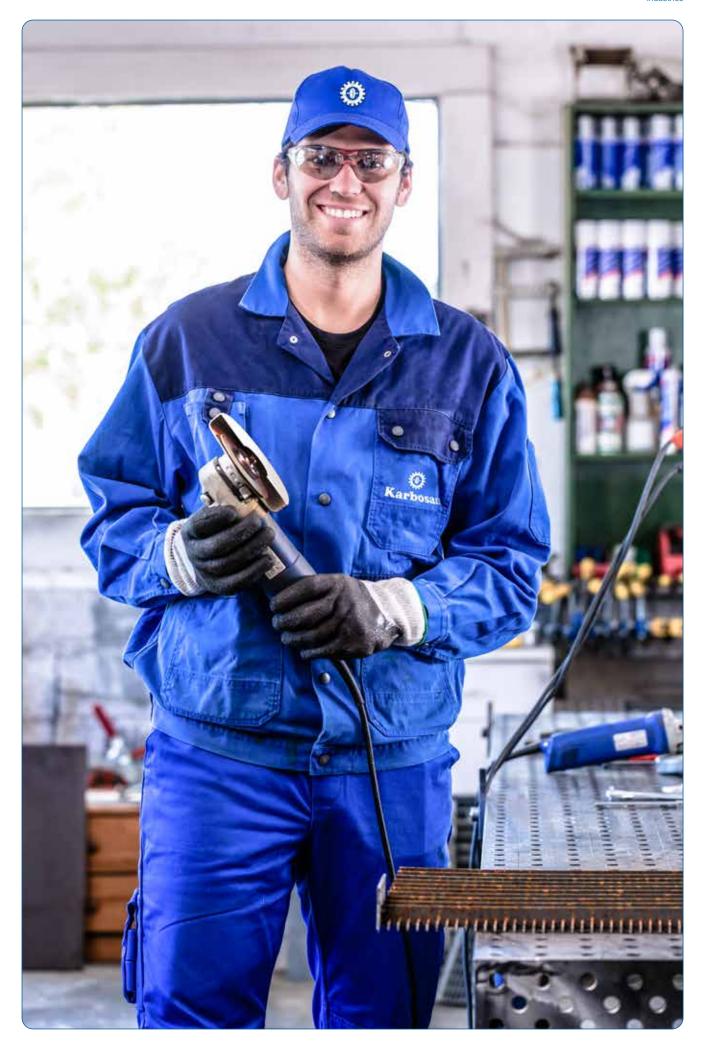
AXR21 and AYXR11 Narrow and Wide Belts

Having semi-open coated Aluminum Oxide abrasives with X polycotton cloth backing AXR21 and close coated Aluminium Oxide abrasives with Y Polyester cloth backing AYXR11 are suitable for narrow and wide belts; used in sanding plastic, rubber and leather. (P. 155 / P. 168)



ZYYR11 Zirconia Y Polyester Endless Belt

Having Y polyester cloth backing and 100% Zirconia abrasive, high stock removal and long life, ZYYR11 is ideal for sanding shoes with endless belts. (P. 170)





Innovation and New Products



New Shoproll Cloth AJR12



Ideal for wood and metal in shoprolls with hand use, the product has J Cotton Cloth and Aluminum Oxide abrasive grain. It has a flexible structure and is easily tearable by hand.

New Flap Wheel Cloth AXFR12



X Semi Flexible Cotton Cloth backing with Aluminum Oxide abrasive is specially designed for flap wheel with spindle and with flange. It has a flexible structure and long life.

New Flap Disc Cloths: ZXR12, AXPR12 & AXPR13



New products with Zirconia and Aluminum Oxide abrasive grain, Cotton and Poly-Cotton backings, specially designed for various Flap Disc applications.

New Hook&Loop Discs AHR31 and ACR31



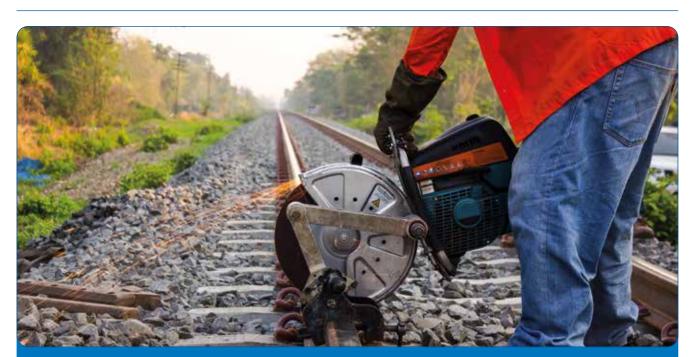
From Karbosan, 2 new versions of Hook&Loop Discs for various applications. AHR31 having Polyester Film backing is ideal for automotive, paint, marine and stainless steel industries; ACR31 having C Paper backing is ideal for wood, automotive, paint and marine industries; designed for perfect surfaces.

New Endless Belts AXR21, ZXPR13 & CEYYR52



3 new versions of Endless Belts for various grinding applications. AXR21 with X Poly-Cotton backing and Aluminum Oxide abrasive grain for wide belts in wood industry, ZXPR13 with X Heavy Poly-Cotton backing and Zirconia for narrow belts in various metal industries and CEYYR52 with Y Polyester backing and Ceramic-Zirconia abrasive grain for narrow belts in heavy metal grinding applications.

Rail Cut-Off Discs



Karbosan high performance Rail Cut-Off Discs, cut all rails in different hardness and weights, quickly and without vibration. Because of the high number of cuttings made with a single Disc, the worker avoids waste of time by not changing the disc constantly. The Rail Cut-Off Disc provides a smooth structure on the rail surface. Zirconium and Aluminum Oxide abrasive products are suitable for all kinds of rails.

New Saw Sharpening Wheel



Improved performance of grinding applications of strip and circular saws with a renewed formula. In particular, the secretion / balancing problems of the stones have been completely eliminated. The results of applications in the working areas support the increase of demand of completely new products.

New Precision Grinding Wheels



Inorganic bonded grinding wheels and organic bonded grinding wheels are preferred in precision grinding applications. In this product group, Karbosan has achieved significant performance gains by incorporating Aluminum Oxide abrasives produced by the SOL-GEL method in certain proportions in order to be used both as monocrystalline Aluminum Oxide and as Ceramic abrasive. In roller grinding, 100% performance gains were achieved with Ceramic abrasive and raised porosity ratio in grinding of precisely measured pieces produced in the automotive sector such as grinding of hard mold steels and sheet metal slitting blades (1.2379), gears and bearings.

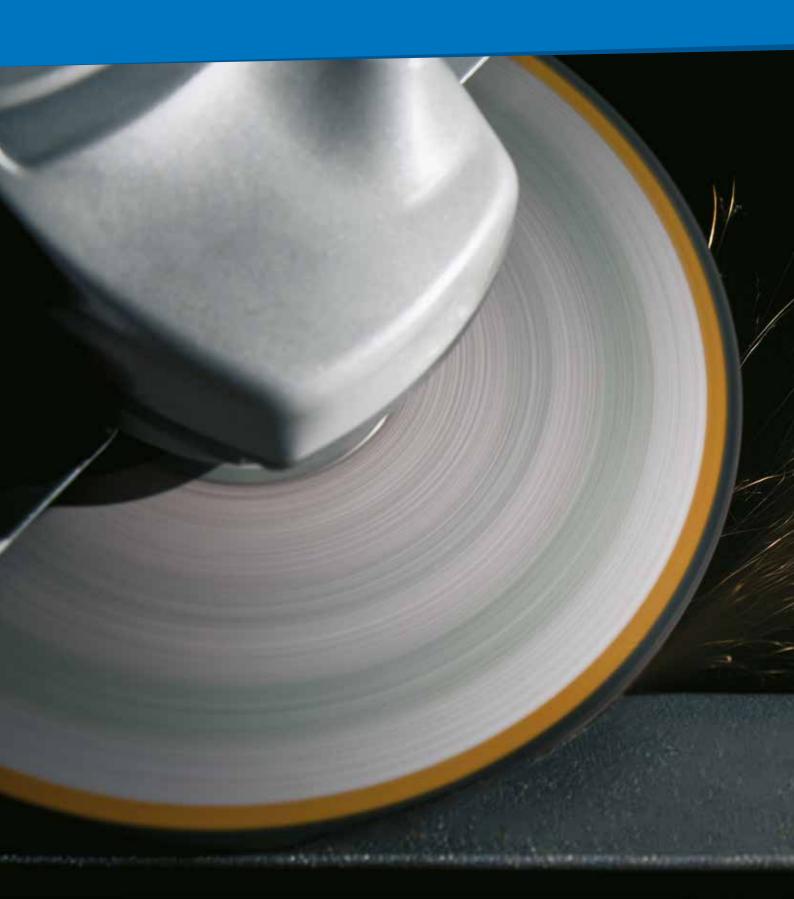


Products



- Bonded Abrasives
- Diamond Blades
- Coated Abrasives

Bonded Abrasives



- Technical Information
- Technical Table
- Resin Bonded Products
- Vitrified Products



Abrasive Grains

Abrasive Grain Type

Silicon Carbide (C)

Aluminum Oxide (A)

Zirconia (Z)

Ceramic (Cu)

Description

Very hard and brittle abrasive for surface grinding of glass or stone materials and grinding and cutting processes of cast iron materials

Hard and durable abrasive for grinding and cutting of alloyed, non-alloyed steel and stainless steel (lnox) materials

Hard and very durable abrasive for grinding and cutting processes of alloyed, high-alloyed steel and cast steel materials

Hard and very durable, long-lasting and self sharpening abrasive for grinding and cutting processes of high-alloyed steel and hardened steel materials

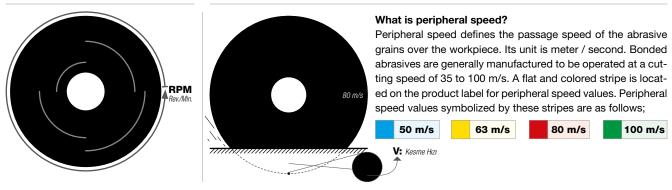
Revolution and Peripheral Speed Values

Operating Speed

Maximum peripheral speed and maximum revolution speed of any product used for cutting or grinding process are indicated on the product label. Also, maximum peripheral speed value is defined clearly with a flat and colored stripe located on the label. Maximum operating speeds of the products are determined according to TS EN 12413 standard. Maximum peripheral speed and maximum revolution speed indicated on the label should never be exceeded in order to ensure safe operation of the product. The following graphics define the revolution speed, peripheral speed and definitions of the colored stripes.

Revolution Speed (RPM: Revolutions/Minute)

Peripheral Speed (m/s: Meters/Second)



Speed Conversion Chart

The following chart represents the cutting speed and r.p.m relation according to the wheel diameter.

	External					Per	ripheral Spe	eed				
	Diameter mm	16	20	25	32	35	40	45	50	63	80	100
	80	3.850	4.800	6.000	7.650	8.400	9.550	10.750	12.000	15.100	19.100	23.900
	100	3.100	3.850	4.800	6.150	6.700	7.650	8.600	9.550	12.100	15.300	19.100
	115	2.700	3.350	4.200	5.350	5.850	6.650	7.500	8.350	10.500	13.300	16.650
	125	2.450	3.100	3.850	4.900	5.350	6.150	6.900	7.650	9.650	12.250	15.300
	150	2.050	2.550	3.200	4.100	4.500	5.100	5.750	6.400	8.050	10.200	12.700
	180	1.700	2.150	2.700	3.400	3.750	4.250	4.800	5.350	6.700	8.500	10.650
	200	1.550	1.950	2.400	3.100	3.350	3.850	4.300	4.800	6.050	7.650	9.550
_	230	1.350	1.700	2.100	2.700	2.950	3.350	3.750	4.200	5.250	6.650	8.350
eec	250	1.250	1.550	1.950	2.450	2.700	3.100	3.450	3.850	4.850	6.150	7.650
Sp	300	1.050	1.300	1.600	2.050	2.250	2.550	2.870	3.200	4.050	5.100	6.400
Revolution Speed	350 / 356	875	1.100	1.400	1.750	1.950	2.200	2.450	2.750	3.450	4.400	5.500
9	400 / 406	765	960	1.200	1.550	1.700	1.950	2.150	2.400	3.050	3.850	4.800
Sev.	450 / 457	680	850	1.100	1.400	1.500	1.700	1.950	2.150	2.700	3.400	4.250
_	500 / 508	615	765	960	1.250	1.350	1.550	1.750	1.950	2.450	3.100	3.850
	600 / 610	510	640	800	1.050	1.150	1.300	1.450	1.600	2.050	2.550	3.200
	650 / 660	460	580	720	930	1.010	1.160	1.300	1.450	1.820	2.320	2.900
	750 / 762	410	510	640	820	895	1.050	1.150	1.300	1.650	2.050	2.550
	800 / 813	385	480	600	765	840	960	1.075	1.200	1.550	1.950	2.400
	900 / 914	340	425	535	680	750	850	955	1.100	1.350	1.700	2.150
	1000 / 1015	310	385	480	615	670	765	860	960	1.250	1.550	1.950
	1060 / 1067	295	365	455	585	640	730	820	910	1.150	1.500	1.850

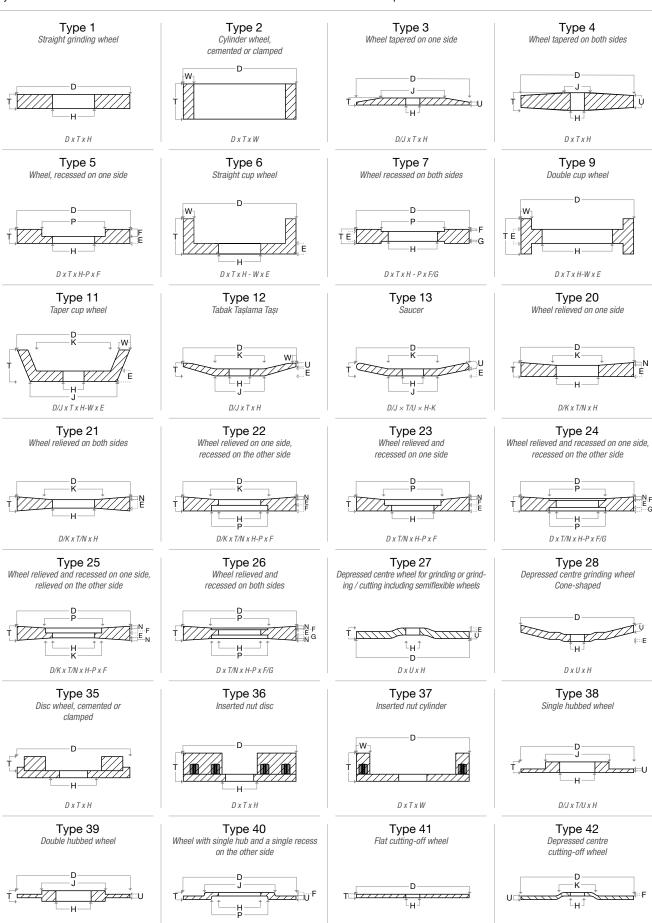
Types

Symbols on the labels or the surfaces of bonded abrasives indicate the form of the product.

D/J x T/U x H

 $D/J \times T/U \times H - P \times F$

DxTxH



 $D \times U \times H$

Pictogram and Symbols

Machine Pictograms



Hand-held Angle **Cutting Machine**



Hand-held Angle Grinding Machine



Stationary Cutting Machine ≥3 kW



Stationary Cutting Machine <3 kW



Petrol Saw



Rail Cutting Machine



Tool Sharpening Machine



Bench Grinding Machine

Safety Pictograms and Information Symbols



Read the Operating Instructions



Wear Eye Protection



Wear Ear Protection



Wear Protective Gloves



Wear Respiratory



Never Use A Damaged Bonded Abrasive!



Do Not Perform Grinding!



Only permitted for grinding at an angle greater than 10°



Not Suitable For Portable Grinding Machine!



Only suitable for totally-enclosed machines



Suitable for Wet Use



Not Suitable for Wet



The Product Does Not Contain Iron (Fe) and Sulfur (S).



Suitable for Cutting and **Grinding Operations**



Correct Assembly Method



Incorrect Assembly Method



Standard Compliance Marking



OSA Membership Logo



Safety Recommendations for Use

Inadequate use of bonded abrasives is very dangerous. Attention should be paid against the risks which may occur during the use of bonded abrasive and the necessary measures that need to be taken should be examined. Only the bonded abrasives conforming to the highest safety standard EN 12413 and bearing that mark should be used. They should never be used with a machine which does not function properly or which has defective-missing parts. Employers should carry out risk assessment on all individually operated abrasive systems and they should ensure that the employees have received the suitable training in order to fulfill their tasks.

Precautions Against Possible Risks

Physical Contact with Abrasive Wheels

- The utmost care and attention should always be taken when using abrasive wheels. Long hair should be tied from behind, loose garments, ties and jewelry should not be worn.
- To prevent any unintended start-off of the machine prior to installation or replacement of the abrasive wheel, the machine should be disconnected from the power supply or plugged off.
- Never dismount the guards (protective equipment) of the machines. Ensure that machine guards are in good condition and properly adjusted before operating the machine.
- If the workpiece or the machine is operated manually, always wear gloves and suitable clothes. Minimum protection level for the gloves should conform to category 2 in EN 388 standard.

Injuries Which can be Caused by Broken Abrasive Wheels

- Always handle abrasive wheels with utmost care and attention since they are easily damaged. Examine all abrasive wheels for damages or defects before use.
- Store abrasive products in dry and frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected to prevent damage and distortion.
- Abrasive wheels which have reached the date of expiry should never be used. Recommended shelf life for abrasive wheels can be specified as follows according to the binding material they contain; 3 years for organic and shellac bonded products, 5 years for rubber bonded products, 10 years for inorganic bonded products.
- The abrasive wheel or its packaging should be checked for any warning information or other safety information.
- Ensure that the right abrasive wheel is selected. Never use a product without any information about its application area.
- Follow the instructions provided by the abrasive wheel or machine supplier when mounting bonded abrasives.
- Never exert excessive force when mounting any products on the equipment. The mounting equipment should not be modified to fit any unsuitable product.
- Never exceed the maximum operating speed specified on the abrasive wheel.
- Check that the correct mounting equipments are used and that they are undistorted, clean and free from rust.
- Use mounting blotters supplied by the supplier.
- After mounting an abrasive wheel on the machine, conduct a trial run at its own operating speed with the protective equipment of the machine in place for at least 30 seconds before use.
- Never dismount the guards (protective equipment) of the machines. Ensure that the machine guards are in good condition and properly adjusted.
- Ensure that the workpiece is supported safely and properly. Ensure that the clamps are adjusted properly and in a safe position.
- Never start the machine while the abrasive wheel installed on the machine is in contact with the workpiece.
- Avoid exerting excessive load or sudden pressure on the abrasive wheel and do not allow overheating

- Sections of the abrasive wheels not designed for grinding should not be used.
- The surface of the wheel should be reprocessed with dressing tools at suitable frequency to ensure efficient operation of the abrasive wheel and to prevent clogging or irregular wearing phenomena.
- Abrasive wheel should be allowed to stop by itself, never attempt to stop ity by exerting any pressure on the surface.

Noise

- Ear protection is recommended to conform to EN 352 standards for all applications (manually fixed workpiece or machine) regardless of the sound level.
- Ensure that the right abrasive wheel is selected for the operation.
 An unsuitable abrasive wheel can produce excessive noise.

Vibration

- Processes where the workpiece or the machine is hand-held can cause injuries due to the vibrations.
- Work should be interrupted if tingling, sense of pinpricking or numbness is experienced after continuously using the abrasive product for more than 10 minutes.
- The effects of vibration are felt more in cold conditions so keep your hands warm and regularly exercise hands and fingers. Use modern equipment with low vibration levels.
- Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs.
- Use good quality abrasive wheels and keep them in good condition during their lifespan.
- Maintain mounting flanges in good condition and replace such equipment with new ones if they get worn-torn or distorted.
- Do not grip the workpiece or machine too tightly and do not exert excessive pressure on the abrasive wheel.
- Avoid continuous operation of abrasive wheels.
- Use the correct product. An unsuitable abrasive wheel can produce excessive vibration.
- Don't ignore the physical problems occurred due to vibration seek medical advice.

Disposal of Abrasive Wheels

- Used or defective abrasives should be disposed of in accordance with local or national regulations.
- Further information can be obtained from Product Information sheets provided by the supplier.
- Be aware that the abrasive product may be contaminated with material from the workpiece or the work process after use.
- Abrasive wheels which are to be discarded should be damaged before their disposal so that their reuse is prevented.

pplication Type				Spec	cifica	tion			duct rm	Ар	plica	tion	Meti	nod
Application Type	Product Type	Application Material	Abrasive Grain Type	Grit Size	Hardness	Binder Type	Peripheral Speed	Flat	Depressed Center	Hand Grinder	Fixed Cutting Bench (<3kW)	Fixed Cutting Bench (≥3KW)	Portable Gas Operated Cutter	Fixed Power Rail Cutter
			Α	54	R	BF	80	•		•				
		Metal	Α	46	R	BF	80	•		•				
			Α	36	R	BF	80	•		•				
			AA	60	R	BF	80	•	•	•				
	Thin Line Cut-Off	Stainless Steel (Inox)	AA	54	R	BF	80	•		•				
		()	AA	46	R	BF	80	•		•				
			AA	36	R	BF	80	•		•				
			Α	36	Q	BF	80		•	•				
		Aluminium	Α	54	Q	BF	80		•	•				
			A	46	Q	BF	80		•	•				
		Metal / Stainless Steel (Inox)	ZA	46	R	BF	80	•		•				
	Plus Thin Line Cut-Off		CuA	542	T	BF	80	•		•				
		Cut & Cut	CuA		T	BF	80	•		•				
			CuA	362	T	BF	80	•		•				
Cut-Off Discs		Metal	A	36	T	BF	80	•	•	•				
		Stainless Steel (Inox)	_ AA	24	S	BF	80	•	•	•				
	Cut-Off	Aluminium	A	36	Q	BF	80		•	•				
		Cast Iron	_ <u>C</u>	30	S	BF	80	•	•	•				
		Marble	C	30	R	BF	80	•	•	•				
		Metal	_ A	30	T	BF	80	•	•	•				
	Plus Cut-Off	Cast Iron	ZA	30	TX	BF	80	•	•	•				
			AC	36	SX	BF	80	•	•	•				
				30/36		BF	80	•			•	•		
	Fixed Bench Cut-Off	Metal	A	36/46		BF	80	•			•	•		
			Α	30/36		BF	80	•				•		
		Cast Iron	_ <u>C</u>	24	S	BF	80	•			•	•		
	Gas Operated Cut-Off	Cast Iron	C	24	S	BF	100	•					•	
	Rail Cut-Off	Metal	A	36	R	BF	100	•						•
	Plus Rail Cut-Off	Rail	ZA	30	R	BF	100	•						•
Cut-Off / Grinding Discs	Cut-Off / Grinding	Metal	_	24/36		BF	80		•	•				
		Metal	_ A	24	RS	BF	80		•	•				
	Grinding	Stainless Steel (Inox)	_ AA	24	Р	BF	80		•	•				
Grinding Discs		Cast Iron	_ <u>C</u>	24	S	BF	80		•	•				
		Aluminium	_ A	24	N	BF	80		•	•				
	Plus Grinding	Metal	_ A	30	Q	BF	80		•	•				
		Cast Iron	ZA	24	R	BF	80		•	•				
		Flared Cup Wheel	SC	16	L5	BB				•				
Grinding Wheels	Grinding Wheels	Flat Cup Wheel	SC	16	L5	BB				•				
		Marble and Mosaic Cup Wheel	SC	16	L5	BB				•				
		NK Recess Grinding Wheel	NK	80	Q4	BA				•				

Dimension (mm)	Thickness (mm)					Mate	rial							
		Weld		Steel Materials		Cast Materials		Nonferrous	Ş	Stone and	Cement Produ	cts	Steel F	Rail Profiles
100 115 125 150 180 230 330 350 400 500	0.8 1.0 1.2 1.6 1.9 2.0 2.0 2.0 3.0 3.2 3.2 3.2 4.0 4.0 6.0 6.0 6.0 6.0 6.0 10 10 10 10 10 10 10 10 10 10 10 10 10	Welding Burrs Weld Seam	All Structural Steels Low Alloy Steels		Stainless Steel	Cast Iron With Spherical Graphite (Nodular) Gray Cast Iron (Pig) Common Steel Cast (Containing Mn and Stainless Properties)	Sand Finished Surfaces	Aluminium Metas Copper Brass, Bronze		Artificial Rocks	Natural Rocks Asphalt	ts and		54 Kg/m 49 Kg/m
					leax			Coi Ni Ni Ni Si						
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Resin Bonded Products



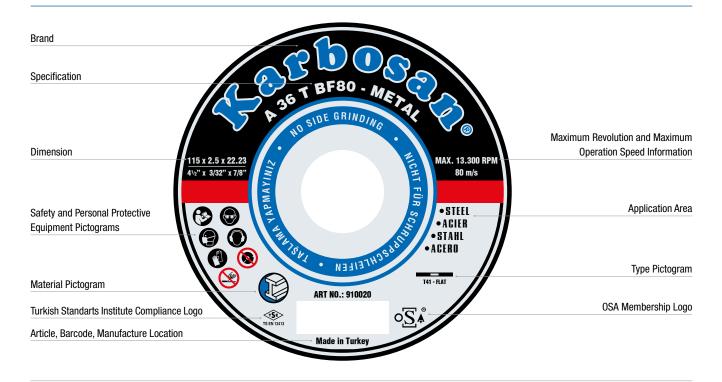
- Cut-Off Discs
- Grinding Discs
- Grinding Wheels



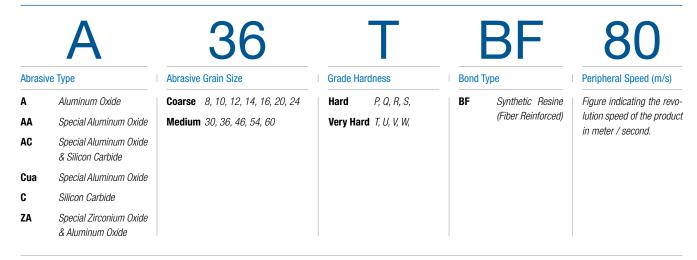




Label Information



Specifications Definition



Material Pictograms and Colors

Karbosan bonded abrasives are classified according to application types for full performance and safe use. This classification is indicated on the label by a pictogram, which shows application material, and a text. Also, each material is assigned with a color to represent the application material.







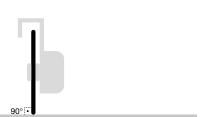




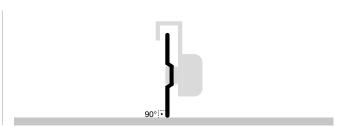


Types

T41 - Flat

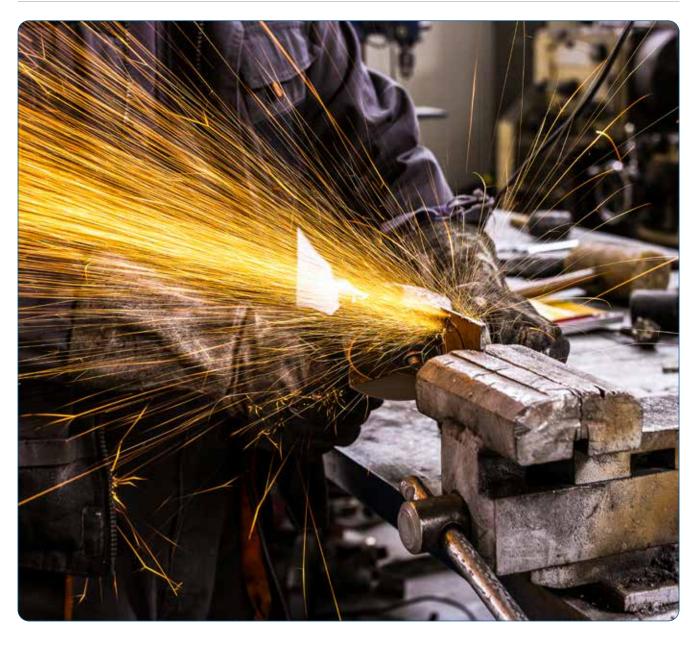


T42 - Depressed Center



Usage Recommendations and Information

- Ensure that the product you will use is not incomplete or damaged.
- Never perform cutting tasks with a grinding disc.
- Always follow the general usage warnings and safety instructions.
- You can watch tutorial videos for safe usage at www.karbosan.com.
- Expiry date of the product is indicated on the bore and period abbreviations after the year marks are listed as V01-V12 (January-December).
- Never use expired products.



Thin Line Cut-Off Discs



MetalThin Line Cut-Off Discs

steels.

Abrasive Features

: Aluminum Oxide

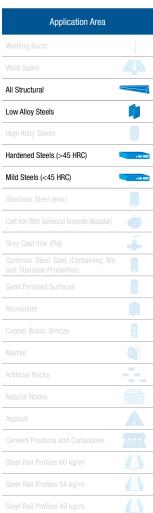
: Suitable for cutting all structural steel (ST-37, 42, 52), thin metal sheets, pipe and profiles. Featuring aluminum oxid abrasive grains and a hard structure, th product offers the advantage of minimum material loss in precision cuttin processes of all thin walled structura

	Standard	•
tructural steels	Plus	
Il sheets, pipes Iuminum oxide	Application Method	
d structure, the	Hand Grinder	TO SECOND
ntage of mini- ecision cutting	Fixed Cutting Bench (<3 kW)	43 XW
alled structural	Fixed Cutting Bench (≥3 kW)	23 kg
	Portable Gas Operated Cutter	
	Fixed Power Rail Cutter	

Version

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 1.0 x 16	969970		25	300
		115 x 1.0 x 22.23	910440	-	25	300
	A 54 R BF80	115 x 1.2 x 22.23	911670	80	25	300
		125 x 1.0 x 22.23	910460	_	25	300
		125 x 1.2 x 22.23	912580	_	25	300
T41		115 x 1.6 x 22.23	910450		25	300
171	A 46 R BF80	125 x 1.6 x 22.23	910470	80	25	300
		150 x 1.6 x 22.23	912680		25	150
		180 x 1.6 x 22.23	912338		25	150
	A 36 R BF80	180 x 1.9 x 22.23	910480	80	25	150
		230 x 1.9 x 22.23	910490	_	25	100





Thin Line Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Stainless Steel (Inox) Thin Line Cut-Off Discs

Abrasive Features

- : Special Aluminum Oxide
- : Suitable for cutting stainless steel (Inox), 304 and 316 L grade thin metal sheets, 304 grade stainless steel pipe, flat bars. Featuring special aluminum oxide grains and a hard structure, the product offers the advantage of minimum material loss in precision cutting processes of all thin walled structural steels. The product does not contain iron (Fe) and sulfur (S).



Application Area	
Welding Burrs	
Weld Seam	4
All Structural	
Low Alloy Steels	N
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC
Mild Steels (<45 HRC)	<45 HRC
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Aluminium	
Steel Rail Profiles 60 kg/m	11
Steel Rail Profiles 54 kg/m	1
Steel Rail Profiles 49 kg/m	11

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
	AA 60 R BF80	115 x 0.8 x 22.23	912490	- 80	25	300
	AA OU K DFOU	125 x 0.8 x 22.23	912500	- 00	25	300
		100 x 1.0 x 16	912460		25	300
		115 x 1.0 x 22.23	910380	-	25	300
	AA 54 R BF80	115 x 1.2 x 22.23	911680	80	25	300
		125 x 1.0 x 22.23	910400		25	300
		125 x 1.2 x 22.23	912590		25	300
141		115 x 1.6 x 22.23	910390		25	300
	AA 46 R BF80	125 x 1.6 x 22.23	910410	80	25	300
		150 x 1.6 x 22.23	912900	-	25	150
		180 x 1,6 x 22.22	910421		25	150
	AA 36 R BF80	180 x 1.9 x 22.23	910420	80	25	150
		230 x 1.9 x 22.23	910430	-	25	100
	AA CO D DEGO	115 x 0.8 x 22.23	912510	00	25	300
T42	AA 60 R BF80	125 x 0.8 x 22.23	912550	- 80	25	300
142	AA 36 R BF80	180 x 1.6 x 22.23	969960	80	25	150



Thin Line Cut-Off Discs



AluminiumThin Line Cut-Off Discs

Abrasive Features

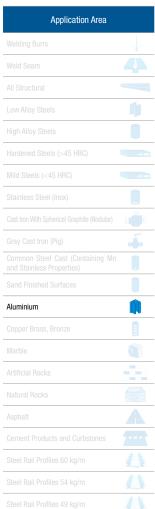
: Aluminum Oxide

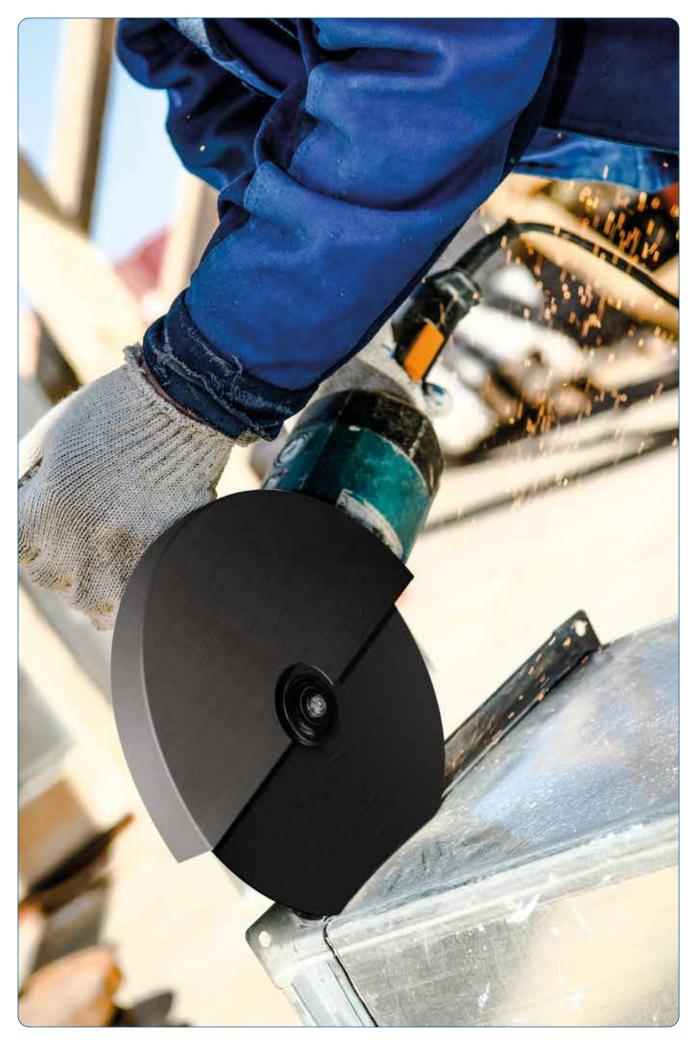
: Suitable for cutting operations on aluminium materials. Featuring aluminum oxide abrasive grains and a hard structure, the product is specially manufactured for cutting aluminium materials without clogging. Offers the advantage of convenient and fast cutting of aluminium materials.

Version	
Standard	•
Application Metho	od
Hand Grinder	7000
Fixed Cutting Bench (<3 kW)	-d kg
Fixed Cutting Bench (≥3 kW)	13 km

Гуре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
	A 54 O D500	115 x 1.0 x 22.23	911030	0.0	25	200
	A 54 Q BF80	125 x 1.0 x 22.23	911060	- 80	25	200
	A 46 Q BF80	115 x 1.6 x 22.23	911040	00	25	200
T41	A 40 Q DF00	125 x 1.6 x 22.23	911070	- 80	25	200
	A 26 O DE90	180 x 1.9 x 22.23	911090	90	25	200 200 200
	A 36 Q BF80	230 x 1.9 x 22.23	911110	- 80	25	100







Plus Thin Line Cut-Off Discs



Zirconium Plus Thin Line Cut-Off Discs

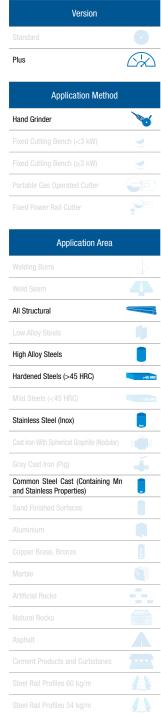
Features

- : Special Zirconium Oxide & Aluminum Oxide
- : Sui and sta spe ide pro of : and hea do

	Plus
uitable for cutting stainless steel (Inox), 304	
nd 316 L grade thin metal sheets, 304 grade ainless steel pipe and flat bars. Features	Application Metho
pecial zirconium oxide and aluminum ox-	Hand Grinder
e abrasive grains and a hard structure. The oduct features a longer lifespan, advantage	Fixed Cutting Bench (<3 kW)
faster cutting compared to its counterparts and has a specification, which minimizes the	Fixed Cutting Bench (≥3 kW)
eat effect on stainless materials that have	
ensitive nature against heat. The product pes not contain iron (Fe) and sulfur (S).	Fixed Power Rail Cutter
	Application Area

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		115 x 1.0 x 22.23	908716		25	200
	ZA 46 R BF80	115 x 1.6 x 22.23	908717	00	25	200
T41	ZA 40 K DFOU	125 x 1.0 x 22.23	908718	80	25	200
		125 x 1.6 x 22.23	908719		25	200





Plus Thin Line Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Application Area

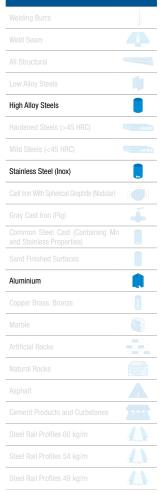
Cut & Cut Plus Thin Line Cut-Off Discs

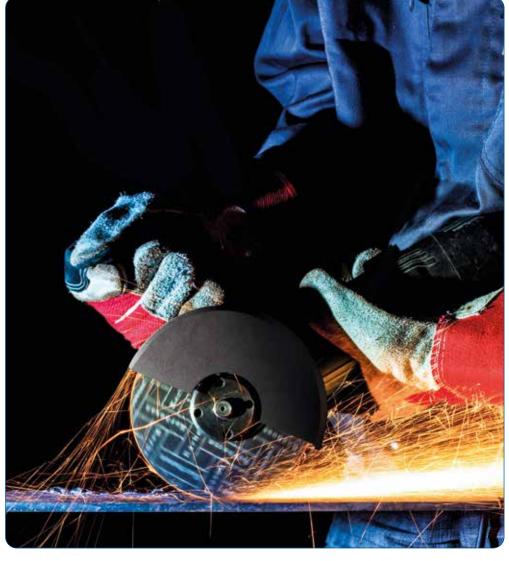
Abrasive Features

- : Special Aluminum Oxide
 - : Suitable for cutting stainless steel (Inox), 304 and 316 L grade thin metal sheets, 304 grade stainless steel pipe and flat bars. Features special aluminum oxide abrasive grains and a hard structure. Thank to its the speacial aluminum oxide abrasive grains, the product, features the advantage of faster cutting and minimizes the influence of heat on stainless materials, which demonstrate heat-sensitive behavior. The product does not contain iron (Fe) and sulfur (S).



Гуре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box	
	CuA 542 T BF80	115 x 1.0 x 22.23	910500	- 80	25	300	
	CUA 542 I BF00	125 x 1.0 x 22.23	910520	00	25	300	
	CuA 462 T BF80	115 x 1.6 x 22.23	910510	- 80	25	300	
T41	OUA 402 1 DF00	125 x 1.6 x 22.23	910530	00	25	300	
	CuA 362 T BF80	180 x 1.9 x 22.23	910820	00	25	150	
	UIA 302 I DF0U	230 x 1.9 x 22.23	910830	- 80	25	100	







Metal Cut-Off Discs

Abrasive Features : Aluminum Oxide

: Suitable for welded production, weld seam splitting processes, ferrous metals, non-alloyed or low alloy steels, any kind of reinforcement bars, box profiles, solid iron, SAE 1040-1050 flat steels, steel construction. Featuring aluminum oxide abrasive grains and a hard structure, the product offers long lifespan and advantage of fast cutting.

Version				
Standard	•			
Application Metho	od			
Hand Grinder	700			
Fixed Cutting Bench (<3 kW)	c) MV			
Fixed Cutting Bench (≥3 kW)	10 kW			
	F			

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 2.5 x 16	910010		25	200
		100 x 3.0 x 16	912850		25	200
		115 x 2.5 x 22.23	910020		25	200
		115 x 3.0 x 22.23	910910		25	200
		125 x 2.5 x 22.23	910030		25	200
	A 36 T BF80	125 x 3.0 x 22.23	910920	- 80	25	200
T41	A OU I DEOU	150 x 2.5 x 22.23	912780	00	25	150
		150 x 3.0 x 22.23	911180		25	150
		180 x 2.5 x 22.23	910930		25	150
		180 x 3.0 x 22.23	910040		25	150
		230 x 2.5 x 22.23	910940		25	100
		230 x 3.0 x 22.23	910050	-	25	100
		100 x 2.5 x 16	910060		25	200
		100 x 3.0 x 22.23	912840	-	25	200
		115 x 2.5 x 22.23	910070		25	200
		115 x 3.0 x 22.23	910950		25	200
		125 x 2.5 x 22.23	910080		25	200
T42	A 36 T BF80	125 x 3.0 x 22.23	910960	80	25	200
		150 x 3.0 x 22.23	912600	-	25	150
		180 x 2.5 x 22.23	910970		25	150
		180 x 3.0 x 22.23	910090		25	150
		230 x 2.5 x 22.23	910980		25	100
		230 x 3.0 x 22.23	910100	-	25	100





Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Stainless Steel (Inox) Cut-Off Discs

Abrasive Features

- : Special Aluminum Oxide
- : Suitable for cutting stainless steel (Inox), 304 and 316 L grade thin metal sheets, 304 grade stainless steel pipe, flat bars. Featuring special aluminum oxide grains and a hard structure, the product minimizes the influence of heat on stainless materials, which demonstrate heat-sensitive behavior. The product does not contain iron (Fe) and sulfur (S).



Application Area	
Welding Burrs	
Weld Seam	4
High Alloy Steels	
Stainless Steel (Inox)	
Gray Cast Iron (Pig)	4
Common Steel Cast (Containing Mn and Stainless Properties)	
Aluminium	
Steel Rail Profiles 60 kg/m	

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 2.5 x 16	910010		25	200
		115 x 2.5 x 22.23	910930		25	200
T41 AA 24 S BF8	AA 24 S BF80	125 x 2.5 x 22.23	910040	80	25	200
		180 x 3.0 x 22.23	910940		25	150
		230 x 3.0 x 22.23	910050		25	100
		100 x 2.5 x 16	910060		25	200
		115 x 2.5 x 22.23	910970	-	25	200
T42	AA 24 S BF80	125 x 2.5 x 22.23	910090	80	25	200
		180 x 3.0 x 22.23	910980	-	25	150
		230 x 3.0 x22.23	910100	-	25	100





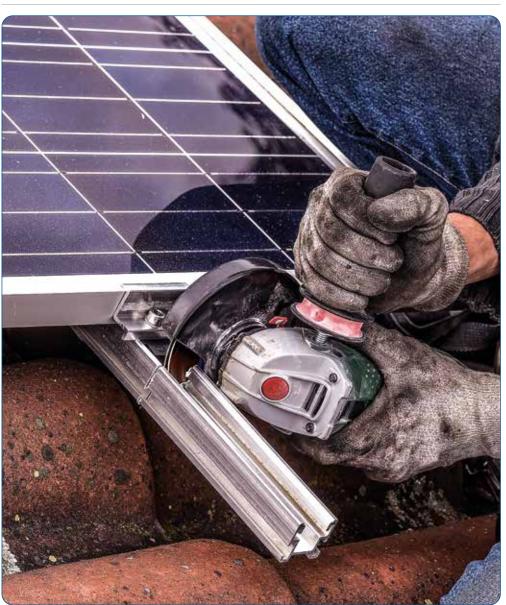
AluminiumCut-Off Discs

Abrasive Features : Aluminum Oxide

: Suitable for cutting operations on aluminium materials. Featuring aluminum oxide abrasive grains and a hard structure, the product is specially manufactured for cutting aluminium materials without clogging. Offers the advantage of convenient and fast cutting of aluminium materials.

Version			
Standard	•		
Application Metho	od		
Hand Grinder	7000		
Fixed Cutting Bench (<3 kW)			
Fixed Cutting Bench (≥3 kW)	10 kg		

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
T42		115 x 3.0 x 22.23	911050	00	25	200
	A 00 0 DE00	125 x 3.0 x 22.23	911080	80	25	200
	A 36 Q BF80	180 x 3.0 x 22.23	911100		25	150
		230 x 3.0 x 22.23	911120	-	25	100





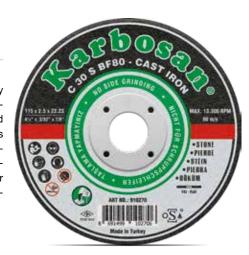
Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (≥3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Cast Iron Cut-Off Discs

Abrasive Features : Silicon Carbide

rous materials.

Suitable for cutting processes of grey cast iron, sand finished surfaces, copper, brass, bronze, marble, artificial and natural rocks, asphalt, cement products and curbstones. Featuring silicon carbide abrasive grains and a hard structure, the product offers long lifespan for cutting processes of cast and non fer-



Application Area	
Welding Burrs	
Mild Steels (<45 HRC)	
Gray Cast Iron (Pig)	4
Sand Finished Surfaces	
Copper Brass, Bronze	3 m 6 m
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	A

Cement Products and Curbstones

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 2.5 x 16	911690		25	200
		115 x 2.5 x 22.23	910270	-	25	200
T41	C 30 S BF80	125 x 2.5 x 22.23	910280	80	25	200
		180 x 3.0 x 22.23	910290	_	25	150
		230 x 3.0 x 22.23	910300	-	25	100
		100 x 2.5 x 16	911720	0	25	200
		115 x 2.5 x 22.23	910310	_	25	200
		125 x 2.5 x 22.23 910320	-	25	200	
T42	C 30 S BF80	180 x 3.0 x 22.23	910330	- 80	25	150
		230 x 3.0 x 22.23	910340	-	25	100
		230 x 3.5 x 22.23	912910	_	25	100





Marble Cut-Off Discs

Abrasive Features : Silicon Carbide

: Suitable for cutting artificial and natural rocks such as marble, brick, concrete, tile, shingle, curbstone. Featuring silicon carbide mixture abrasive grains and a hard structure, the product offers long lifespan and advantage of convenient cutting.

Version	
Standard	•
Application Metho	od
Hand Grinder	To the same of the
Fixed Cutting Bench (<3 kW)	c) (x)
Fixed Cutting Bench (≥3 kW)	10 kg

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
T41 C 30 R BF80	180 x 3.2 x 22.23	912720	00	25	150	
	C 30 K BF80	230 x 3.5 x 22.23	912960	- 80	25	100
T42 C 30 R BF80	180 x 3.2 x 22.23	912760	00	25	150	
	230 x 3.5 x 22.23	912750	- 80	25	100	



Application Area	
Welding Burrs	
Mild Steels (<45 HRC)	
Gray Cast Iron (Pig)	4
Sand Finished Surfaces	
Copper Brass, Bronze	Co Si We Za
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	A
Cement Products and Curbstones	
Steel Rail Profiles 54 kg/m	
Steel Rail Profiles 49 kg/m	4

Plus Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Industry Metal Plus Cut-Off Discs

Abrasive Features : Aluminum Oxide

convenient cutting.

Suitable for cutting process of nodular cast iron pieces, heat sensitive metals such as Ni-hard, all steels which are low alloy and with a hardness rating higher than 25 HRC. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of fast and



Application Area	
Welding Burrs	
Weld Seam	4
All Structural	
Low Alloy Steels	•
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Gray Cast Iron (Pig)	4
Common Steel Cast (Containing Mn and Stainless Properties)	
Natural Rocks	
Steel Rail Profiles 60 kg/m	11
Steel Rail Profiles 54 kg/m	1

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 2.5 x 16	910990		25	200
		115 x 2.5 x 22.23	910110		25	200
T41	A 30 T BF80	125 x 2.5 x 22.23	910120	80	25	200
		180 x 3.0 x 22.23	910130		25	150
		230 x 3.0 x 22.23	910140	-	25	100
		100 x 2.5 x 16	911000		25	200
	A 30 T BF80	115 x 2.5 x 22.23	910150	- - 80	25	200
T42		125 x 2.5 x 22.23	910160		25	200
172		180 x 3.0 x 22.23	910170	-	25	150
		230 x 3.0 x 22.23	910180	-	25	100



Plus Cut-Off Discs



ZA Cast IronPlus Cut-Off Discs

Abrasive Features : Special Zirconium & Aluminum Oxide

: Suitable for cutting process of all nodular cast iron pieces, certain steel cast pieces, stainless steels and high alloy steels. Features zirconium oxide abrasive grains and a hard structure. Offers the advantage of extended lifespan since it can continue cutting without getting dull and offers higher stock removal in unit time.

Version	
Standard	•
Plus	
Application Metho	d
Hand Grinder	7000
Fixed Cutting Bench (<3 kW)	ed by
Fixed Cutting Bench (≥3 kW)	13 kg

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
	' 74 00 TV DE00	180 x 3.0 x 22.23	911610	00	25	150
	ZA 30 TX BF80	230 x 3.2 x 22.23	911270	- 80	25	100
	7Δ 3Ω TX RESΩ	180 x 3.0 x 22.23	911210	00	25	150
T42		230 x 3.2 x 22.23	911220	- 80	25	100



Application Area	
Welding Burrs	
Weld Seam	Â
All Structural	
Low Alloy Steels	
High Alloy Steels	
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graphite (Nodular)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Natural Rocks	
Steel Rail Profiles 54 kg/m	

Plus Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

AC Cast IronPlus Cut-Off Discs

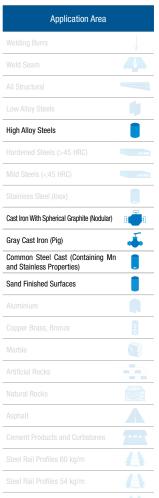
Abrasive Features

- : Special Aluminum Oxide & Silicon Carbide
- : Suitable for cutting process of gray cast iron, nodular casting, high alloy steels, common steel casting and sand finished surfaces. Featuring special aluminum oxide and silicon carbide mixture abrasive grains and a hard structure, the product offers the advantage of fast and convenient cutting.



Application Area								
Application Aica		Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
Welding Burrs				180 x 3.0 x 22.23	911510		25	150
		*******	AC 36 SX BF80	230 x 3.0 x 22.23	911520	- 80	25	100
All Structural		T41		230 x 3.5 x 22.23	911530		25	100
				230 x 3.8 x 22.23	912270		25	100
High Alloy Steels				180 x 3.0 x 22.23	911560		25	150
Hardened Steels (>45 HRC)	>45 HRC		AC 26 CV DE00	230 x 3.0 x 22.23	911570	- 80	25	100
Mild Steels (<45 HRC)	< 45 HRC	T42	42 AC 36 SX BF80	230 x 3.5 x 22.23	911640		25	100
				230 x 3.8 x 22.23	912280		25	100
Stainless Steel (Inox)	bar		AC 36 SX BF80	230 x 4.2 x 22.23	913603	80	25	100
Cast Iron With Spherical Graphite (Nodular)								





Stationary Machine Cut-Off Discs



Metal Stationary Machine Cut-Off Discs

Abrasive : Aluminum Oxide
Features : They are suitable

: They are suitable for cutting processes of structural steels (St37-42), rods and profiles. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of fast cutting.

Version	
Standard	•
Plus	
Application Metho	d
Hand Grinder	7000
Fixed Cutting Bench (<3 kW)	dix
Fixed Cutting Bench (≥3 kW)	a) loc
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	

Products suitable for use with machinery with power rating less than 3 kW.

Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
A 26/46 D DE00	300 x 2.8 x 25.4	911440	0.0	25	50
A 30/46 P BF80	350 x 2.8 x 25.4	954635		10	-
A 30/36 P BF80	350 x 3.0 x 25.4	954637	- 80	10	-
	400 x 3.5 x 25.4	912290		10	-
	400 x 3.5 x 32	968038		10	-
	A 36/46 P BF80	A 36/46 P BF80 $\frac{300 \times 2.8 \times 25.4}{350 \times 2.8 \times 25.4}$ A 30/36 P BF80 $\frac{350 \times 3.0 \times 25.4}{400 \times 3.5 \times 25.4}$	A 36/46 P BF80	A 36/46 P BF80	A 36/46 P BF80

Products suitable for use with machinery with power rating equal to or higher than 3 kW.

ре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
		300 x 3.0 x 22.23	911710	-	25	50
		300 x 3.5 x 22.23	911340		25	50
		300 x 3.0 x 25.4	910840		25	50
		300 x 3.5 x 25.4	954631		25	50
		300 x 3.0 x 30	910850	_	25	50
		300 x 3.0 x 32	911760	80	25	50
		300 x 3.5 x 32	954632		25	50
	A 30/36 P BF80	350 x 3.5 x 22.23	911790		10	-
		350 x 3.5 x 25.4	910860		10	-
		350 x 3.5 x 30	910870		10	-
		350 x 3.5 x 32	911800		10	-
T41		400 x 4.0 x 25.4	910880		10	-
		400 x 4.0 x 32	911960		10	-
		400 x 4.0 x 40	910890		10	-
		500 x 5.0 x 25.4	912690		5*	-
		500 x 5.0 x 40	911290		5*	-
		500 x 5.0 x 50	910900		5*	-
	A 30/36 S BF80	300 x 3.5 x 25.4	911350	80	25	50
		300 x 3.5 x 22.23	911930	- 80	25	50
	A 26/46 D DE00**	300 x 3.5 x 25.4	911460		25	50
	A 36/46 P BF80**	350 x 3.5 x 25.4	911470		10	-
		400 x 4.0 x 25.4	911480	_	10	-

Application Area	
Welding Burrs	
Weld Seam	
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 H
Mild Steels (<45 HRC)	<45 H
Cast Iron With Spherical Graphite (Nodular)	
Gray Cast Iron (Pig)	4
Common Steel Cast (Containing Mn and Stainless Properties)	
Marble	
Natural Rocks	
Asphalt	A
Asphalt Cement Products and Curbstones	A
<u>'</u>	
Cement Products and Curbstones	

Stationary Machine Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Aluminium

Copper Brass, Bronze

Cast IronStationary Machine Cut-Off Discs

Abrasive

- : Silicon Carbide
- Features

Suitable for cutting process of spherical graphite cast iron (nodular casting), grey cast iron, aluminum, copper, brass, bronze etc. non ferrous metals. Featuring silicon carbide abrasive grains and a hard structure, the product offers long lifespan for cutting processes of cast and nonferrous materials.



Application Area		Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
Welding Burrs	<u> </u>			300 x 3.0 x 25.4	911900		25	_
Weld Seam				300 x 3.0 x 30	911910		25	
				300 x 3.5 x 20	911390		25	-
				300 x 3.5 x 22.23	911400		25	-
			C 04 C DE00	300 x 3.5 x 25.4	911410	00	25	-
Hardened Steels (>45 HRC)	>45 HRC	T41	C 24 S BF80	300 x 3.5 x 32	911780	80	25	-
Mild Steels (<45 HRC)	<45 HRC			350 x 3.5 x 25.4	912740		10	-
				350 x 3.5 x 30	911920		10	-
Stainless Steel (Inox)				350 x 3.5 x 32	912000		10	-
Cast Iron With Spherical Graphite (Nodular)				400 x 4.0 x 40	911740		10	-
Gray Cast Iron (Pig)	<u></u>							



Petrol Saw Cut-Off Discs



Cast IronPetrol Saw Cut-Off Discs

Abrasive : Silicon Carbide
Features : Featuring silico

: Featuring silicon carbide abrasive grains and a hard structure, the product offers long lifespan for cutting processes of asphalt, cement and curbstones.

Version	
Standard	•
Application Metho	od
Hand Grinder	70
Fixed Cutting Bench (<3 kW)	ed to
Fixed Cutting Bench (≥3 kW)	20 AW
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	120

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
T41	C 24 S BF100	350 x 4.0 x 20 350 x 4.0 x 25.4	911420 911630	100	10	-



Application Area	
Welding Burrs	
Weld Seam	4
Marble	
Natural Rocks	
Asphalt	A
Cement Products and Curbstones	
Steel Rail Profiles 54 kg/m	

Rail Cut-Off Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Steel Rail Profiles 60 kg/m

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

11

MetalRail Cut-Off Discs

Abrasive

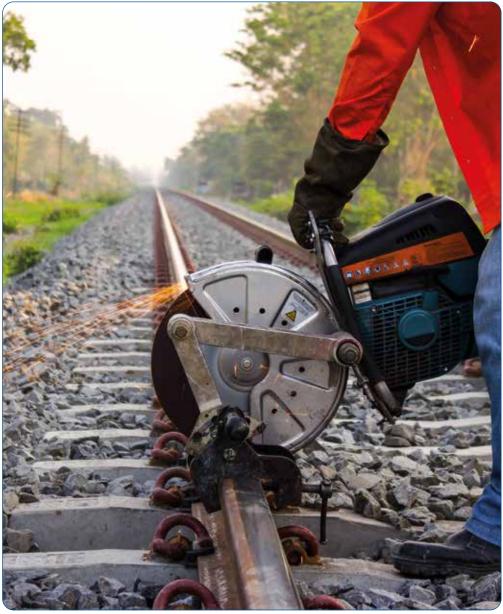
- : Aluminum Oxide
- Features
- : Suitable for all rail cutting processes. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of cutting without run-out and vibration.



Вох

10 10 10 M. Box

Application Area		Type	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)
		71.			011260	
	Â			350 x 4.0 x 20	911360	-
		T41	A 36 R BF100	350 x 4.0 x 22.23	911370	100
				350 x 4.0 x 25.4	911380	
High Alloy Steels					126	STATUTE OF STREET
	>45 HRC				-12	
				~	100	
		4.4			1	
						THE REAL PROPERTY.
		and the same of th				



Plus Rail Cut-Off Discs



ZirconiaPlus Rail Cut-Off Discs

Abrasive Features

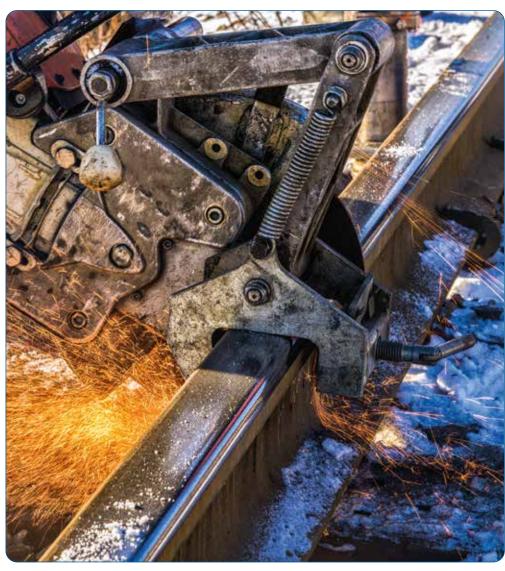
- : Special Zirconium & Aluminum Oxide
- : Suitable for all rail cutting processes. Featuring special zirconium and aluminum oxide abrasive grains and a hard structure, the product offers the advantages of cutting without run-out and vibration, as well as high performance and fast cutting.

Version	
Standard	•
Plus	
Application Metho	od
Hand Grinder	700
Fixed Cutting Bench (<3 kW)	alw
Fixed Cutting Bench (≥3 kW)	no kov

Application Area

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		300 x 3.5 x 22.23	911300		25	50
		350 x 4.0 x 22.23	911310	-	10	-
	74.00 P.P.5100	350 x 4.0 x 25.4	911320	100	10	-
T41	ZA 30 R BF100	400 x 4.0 x 22.23	906734	- 100	10	-
		400 x 4.0 x 25.4	912970	-	10	-
		400 x 4.0 x 40	906735		10	-





Cut-Off & Grinding Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

MetalCut-Off & Grinding Discs

Specification

A 24/36 ST BF80

Abrasive Features

Туре

T42

- : Aluminum Oxide
- Suitable for cutting and grinding processes of welding burrs, weld seams, all structural steels, low and high-alloy steels, hardened steels and common steel cast materials. Featuring aluminum oxide abrasive grains and a hard struc
 - steel cast materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of using a single product for both cutting and grinding operations.

Dimension (mm)

115 x 4.0 x 22.23

125 x 4.0 x 22.23

180 x 4.0 x 22.23

Article

911130

911140

911150

Peripheral Speed (m/s)



Вох

20

20

20

M. Box

160

160

120

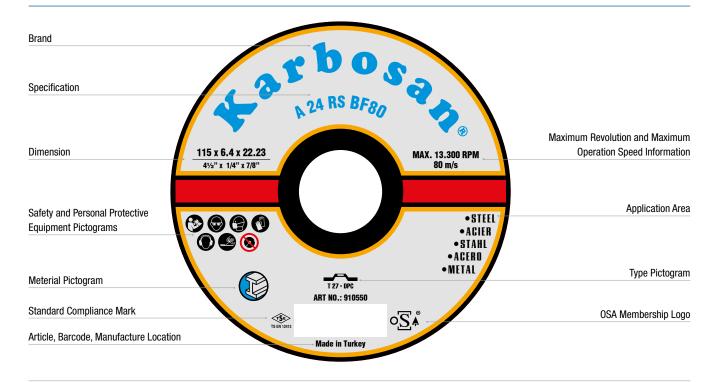
Application Area	
Welding Burrs	
Weld Seam	4
All Structural	\Longrightarrow
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC
Common Steel Cast (Containing Mn and Stainless Properties)	
Copper Brass, Bronze	
Asphalt	A
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	4.1
Steel Rail Profiles 54 kg/m	
Steel Rail Profiles 49 kg/m	1



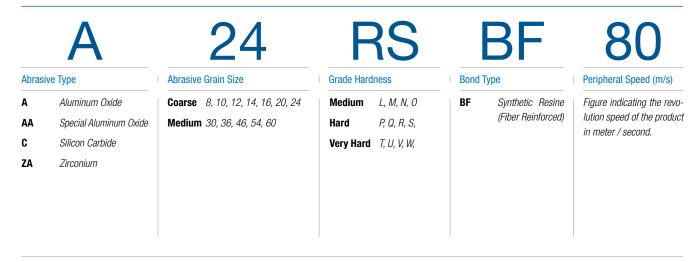




Label Information



Specifications Definition



Material Pictograms and Colors

Karbosan bonded abrasives are classified according to applications types for full performance and safe use. This classification is shown with the pictogram indicating the application material and with text on the label. Also, each material is assigned with a color to represent the application material.









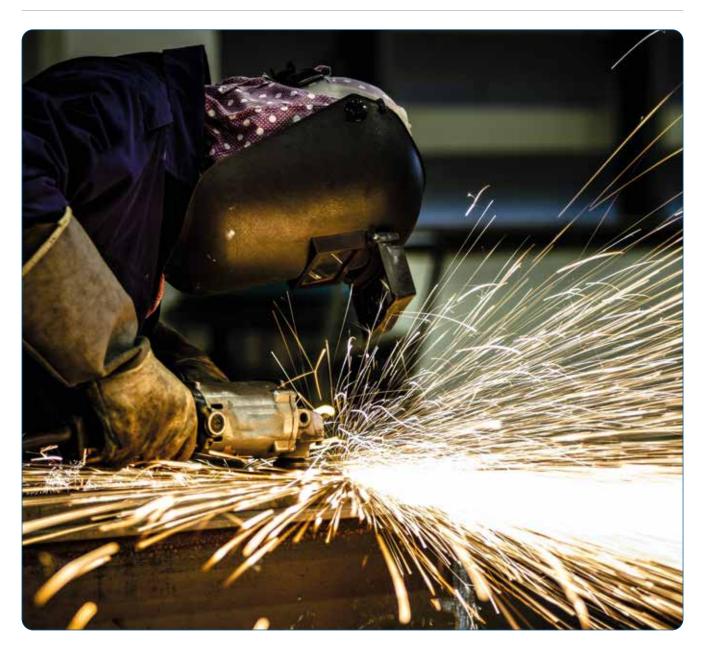
Type

T42 - Depressed Grinding



Usage Recommendations and Information

- Ensure that the product you will use is not incomplete or damaged.
- Never perform grinding tasks with cut-off discs.
- Always follow the general usage warnings and safety instructions.
- You can watch safe use video tutorials at www.karbosan.com.
- Expiry date of the product is indicated on the bore and period abbreviations after the year marks are listed as V01-V12 (January-December).
- Never use expired products.





MetalGrinding Discs

Abrasive Features : Aluminum Oxide

: Suitable for grinding process of welding burrs and seams, all structural steels, high alloy steels, hardened steels, mild steels, stainless steels and common steel cast materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers long lifespan and advantage of quick cutting.

Version	
Standard	•
Application Metho	od
Hand Grinder	TO THE O
Fixed Cutting Bench (<3 kW)	42 NV
Fixed Cutting Bench (≥3 kW)	12300

Uygulama Alanı

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 6.4 x 16	910540		10	80
		115 x 6.4 x 22.23	910550		10	80
		125 x 6.4 x 22.23	910560	_	10	80
		150 x 6.4 x 22.23	911830		10	60
mil Vann	A 5.4 D D500	180 x 6.4 x 22.23	910570		10	60
T27	A 54 R BF80	180 x 8.0 x 22.23	910580	- 80	10	60
		180x 10 x22.23	910590		10	40
		230 x 6.4 x 22.23	910600	_	10	40
		230 x 8.0 x 22.23	910610	_	10	40
		230x 10 x22.23	910620	_	10	40





Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Stainless Steel (Inox) Grinding Discs

Abrasive

- : Special Aluminum Oxide
- Features

Suitable for grinding process of high alloy steels, hardened steels, stainless steels and common steel cast materials. Featuring special aluminum oxide abrasive grains and a hard structure, the product is ideal for grinding stainless steel materials. The product does not contain iron (Fe) and sulfur (S).



Uygulama Alanı	
Welding Burrs	4
Weld Seam	4
High Alloy Steels	
Stainless Steel (Inox)	
Common Steel Cast (Containing Mn and Stainless Properties)	
Artificial Rocks	
Natural Rocks	
Asphalt	A
Coment Draducts and Curbatanes	444

е	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 6.4 x 16	912710		10	80
		115 x 6.4 x 22.23	910680		10	80
all Vann	AA 24 P BF80	125 x 6.4 x 22.23	910690	00	10	80
T27	AA 24 P DFOU	180 x 6.4 x 22.23	910700	80	10	60
		180 x 8.0 x 22.23	910710		10	60
		230 x 6.4 x22.23	910720		10	40





Cast IronGrinding Discs

Abrasive Features : Silicon Carbide

: Suitable for grinding process of spherical graphite cast iron, grey cast iron, sand finished surfaces, copper, brass, marble, artificial and natural rocks. Featuring silicon carbide abrasive grains and a hard structure, the product offers long lifespan and advantage of convenient material removal.

Version	
Standard	•
Application Metho	od
Hand Grinder	Marie
Fixed Cutting Bench (<3 kW)	ed low
Fixed Cutting Bench (≥3 kW)	10 100

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		100 x 6.4 x 16	911700		10	80
		115x 6.4 x22.23	910730		10	80
	125 x 6.4 x 22.23	910740	_	10	80	
and Ama	A E 4 D DE00	180 x 6.4 x 22.23	910750		10	60
T27	A 54 R BF80	180 x 8.0 x 22.23	910760	- 80	10	60
		180x 10 x22.23	911730		10	
		230 x 6.4 x 22.23	910770		10	40
		230 x 8.0 x 22.23	911750		10	40



Uygulama Alanı	
Welding Burrs	1
Weld Seam	4
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	1111
Gray Cast Iron (Pig)	4
Sand Finished Surfaces	
Copper, Brass, Bronze	Ce NI NO Ze
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	A
Cement Products and Curbstones	
Steel Rail Profiles 54 kg/m	11
Steel Rail Profiles 49 kg/m	

М. Вох

80

80

60

60

Вох

10

10

10

10

Grinding Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Aluminium Grinding Discs

Abrasive Features

Туре

T27

: Aluminum Oxide

Specification

A 24 N BF80

: Suitable for grinding operations on aluminium, copper, brass and bronze materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of convenient material removal without causing clogging.

Dimension (mm)

115 x 6.4 x 22.23

125 x 6.4 x 22.23

180 x 6.4 x 22.23

180 x 8.0 x 22.23

Article

911230

911240

911250

911840

80

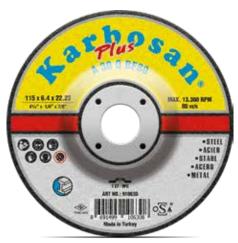
Peripheral Speed (m/s)



Uygulama Alanı	
Welding Burrs	
Cast Iron With Spherical Graphite (Nodular)	
Aluminium	
Natural Rocks	
Asphalt	A
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	11
Steel Rail Profiles 54 kg/m	
Otto I Dell Duefles 40 leg/or	4



Plus Grinding Discs



MetalPlus Grinding Discs

Abrasive Features : Aluminum Oxide

: Suitable for grinding process of welding burrs and seams, all structural steels, high alloy steels, hardened steels, mild steels, stainless steels and common steel cast materials. Featuring aluminum oxide abrasive grains and a hard structure, the product can perform more aggressive grinding than standard products and ideal for grinding operations on heat sensitive materials.

Version	
Standard	•
Plus	
Application Metho	d
Hand Grinder	7000
Fixed Cutting Bench (<3 kW)	d by
Fixed Cutting Bench (≥3 kW)	12) by

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Box	M. Box
		115 x 6.4 x 22.23	910630		10	80
		125 x 6.4 x 22.23	910640	-	10	80
and Dam	A 20 0 DE00	180 x 6.4 x 22.23	910650	-	10	60
T27	A 30 Q BF80	180 x 8.0 x 22.23	910660	- 80	10	60
		230 x 6.4 x 22.23	910670	-	10	40
		230 x 8.0 x 22.23	911430		10	40





Plus Grinding Discs

Version Standard Plus Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter Fixed Power Rail Cutter

Uygı

ZA Cast IronPlus Grinding Discs

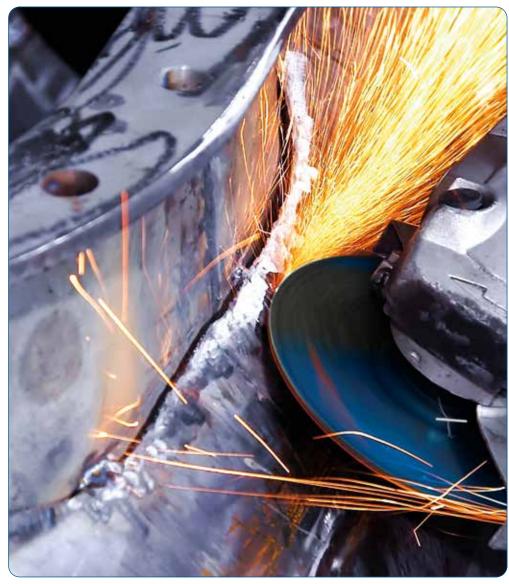
Abrasive

- : Zirconia
- Features
- Suitable for grinding process of welding burrs and seams, high alloy steels, mild steels, stainless steels, spherical graphite cast iron, grey cast iron, common steel cast and sand finished surfaces. Featuring zirconia abrasive grains and a hard structure, the product offers the advantage of more aggressive material removal than standard products.



gulama Alanı	1	Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Вох	M. Box
				115 x 7.0 x 22.23	910780		10	-
				125 x 7.0 x 22.23	910790		10	-
		T27	ZA 24 R BF80	180 x 7.0 x 22.23	910800	80	10	60
		127		180 x 8.0 x 22.23	911170		10	60
				230 x 7.0 x 22.23	910810		10	40





Grinding Wheels





Conical Cup Wheels

Abrasive : Silicon Carbide

Features

: Suitable for grinding process of marble, mosaic, concrete and similar artificial and natural rocks. It is also suitable for coarse burr removal processed of metals.

Туре	Specification	Dimension (mm)	Grain	Article	Peripheral Speed (m/s)	Shrink
	00.1015.00	100x 50 xM14	16	914200	45	4
T11	SC 16 L5 BB	125x 50 xM14		914210	 45	4
	00.0415.00	100x 50 xM14	24	914220	45	4
	SC 24 L5 BB	125x 50 xM14		914230	45	4

Flat Cup Wheels



Abrasive : Silicon Carbide

Suitable for grinding process of marble, mosaic, paladiana, concrete and similar artificial and natural rocks. It is also suitable for coarse burr removal processed of metals.

Туре	Specification	Dimension (mm)	Grain	Article	Peripheral Speed (m/s)	Shrink
	00.1015.00	100x 50 xM14	10	914300	45	4
	SC 16 L5 BB	125x 50 xM14	16	914310	45	4
T6	CC 24 LE DD	100x 50 xM14	24	914320	45	4
50 24 L5 I	SC 24 L5 BB	125x 50 xM14	24	914330		4

Marble & Mosaic Cup Wheels

Abrasive

: Silicon Carbide

Features

: Suitable for grinding process of marble, mosaic, paladiana, concrete and similar artificial and natural rocks. It is also suitable for coarse burr removal processed of metals.



Туре	Specification	Dimension (mm)	Dimension (mm) Grain Article		Peripheral Speed (m/s)	Shrink
	SC 16 L5 BB	110x 58 x22.23	16	914400	45	4
T11	SC 24 L5 BB	110x 58 x22.23	24	914410	45	4

NK Recessed Grinding Discs

Abrasive

: Aluminum Oxide

Features

: Suitable for deburring process of clevis, clevis recess, very fine and sensitive areas.



Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
. m		150 x 2.0 x 20	912300		20
T6	NK 80 Q4 BA	175 x 2.0 x 20	912310	45	20
16		190 x 2.0 x 28	912320		10

Vitrified Products



- Grinding Wheels
- Saw Sharpening
- Tool Sharpening



Grinding Wheels





AlUminum Oxide Grinding Wheels



Abrasive Features : Aluminum Oxide

: Suitable for sharpening process of lathe spindles on bench type surface grinding machines and also for all types of steel and iron grinding. It provides the advantages of general purpose use and offers maximum 35 m/s operating speed.

Туре	Dimension (mm)	Peripheral Speed (m/s)	24	36	46	60	Shrink
	75 x 13 x 10		•	913010	913020	913030	5
	100 x 13 x 10		•	913040	913050	913060	5
	100 x 16 x 20		•	913070	913080	913090	5
	125 x 16 x 16		•	914790	914800	914810	5
	125 x 20 x 20		914820	914830	914840	914850	5
	150 x 20 x 20		914860	914870	914880	914890	5
	150 x 25 x 20		914900	914910	914920	914930	5
	175 x 20 x 20		914940	914950	914960	914970	5
	175 x 25 x 20		914980	914990	920000	920010	5
	200 x 20 x 20		920020	920030	920040	920050	5
	200 x 25 x 20	25	920060	920070	920080	920090	5
T1	200 x 30 x 20		920100	920110	920120	•	4
	200 x 32 x 20		920130	920140	920150	•	4
	250 x 25 x 25		920180	920190	920200	•	5
	250 x 30 x 25		920210	920220	920230	•	4
	250 x 32 x 25		920240	920250	920260	•	4
	250 x 40 x 25		920270	920280	920290	•	2
	300 x 30 x 30		920300	920310	920320	•	2
	300 x 32 x 30		920330	920340	920350	•	2
	300 x 40 x 30		920360	920370	920380	•	2
	350 x 40 x 40		920390	920400	920410	•	2
	400 × 40 × 40		920420	920430	920440	•	1



SCG Diamond Sharpening Wheels

: Silicon Carbide (Green) Abrasive

Features

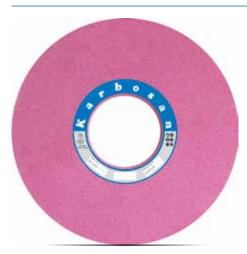
: Suitable for sharpening process of carbide tools on bench type standard grinding machines. The product has an extended lifespan and does not cause burning and offers maximum 35 m/s operating speed.



уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
		125x 20 x20	920450		5
		125x 25 x20	920460		5
		150x 20 x20	920470		5
		150x 25 x20	920480		5
7/1	SCG 80 J 5 V	175x 20 x20	920490		5
		175x 25 x20	920500		5
		200x 20 x20	920510		5
		200x 25 x20	920520		5
		200x 32 x20	920530	_	5
		250x 25 x25	920540		5
		250x 32 x25	920550		3
		300x 30 x30	920560		2
		300x 32 x30	920570		2



Steel Grinding Wheels



Abrasive Features : Aluminum Oxide (EKR)

: Available in 36, 46 and 60 grit size, it is used for cylindrical and surface grinding in addition to general purpose usage. It is mainly used for grinding tool steel and unhardened steels. High performance and long lasting. Maximum peripheral speed 35 m/s.

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
		150x 20 x20	914450		5
		175x 20 x20	914480		5
		250x 25 x76.2	914490		5
		250x 30 x76.2	914520		3
		250x 32 x76.2	914770		3
	EKR 36 K6V	250x 40 x76.2	914560		2
		300x 40 x127	914590		2
		350x 40 x127	914640		2
		350x 50 x127	914670		1
		400x 40 x127	914700		1
		400x 50 x127	908902		1
		150x 20 x20	914460		5
		175x 20 x20	914730		5
		200 x 20 x20	914750		5
		250 x 25 x76.2	914500		5
		250 x 30 x76.2	914530		3
	EKR 46 K6V	250 x 32 x76.2	914780		3
		250 x 40 x76.2	914570		2
		300 x 40 x76.2	914620		2
T1		300 x 40 x127	914600		2
		350x 40 x127	914650		2
		350x 50 x127	914680		1
		400 x 35 x127	916000		1
		400 x 40 x127	914710		1
		400 x 50 x127	903804		1
		150x 20 x20	914470		5
		175x 20 x20	914740	_	5
		200 x 20 x20	914760		5
		250 x 25 x76.2	914510		5
		250x 30 x76.2	914540	_	3
		250x 32 x76.2	914550		3
	EKR 60 K6V	250 x 40 x76.2	914580	35	2
		300x 40 x76.2	914630		2
		300x 40 x127	914610		2
		350x 40 x127	914660		2
		350x 50 x127	914690		1
		400 x 40 x127	914720		1
		400x 50 x127	903805		1



Glass Grinding Wheels

Larbosop Janes Done See Market Done S

Abrasive : Silicon Carbide

Features : Suitable for rodage in glass industry.

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
	COC 100 LEVAL	300 x 30 x 30	914370	00	1
T1	SCG 100 L5 VN	350x 35 x30	914380	— 80	1

Crystal Grinding Wheels

Abrasive : Aluminum Oxide

Features : Suitable for surface cleaning processes of crystal and glass pieces.



Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
T1	NK 80 M6 V130 YS	350x 50 x40	350x 50 x40 400x 50 x40 914430 914390 35	1	
		400 x 50 x40		— 35	1
T5	NK 80 M6 V130 YS	350x 50	x40 914440	— 35	1
		180x 30			,
		400x 50	914420		
		x40 180x 30			1

Aluminum Oxide Mosaic Scrubbing Stones

Abrasive : Aluminum Oxide

Features : Suitable for grinding of mosaic, floor tiling and similar materials.



Specification	Dimension (mm)	Article	Shrink
	100x 50 x25	•	20
NK 16 Q5 V	100x 50 x50	920640	10
	100 x 100 x 50	•	5
	200 x 100 x 50	•	3
	100x 50 x25	920610	20
NIK OA OE V	100x 50 x50	920650	10
NK 24 Q5 V	100 x 100 x 50	920580	5
	200 x 100 x 50	920680	3
		_	

Specification	Dimension (mm)	Article	Shrink
	100x 50 x25	920620	20
NK 36 P5 V	100x 50 x50	920660	10
	100 x 100 x 50	920590	5
	200 x 100 x 50	920690	3
NK 46 05 V	100x 50 x25	920630	20
	100x 50 x50	920670	10
	100 x 100 x 50	920600	5



Scythe Sharpener

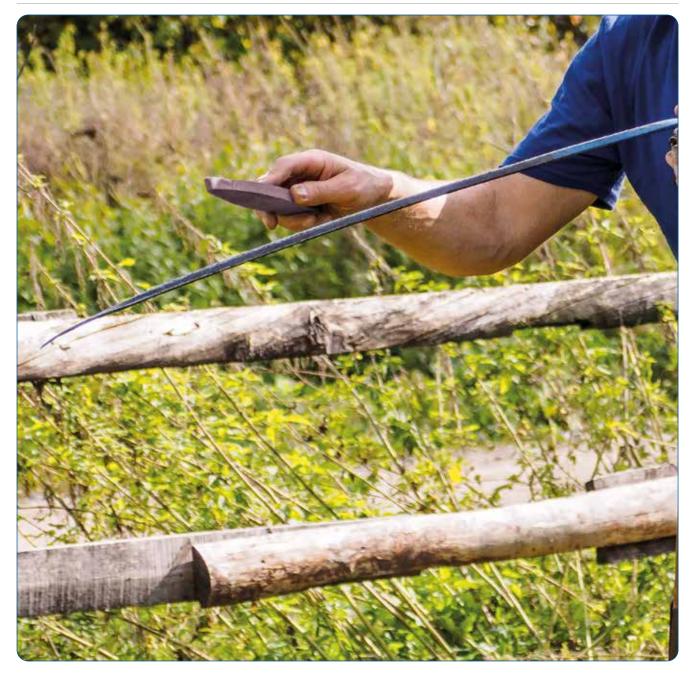
Abrasive : Aluminum Oxide

Features : Suitable for manual sharpening processes of scythes.



 Specification
 Dimension (mm)
 Article
 Shrink

 HK 150 P5 V
 222x 13 x35
 913680
 1



Saw Sharpening





NK Saw Sharpening



Abrasive Features : Aluminum Oxide

: Long lasting, sharpening of round saws, band saws and other saw alternatives, Edge form C, Maximum operating speed 35 m/s. Saw blade sharpener wheels are widely used in saw production and wood products industry to shape miscellaneous saws and to sharpen saw blades. In addition to the use of flat wheels, various edges forms are also possible. It has a wide use as edge form C.

уре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
	NK 60	150 x 6.0 x 20	913960		10
		150 x 8.0 x 20	913980		10
		150x 10 x20	913940		10
		175 x 8.0 x 20	914190		10
		175x 10 x20	914160		10
		200 x 8.0 x 20	914290		10
		200x 10 x20	914260		10
		250x 10 x25	914360		10
T1	NK 80	150x 6.0 x25	913970		10
		150x 8.0 x20	913990		10
		150x 10 x20	913950		10
		175 x 8.0 x 20	914240		10
		175x 10 x20	914170		10
		200 x 8.0 x 20	914340		10
		200x 10 x20	914270		10
		250x 10 x25	•		10



EKR Saw Sharpening

Abrasive

: Aluminum Oxide (EKR)

Features

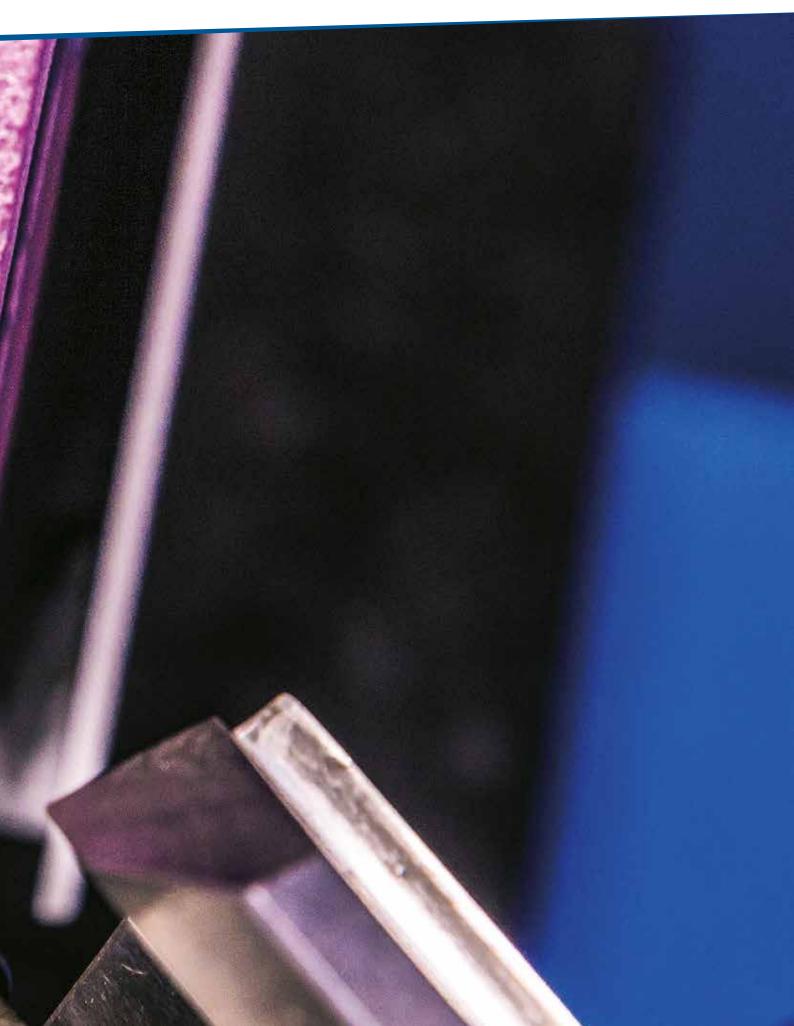
: Sharpening of round saws, band saws and other saw alternatives, long lasting without causing material burn, convenient cutting, maximum operating speed 35 m/s. Saw blade sharpener wheels are widely used in saw production and wood products industry to shape miscellaneous saws and to sharpen saw blades. In addition to the use of flat wheels, various edges forms are also possible. It has a wide use as edge form C.



Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
		175 x 8.0 x 20	914180		10
	EKR 60	175x 10 x20	914150	10	
T1		200 x 8.0 x 20	914280	35	10
"		200x 10 x20	914250		10
		250x 10 x25	914350		10

Tool Sharpening





Form D Cup Wheels

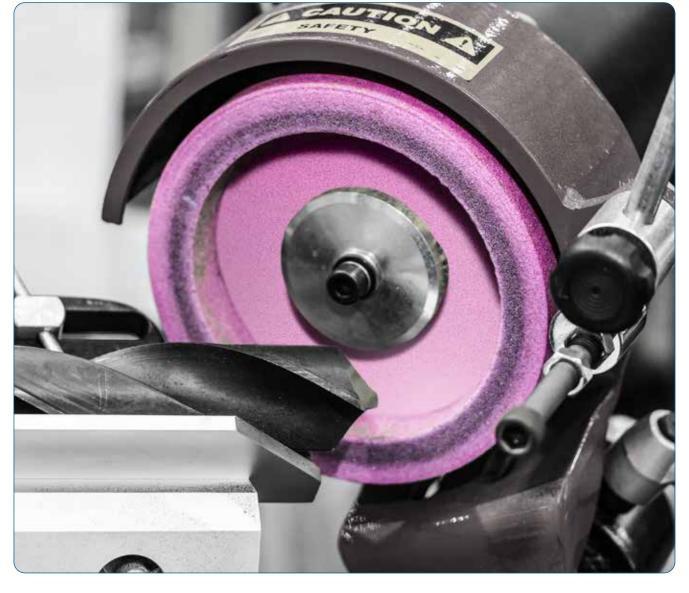
Ar boses de la constant de la consta

Abrasive : Aluminum Oxide (EKR)

Features : Suitable for sharpening milling cutting bits, guides and similar cutting tools.

It has a maximum 35 m/s operating speed.

Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
		Form D -50 (50x32x13)	914000		5
pa pa		Form D -75 (75x40x20)	914010		5
T6	EKR 60 K6 V	Form D -100 (100x50x20)	914020	35	5
10		Form D -125 (125x63x20)	914030		5
		Form D -150 (150x80x20)	914040		4



Form E Conical Cup Wheels

Abrasive : Aluminum Oxide (EKR)

Features : Suitable for sharpening milling cutting bits, guides and similar cutting tools.

It has a maximum 35 m/s operating speed.



Туре	Specification	Dimension (mm)	Article	Peripheral Speed (m/s)	Shrink
		Form E -50 (50x25x13)	914100		5
TO 07		Form E -75 (75x30x20)	914110		5
T11	EKR 60 K6 V	Form E -100 (100x35x20)	914120	35	5
111		Form E -125 (125x45x20)	914130		5
		Form E -150 (150x50x20)	914140		4

Diamond Blades



- Segmented Diamond Blades
- Thin Line Segmented Diamond Blades
- Turbo Diamond Blades
- Continuous Rim Diamond Blades
- Wave Turbo Diamond Blades



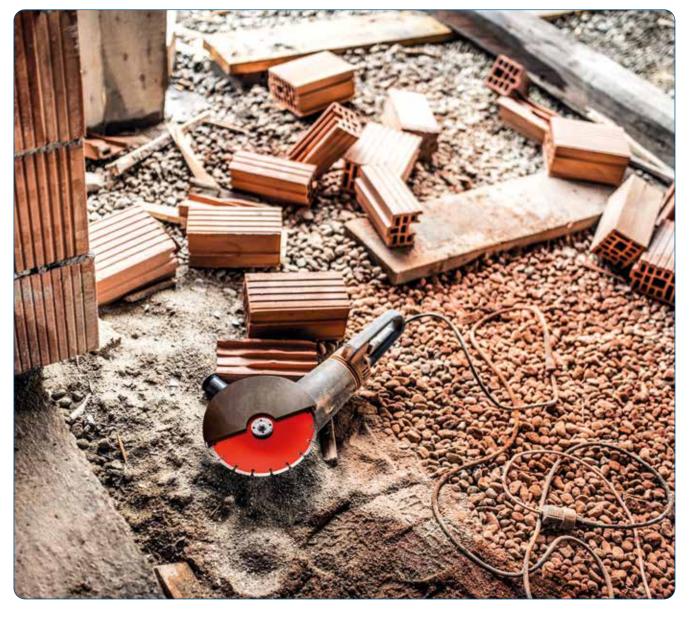
Segmented Diamond Blades



Features

: Suitable for dry cutting processes of concrete, special concrete, brick, granite and construction materials.

Туре	Dimension (mm)	Article	Revolution Speed (m/s)	Box	M. Box
	115 x 2.0 x 22.23	950110		1	-
Normal	180 x 2.2 x 22.23	950120	80	1	-
	230 x 2.4 x 22.23	950130		1	-
Flanged	180 x 2.2 x 22.23	950140	80	1	-



Thin Line Segmented Diamond Blade

Features

: Suitable for dry cutting processes of marble and granite materials in particular and also, concrete, tile, ceramic, brick and construction materials. It offers the advantage of high performance and quick cutting.



Туре	Dimension (mm)	Article	Revolution Speed (m/s)	Вох	М. Вох
Normal	115 x 0.8 x 22.23	912048	80	1	-



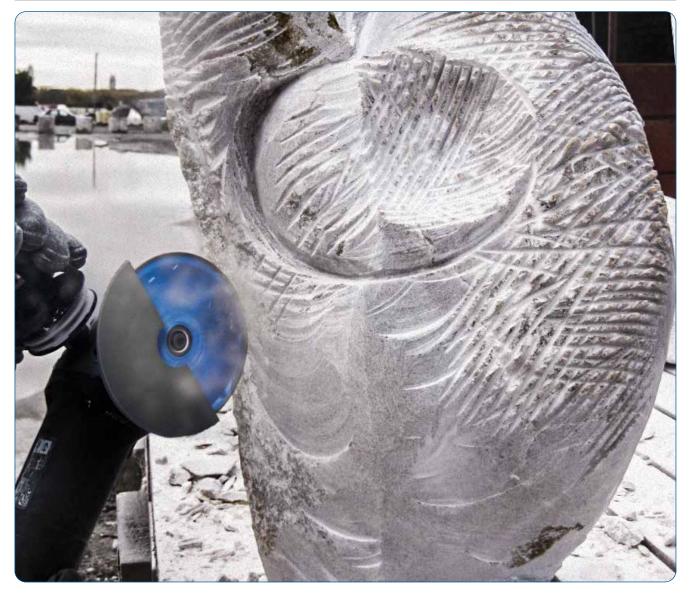
Turbo Diamond Blades



Features

: Suitable for dry or wet cutting processes of marble and granite in particular and also, concrete, tile, ceramic, brick and construction materials.

уре	Dimension (mm)	Article	Revolution Speed (m/s)	Box	M. Box
	115 x 2.0 x 22.23	950310		1	-
Normal	180 x 2.2 x 22.23	950320	80	1	-
	230 x 2.4 x 22.23	950330		1	-
Flowered	180 x 2.2 x 22.23	950340	00	1	-
Flanged	230 x 2.4 x 22.23	950350	– 80	1	-



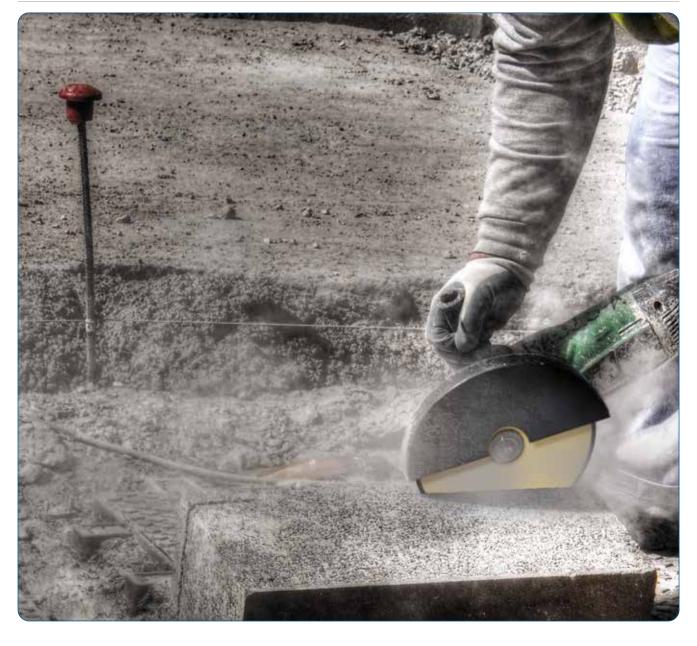
Continuous Rim Diamond Blades

Features

: They are suitable for wet or dry precision cutting processes of tiling, in particular, and materials such as granite, marble, ceramic and brick. It does not break the material edges during cutting process



Туре	Dimension (mm)	Article	Revolution Speed (m/s)	Box	M. Box
	115 x 1.8 x 22.23	950310		1	-
Normal	180 x 2.0 x 22.23	950320	80	1	-
	230 x 2.3 x 22.23	950330		1	-



Wave Turbo Diamond Blades



Features

: Suitable for dry or wet cutting processes of granite in particular and also, marble, ceramic, brick, tiling and construction materials thanks to its wave turbo grooves. Turbo grooves allow air circulation and facilitates quicker cooling of the disc during cutting process.

/pe	Dimension (mm)	Article	Revolution Speed (m/s)	Box	M. Box
	115 x 2.2 x 22.23	950410		1	-
Normal	180 x 2.4 x 22.23	950420	80	1	-
	230 x 2.6 x 22.23	950430		1	-
Florand	180 x 2.4 x 22.23	950440	00	1	-
Flanged	230 x 2.6 x 22.23	950450	— 80	1	-





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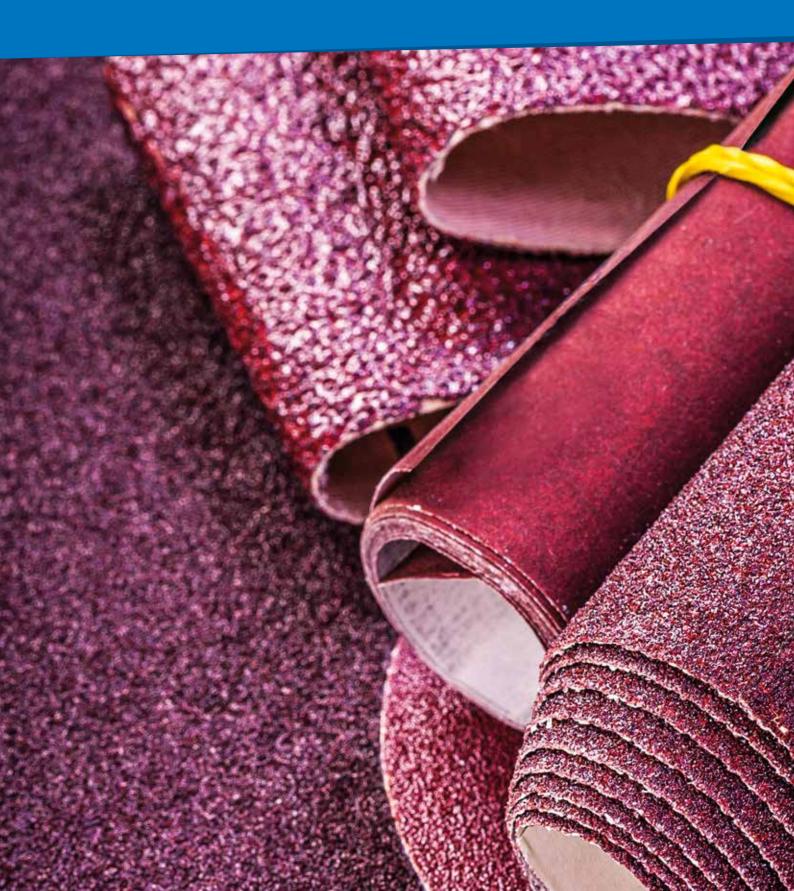
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Coated Abrasives

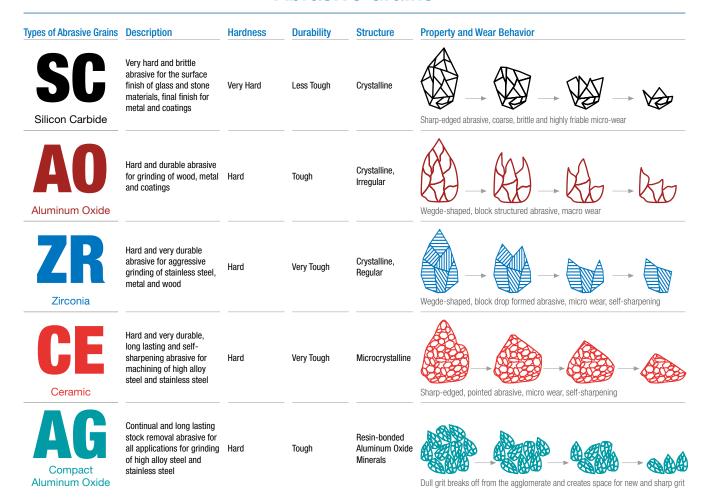


- Technical Information
- Technical Table
- Abrasive Belts & Rolls
- Flap Discs
- Fibre Discs

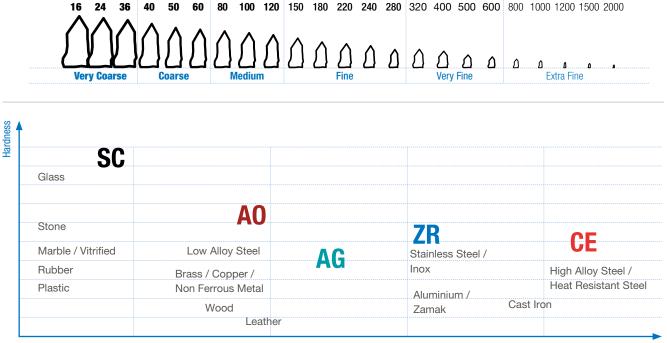
- Hook & Loop Discs
- Sheets and Sponges
- Flap Wheels
- Quick Lock Discs



Abrasive Grains



Grit Size Guide

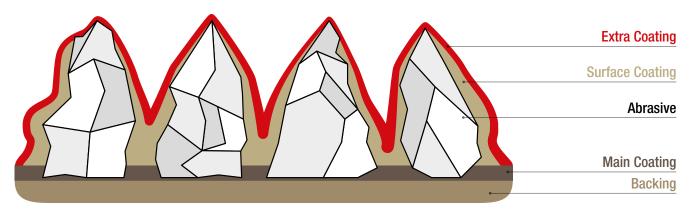


Durability

Fine Grit

Coarse Grit

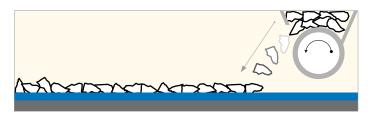
Coating



Coating	Coating Type	Description
Extra Coating	Top Size Coating	Friction and heat absorbant (cooler effect) Top Size coating that enhances the performance.
Extra coating	Stearat Coating	Anti-clogging (slipping effect) Stearate coating that enhances the performance.
Surface Coating	Size Coating	Coating that bonds abrasive grains to the main coating.
Main Coating	Make Coating	Coating that bonds abrasive grains to the backing. Electrostatically applied for optimum bonding.
Antistatic	Antistatic Coating	Electrode loads occur during grinding process of different materials, as a result, non-conductive materials such as wood adhere to the sanding surface and may adversely affect sanding performance. To avoid this, backings are selected from antistatic materials and coated with antistatic properties.

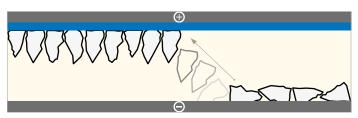
Gravity Coating

Abrasive grains drop randomly on the backing, coated by the gravitational force. Mechanically coated abrasives with gravity coating are less aggressive and material removal performance is not very high.



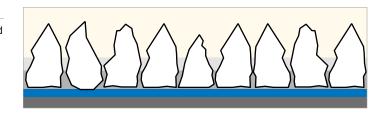
Electrostatic Coating

Abrasive grains are electrostatically charged and set up perpendicularly on the backing with the main coating. The abrasives coated with electrostatic coating are much more aggressive. Products with gravitational coating and electrostatic coating are defined as split layers. If two different types of abrasives are used split layer (both gravity and electrostatic coating) is applied, if 100% one type of abrasive is used only electrostatic coating is applied. Time to time only gravity coating can be applied according to the size of the abrasive grain sizes.



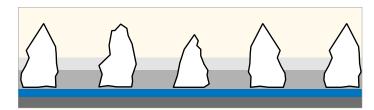
Closed Coating

If the backing surface is completely covered with abrasive grain, it is called as Closed Coating.



Semi-Open / Open Coating

If the backing surface is coated with 75% of abrasive grains, it is called Semi-Open Coating; if it is coated with 50% of abrasive grains, it is called Open Coating.

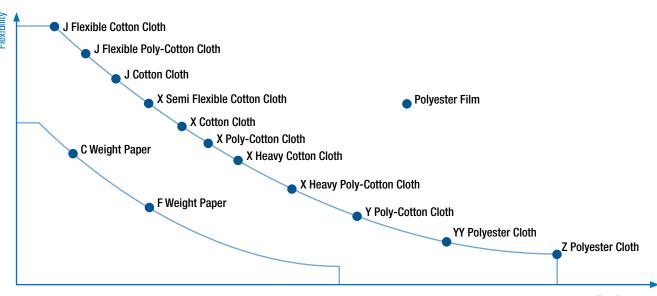


Product Code Information

	A		X	P		3		1		1	
Abras	ive	Backin	g			Bo	nd	⊢ ⊢ Co	ating	⊢ Ve	rsion
A	Aluminum Oxide	Н	Polyester Film	X / XE	X Heavy Cotton Cloth	R	Resin	1	Closed	1	Standard
C	Silicon Carbide	C	C Weight Paper	XF	X Semi Flexible Cotton Cloth		Over	2	Semi-Open	2	Version
Z	Zirconia	F	F Weight Paper	ΧP	X Heavy Poly-Cotton Cloth		Resin	3	Stearat	3	Version
CE	Ceramic	J	J Cotton Cloth	XP/Y	Y Poly-Cotton Cloth			5	Top Size	0	Version
AG	Compact	JF	J Flexible Cotton Cloth	YX / YY	YY Polyester Cloth			7	Antistatic &		
Au	Aluminum Oxide	JF / F	J Flexible Poly-Cotton Cloth	Z	Z Polyester Cloth			'	Closed		
		x	X Cotton Cloth X Poly-Cotton Cloth	WE / W	Vulcanized Fibre			9	Antistatic & Semi-Open		

Backings

Backing	Backing Type	Classification	Application Example
Film	Polyester Film	Polyester Film	Surface sanding (machine)
Damari	C Weight Paper	Fine paper	Surface sanding (machine)
Paper	F Weight Paper	Heavy paper	Surface sanding (machine)
	J Flexible Cotton Cloth	Light, very flexible	Very polished workpieces (manual & machine)
	J Flexible Poly-Cotton Cloth	Very flexible	Polished workpieces (manual & machine)
	J Cotton Cloth	Light, flexible	Very polished workpieces (manual & machine)
	X Semi Flexible Cotton Cloth	Heavy, flexible	Manually used flap wheels and mini belts
	X Cotton Cloth	Light, hard	Surfaces, edges, revolving bodies (machine)
Cloth	X Heavy Cotton Cloth	Heavy, hard	Surfaces, edges, revolving bodies (machine)
	X Poly-Cotton Cloth	Light, hard	Surfaces, edges, revolving bodies (machine)
	X Heavy Poly-Cotton Cloth	Heavy, very hard	Surfaces, edges, revolving bodies (machine)
	Y Poly-Cotton Cloth	Very heavy, hard	Surface sanding (machine)
	YY Polyester Cloth	Very heavy, very hard	Surfaces, edges, revolving bodies (machine)
	Z Polyester Cloth	Very heavy, very hard can be segmented	Surface sanding (machine)
	Vulcanized Fibre	Light, economic	Light metalwork (hand grinder)
Fibre	Vulcanized Fibre	Heavy, standard	Heavy metalwork (hand grinder)
	Vulcanized Fibre	Heavy, hard	Very heavy metalwork (hand grinder)



Classification according to tear strength and flexibility in film, paper and cloth supports

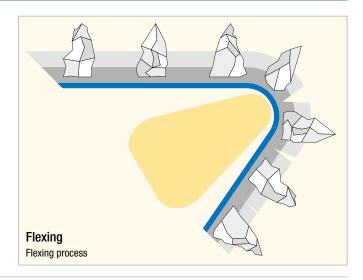
Product Selection & Storage Conditions

In selection of the coated abrasive, material type of the workpiece to be sanded, type of the machine to be used in the application and the form in which the coated abrasive is to be used in this machine are very important. Accordingly, backing type, abrasive type and abrasive grain size are selected.

Some important parameters affecting the abrasive performance are; antistatic feature of the coated abrasive, the suitability for wet use, Top Size coating to prevent heat and clogging and flexibility/stiffness.

For high stock removal and long life, it is important that the coated abrasive has a flexible structure and the abrasive grains are not filled with workpiece.

Once the coated abrasive production is complete, stiffness must be reduced. This is achieved by softening the backing to a more elastic structure, providing abrasive grains to work more independent and high performance.



Surface Finish Variables	Rough Surface				Smooth Surface
Grit Size	Coarse				Fine
Coating	Open Coating		Semi-Open Coating		Closed Coating
Belt Speed	Slow				Fast
Abrasive	Zirconia	Ceramic	Aluminum Oxide	Silicon Carbide	Compact Aluminum Oxide
Workpiece Hardness	Soft				Hard Hard
Cutting Efficiency Variables	More Aggressive, Better Cut				Less Aggressive, Lower Cut
Workpiece Feed Speed	Slow				Fast
Belt Speed	Slow				Fast
Grit Size	Coarse				Fine
Product Durability	Fibre		Cloth		Paper
Abrasive	Zirconia	Ceramic	Aluminum Oxide	Silicon Carbide	Compact Aluminum Oxide
Coating	Closed Coating		Semi-Open Coating		Open Coating
Pressure	High		Medium		Low
Workpiece Hardness	Soft				Hard

Temperature and humidity in storage conditions can cause the coated abrasive to curl over time.

Convex curl may occur if the air is less nematic than the backing material.

Concave curling can occur if the air is more nematic than the backing material.

Observe the following for storage conditions;

- · Coated abrasives should not be stored in open areas for long time.
- Direct sunlight should be avoided where there are sudden changes in temperature and humidity levels.
- Extra precautions should be taken during seasonal changes of sudden temperature changes.
- The ideal storage condition is 45-65% at humidity level and 15-25 °C at temperature level.



Convex

Abrasive at outer surface



Concave

Abrasive at inner surface

																						Sta	itus	5								
	Abrasive	Backing	Bond	Coating	Version	Abrasive	Backing	Bond	Coating	Version	Jumbo Width (mm)	Grit Range	16	24	36	9 5	OC 9	8 8	100	120	150	180	220	240	320	400	200	009	800	1000	1500	2000
NEW	Α	Н	R	3	1	A0	Polyester Film		Stearat & Semi-Open	Std.	1380	40-2000				•			•	•	•				•	•	0	•	•	•	•	•
NEW	A	C	R	3	1	AO	C Weight Paper		Stearat & Open	Std.	1440	40-1200				•		•	•	•	•	•	•	•	•	•	0	•	•	•	•	
	A	F	R	7	1	AO			Antistatic & Closed	Std.	1650	40-600				• (0	•	•	•	•	•		0	•	0	0	0		T	T	Г
	C	F	R	9	1	SC			Antistatic & Semi-Open	Std.	1650	36-800			0	•		•	•	•	0	0	5 0	0	0	0		0	0			
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	CE	F	R	9	1	CE			Antistatic & Semi-Open	Std.	1650	24-400		•	•	•		•	•	•	0	0	0	0	0	0						
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	A	JF	R	1	2	A0	J Flexible		Closed	Ver.	1650	60-600						•	•	•	•	•	•	•	•	•	•	•				
	A	JF	R	1	1	A0	Cotton Cloth		Topsize & Closed	Std.	1650	60-600						•	•	•	•	•	•	C	•	•	0	0				
	A	JF	R	1	3	Α0			Closed	Ver.	1650	60-600						•	•	•	•	•	•	•	•	•	0	•			Т	
	A	JF	R	1	0	AO			Topsize & Closed	Ver.	1650	60-600					•	•	•	•	•	•	•	•	•	•	0	•				
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	C	JF	R	3	1	SC			Stearat & Closed	Std.	1650	60-320					C	О	0	0	0		0	О	0							
	CE	F		5	1	CE			Topsize & Closed	Std.	1650	60-220					•	•	•	•	•	•										
	A	XF	R	1	1	AO	X Semi Flexible		Closed	Std.	1650	40-600				•		•	•	•	•	•		•	•	•	0	0				
NEW	A	XF	R	1	2	A0	Cotton Cloth		Closed	Ver.	1650	40-600				•	0	•	•	•	•	•		•	•	•	0	0				
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	A	ХP	R	1	1	A0		Resin 0	Closed	Std.	1650	24-400		0	•	•	0	•	•	•	•	•		0	0	0						
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					Produc	t Forms						Application Method								Application Area								Features										
Oumpo	Segmented Belt	Wide Belt	Narrow Belt	Roll	Sheet	Disc	Hook & Loop Disc	Flap Wheel	Flap Disc	Fibre Disc	Quick Lock Disc	Polishing	Belt	Hand Use	Wide Belt	Mini Belt	Flap Wheel Machine	Floor Sanding	Orbital Sander	Hand Grinder	Mini Disc Sander	Wood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Copper / Non Ferrous Metals	Paint / Vamish / Lacquer	Plastic / Rubber / Leather	Cast Iron	Glass / Stone / Granite / Ceramic	^IAntistatic Feature	Suitable for Wet Applications	Friction & Heat Absorbant	Anti-Clogging	Flexible for Curved Surfaces	Easily Tearable by Hand	Tear Resistant
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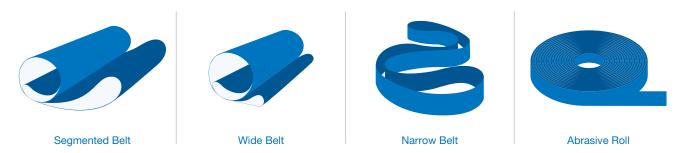
Abrasive Belts & Rolls



Coated abrasives are served as rolls and endless belts in desired dimensions and also as well as jumbo rolls.



Dimensions



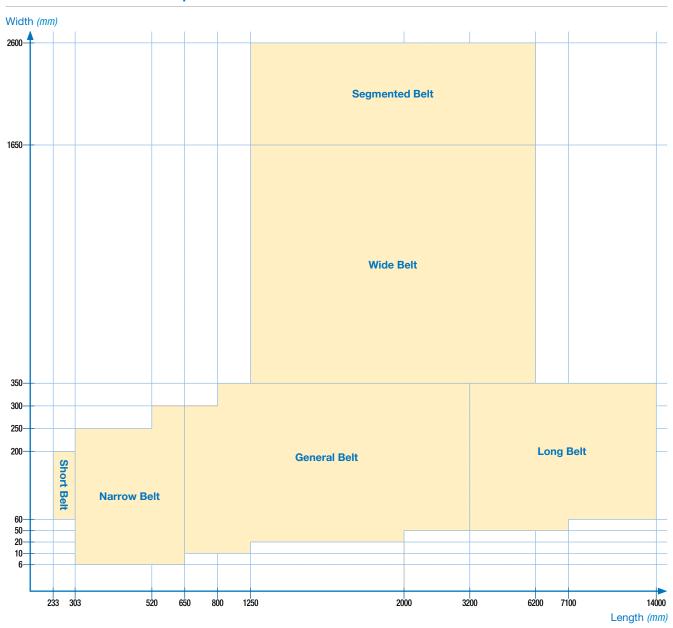
Endless belts can be produced in a wide range, width from 6mm to 2.600mm and length from 233mm to 14.000mm. Abrasive rolls can be produced in a wide range, width from 10mm to 1.650mm as jumbo roll width. Endless belt length is the total length in open form.

Jumbo products generally produced in 1.650mm width (and in 50 meters or 100 meters) are calculated in m² (squaremeters).

Abrasive rolls are generally produced in 50 meters length and calculated in Im (linear meters).

Endless belts are calculated in quantities. Dimensions are given with length at first and width at second (Eg.: 610mmx100mm).

Endless Belt Dimension Graphic



Joint Forms



Safety Pictograms









Polyester Film



AHR31



: Aluminum Oxide Abrasive Backing : Polyester Film : Resin Over Resin Bond : Stearate & Semi-Open Coating

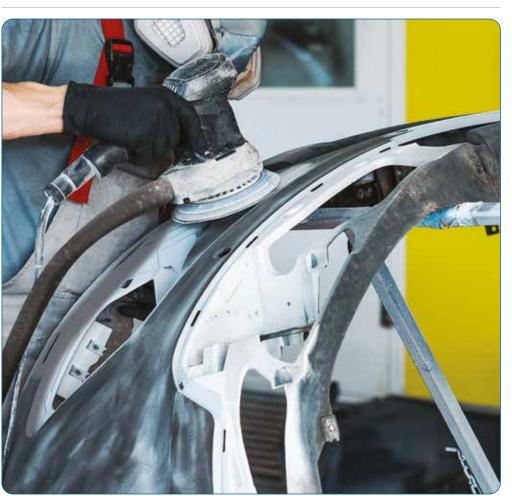
: 40-2000 Grit Range

: Ideal for sanding various types of surfaces in automotive, paint, marine and stainless steel sectors. Polyester film backing with semi open coated Aluminum Oxide abrasive, also with anti-clogging Stearate coating which allows faster cutting, long lifetime and constant grinding. Ideal for sanding paint and primer in automotive industry. Suitable for dry and wet applications. Tear resistant.

Product Fo	orm
Jumbo Roll	
	3
Narrow Belt	
Hook & Loop Disc	•
Quick Lock Disc	



Hook & Loop Disc





Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc Quick Lock Disc

ACR31

NEW

Abrasive : Aluminum Oxide
Backing : C Weight Paper
Bond : Resin Over Resin
Coating : Stearate & Open

Grit Range : 40-1200

Features

: Ideal for sanding undercoated, painted and varnished surfaces in wood, automotive, paint and marine sectors. C weight paper backing with open coated Aluminum Oxide abrasive, also with anti-clogging Stearate coating which allows long lifetime and constant grinding.

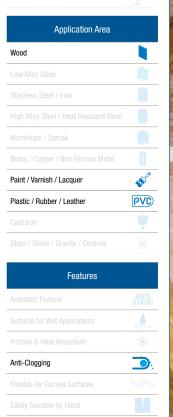






 60
 80
 100
 120
 150
 180
 220
 240
 280
 320
 400
 500
 600
 800
 1000
 1200









AFR71

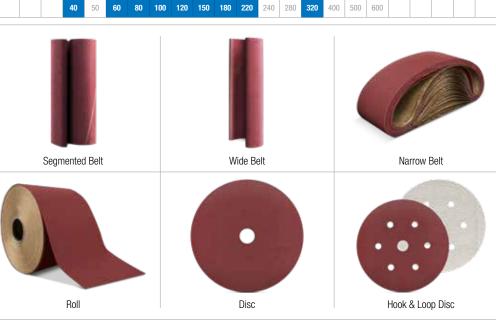
Abrasive : Aluminum Oxide
Backing : F Weight Paper
Bond : Resin Over Resin
Coating : Antistatic & Closed

Grit Range : 40-600

: Ideal for wood, low alloy steel and stainless steel in wide belts, rolls and hook&loop discs. Antistatic F weight paper and also antistatic coating (which prevents the sticking of dust) with closed coated Aluminum Oxide abrasive.

Product Fo	rm
Jumbo Roll	
Segmented Belt	*
Wide Belt	7
Narrow Belt	8
Roll	
Sheet	
Disc	•
Hook & Loop Disc	
	10
Quick Lock Disc	

Application Method





Polishing

Wood

Low Alloy Steel



+ ANTI- STATIC

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Ouick Lock Disc Application Method Polishing Endless Belt Wide Belt Mini Relt

Aluminium / Zamak

Brass / Copper / Non Ferrous Metal

Glass / Stone / Granite / Ceramic

Antistatic Feature

Features

+ANTI-STATIC

CFR91

Abrasive : Silicon Carbide

Backing : F Weight Paper

Bond : Resin Over Resin

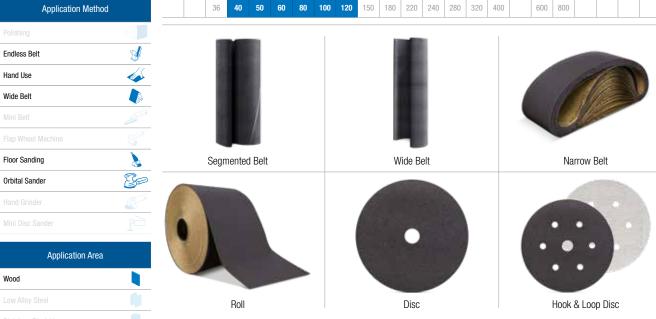
Coating : Antistatic & Semi-Open

Grit Range : 36-800

Features

: Ideal for wood in wide belts, rolls and hook&loop discs. Antistatic F weight paper and also antistatic coating (which prevents the sticking of dust) with semiopen coated Silicon Carbide abrasive.









ZFR91

Abrasive : Zirconia

Backing : F Weight Paper

Bond : Resin Over Resin

Coating : Antistatic & Semi-Open

Grit Range : 24-400

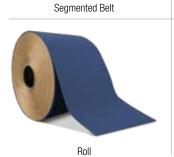
: Ideal for low alloy steel, stainless steel and wood in wide belts, rolls and hook&loop discs. Antistatic F weight paper and also antistatic coating (which prevents the sticking of dust) with semiopen coated Zirconia abrasive.

Product Form	
Jumbo Roll	
Segmented Belt	*
Wide Belt	
Narrow Belt	
Roll	
Sheet	
Disc	•
Hook & Loop Disc	
	10
Flap Disc	
Fibre Disc	
Quick Lock Disc	

Application Method

Hand Use
Wide Belt

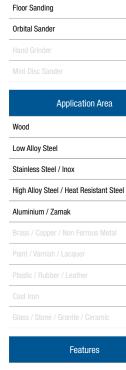
24	36	40	50	60	80	100	120	150	180	220	240	280	320	400				
		I	či i													4	1	





Wide Belt







Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc

CEFR91

Abrasive : Ceramic

Backing : F Weight Paper

Bond : Resin Over Resin Coating

: Antistatic & Semi-Open

Grit Range : 24-400

Features

: Ideal for low alloy steel, stainless steel, high alloy steel, heat resistant steel and wood in wide belts, rolls and hook&loop discs. Antistatic F weight paper and also antistatic coating (which prevents the sticking of dust) with semi-open coated Ceramic abrasive.



Application Method	
Polishing	
Endless Belt	Ŋ
Hand Use	
Wide Belt	
Floor Sanding	7
Orbital Sander	
	AF .





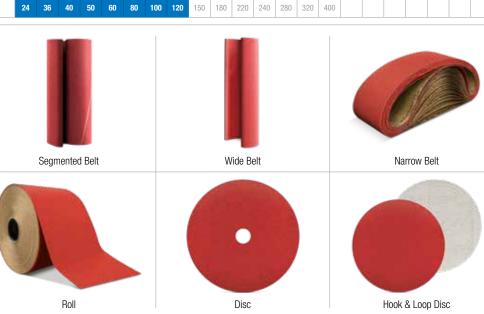
Application Area

Wood

Low Alloy Steel

Stainless Steel / Inox

Features	
Antistatic Feature	+ANTI- STATIC
	3





J Cotton Cloth



Roll

AJR11

Abrasive : Aluminum Oxide
Backing : J Cotton Cloth
Bond : Resin Over Resin

Coating : Closed
Grit Range : 40-400

Features

: Ideal for wood and metal in shoprolls and sheets. Flexible structure, easily

Sheet

tearable by hand.





Shop Roll





	£15	
Application Area		
Wood		
Low Alloy Steel		
Stainless Steel / Inox		
	437	
	9	
Features		
Antistatic Feature	+ANTI STATI	
Outbold Southfal Applications		

Flexible for Curved Surfaces

Easily Tearable by Hand

J Cotton Cloth

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Ouick Lock Disc Ouick Lock Disc

AJR12

NEW

Abrasive : Aluminum Oxide
Backing : J Cotton Cloth
Bond : Resin Over Resin

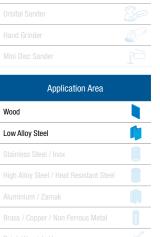
Coating : Closed Grit Range : 40-400

Features

: Ideal for wood and metal in shoprolls and sheets. Flexible structure, easily tearable by hand.



Application Method	
Polishing	
Endless Belt	A
Hand Use	4
Wide Belt	
	3
	J.
	r P



Features	
Antistatic Feature	+ANTI- STATIC
	*
	:
Flexible for Curved Surfaces	₩
Easily Tearable by Hand	

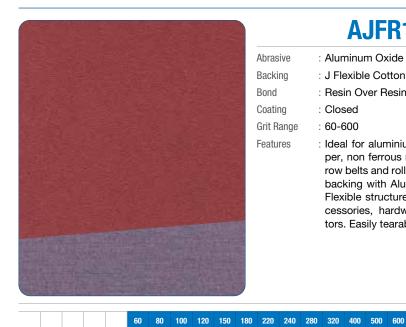




60 80 100 120 150 180 220 240 280 320 400







AJFR12

: Aluminum Oxide Abrasive : J Flexible Cotton Cloth Backing

: Resin Over Resin

: Closed Coating : 60-600 Grit Range

> : Ideal for aluminium, zamak, brass, copper, non ferrous metal and wood in narrow belts and rolls. J flexible cotton cloth backing with Aluminum Oxide abrasive. Flexible structure, ideal for furniture accessories, hardware and relevant sec-

> > tors. Easily tearable by hand.

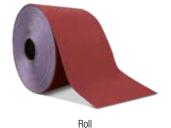


Application Method

Polishina



Narrow Belt









Easily Tearable by Hand

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc Ouick Lock Disc

AJFR11

Abrasive : Aluminum Oxide

Backing

Coating

Grit Range

Features

Bond

: J Flexible Cotton Cloth

: Resin Over Resin

: Topsize & Closed

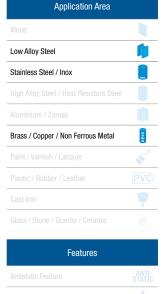
: 60-600

: Ideal for low alloy steel, stainless steel, brass, copper and non ferrous metal in narrow belts and rolls. J flexible cotton cloth backing with Aluminum Oxide abrasive, also with friction and heat resistant Topsize coating. Flexible structure, ideal for medical devices, kitchen accessories and relevant sectors. Easily tearable by hand.





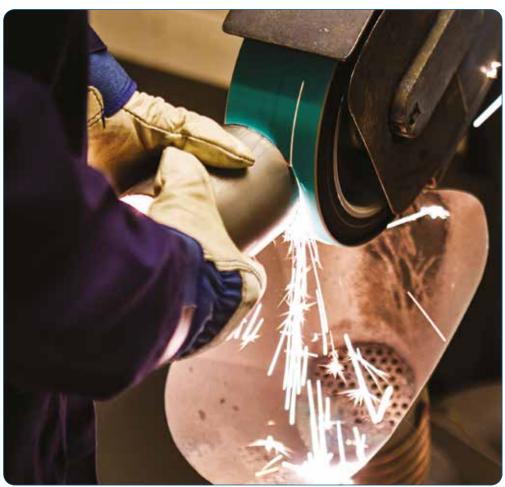




Friction & Heat Absorbant

Flexible for Curved Surfaces

Easily Tearable by Hand





AJFR13

: Aluminum Oxide Abrasive

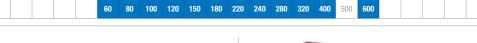
Backing : J Flexible Poly-Cotton Cloth

: Resin Over Resin

: Closed Coating Grit Range : 60-600

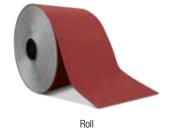
> : Ideal for low alloy steel, stainless steel, high alloy steel, heat resistant steel, aluminium and zamak in narrow belts and rolls. J flexible poly-cotton cloth backing with Aluminum Oxide abrasive. Flexible structure, ideal for furniture accessories, hardware, handles, kitchen accessories and relevant sectors.

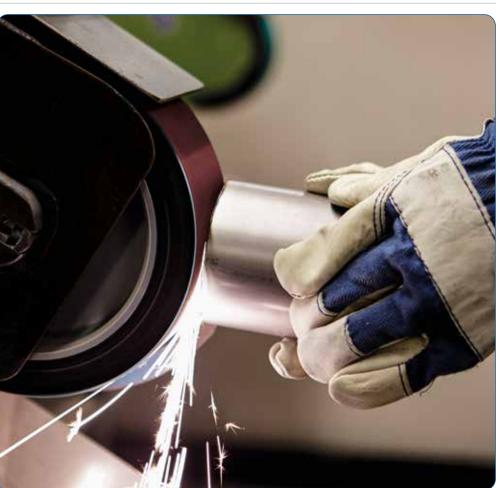
Product Fo	rm
Jumbo Roll	
Segmented Belt	337
	3 /
Narrow Belt	8
Roll	
Hook & Loop Disc	
Quick Lock Disc	











Quick Lock Disc	
Application Method	
Polishing	æ
Endless Belt	9
	4
Mini Belt	
	É
Mini Disc Sander	
Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
High Alloy Steel / Heat Resistant Steel	
Aluminium / Zamak	
Brass / Copper / Non Ferrous Metal	

Features

Product Form Jumbo Roll Narrow Belt Roll

AJFR10

: Aluminum Oxide Abrasive

Backing

Coating

Grit Range

Features

Bond

: J Flexible Poly-Cotton Cloth

: Resin Over Resin

: Topsize & Closed

: 60-600

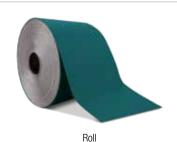
: Ideal for low alloy steel, stainless steel, high alloy steel, heat resistant steel and cast iron in narrow belts and rolls. J flexible poly-cotton cloth backing with Aluminum Oxide abrasive, also with friction and heat resistant Topsize coating. Flexible structure, ideal for furniture ac-

cessories, hardware, handles, kitchen accessories and relevant sectors.



Application Method	
Polishing	
Endless Belt	4
Hand Use	1
Wide Belt	
Mini Belt	
Floor Sanding	1
Orbital Sander	
	re-













CJFR11

: Silicon Carbide Abrasive

Backing : J Flexible Poly-Cotton Cloth

: Resin Over Resin Bond

Coating : Closed : 60-600 Grit Range

Features $: \ \ \, \text{Ideal for brass, copper, non ferrous steel,} \\$ aluminium and zamak in narrow belts and rolls. J flexible poly-cotton cloth backing with Silicon Carbide abrasive.

Flexible structure, ideal for armature,

valve and relevant sectors.











Roll



Application Method	
Polishing	4
Endless Belt	¥
Mini Belt	
	3
Mini Disc Sander	
Application Ar	rea
Wood	
Stainless Steel / Inox	

Glass / Stone / Granite / Ceram
Features
Friction & Heat Absorbant

Aluminium / Zamak

Brass / Copper / Non Ferrous Metal

Flexible for Curved Surfaces	₩
Anti-Clogging	

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Guick Lock Disc Quick Lock Disc

CJFR31

Abrasive : Silicon Carbide

Backing Bond

Coating

Grit Range

Features

: J Flexible Poly-Cotton Cloth

: Resin Over Resin

: Stearat & Closed

: 60-320

: Ideal for brass, copper, non ferrous steel, aluminium and zamak in narrow belts and rolls. J flexible poly-cotton cloth backing with Silicon Carbide abrasive, also with anti-clogging Stearate coating. Flexible structure, ideal for armature, valve and relevant sectors.



Application Method	
Polishing	
Endless Belt	\$
Hand Use	1
Wide Belt	
Floor Sanding	7
Mini Disc Sander	r



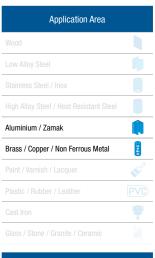
80

100 | 120 | 150

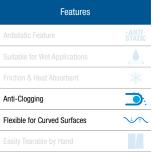
180 220

280











CEF51

Abrasive : Ceramic

Backing : J Flexible Poly-Cotton Cloth

Bond : Resin Over Resin
Coating : Topsize & Closed

Grit Range : 60-220

Features

: Ideal for stainless steel, high alloy steel, heat resistant steel and cast iron in narrow belts and rolls. J flexible poly-cotton cloth backing with Ceramic abrasive, also with friction and heat resistant Topsize coating. Flexible structure, ideal for industrial kitchen accessories, medical

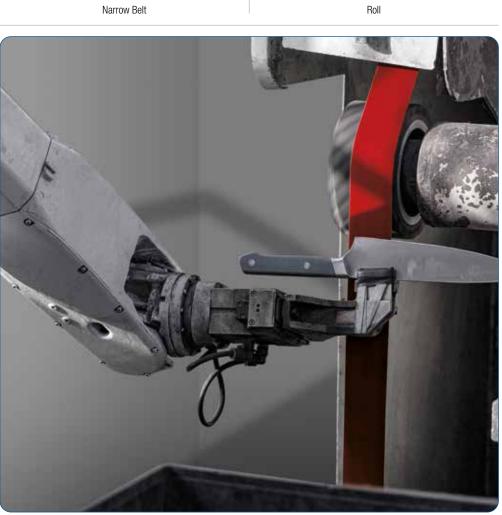
devices, precision casting and relavant sectors.

Product Fo	orm
Jumbo Roll	
	3
Narrow Belt	8
Roll	
Hook & Loop Disc	
	10
Flap Disc	0
Fibre Disc	•
Quick Lock Disc	0









Polishing	
1 Ollothing	
Endless Belt	Ą
Mini Belt	
	1
Mini Disc Sander	

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
High Alloy Steel / Heat Resistant Steel	
Cast Iron	-

ction & Heat Absorbant
exible for Curved Surfaces

sistant



X Semi Flexible Cotton Cloth



AXFR11

: Aluminum Oxide Abrasive : X Semi Flexible Cotton Cloth Backing

: Resin Over Resin

: Closed

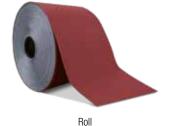
: 40-600 Grit Range

> : Ideal for sanding low alloy steel, stainless steel, rubber, plastic and leather in narrow belts, rolls and flap wheels with spindle. X semi flexible cotton cloth backing with Aluminum Oxide abrasive. Flexible structure with long life. Easily tearable by hand.

Product Form Jumbo Roll Narrow Belt Flap Wheel



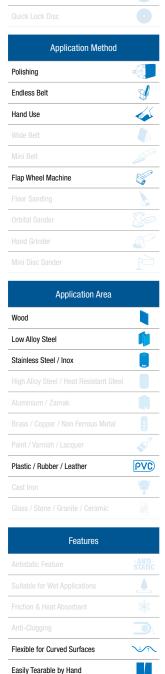
Narrow Belt





Flap Wheel With Spindle





X Semi Flexible Cotton Cloth

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Flap Disc Quick Lock Disc Application Method

AXFR12



Abrasive : Aluminum Oxide

: X Semi Flexible Cotton Cloth

: Resin Over Resin

Coating : Closed

Backing

Features

Bond

Grit Range : 40-600

: Ideal for sanding low alloy steel, stainless steel, rubber, plastic and leather in narrow belts, rolls and flap wheels with spindle and with flange. X semi flexible cotton cloth backing with Aluminum Oxide abrasive. Flexible structure with long life. Easily tearable by hand.



Application Method	
Polishing	
Endless Belt	A
Hand Use	
Flap Wheel Machine	
	AF?
Mini Disc Sander	r



Features	
Antistatic Feature	+ANTI- STATIC
	*
Flexible for Curved Surfaces	$\checkmark \land$
Easily Tearable by Hand	
Tear Resistant	



Narrow Belt



80 100 120 150 180 220 240 280 320 400 500 600

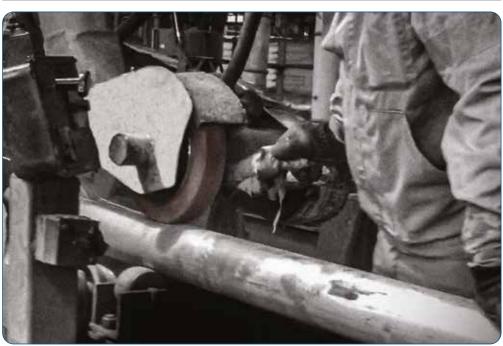




Flap Wheel With Spindle



Flap Wheel With Flange



X Cotton Cloth



AX0P21

: Aluminum Oxide Abrasive Backing : X Cotton Cloth Bond : Resin Over Resin : Semi-Open Coating : 24-400 Grit Range

> : Ideal for sanding wood, aluminium, zamak and low alloy steel in narrow belts, rolls and hook&loop discs. X standard cotton cloth backing with Semi-Open

coated Aluminum Oxide abrasive.

Product Form	
Jumbo Roll	
Segmented Belt	
Narrow Belt	e
Roll	<u></u>
Sheet	
Disc	•
Hook & Loop Disc	•
Quick Lock Disc	









X Poly-Cotton Cloth

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Eller Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Quick Lock Disc Application Method Polishing Endless Belt Hand Use

AXR21

NEW

Abrasive : Aluminum Oxide
Backing : X Poly-Cotton Cloth
Bond : Resin Over Resin

Sheet

: Semi-Open

Grit Range : 24-400

Coating

Features

: Ideal for sanding low alloy steel, aluminium, zamak, non ferrous metals, cast iron and wood in wide belts, narrow belts, rolls, sheets and hook&loop discs. X poly-cotton backing with Semi-Open coated aggresive Aluminum Oxide abrasive



Application Method	
Polishing	
Endless Belt	4
Hand Use	
Wide Belt	
Mini Belt	
Floor Sanding	&
	r)

Application Area		
Wood		
Low Alloy Steel		
Aluminium / Zamak		
Brass / Copper / Non Ferrous Metal	Co Si Mil Mil Za	
Paint / Varnish / Lacquer		

Plastic / Rubber / Leather

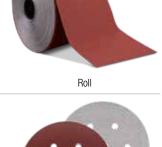
PVC

Features	
Antistatic Feature	+ANTI- STATIC
) :
Tear Resistant	





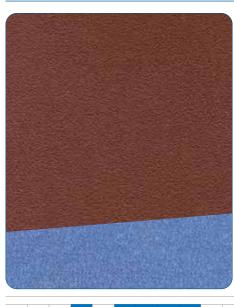
80 100 120 150 180 220 240 280 320







X Heavy Cotton Cloth



AXER11

: Aluminum Oxide Abrasive Backing : X Heavy Cotton Cloth : Resin Over Resin Bond

Coating : Closed : 36-120 Grit Range

Features

: Ideal for sanding low alloy steel, aluminium, zamak, non ferrous steel and wood in wide belt, narrow belt, rolls and flap discs. X heavy cotton cloth backing with Aluminum Oxide abrasive.

Product Fo	orm
Jumbo Roll	
Segmented Belt	3
Wide Belt	₹
Narrow Belt	e
Roll	
Hook & Loop Disc	
Flap Disc	0
Quick Lock Disc	

Application Method

Endless Belt

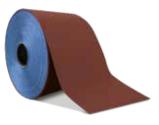




Wide Belt

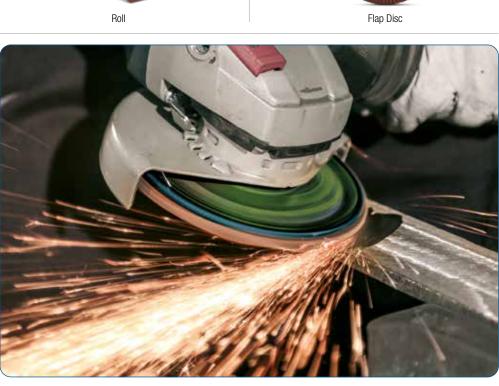


Narrow Belt









	1
Hand Grinder	
Mini Disc Sander	P
Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
	437
Plastic / Rubber / Leather	PVC
	-
Features	
	ANTI



X Heavy Cotton Cloth



ZXR11

: Zirconia Abrasive

Backing : X Heavy Cotton Cloth : Resin Over Resin Bond

Coating : Closed

: 24-120 Grit Range Features

: Ideal for sanding stainless steel and low alloy steel in narrow belts, rolls, hook&loop discs, flap discs and flap wheels. X heavy cotton cloth backing with aggressive Zirconia abrasive.

Product Form	
Jumbo Roll	4
Wide Belt	
Narrow Belt	8
Roll	
Disc	•
Hook & Loop Disc	
Flap Wheel	10
Flap Disc	0
Fibre Disc	
Quick Lock Disc	



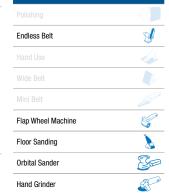


Narrow Belt



Roll





Application Method













Features	
Antistatic Feature	+ANTI- STATIC

X Heavy Cotton Cloth

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Oulck Lock Disc Oulck Lock Disc

ZXR12

NEW

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth
Bond : Resin Over Resin

Coating : Closed

Grit Range : 36-120

Features

: Ideal for sanding stainless steel and low alloy steel in narrow belts, rolls, hook&loop discs, flap discs and flap wheels. X heavy cotton cloth backing with Zirconia abrasive.

80



Application Method		
Polishing		
Endless Belt	A	
Flap Wheel Machine		
Floor Sanding	7	
Orbital Sander		
Hand Grinder		
Mini Disc Sander	r	



Features	
Antistatic Feature	+ANTI- STATIC
	*
	*
	¥A
	X

















AXPR11

: Aluminum Oxide Abrasive

Backing : X Heavy Poly-Cotton Cloth

: Resin Over Resin Bond : Closed

280 320 400

Coating Grit Range : 24-400

> : Ideal for sanding low alloy steel, aluminium, zamak, cast iron and wood in wide belts, narrow belts, rolls and flap discs. X heavy poly-cotton cloth backing with

aggressive Aluminum Oxide abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Narrow Belt	e
Roll	
Hook & Loop Disc	
Flap Disc	0
Quick Lock Disc	0







Narrow Belt







Application Method	
Polishing	
Endless Belt	8
	4
Mini Belt	
	7
Hand Grinder	
Mini Disc Sander	Į-
Application	Area
Wood	
Low Alloy Steel	

Cast Iron
Glass / Stone / Granite /
Fea

Aluminium / Zamak

Plastic / Rubber / Leather

PVC

Product Form Jumbo Roll Wide Belt Narrow Belt Roll Flap Disc **Application Method** Endless Belt Mini Belt Hand Grinder Application Area Wood Low Alloy Steel Aluminium / Zamak Brass / Copper / Non Ferrous Metal Cast Iron Features

AXPR13



Abrasive : Aluminum Oxide

: X Heavy Poly-Cotton Cloth

: Resin Over Resin

Coating : Closed

Grit Range : 36-120 Features : Ideal fo

Backing

Bond

: Ideal for sanding low alloy steel, aluminium, zamak, non ferrous metal, cast iron and wood in wide belts, narrow belts, rolls and flap discs. X heavy weight poly-cotton cloth backing with Aluminum Oxide abrasive.







Narrow Belt





Flap Disc





ZXPR11

Abrasive : Zirconia

Backing : X Heavy Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Closed
Grit Range : 24-120

Features : Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resist-

ant steel, cast iron and wood in wide belts, narrow belts, rolls and flap discs. X heavy poly-cotton cloth backing with

Zirconia abrasive.









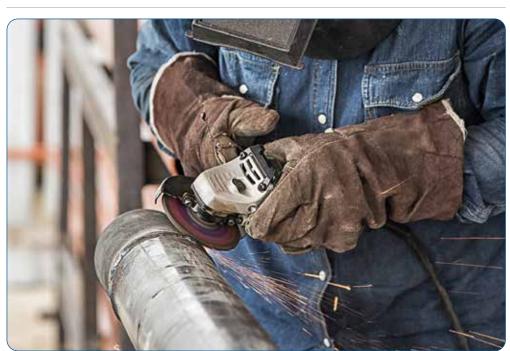
Narrow Belt



Roll



Flap Disc



Application Method	
Polishing	
Endless Belt	¥
	4
Wide Belt	
Mini Belt	
	3
Hand Grinder	
Mini Disc Sander	
Application Application	Area
Wood	
Low Alloy Steel	

Stainless Steel / Inox

High Alloy Steel / Heat Resistant Steel

	4
Cast Iron	-
Features	
Antistatic Feature	+ANTI- STATIC

Product Form Jumbo Roll Wide Belt Narrow Belt Roll Flap Disc **Application Method** Endless Belt Wide Belt Mini Belt Hand Grinder Application Area Wood Low Alloy Steel Stainless Steel / Inox High Alloy Steel / Heat Resistant Steel Cast Iron

Features



ZXPR13

: Zirconia Abrasive

Backing

Bond

: X Heavy Poly-Cotton Cloth

: Resin Over Resin

: Closed Coating

Grit Range : 24-120 Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resistant steel, cast iron and wood in wide belts, narrow belts, rolls and flap discs. X heavy poly-cotton cloth backing with Zirconia abrasive.





80

100 120





Roll



Narrow Belt





Y Poly-Cotton Cloth



AXPR12



: Aluminum Oxide Abrasive Backing : Y Poly-Cotton Cloth Bond : Resin Over Resin

: Closed Coating Grit Range : 36-120

> : Ideal for sanding low alloy steel, aluminium, zamak, non ferrous metal, cast iron and wood in narrow belts, rolls and flap discs.High strenght Y poly-cotton cloth backing with aggressive Aluminum Oxide abrasive.

Product Form	
Jumbo Roll	
Segmented Belt	
Narrow Belt	8
Roll	
Hook & Loop Disc	
	10
Flap Disc	0
Quick Lock Disc	

Application Method





Narrow Belt



Roll



Flap Disc







Cast Iron

Aluminium / Zamak

Brass / Copper / Non Ferrous Metal

Features

Y Poly-Cotton Cloth

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc Quick Lock Disc

ZXPR22

Abrasive : Zirconia

Backing : Y Poly-Cotton Cloth

Bond : Resin Over Resin
Coating : Closed

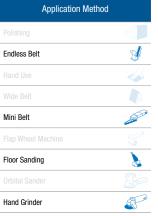
Grit Range : 24-120

Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resistant steel, cast iron and parquet in narrow belts, rolls and flap discs. High stock removal and long life with Y poly-cotton cloth backing and 100% Zirconia abra-

sive.

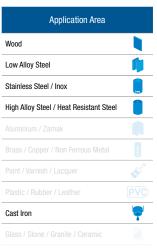


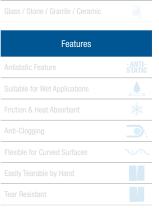


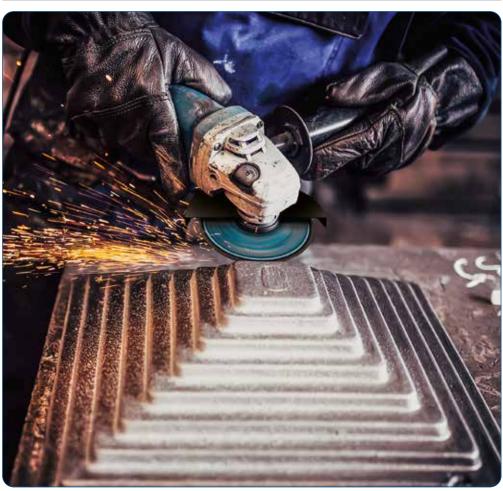












Y Poly-Cotton Cloth



CEY51

Abrasive : Ceramic

Backing : Y Poly-Cotton Cloth
Bond : Resin Over Resin
Coating : Topsize & Closed

: 36-120

: Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron in narrow belts, rolls and flap discs. Y poly-cotton cloth backing with Ceramic abrasive, also with friction and heat resistant Topsize coating.

Product Form	
Jumbo Roll	
Narrow Belt	
Roll	
Sheet	
Disc	
Hook & Loop Disc	
	10
Flap Disc	0
Fibre Disc	
Quick Lock Disc	

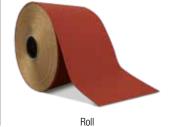
Application Method



Grit Range Features



Narrow Belt



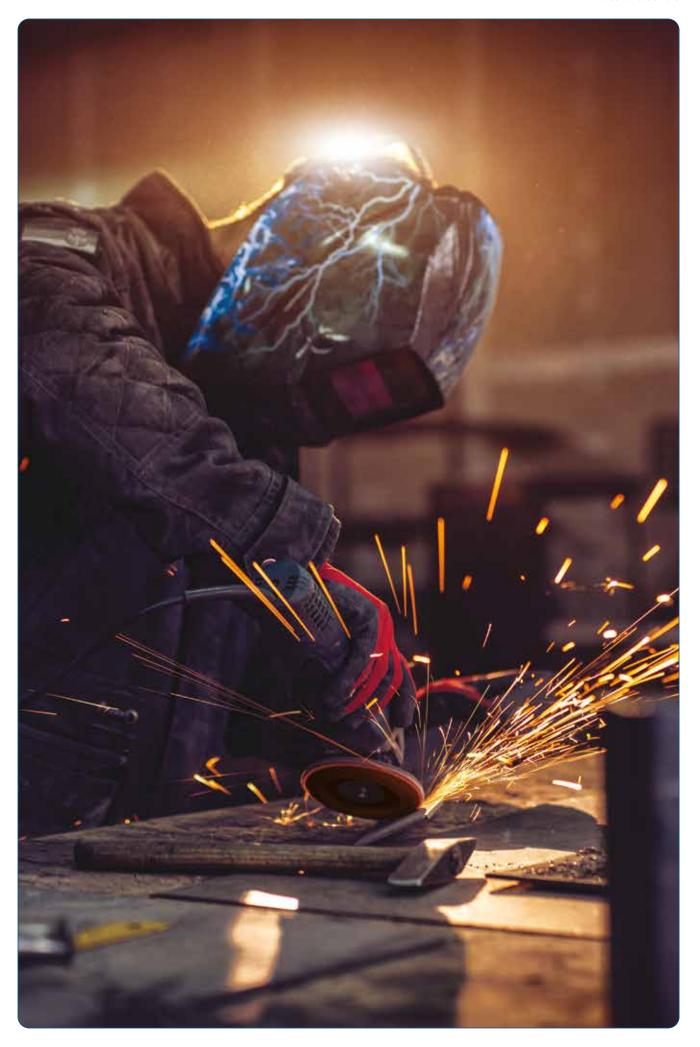


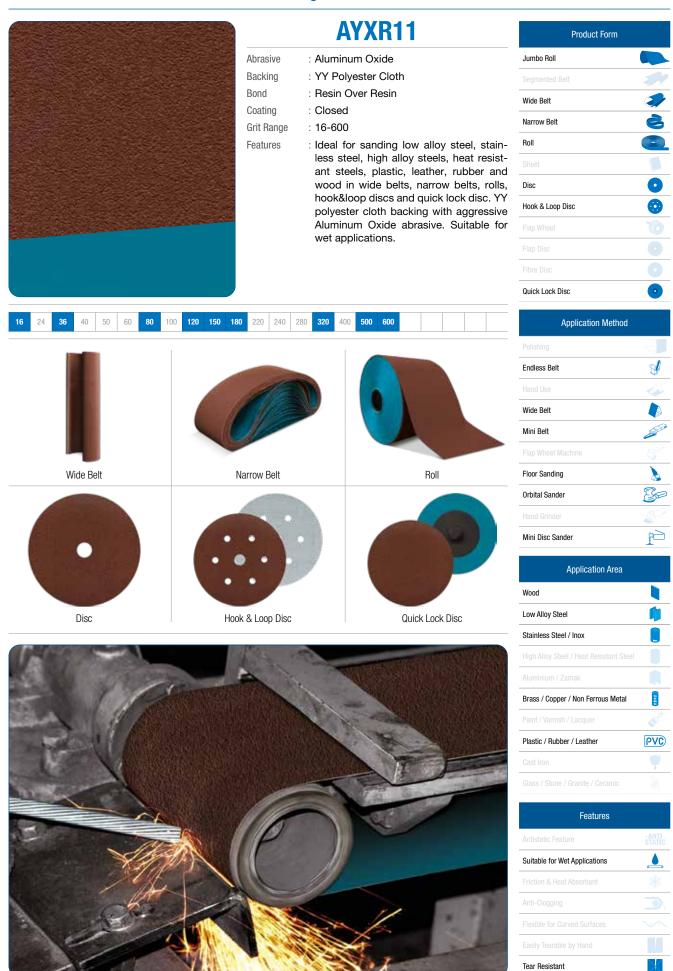






Friction & Heat Absorbant
Anti-Clogging





Product Form Jumbo Roll Wide Belt Narrow Belt Roll Disc **Application Method** Endless Belt Wide Belt Mini Belt Floor Sanding Orbital Sander Application Area Ce Si Mi Ze Brass / Copper / Non Ferrous Metal

CYXR11

: Silicon Carbide Abrasive : YY Polyester Cloth Backing : Resin Over Resin

: Closed Coating Grit Range : 16-220

Bond

Features

: Ideal for sanding glass, stone, granite, ceramic, wood, brass, copper and non ferrous metals in wide belts, narrow belts and rolls; ideal for floor sanding. YY pol-

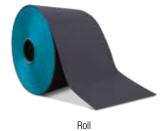
> yester cloth backing with Silicon Carbide abrasive. Suitable for wet applications.







Narrow Belt







Glass / Stone / Granite / Ceramic

Suitable for Wet Applications

Tear Resistant



ZYYR11

: Zirconia Abrasive

Backing : YY Polyester Cloth : Resin Over Resin Bond

: Closed Coating Grit Range : 24-400

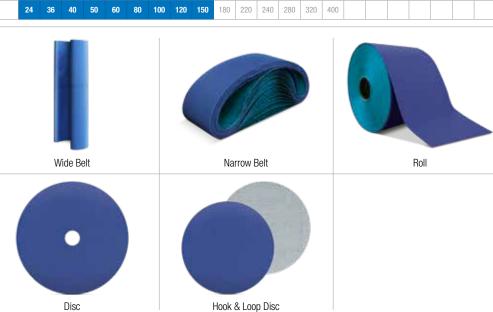
Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resistant steel, aluminium, zamak, cast iron, plastic, leather, rubber and wood in wide belts, narrow belts, rolls and hook&loop discs; ideal for parquet. High stock removal and long life with YY polyester cloth backing and 100% Zirconia abra-

sive. Suitable for wet applications.

Product Form Jumbo Roll Wide Belt Narrow Belt Disc Hook & Loop Disc

Application Method







Endless Belt	A
Wide Belt	
Mini Belt	
Floor Sanding	7
Orbital Sander	
Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
Stainless Steel / Inox High Alloy Steel / Heat Resistant Steel	
High Alloy Steel / Heat Resistant Steel	
High Alloy Steel / Heat Resistant Steel Aluminium / Zamak	
High Alloy Steel / Heat Resistant Steel Aluminium / Zamak Brass / Copper / Non Ferrous Metal	PVC

Suitable for Wet Applications

Features

Product Form Jumbo Roll Wide Belt Narrow Belt Roll Features Quick Lock Disc Application Method Endless Belt Wide Belt Mini Belt Mini Disc Sander Application Area Stainless Steel / Inox High Alloy Steel / Heat Resistant Steel Brass / Copper / Non Ferrous Metal Cast Iron Features Suitable for Wet Applications * Friction & Heat Absorbant

Tear Resistant

ZYYR51

Abrasive : Zirconia

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Topsize & Closed

Grit Range : 24-120

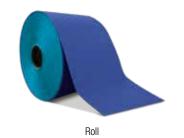
: Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron materials in wide belts, narrow belts, rolls and quick lock disc. High stock removal and long life with YY polyester cloth backing with 100% Zirconia abrasive, also with friction and heat resistant Topsize coating. Suitable for wet applications.





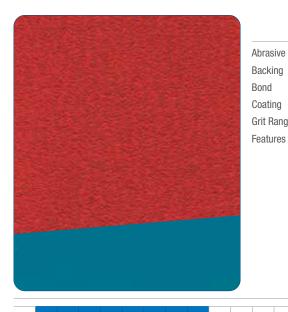


Narrow Belt









CEYYR21

: Ceramic Abrasive

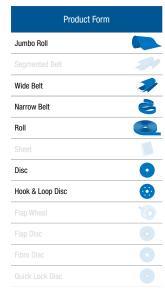
Backing : YY Polyester Cloth : Resin Over Resin Bond

Coating : Semi-Open

: 24-120 Grit Range

> : Ideal for sanding wooden floor, brass, copper and non ferrous metals in endless belts, rolls and hook&loop discs. YY polyester cloth backing with Semi-Open coated Ceramic abrasive. Suitable for

wet applications.



Application Method







Endless Belt	Ą
Wide Belt	
Mini Belt	
Floor Sanding	}
Orbital Sander	
Mini Disc Sander	
Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
High Alloy Steel / Heat Resistant Steel	
Brass / Copper / Non Ferrous Metal	Go 18 184 20
Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
Friction & Heat Absorbant	*

Tear Resistant

Product Form Jumbo Roll Wide Belt Narrow Belt Roll Quick Lock Disc Application Method Endless Belt Wide Belt Mini Belt Mini Disc Sander Application Area Low Alloy Steel Stainless Steel / Inox High Alloy Steel / Heat Resistant Steel

Cast Iron

Features

Suitable for Wet Applications Friction & Heat Absorbant

Tear Resistant

CEYYR51

Abrasive : Ceramic

: YY Polyester Cloth Backing Bond

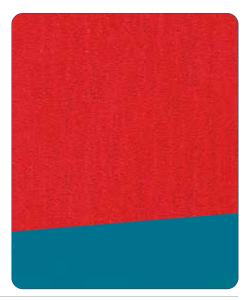
: Resin Over Resin Coating

: Topsize & Closed

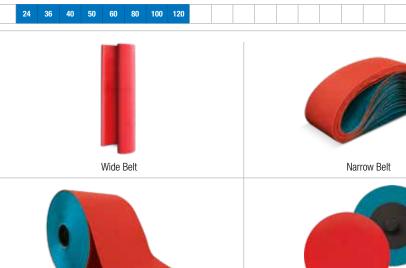
Grit Range : 24-120

Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resistant steel and cast iron in wide belts, narrow belts, rolls and quick lock disc. YY polyester cloth backing with Ceramic abrasive, also with friction and heat resistant Topsize coating. Suitable for wet applications.



Quick Lock Disc



Roll





CEYYR52



Abrasive : Ceramic and Zirconia
Backing : YY Polyester Cloth
Bond : Resin Over Resin
Coating : Topsize & Closed
Grit Range : 24-80

: Ideal for heavy deburring and sanding low alloy steel, stainless steel, heat sensitive steel, cast iron in wide belts, narrow belts and rolls. YY polyester cloth backing with Ceramic and Zirconia abrasive, also with friction and heat resistant Topsize coating. Suitable for wet applications.

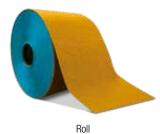
Product Form	
Jumbo Roll	
Segmented Belt	3
Wide Belt	→
Narrow Belt	e
Roll	
Hook & Loop Disc	
Quick Lock Disc	



Wide Belt



Narrow Belt





Quick Lock Disc	0
Application Method	
Endless Belt	A
Wide Belt	
Mini Belt	
	1
Mini Disc Sander	F
Application Area	
Wood	
Low Alloy Steel	n
Stainless Steel / Inox	
High Alloy Steel / Heat Resistant Steel	
Aluminium / Zamak	
Cast Iron	-
Features	
Antistatic Feature	+ANTI- STATIO
Suitable for Wet Applications	
Friction & Heat Absorbant	*
Anti-Clogging	
Flexible for Curved Surfaces	\psi
Easily Tearable by Hand	

Tear Resistant

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Ouick Lock Disc Ouick Lock Disc

AGYYR21

Abrasive : Compact Aluminum Oxide

: YY Polyester Cloth

: Resin Over Resin

: Semi-Open

Grit Range : 80-600

Backing

Coating

Features

Bond

: Ideal for polishing and finishing low alloy steel, stainless steel, high alloy steel and heat resistant steel in wide belts, narrow belts, rolls and hook&loop disc; ideal for centerless grinding. YY polyester cloth backing with Semi-Open coated Compact Aluminum Oxide abrasive. Suitable for wet applications.



600





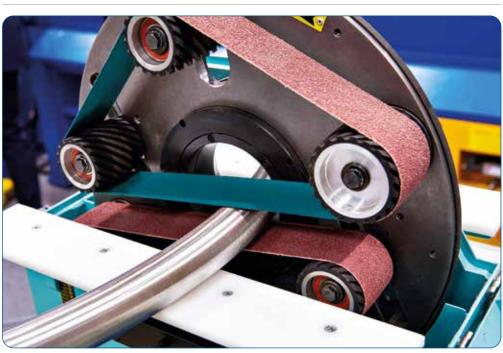
Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
	*
	3 :
Tear Resistant	



180

240

320 400





CZR71

Abrasive : Silicon Carbide

Backing : Z Polyester Cloth

Bond : Resin Over Resin

Coating : Antistatic & Closed

Grit Range : 40-220

: Ideal for sanding wood, glass, stone and ceramic in segmented and wide belts. Antistatic Z polyester cloth backing and also antistatic coating with Silicon Carbide abrasive which prevents dust sticking.

Product Fo	orm
Jumbo Roll	4
Segmented Belt	
Wide Belt	4
Narrow Belt	ę
Hook & Loop Disc	
Quick Lock Disc	

|--|

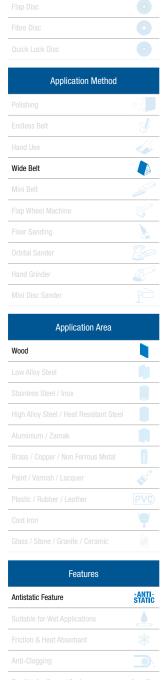


Segmented Belt

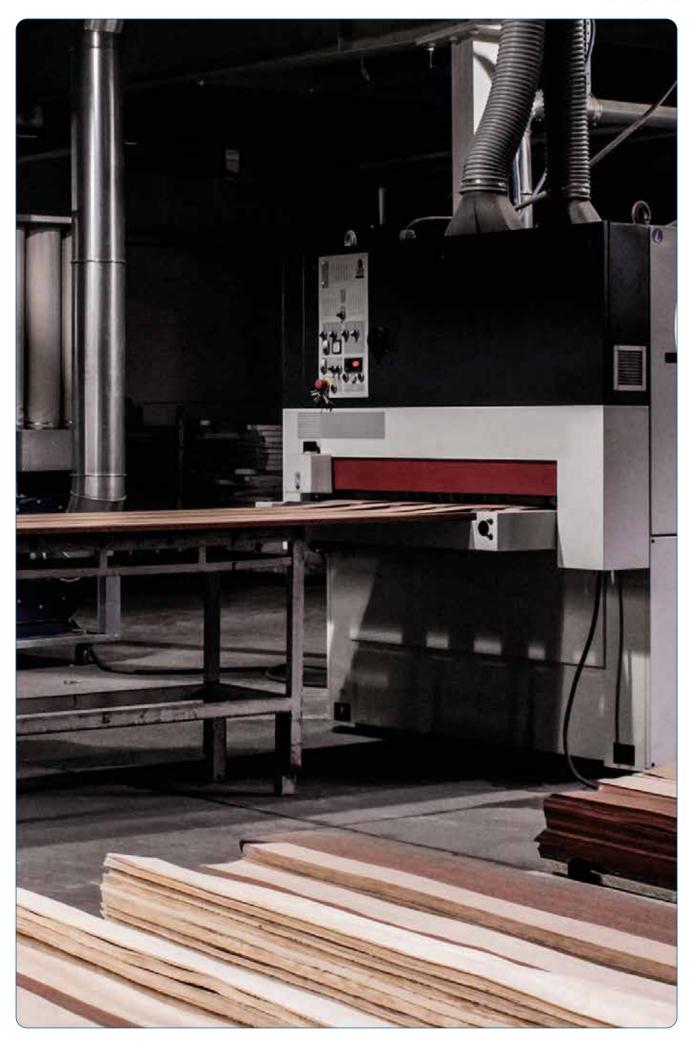


Wide Belt





Tear Resistant



Vulcanized Fibre



AWER11

: Aluminum Oxide Abrasive Backing : Vulcanized Fibre : Resin Over Resin Bond

Coating : Closed : 16-120 Grit Range

Features

: Ideal for sanding metal, aluminium, zamak and wood in fibre discs. Vulcanized fibre backing with Aluminum Oxide abra-

sive.

Product Form		
Jumbo Roll		
Segmented Belt	3	
Narrow Belt		
Hook & Loop Disc		
Fibre Disc	0	
Quick Lock Disc	0	



Fibre Disc



Application Me	thod
Polishing	
	4
Wide Belt	
Mini Belt	
	7
Hand Grinder	F
Mini Disc Sander	P
Application A	rea

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	
Aluminium / Zamak	
Brass / Copper / Non Ferrous Metal	50 80 86 26
	437
	-
Glass / Stone / Granite / Ceramic	
Features	

Tear Resistant

Product Form Jumbo Roll Fibre Disc

Application Method

AWR11

Abrasive : Aluminum Oxide Backing : Vulcanized Fibre : Resin Over Resin Bond : Closed Coating

Grit Range : 16-120

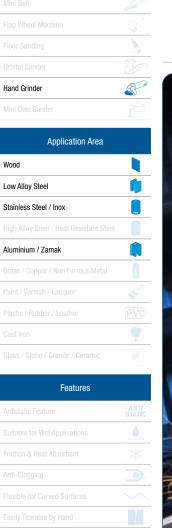
Features

: Ideal for sanding low alloy steel, stainless steel, aluminium, zamak and wood in fibre discs. Vulcanized fibre backing with Aluminum Oxide abrasive.





Fibre Disc



Wood

Tear Resistant





ZWR11

Abrasive : Zirconia

Backing : Vulcanized Fibre
Bond : Resin Over Resin

Coating : Closed
Grit Range : 24-120

Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steel, heat resistant steel, aluminium, zamak and cast iron in fibre discs. Vulcanized fibre backing with Zirconia abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Narrow Belt	
Roll	<u>a</u>
Sheet	
Hook & Loop Disc	
Flap Wheel	
Flap Disc	
Fibre Disc	0
Quick Lock Disc	





Fibre Disc



Application Method	
Polishing	
Mini Belt	
	J.
Hand Grinder	
Mini Disc Sander	r)

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	lace
High Alloy Steel / Heat Resistant Steel	
Aluminium / Zamak	
Brass / Copper / Non Ferrous Metal	01 18 18 25
	430
Cast Iron	-

Features

Suitable for Wet A
Friction & Heat A
Flexible for Curve

Tear Resistant

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Flipre Disc Quick Lock Disc Output Quick Lock Disc Output Disc Disc Output Disc Disc Output Disc Disc Disc Output Disc D

ZWR51

Abrasive : Zirconia

Backing : Vulcanized Fibre
Bond : Resin Over Resin
Coating : Topsize & Closed

Grit Range : 24-120

Features

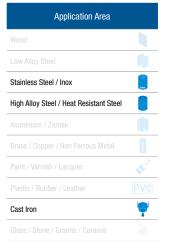
: Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron in fibre discs. Vulcanized fibre backing with Zirconia abrasive and also with friction and heat resistant Topsize coat-

ing.

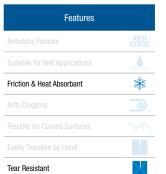


Application Me	thod
Polishing	
Endless Belt	8
Mini Belt	
	7
Orbital Sander	J.
Hand Grinder	











CWR11

Abrasive : Silicon Carbide
Backing : Vulcanized Fibre
Bond : Resin Over Resin

Coating : Closed
Grit Range : 16-120

Features

: Ideal for sanding non ferrous metals, glass, stone, granite, ceramic and wood in fibre discs. Vulcanized fibre backing with Silicon Carbide abrasive.

Product Fo	orm
Jumbo Roll	
Segmented Belt	3
Narrow Belt	
Disc	•
Hook & Loop Disc	
	10
Flap Disc	0
Fibre Disc	•
Quick Lock Disc	0

16	24	36	40	50	60	80	100	120														
----	----	----	----	----	----	----	-----	-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--



Fibre Disc



Quick Lock Disc	
Application Method	
Polishing	4
Endless Belt	y
Hand Use	
Wide Belt	
Mini Belt	
	1
Orbital Sander	
Hand Grinder	
Mini Disc Sander	
Application Area	
Wood	
Low Alloy Steel	h
Stainless Steel / Inox	
Brass / Copper / Non Ferrous Metal	Go RE RHs 20
Paint / Varnish / Lacquer	
Plastic / Rubber / Leather	PVC
Cast Iron	7
Glass / Stone / Granite / Ceramic	
Features	
Antistatic Feature	+ANTI- STATIC
Friction & Heat Absorbant	*
Anti-Clogging	
Tear Resistant	X

Product Form Jumbo Roll Segmented Belt Wide Belt Narrow Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Ouick Lock Disc Application Method Polishing Endless Belt Hand Use

Hand Grinder

Stainless Steel / Inox

Cast Iron

High Alloy Steel / Heat Resistant Steel

Features

Friction & Heat Absorbant

Tear Resistant

Application Area

CER51

Abrasive : Ceramic

Backing : Vulcanized Fibre

Bond : Resin Over Resin

Coating : Topsize & Closed

Grit Range : 24-120 Features : Ideal fo

: Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron in fibre discs. Vulcanized fibre backing with Ceramic abrasive and also with friction and heat resistant Topsize coating.



24 36 40 50 **60 80** 100 **120**



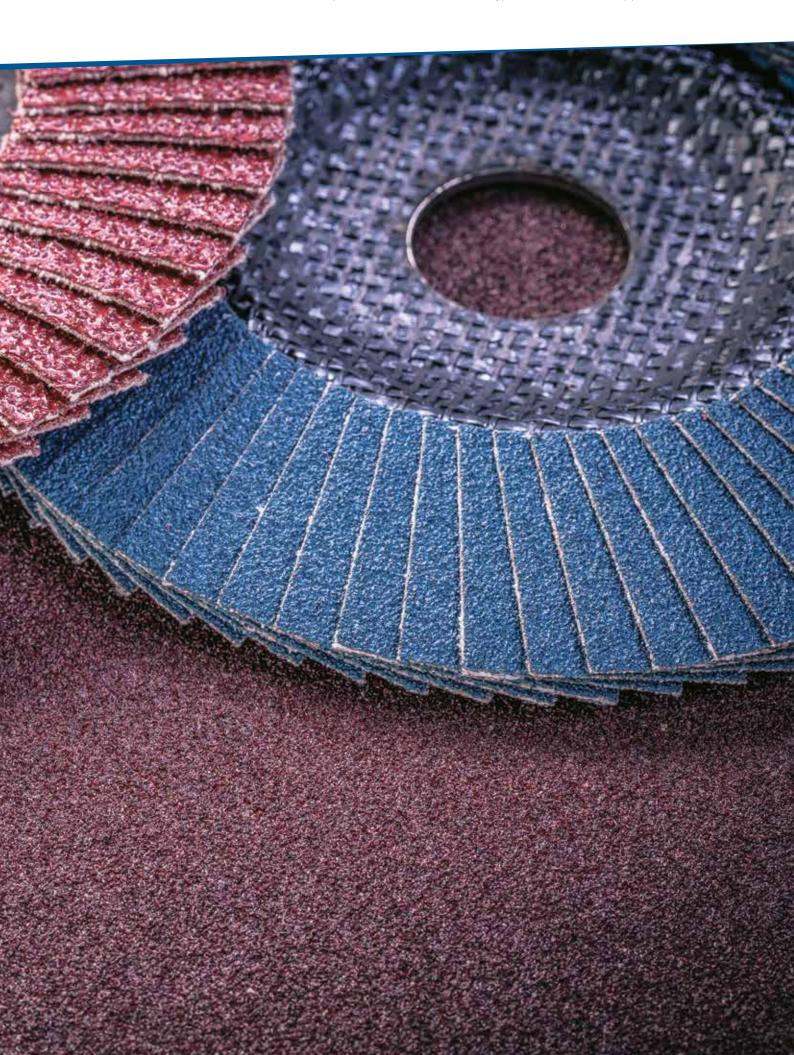
Fibre Disc





Flap Discs





Product Category Information

Karbosan flap discs are offered in various types to meet different application needs. Flap discs are served with a total of 10 different types of Aluminum Oxide, Zirconium and Ceramic abrasives, from 36 grit to 120 grit, from 100mm diameter to 180mm diameter, with various density types on conical and flat fiberglass backings.

Karbosan flap discs are divided into 3 main groups; **Comfort Line** with cotton abrasive backing, **Universal Line** and **Premium Line** with Polycotton abrasive backing; also composed of 3 different density types; low, standard and high.

Category	Abrasive	Product Code	Backing	LD Low Density	SD Standard Density	HD High Density
Comfort Line	Aluminum Oxide	AXER11	X Heavy			
	ZR Zirconia	ZXR11	Cotton Cloth			
Universal Line	ZR Zirconia	ZXPR11	X Heavy Poly-Cotton Cloth		ZR	
	Aluminum Oxide	AXPR11	X Heavy Poly-Cotton Cloth		A CO	
Premium Line	100% ZR Zirconia	ZXPR22	Y Poly-Cot-		ROP	
	Ceramic	CEY51	ton Cloth		OF THE PROPERTY OF THE PROPERT	
Category			Density	LD Low Density	SD Standard Density	HD High Density
Comfort Line	used for	brasive back low pressure ver operations	e and	90U	al	ng of
Universal Line	used for	on abrasive by medium to he and power ns	•	Economic with required performance	High stock removal operations	In aggressive sanding of
Premium Line	used for	on abrasive b high pressur wer operation	e and	E	Hig	In agg

Categories

Comfort Line

- Used for low pressure and low power operations
- 100% Cotton abrasive backing

Universal Line

- For medium to high pressure and power operations
- Polycotton abrasive backing resistant to heavy applications

Premium Line

- Used for high pressure and high power operations
- Polycotton abrasive backing resistant to heavy applications

Densities





- Once adequate performance is needed
- Economical product with less flaps
- Reasonable price, suitable for personal use

SD Standard Density



- High stock removal operations
- Suitable for all application areas
- Favored in price performance perspective

HD High Density



- Aggressive sanding of curved and wide surfaces
- Long life product with wider and more flaps
- Ideal for industrial heavy duty applications

Types and Diameters

Flat Type



- Used in flat surfaces
- Ideal for blending and finishing
- Applied primarily between 0° to 15°

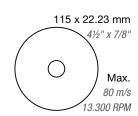
Conical Type

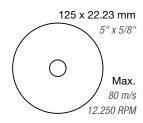


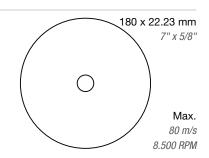
- Used in concaved surfaces and edges
- High stock removal with best surface contact
- Applied primarily between 15° to 25°

Flap Disc Diameters









Advantages of Flap Discs

Advantages Against Grinding Discs

- Faster and easier stock removal
- Smoother finishing
- Cooler grinding with reduced adhesion and less lubricant
- Lighter equipment, easier control
- · Less vibration, less operator fatigue, less noise

Advantages Against Fibre Discs

- Longer lifetime, lower cost
- Fewer disc changes, less labor cost
- More consistent finish
- No back-up pad required
- · Easier storage and longer shelf life

Product Types

Comfort Line



Product Code

AXER11

Backing

X Heavy Cotton Cloth

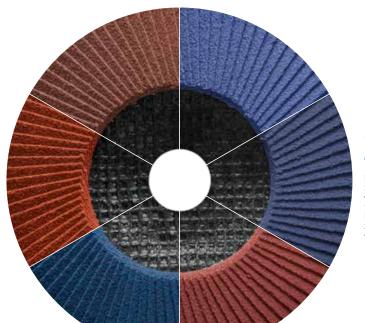
Comfort Line

Product Code

ZXR11

Backing

X Heavy Cotton Cloth



Universal Line

Product Code

ZXPR11

Backing

X Heavy Poly-Cotton Cloth

Line **Product Code**

Premium

CEY51

Backing

Y Poly-Cotton Cloth

Premium Line

Product Code

ZXPR22

Backing

Y Poly-Cotton Cloth

Premium Line

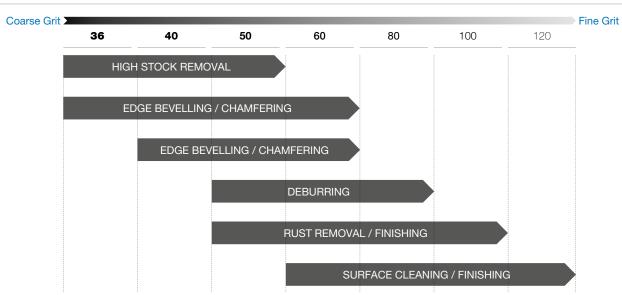
Product Code

AXPR11

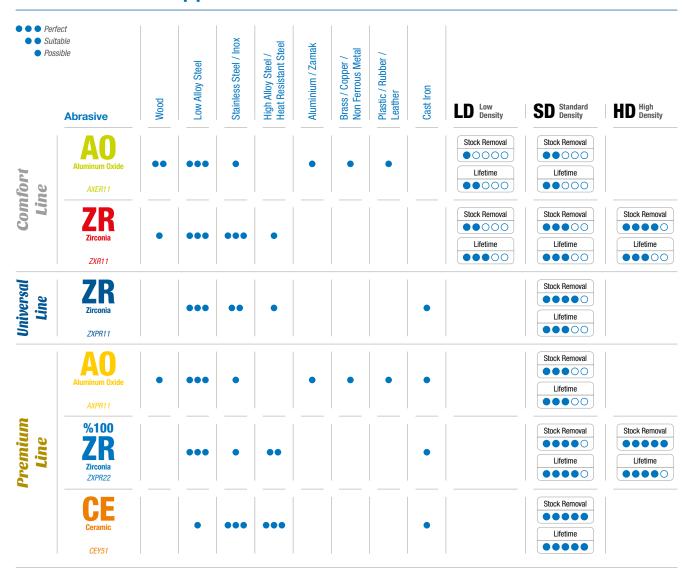
Backing

X Heavy Poly-Cotton Cloth

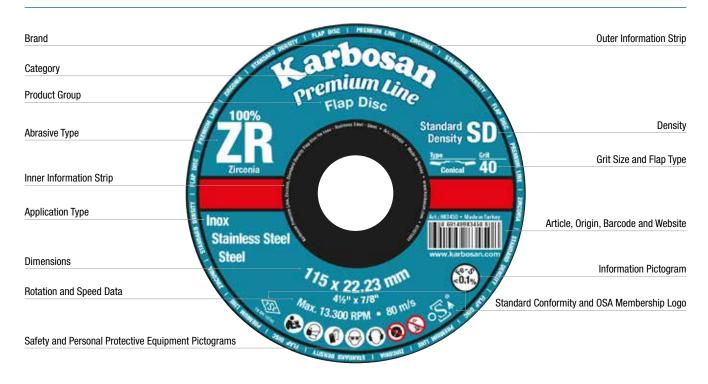
Grit Size Application Guide



Application and Performance Table



Label Information



Comfort Line Flap Discs





Density

Comfort Line



M

Stock Removal Lifetime • • • • • •

Product Code : AXER11

Abrasive : Aluminum Oxide

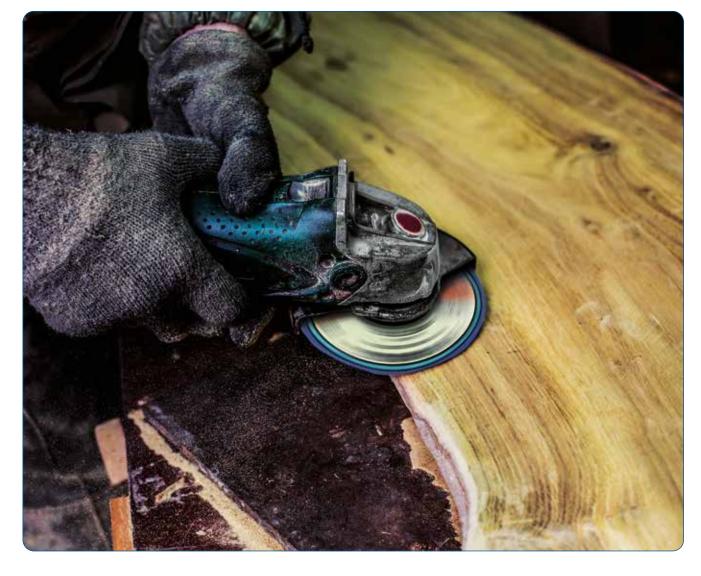
Backing : X Heavy Cotton Cloth

Application : Multipurpose grinding for steel and metal.

: Less flap version Low Density flap discs are economic with required per-

formance.

Туре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
Flat	115x22.23		981165	981170	981175	981180	981185	981190	981195	10	120
	125 x22.23	80	981325	981330	981335	981340	981345	981350	981355	10	120
	180x22.23		981645	981650	981655	981660	981665	981670	981675	10	80
Conical	115x22.23		981205	981210	981215	981220	981225	981230	981235	10	120
	125 x22.23	80	981365	981370	981375	981380	981385	981390	981395	10	120
	180x22.23		981685	981690	981695	981700	981705	981710	981715	10	80



Comfort Line Flap Discs



Stock Removal Lifetime •••••

Product Code : AXER11

Abrasive : Aluminum Oxide
Backing : X Heavy Cotton Cloth

Application : Multipurpose grinding for steel and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high



/pe	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	100 x16		-	981090	-	981100	981105	-	981115	10	120
	115x22.23		981245	981250	981255	981260	981265	981270	981275	10	120
Flat	125 x22.23	80	981405	981410	981415	981420	981425	981430	981435	10	120
	150x22.23		-	981570	-	981580	981585	-	981595	10	80
	180x22.23		981725	981730	981735	981740	981745	981750	981755	10	80
	100 x16		-	981130	-	981140	981145	-	981155	10	120
	115x22.23	_	981285	981290	981295	981300	981305	981310	981315	10	120
Conical	125 x22.23	80	981445	981450	981455	981460	981465	981470	981475	10	120
	150x22.23		-	981610	-	981620	981625	-	981635	10	80
	180x22.23		981765	981770	981775	981780	981785	981790	981795	10	80







Density

Comfort Line

LD Low Density

Stock Removal

••••

Lifetime

••••

Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless

steel (Inox).

: Less flap version Low Density flap discs are economic with required per-

formance

уре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	115x22.23		982045	982050	982055	982060	982065	982070	982075	10	120
Flat	125 x22.23	80	982285	982290	982295	982300	982305	982310	982315	10	120
riat	180x22.23		982685	982690	982695	982700	982705	982710	982715	10	80
	115x22.23		982085	982090	982095	982100	982105	982110	982115	10	120
Conical	125 x22.23	80	982325	982330	982335	982340	982345	982350	982355	10	120
	180x22.23		982725	982730	982735	982740	982745	982750	982755	10	80



Comfort Line Flap Discs



Comfort Line

SD Standard Density

Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless

steel (Inox).

Density : Optimum flap version Standard Density flap discs are preferred in high



/pe	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	100 x16		-	981890	-	981900	981905	-	981915	10	120
	115x22.23	00	982125	982130	982135	982140	982145	982150	982155	10	120
Flat	125 x22.23	— 80	982365	982370	982375	982380	982385	982390	982395	10	120
	180x22.23	_	982765	982770	982775	982780	982785	982790	982795	10	80
	100 x16	80 80	-	981930	-	981940	981945	-	981955	10	120
	115x22.23		982165	982170	982175	982180	982185	982190	982195	10	120
Conical	125 x22.23		982405	982410	982415	982420	982425	982430	982435	10	120
	180x22.23		982805	982810	982815	982820	982825	982830	982835	10	80



Comfort Line Flap Discs





Comfort Line

HD High Density

Stock Removal Lifetime •••••

Product Code : ZXR11

Density

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless

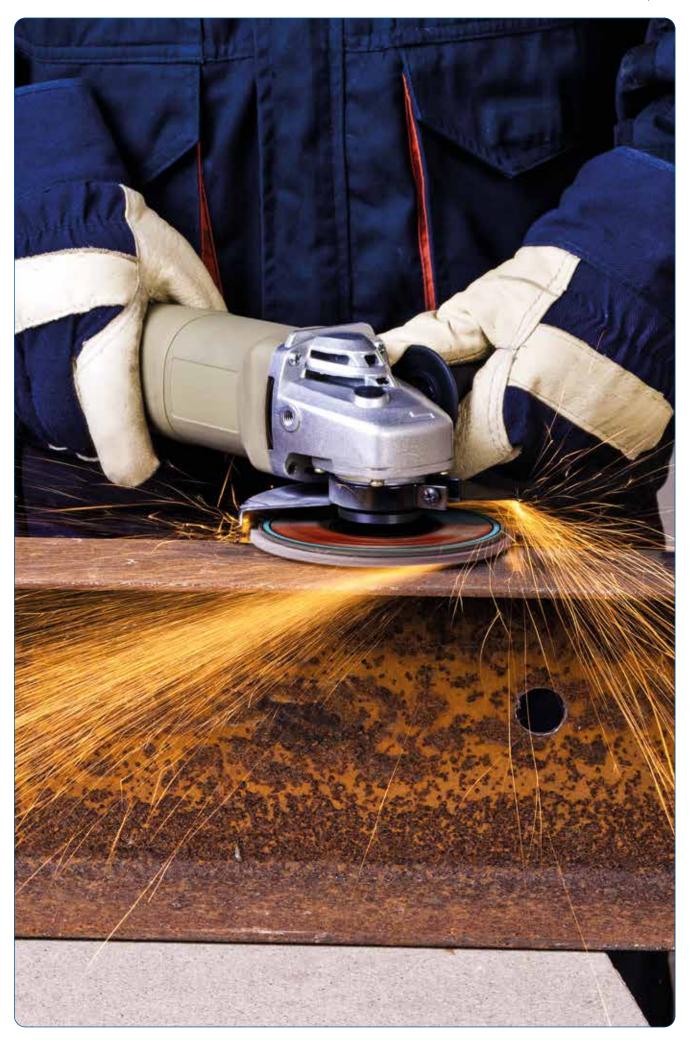
steel (Inox)

: More flap version High Density flap discs are preferred in aggressive

sanding of curved and wide surfaces.

уре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	115x22.23		-	982210	-	982220	982225	-	982235	10	120
Flat	125 x22.23	80	-	982450	-	982460	982465	-	982475	10	120
Tiut	180x22.23		-	930748	-	930753	930754	-	930756	10	80
	115x22.23		-	982250	-	982260	982265	-	982275	10	120
Conical	125 x22.23	80	-	982490	-	982500	982505	-	982515	10	120
oonida	180x22.23		_	930770	-	930772	930773	_	930775	10	80





Universal Line Flap Discs





Universal Line

SD Standard Density

Stock Removal

Lifetime

Product Code : ZXPR11
Abrasive : Zirconia

Backing : X Heavy Poly-Cotton Cloth

Application : Multipurpose aggressive grinding for steel, stainless steel (inox) and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high

ре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	100 x16		-	930130	-	930140	930150	-	930700	10	120
	115x22.23	_	958978	930160	958984	930170	930180	958973	930710	10	120
Flat	125x22.23	80	959182	930190	-	930200	930210	959177	930720	10	120
Tiut	150x22.23		-	931920	-	-	-	-	-	10	80
	180x22.23		959311	930220	959316	930230	930240	959309	930730	10	80
	100 x16		-	930370	-	930380	930390	-	930660	10	120
	115x22.23	_	932000	930400	959091	930410	930420	932030	930670	10	120
Conical	125 x22.23	80	959249	930430	959257	930440	930450	959243	930680	10	120
Oomou	150x22.23		-	931280	-	931250	931260	-	931290	10	80
	180x22.23		932140	930460	959352	930470	930480	959341	930690	10	80





Premium Line

SD Standard Density



Product Code : AXPR11

Abrasive : Aluminum Oxide

Backing : X Heavy Poly-Cotton Cloth

Application : Multipurpose aggressive grinding for steel and metal.

Density : Optimum flap version Standard Density flap discs are preferred in high



rpe	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	100 x16		-	982850	-	982860	982865	-	982875	10	120
	115x22.23	— — 80	982925	982930	982935	982940	982945	982950	982955	10	120
Flat	125x22.23	- 00	983005	983010	983015	983020	983025	983030	983035	10	120
	180x22.23		983165	983170	983175	983180	983185	983190	983195	10	80
	100 x16		-	982890	-	982900	982905	-	982915	10	120
	115x22.23		982965	982970	982975	982980	982985	982990	982995	10	120
Conical	125 x22.23	— 80	983045	983050	983055	983060	983065	983070	983075	10	120
	180x22.23		983205	983210	983215	983220	983225	983230	983235	10	80





100% ZR

100% Premium Line

SD Standard Density

Stock Removal Lifetime

Product Code

Density

: ZXPR22

Abrasive : 100% Zirconia

Backing : Y Poly-Cotton Cloth

Application : Weld grinding, de

: Weld grinding, deburring and blending applications for metal, steel and

stainless steel (Inox).

: Optimum flap version Standard Density flap discs are preferred in high

rpe	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	100 x16		-	983250	-	983260	983265	-	983275	10	120
	115x22.23	_	983405	983410	983415	983420	983425	983430	983435	10	120
Flat	125x22.23	80	983565	983570	983575	983580	983585	983590	983595	10	120
1141	150x22.23		-	983730	-	983740	983745	-	983755	10	80
	180x22.23		983885	983890	983895	983900	983905	983910	983915	10	80
	100 x16		-	983290	-	983300	983305	-	983315	10	120
	115x22.23	_	983445	983450	983455	983460	983465	983470	983475	10	120
Conical	125x22.23	80	983605	983610	983615	983620	983625	983630	983635	10	120
oomou	150x22.23		-	983770	-	983780	983785	-	983795	10	80
	180x22.23		983925	983930	983935	983940	983945	983950	983955	10	80



100% **ZR**

100% Premium Line

HD High Density

Zirconia

Stock Removal

Lifetime

Product Code : ZXPR22

Abrasive : 100% Zirconia
Backing : Y Poly-Cotton Cloth

Application : Weld grinding, deburring and blending applications for steel and stainless

steel (Inox).

Density : More flap version High Density flap discs are preferred in aggressive

sanding of curved and wide surfaces.



Туре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	100	120	Вох	M. Box
	115x22.23		-	983490	-	983500	983505	-	983515	10	120
Flat	125 x22.23	80	-	983650	-	983660	983665	-	983675	10	120
Tiut	180x22.23		-	983970	-	983980	983985	-	983995	10	80
	115x22.23		-	983530	-	983540	983545	-	983555	10	120
Conical	125 x22.23	80	-	983690	-	983700	983705	-	983715	10	120
Comoun	180x22.23		-	984010	-	984020	984025	-	984035	10	80







Stock Removal

Lifetime

Product Code : CEY51

Density

Abrasive : Ceramic

Backing

: Y Poly-Cotton Cloth Application

: Suitable for hand tools operated with high pressure for stainless steel

(Inox) and high alloy steel.

: Optimum flap version Standard Density flap discs are preferred in high

ре	Dimension (mm)	Peripheral Speed (m/s)	36	40	50	60	80	120	Box	M. Box
	100 x16		984045	984050	984055	984060	984065	984075	10	120
	115x22.23		984125	984130	984135	984140	984145	984155	10	120
Flat	125 x22.23	80	984205	984210	984215	984220	984225	984235	10	120
· iui	150x22.23		984285	984290	984295	984300	984305	984315	10	80
	180x22.23		984365	984370	984375	984380	984385	984395	10	80
	100 x16		984085	984090	984095	984100	984105	984115	10	120
	115x22.23		984165	984170	984175	984180	984185	984195	10	120
Conical	125 x 22.23	80	984245	984250	984255	984260	984265	984275	10	120
Cornoai	150x22.23		984325	984330	984335	984340	984345	984355	10	80
	180x22.23		984405	984410	984415	984420	984425	984435	10	80





Fibre Discs





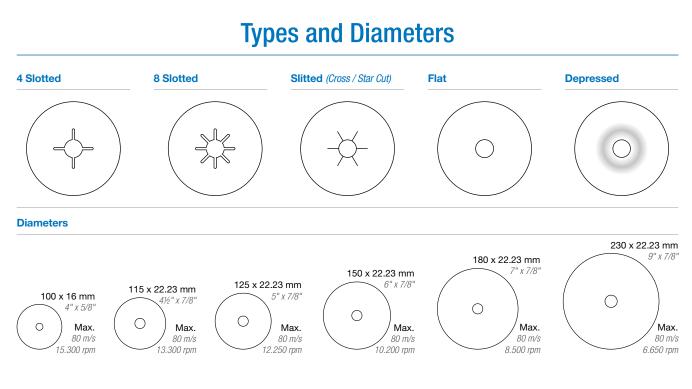
Product Category Information

Karbosan fibre discs are offered in various types to meet different application needs. Fibre discs are served with a total of 6 different types of Silicon Carbide, Aluminum Oxide, Zirconium and Ceramic abrasives. Generally from 16 grit to 120 grit, from 100mm diameter to 230mm diameter, with various types such as 4 slotted, 8 slotted, flat and depressed.

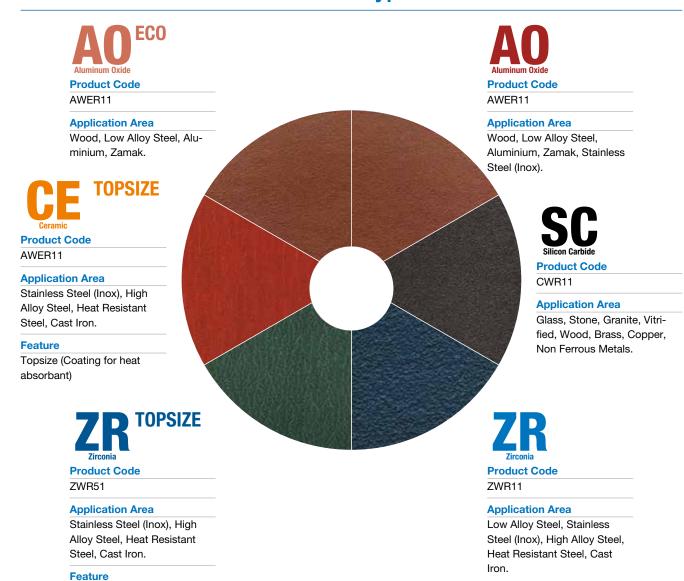
Abrasive	Product Code	Backing	Feature
Aluminum Oxide	AWER11		Ideal for sanding metal, aluminium, zamak and wood materials, having economic vulcanized fibre backing and Aluminum Oxide abrasive grains.
Aluminum Oxide	AWR11		Ideal for sanding low alloy steel, stainless steel (Inox), aluminium, zamak anda wood materials, having standard vulcanized fibre backing and aggressive Aluminum Oxide abrasive grains.
SC Silicon Carbide	CWR11	Vulcanized	Ideal for sanding non ferrous metals, glass, stone, granite, ceramic and wood materials, having standard vulcanized fibre backing and Silicon Carbide abrasive grains.
ZR Zirconia	ZWR11	Fibre	Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel, heat resistant steel and cast iron materials having standard vulcanized fibre backing and aggressive Zirconia abrasive grains.
ZR TOPSIZE	ZWR51		Ideal for sanding stainless steel (Inox), high alloy steel and heat resistant steel and cast iron materials, having standard vulcanized fibre backing and aggressive Zirconia abrasive grains, also heat absorbant Topsize.
TOPSIZE Ceramic	CER51		Ideal for sanding stainless steel (Inox), high alloy steel and heat resistant steel and cast iron materials, having thicker vulcanized fibre backing and aggressive Ceramic abrasive grains, also heat absorbant Topsize.

Application and Performance Table





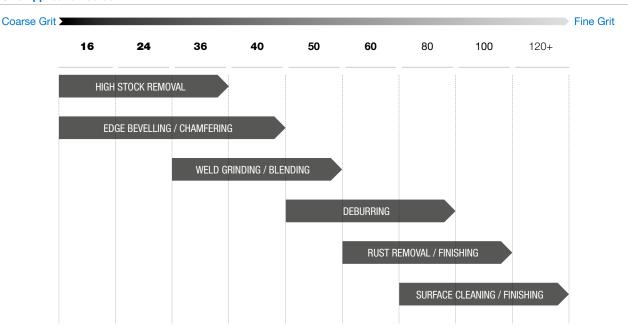
Product Types



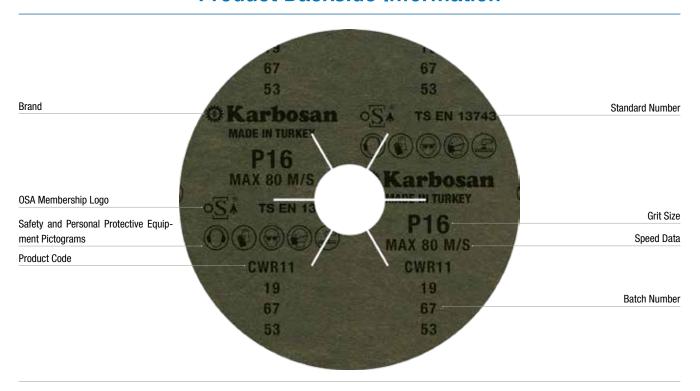
Grit Size Application Guide

absorbant)

Topsize (Coating for heat

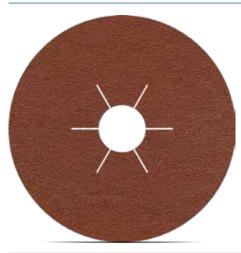


Product Backside Information





Aluminum Oxide Eco Fibre Discs



Aluminum Oxide

Stock Removal

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Lifetime

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Product Code : AWER11

Abrasive : Aluminum Oxide
Backing : Vulcanized Fibre

Grit Range : 16-120

Application : Wood, Non Ferrous Metals, Aluminium, Zamak

уре	Dimension (mm)	16	24	36	40	50	60	80	100	120	Вох	M. Box
	100 x16	985789	985795	985801	985806	985812	985818	985824	985830	985836	50	200
	115x22.23	985790	985796	903897	985807	985813	985819	985825	985831	985837	50	200
	125 x22.23	985791	985797	985802	985808	985814	985820	985826	985832	985838	50	200
	150x22.23	985792	985798	985803	985809	985815	985821	985827	985833	985839	50	200
4 Slotted	180x22.23	985793	985799	985804	985810	985816	985822	985828	985834	985840	50	200
	230 x22.23	985794	985800	985805	985811	985817	985823	985829	985835	985841	50	200
	100 x16	985896	985902	985908	985914	985920	985926	985932	985938	985944	50	200
	115x22.23	985897	985903	985909	985915	985921	985927	985933	985939	985945	50	200
\Rightarrow	125x22.23	985898	985904	985910	985916	985922	985928	985934	985940	985946	50	200
	150x22.23	985899	985905	985911	985917	985923	985929	985935	985941	985947	50	200
Slitted	180x22.23	985900	985906	985912	985918	985924	985930	985936	985942	985948	50	200
	230 x22.23	985901	985907	985913	985919	985925	985931	985937	985943	985949	50	200
	100 x16	985950	985955	985959	985963	985968	985974	985978	985982	985986	50	200
	115x22.23	958562	958563	958564	958565	985969	958566	958567	958568	958569	50	200
	125x22.23	985951	985956	985960	985964	985970	985975	985979	985983	985987	50	200
	150x22.23	985952	985957	985961	985965	985971	985976	985980	985984	985988	50	200
Flat	180x22.23	985953	958719	958720	985966	985972	958721	958722	958723	958724	50	200
	230x22.23	985954	985958	985962	985967	985973	985977	985981	985985	985989	50	200



Aluminum Oxide Fibre Discs



Stock Removal Lifetime

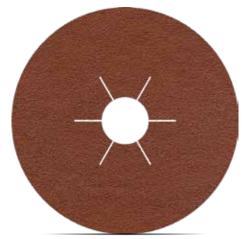
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Product Code : AWR11

Abrasive : Aluminum Oxide
Backing : Vulcanized Fibre

Grit Range : 16-320

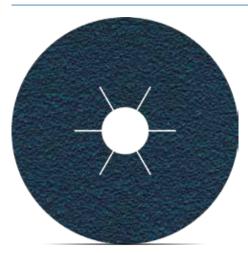
Application : Wood, Low Alloy Steel, Aluminium, Zamak, Stainless Steel (Inox)



Туре	Dimension (mm)	16	24	36	40	50	60	80	100	120	150	180	220	240	280	320	Вох	M. Box
	100 x16	984500	958101	958102	984507	958103	984512	984515	984518	984521	984524	984528	984533	984537	984541	984547	50	200
	115x22.23	958133	958134	958135	958136	958137	958138	958139	958140	958141	958142	958143	958144	958145	984542	958146	50	200
	125 x22.23	904957	958209	958210	958211	912822	958212	958213	958214	958215	984525	984529	984534	984538	984543	984548	50	200
A Olette d	150x22.23	984501	984503	984505	984508	984510	984513	984516	984519	984522	984526	984530	984535	984539	984544	984549	50	200
4 Slotted	180x22.23	910577	912824	958271	958272	912113	958273	958274	958275	958276	958277	984531	958278	958279	984545	984550	50	200
	230 x22.23	984502	984504	984506	984509	984511	984514	984517	984520	984523	984527	984532	984536	984540	984546	984551	50	200
	100 x16	980141	980142	980143	980144	912688	980145	980146	984651	980147	984655	984657	984660	984663	984667	984673	50	200
	115x22.23	922310	922320	922330	922340	922350	922360	922370	922290	922380	980209	980210	980211	980212	984668	980213	50	200
	125 x22.23	922390	922400	922410	922420	922430	922440	922450	922270	922460	958361	958362	958363	958364	984669	958365	50	200
Olithand	150x22.23	958385	958386	958387	958388	984647	958389	958390	984652	958391	922250	984658	984661	984664	984670	984674	50	200
Slitted	180x22.23	922470	922480	922490	910195	922510	968132	922530	922280	922540	958439	922260	958440	984665	984671	958441	50	200
	230 x22.23	984643	984644	984645	984646	984648	984649	984650	984653	984654	984656	984659	984662	984666	984672	984675	50	200
	100 x16	966766	958475	958476	958477	958478	958479	958480	958481	958482	958483	958484	984681	984684	984687	958485	50	200
	115x22.23	921010	921020	921030	921040	921050	921060	921070	980013	921080	980014	958551	958552	958553	907571	958554	50	200
	125 x22.23	921090	921100	921110	921120	921130	921140	921150	958633	921160	966800	958634	908126	958635	908128	958636	50	200
	150x22.23	966813	958642	958643	966817	966819	958644	966822	958645	958646	958647	958648	984682	984685	984688	984690	50	200
Flat	180x22.23	921170	921180	921190	921200	921210	921220	921230	958705	921240	958706	958707	908220	958709	908279	958710	50	200
	230 x22.23	958767	958768	958769	958770	958771	958772	966866	958773	958774	958775	958776	984683	984686	984689	984691	50	200



Zirconia Fibre Discs





Stock Removal

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Lifetime

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Product Code : ZWR11

Abrasive : Zirconia

Backing : Vulcanized Fibre

Grit Range : 24-120

Application : Low Alloy Steel, Stainless Steel (Inox), High Alloy Steel, Heat Resistant

Steel, Aluminium, Zamak, Cast Iron

уре	Dimension (mm)	24	36	40	50	60	80	100	120	Вох	M. Box
	100 x16	985095	985098	985101	985105	985110	985114	985118	985122	50	200
	115x22.23	922652	958154	958155	922654	958156	958157	958158	904772	50	200
	125 x22.23	923223	958219	958220	985106	958221	958222	968128	985123	50	200
	150x22.23	985096	985099	985102	985107	985111	985115	985119	985124	50	200
4 Slotted	180x22.23	904446	904447	985103	985108	985112	985116	985120	985125	50	200
	230 x22.23	985097	985100	985104	985109	985113	985117	985121	985126	50	200
	100 x16	980148	980149	985181	980150	980151	980152	967502	980153	50	200
	115x22.23	922020	922030	922040	922050	922060	922070	980214	922080	50	200
*	125 x22.23	922100	922110	922120	922130	922140	922150	958366	922160	50	200
	150x22.23	958392	905699	958393	911912	958394	903530	903529	958395	50	200
Slitted	180x22.23	922180	922190	922200	922210	922220	922230	958443	922240	50	200
	230 x22.23	985179	985180	985182	985183	985184	985185	985186	985187	50	200
	100 x16	958496	958497	966780	958498	958499	958500	966779	958501	50	200
	115x22.23	921620	921630	921640	921650	921660	921670	958556	921680	50	200
	125 x22.23	921700	921710	921720	921730	921740	921750	966802	921760	50	200
	150x22.23	958652	958653	966841	966842	966843	966844	966839	966840	50	200
Flat	180x22.23	921780	921790	921800	921810	921820	921830	958714	921840	50	200
	230 x22.23	958780	958781	966886	966887	966888	966889	966884	966885	50	200



Zirconia Topsize Fibre Discs



Stock Removal

Lifetime

Product Code : ZWR51

Abrasive : Zirconia

Backing : Vulcanized Fibre

Grit Range : 24-120

Application : Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron

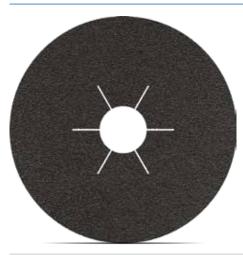
Feature : Topsize (Coating for Heat Absorbant)



Туре	Dimension (mm)	24	36	40	50	60	80	100	120	Вох	M. Box
	100 x16	985240	985244	985248	985253	985259	985264	985269	985275	50	200
	115x22.23	904448	958159	914822	985254	914824	914826	985270	914828	50	200
	125 x22.23	985241	985245	985249	985255	985260	985265	985271	985276	50	200
10111	150x22.23	985242	985246	985250	985256	985261	985266	985272	985277	50	200
4 Slotted	180x22.23	904445	904166	985251	985257	985262	985267	985273	985278	50	200
	230 x22.23	985243	985247	985252	985258	985263	985268	985274	985279	50	200
	100 x16	985336	980154	985341	985344	980155	980156	985350	980157	50	200
	115x22.23	923966	923967	923968	980217	923969	923970	923971	923972	50	200
$\stackrel{\times}{\longrightarrow}$	125 x22.23	923974	923975	923976	906076	923977	923978	923979	923980	50	200
	150x22.23	985337	985339	985342	985345	966205	906369	985351	985353	50	200
Slitted	180x22.23	923982	923983	923984	985346	923985	923986	923987	923988	50	200
	230 x22.23	985338	985340	985343	985347	985348	985349	985352	985354	50	200
	100 x16	966773	966774	966775	966776	966777	966778	966771	966772	50	200
	115x22.23	924059	924060	924061	966787	924062	924063	924064	924065	50	200
	125x22.23	924067	924068	924069	966801	924070	924071	924072	924073	50	200
	150x22.23	966834	966835	966836	966837	966201	966838	966832	966833	50	200
Flat	180x22.23	924075	924076	924077	966850	924078	924079	924080	924081	50	200
	230 x22.23	966878	966879	966880	966881	966882	966883	966876	966877	50	200



Silicon Carbide Fibre Discs



SC Silicon Carbide

Stock Removal

••000

Lifetime

••000

Product Code : CWR11

Abrasive : Silicon Carbide
Backing : Vulcanized Fibre

Grit Range : 16-400

Application : Glass, Stone, Granite, Ceramic, Wood, Brass, Copper, Non Ferrous Metals

Туре	Dimension (mm)	16	24	36	40	50	60	80	100	120	150	180	220	240	260	320	400	Вох	M. Box
4 Slotted	100 x16	984776	958104	958105	984789	984791	958106	958107	958108	958109	984810	984816	984822	984828	984834	984840	984846	50	200
	115x22.23	984777	958148	958149	966167	984792	958150	958151	958152	958153	984811	984817	984823	984829	984835	984841	984847	50	200
	125 x22.23	984778	984782	966168	958216	984793	958217	958218	984802	984806	984812	984818	984824	984830	984836	984842	984848	50	200
	150x22.23	984779	984783	984786	906371	984794	984797	984799	984803	984807	984813	984819	984825	984831	984837	984843	984849	50	200
	180x22.23	984780	984784	930776	911125	984795	958280	984800	984804	984808	984814	984820	984826	984832	984838	984844	984850	50	200
	230 x22.23	984781	984785	984788	984790	984796	984798	984801	984805	984809	984815	984821	984827	984833	984839	984845	984851	50	200
Slitted	100 x16	984948	984951	984954	984957	984960	984963	922550	984968	984971	984974	984977	984980	984983	984986	984989	984992	50	200
	115x22.23	923941	923942	923943	923944	923945	923946	923947	924020	923948	924022	924023	924024	924025	924026	924027	924028	50	200
	125 x22.23	923949	923950	923951	923952	923953	923954	923955	924035	923956	924037	924038	924039	924040	924041	924042	924043	50	200
	150x22.23	984949	984952	984955	984958	984961	984964	984966	984969	984972	984975	984978	984981	984984	984987	984990	984993	50	200
	180x22.23	923957	923958	923959	923960	923961	923962	923963	924050	923964	924052	924053	924054	924055	924056	924057	924058	50	200
	230 x22.23	984950	984953	984956	984959	984962	984965	984967	984970	984973	984976	984979	984982	984985	984988	984991	984994	50	200
Flat	100 x16	958486	958487	958488	958489	966770	958490	958491	958492	958493	966768	966769	958494	984997	985000	958495	985005	50	200
	115x22.23	921310	921320	921330	921340	921350	921360	921370	924113	921380	924115	924116	924117	924118	924119	924120	924121	50	200
	125 x22.23	921390	921400	921410	921420	921430	921440	921450	924128	921460	924130	924131	924132	924133	924134	924135	924136	50	200
	150x22.23	958649	958650	966828	966829	966830	966831	958651	966824	966825	966826	966827	984995	984998	985001	985003	985006	50	200
	180x22.23	921470	921480	921490	921500	921510	921520	921530	924143	921540	924145	924146	924147	924148	924149	924150	924151	50	200
	230 x22.23	958777	958778	966872	966873	966874	966875	958779	966868	966869	966870	966871	984996	984999	985002	985004	985007	50	200



Ceramic Fibre Discs

CE TOPSIZE

Stock Removal

Lifetime

Product Code : CER51

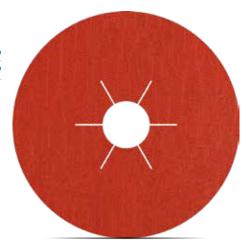
Abrasive : Ceramic

Backing : Vulcanized Fibre

Grit Range : 24-120

Application : Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron

Feature : Topsize (Coating for Heat Absorbant)



Туре	Dimension (mm)	24	36	40	50	60	80	100	120	Вох	M. Box
	100 x16	985417	985420	985423	985428	985434	985436	985440	985445	50	200
4 Slotted	115x22.23	907330	958160	985424	985429	903459	907331	985441	914818	50	200
	125x22.23	907332	968421	920272	985430	968422	906088	912823	905984	50	200
	150x22.23	985418	985421	985425	985431	906370	985437	985442	985446	50	200
	180x22.23	930599	903460	985426	985432	903461	985438	985443	985447	50	200
	230 x22.23	985419	985422	985427	985433	985435	985439	985444	985448	50	200
	100 x16	985505	966342	985508	985510	905023	905706	985514	905707	50	200
	115x22.23	906257	980218	922199	910118	980219	904785	911902	905377	50	200
*	125 x22.23	904846	958368	911904	911906	958369	904847	911908	905708	50	200
	150x22.23	906189	966415	911914	911916	911918	911923	911925	911927	50	200
Slitted	180x22.23	905737	958444	909502	907377	958445	905709	911929	905710	50	200
	230 x22.23	985506	985507	985509	985511	985512	985513	985515	985516	50	200
	100 x16	985523	903806	985527	985530	903807	985535	985538	985541	50	200
	115x22.23	924083	924084	924085	924318	924086	924087	924088	924089	50	200
Flat	125x22.23	924091	924092	924093	985531	924094	924095	924096	924097	50	200
	150x22.23	985524	985526	985528	985532	908939	985536	985539	985542	50	200
	180x22.23	924099	924100	924101	914989	924102	924103	924104	924105	50	200
	230 x22.23	985525	922447	985529	985533	985534	985537	985540	985543	50	200



Hook & Loop Discs



Karbosan hook & loop discs are offered in various types to meet different application needs.



Product Category Information

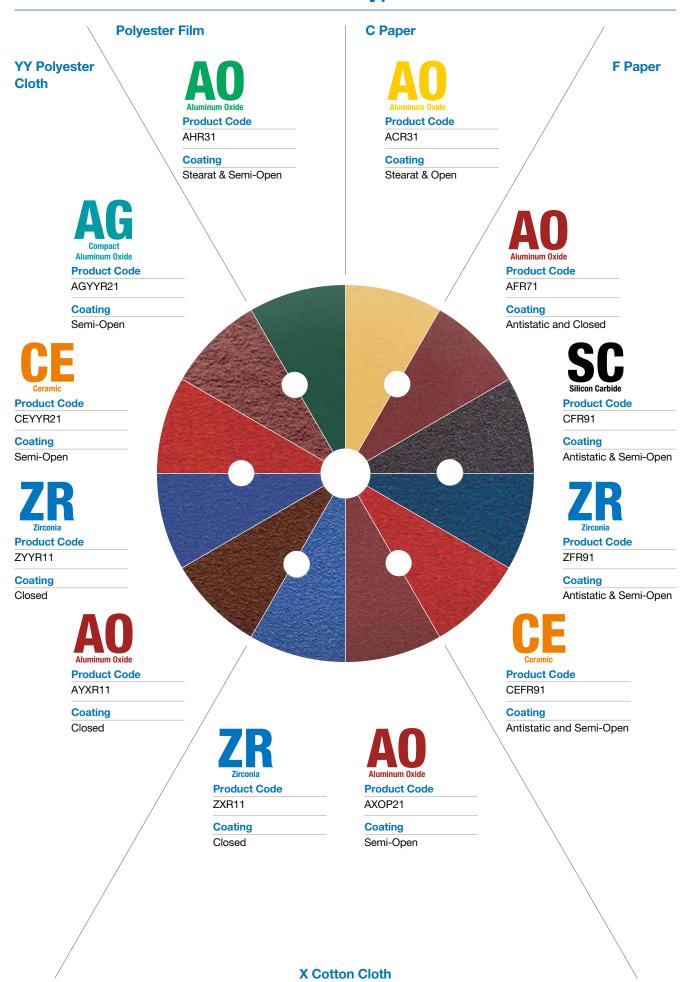
Karbosan hook & loop discs are offered in various types to meet different application needs. Hook & loop discs are served with different types of Silicon Carbide, Aluminum Oxide, Zirconium, Ceramic and Compact Aluminum Oxide abrasives, from 24 grit to 2000 grit, from 100mm diameter to 230mm diameter, with different hole types.

Category	Abrasive	Product Code	Feature	
Polyester Film	Aluminum Oxide	AHR31 NEW	Ideal for sanding various types of surfaces in automotive, paint, marine and stainless steel sectors. Polyester film backing and Aluminum Oxide abrasive grains, also with anti-clogging Stearate and semi open coating. Suitable for dry and wet applications. Tear resistant.	
C Paper	Aluminum Oxide	ACR31 NEW	Ideal for sanding undercoated, painted and varnished surfaces in wood, automotive, paint and marine sectors. C weight paper backing and Aluminum Oxide abrasive grains, also with anti-clogging Stearate and open coating.	
	Aluminum Oxide	AFR71	Ideal for sanding wood, low alloy steel and stainless steel (Inox) materials, having F weight paper backing and Aluminum Oxide abrasive grains, also antistatic and closed coating.	
F Paper	SC Silicon Carbide	CFR91	Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous metals, having F weight paper backing and Silicon Carbide abrasive grains, also antistatic and semi-open coating.	
. i upo	ZR Zirconia	ZFR91	Ideal for sanding low alloy steel, stainless steel (lnox), high alloy steel, aluminium, zamak and wood materials, having F weight paper backing and Zirconia abrasive grains, also antistatic and semiopen coating.	
	Ceramic	CEFR91	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak and wood materials, having F weight paper backing and Ceramic abrasive grains, also antistatic and semi-open coating.	
	Aluminum Oxide	AXOP21	Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metals, having X weight cotton cloth backing and Aluminum Oxide abrasive grains, also semi-open coating.	
X Cotton Cloth	ZR Zirconia	ZXR11	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak and wood materials, having X weight cotton cloth backing and Zirconia abrasive grains, also closed coating.	
	Aluminum Oxide	AYXR11	Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metals, having YY weight polyester cloth backing and Aluminum Oxide abrasive grains, also closed coating.	
YY Polyester	ZR Zirconia	ZYYR11	Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak, cast iron and wood materials, having YY weight polyester cloth backing and Zirconia abrasive grains, also closed coating.	
Cloth	Ceramic	CEYYR21	Ideal for sanding wood, brass, copper and non ferrous metals, having YY weight polyester cloth backing and Ceramic abrasive grains, also semi-open coating.	
	AG Compact Aluminum Oxide	AGYYR21	Ideal for polishing and finishing low alloy steel, stainless steel, high alloy steel and heat resistant steel, having YY weight polyester cloth backing and Compact Aluminum Oxide abrasive grains, also semi-open coating.	

Application and Performance Table

PerfectSuitablePossible		p	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Copper / Non Ferrous Metal	Paint / Varnish / Lacquer	Plastic / Rubber / Leather	Cast Iron	Glass / Stone / Granite / Vitrified
Category	Abrasive	Wood	Low	Stail	High	Alun	Bras	Pain	Plastic / Leather	Cast	Glas /Vit
Polyester Film	AD AHR31 Aluminum Oxide	•	••	•••	•	•	••	•••			
C Paper	ACR31 Aluminum Oxide	•••	•				•	•••	•••		
	AFR71 Aluminum Oxide	•••	•	•							
	SC Silicon Carbide	••				•	•	•	•••		•••
F Paper	ZR ZFR91	•	••	••	•	•					
	CEFR91 Ceramic	•	••	•••	•••	•					
X Cotton	AXOP21 Aluminum Oxide	•••	•	•		•	•	•	•		
Cloth	ZR ZXR11	•	••	•••	••	•					
	AVXR11 Aluminum Oxide	•••	•	•			•	•	•		
YY Polyester	ZR ZYYR11	•	••	•••	•••	•			•	•	
Cloth	CEYYR21 Ceramic	•••	•	•	•		••	••			
	AGYYR21 Compact Aluminum Oxide		••	•••	•••	•	•			•	

Product Types



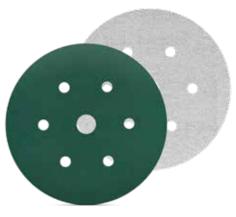
Types and Diameters

	No Hole	6 Holes	7 Holes	8 Holes	9 Holes	15 Holes	17 Holes	Star Shaped Hole
Disc Diameters		(o o o o o o o o o o o o o o o o o o o	0 0 0 0 0	0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °				(\rightarrow)
100 mm 4"	•							
115 mm 4½"	•							
125 mm 5"	•			•	•			
150 mm <i>6"</i>	•	•	•	•	•	•	•	•
178 mm 7 1/64"	•							•
180 mm 7"	•							
200 mm 7 7/8"	•							
225 mm 8"	•							
230 mm <i>g</i> "	•							

Hole Diameters

Outer Diameter (mm)	Hole Status	Hole in The Middle (mm)	Inner Hole Circle Diameters (mm)	Number of Hole in The Inner Hole Circle (piece)	Diameter of The Hole in The Inner Hole Circle (mm)	Outher Hole Circle Diameter (mm)	Number of Holes in The Outer Hole Circle (piece)	Diameter of The Holes in The Outer Hole Circle (mm)
125	8 Holes		65	8	10			
125	9 Holes	11	65	8	10			
150	6 Holes		80	6	10			
150	7 Holes	18	80	6	10			
150	8 Holes		65	8	10			-
150	9 Holes	18	120	8	9,5			
150	15 Holes	17	80	6	9	120	8	9
150	17 Holes	10	65	8	8	120	8	10
178	Star Shaped Hole	22						

Polyester Film Hook & Loop Discs







Product Code : AHR31

Abrasive : Aluminum Oxide
Backing : Polyester Film

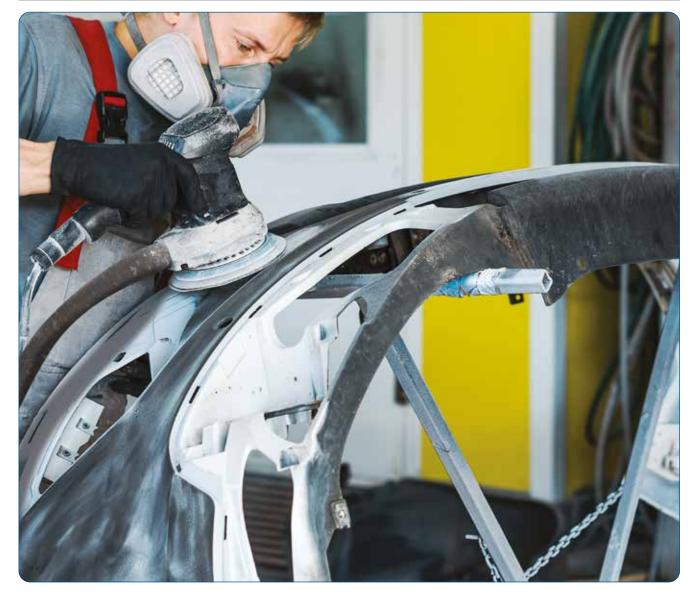
Grit Range : 40-2000

Application : Ideal for sanding various types of surfaces in automotive, paint, marine

and stainless steel sectors.

Feature : Stearate and semi-open coating.

Туре	Dimension (mm)	40	60	80	100	120	150	180	220	240	260	320	400	500	600	800	1000	1200	1500	2000
	115	954450	954456	954460	954426	954430	954434	954436	954440	954442	954444	954446	954448	954452	954454	954458	954424	954428	954432	954438
No Hole	125	961607	961610	961612	961595	961597	961599	961600	961602	961603	961604	961605	961606	961608	961609	961611	961594	961596	961598	961601
	150	961623	961624	961626	961614	961616	961618	961619	961621	960451	961622	960452	960453	954386	960454	961625	961613	961615	961617	961620
6 Holes	150	961640	961643	961645	961628	961630	961632	961633	961635	961636	961637	961638	961639	961641	961642	961644	961627	961629	961631	961634
7 Holes	150	954413	954417	954421	954390	954394	954398	954400	954404	954406	954408	954422	954411	975000	954415	954419	954388	954392	954396	954402







Product Code : ACR31

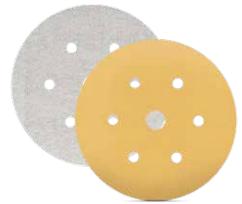
Abrasive : Aluminum Oxide

Backing : C Paper Grit Range : 40-1200

Application : Ideal for sanding undercoated, painted and varnished surfaces in wood,

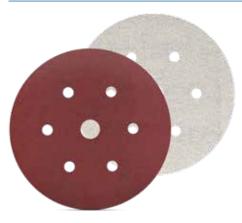
automotive, paint and marine sectors.

Feature : Stearate and open coating.



Туре	Dimension (mm)	40	60	80	100	120	150	180	220	240	260	320	400	500	600	800	1000	1200
	115	961658	961661	961663	961648	961650	961651	961652	961653	961654	961655	961656	961657	961659	961660	961662	961647	961649
No Hole	125	961675	961678	961680	961665	961667	961668	961669	961670	961671	961672	961673	961674	961676	961677	961679	961664	961666
	150	961689	961691	961693	961682	961684	961685	961686	961687	960447	961688	960448	960449	961690	960450	961692	961681	961683
6 Holes	150	961705	961708	961710	961695	961697	961698	961699	961700	961701	961702	961703	961704	961706	961707	961709	961694	961696
7 Holes	150	954484	954490	954494	954464	954468	954471	954472	954474	954476	954478	954480	954482	954486	954488	954492	954462	954466







Product Code : AFR71

Abrasive : Aluminum Oxide

Backing : F Paper Grit Range : 40-600

Application : Ideal for sanding wood, low alloy steel and stainless steel (Inox) materials.

Feature : Antistatic and closed coating.

Туре	Dimension (mm)	40	50	60	80	100	120	150	180	220	240	260	320	400	500	600
	115	945332	914736	945333	944645	945641	945330	945642	945643	945644	924802	945645	945646	945647	945648	945649
	125	910868	945744	910875	910877	910857	910858	910859	910864	945741	910865	945742	910866	910867	945743	910869
	150	910917	945928	910919	910925	910904	910905	910906	910907	911648	910908	910909	910914	910915	945927	932457
	178	947547	914786	932149	932150	920389	947540	947541	947542	947543	947544	947545	947546	924505	947548	947549
Natio	180	932249	947585	932250	932251	932326	932327	947578	932252	947579	947580	947581	947582	947583	947584	947586
No Hole	200	930996	947614	922227	922228	922226	923280	947606	947607	947608	947609	947610	947611	947612	947613	947615
	225	947634	947636	947638	914797	914795	914796	947627	947628	947629	947630	947631	947632	947633	947635	947637
	230	947646	947648	947650	914987	947639	914984	947640	947641	914986	947642	947643	947644	947645	947647	947649
6 Holes	150	911275	945988	911276	911277	911279	911282	911283	914766	911284	914767	914768	914769	914772	945987	945989
7 Holes	150	920829	947158	923512	923514	923508	920830	923510	930643	930644	947156	947157	930646	930648	930651	930649
8 Holes	125	920439	945811	921506	914745	923516	914743	923518	914744	923520	920435	945809	930642	920437	945810	945812
O Holoo	125	910889	945893	910892	910893	923257	910888	945885	945886	945887	945888	945889	945890	945891	945892	945894
9 Holes	150	910986	947507	910988	910991	910975	910976	910977	910978	947504	910979	910983	910984	910985	947505	947508
15 Holes	150	932768	945956	930929	930933	945951	932832	945952	930934	945953	947655	945954	920928	930937	945955	945957
17 Holes	150	932447	945974	932448	932449	932450	932451	932452	932453	945970	932454	945971	932455	945972	945973	945975
Star Shaped Hole	178	921193	947567	921195	921197	921188	921191	947559	947560	947561	947562	947563	947564	947565	947566	947568





Product Code : CFR91

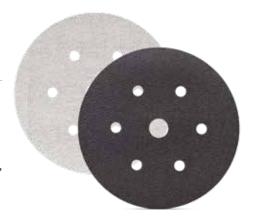
Abrasive : Silicon Carbide

Backing : F Paper Grit Range : 36-400

Application : Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak,

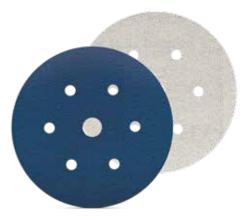
brass, copper and non ferrous metals.

Feature : Antistatic and semi-open coating.



Гуре	Dimension (mm)	36	40	50	60	80	100	120	150	180	220	320	400
	115	945637	931054	920129	931056	931057	920125	931058	931439	945636	931443	931444	920127
	125	945732	947652	945734	944532	944533	945727	944534	945728	945729	945730	945731	945733
	150	914752	914753	914754	914755	914756	914748	914749	945917	945918	945919	945920	945921
No Hole	178	914783	922091	914784	913996	913998	914782	922088	947526	947527	947528	947529	920133
	200	947603	920034	947605	920036	920038	930995	947598	947599	947600	947601	947602	947604
6 Holes	150	-	922048	922051	922053	922055	922042	922044	945976	945977	945978	945979	945980
7 Holes	150	-	946990	946991	947003	947004	946001	946436	946981	946982	946984	946985	946989
8 Holes	125	-	922033	922035	922037	922039	922026	922028	945804	945805	945806	945807	945808
o noies	150	-	947493	947494	947495	947496	947485	947486	947487	947488	947489	947490	947492
O Holoo	125	-	945881	945882	945883	945884	945820	945821	945822	945823	945824	945825	945880
9 Holes	150	-	914776	914777	914778	914779	914774	914775	947497	947498	947499	947500	947503
15 Holes	150	-	945947	945948	945949	945950	945941	945942	945943	945944	945945	920929	945946







Product Code : ZFR91
Abrasive : Zirconia
Backing : F Paper
Grit Range : 24-400

Application : Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel,

aluminium, zamak and wood materials.

Feature : Antistatic and semi-open coating.

Туре	Dimension (mm)	24	36	40	50	60	80	100	120	150	180	220	240	280	320	400
	115	921529	921532	921322	924193	915598	921323	921527	921324	923015	945651	945652	945653	945654	945655	945656
	125	924194	924195	924196	924197	924198	922937	922925	922927	922929	922931	945746	922933	945747	922935	945748
	150	922690	922691	922222	914757	914759	914762	922692	923205	923031	945931	945932	945933	945934	945935	945936
	178	930448	923131	930453	914787	914788	914789	930455	930457	947552	947553	947554	947555	947556	947557	947558
No Hole	180	945320	947595	932253	947597	932255	932256	947587	947588	947589	947590	947591	947592	947593	947594	947596
	200	947621	947624	931983	947626	920392	930585	930587	930589	947617	947618	947619	947620	947622	947623	947625
6 Holes	150	-	-	945998	945999	915368	923022	932779	923017	923019	945990	945991	945992	945994	945995	945997
7 Holes	150	-	-	947473	947474	947475	947476	947461	947462	947463	947464	947465	947466	947468	947469	947472
9 Holes	125	-	-	945905	945906	945907	945908	944635	945895	945896	945897	945898	945899	945901	945902	945904
э поіеѕ	150	-	-	923127	923129	922708	922710	922706	947509	947510	947511	947512	947513	947515	947516	947518
15 Holes	150	-	-	922223	945969	924384	924385	924386	924387	945961	945962	945963	945964	945966	945967	945968
Star Shaped Hole	178	-	-	915332	947577	915344	915334	924298	915330	947570	947571	947572	947573	947574	947575	947576



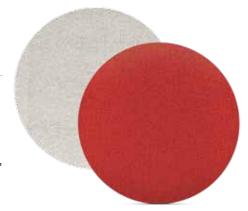


Product Code : CEFR91
Abrasive : Ceramic
Backing : F Paper
Grit Range : 24-220

Application : Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel,

low alloy steel, aluminium, zamak and wood materials.

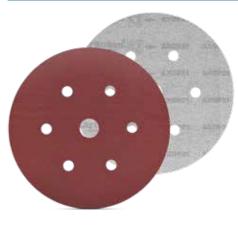
Feature : Antistatic and semi-open coating.



Туре	Dimension (mm)	24	36	40	50	60	80	100	120	150	180	220
	115	945631	945632	945633	945634	945635	947651	945629	945630	952243	952244	952245
	125	945719	945720	945721	945722	944670	944669	945717	945718	952831	952832	952833
Nation	150	945911	945912	945913	931777	945914	931003	945909	945910	952213	952214	952834
No Hole	178	947521	947522	947523	932797	947524	947525	947519	947520	952212	952211	952835
9 Holes	150	-	-	947711	947878	947879	947710	947880	947881	952215	952216	952803
15 Holes	150	-	-	947712	952847	952848	947713	952849	952850	952851	952852	952853
Star Shaped Hole	150	-	-	950948	950949	950950	950951	950952	950953	952854	952855	952856



X Cotton Cloth Hook & Loop Discs





Product Code : AXOP21

Abrasive : Aluminum Oxide

Backing : X Standard Cotton Cloth

Grit Range : 24-400

Application : Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, cop-

per and non ferrous metals.

Feature : Semi-open coating.

уре	Dimension (mm)	40	60	80	100	120	150	180	220	240	280	320
	115	930865	930866	930868	931059	931063	944689	945475	945638	945639	945640	945476
	125	945739	945740	944535	945735	944536	945736	921152	944537	945737	945738	944538
	150	944857	921429	944858	944859	944860	932344	945922	945923	945924	945925	945926
N 11 1	178	947538	914785	947539	947530	947531	947532	947533	947534	947535	947536	947537
No Hole	200	952028	951357	951358	951359	951360	951361	951361	951549	951363	952029	952030
	230	952031	951364	951365	951366	951367	951368	951369	952032	952033	952034	952035
6 Holes	150	944856	923454	923456	947656	945981	945982	945983	945470	945984	945985	945986





Product Code : ZXR11

Abrasive : Zirconia

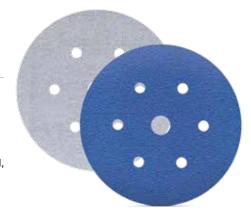
Backing : X Heavy Cotton Cloth

Grit Range : 24-120

Application : Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel,

low alloy steel, aluminium, zamak and wood materials.

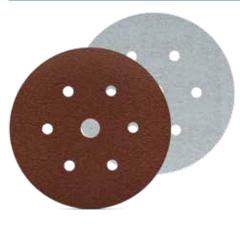
Feature : Closed coating.



Туре	Dimension (mm)	36	40	50	60	80	100	120
	115	915509	920385	945650	920387	920388	910829	910833
	125	924939	924940	945745	910885	910887	910878	910879
	150	910938	910945	910946	910949	910955	910928	910933
No Hole	178	911045	911049	911053	911056	911064	911036	911038
	200	932128	930856	930854	911065	923221	930857	930858
7 Holes	150	-	947407	947458	947459	947460	947339	947351
8 Holes	125	-	945816	945817	945818	945819	945813	944818
9 Holes	150	-	910994	910995	910996	910997	910992	910993
15 Holes	150	-	921206	945960	921208	921211	921199	921202
Star Shaped Hole	178	-	921166	947569	921168	921171	921157	921159



YY Polyester Cloth Hook & Loop Discs





Product Code : AYXR11

Abrasive : Aluminum Oxide

Backing : YY Polyester Cloth

Grit Range : 16-600

Application : Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, cop-

per and non ferrous metals.

Feature : Closed coating.

Туре	Dimension (mm)	36	40	50	60	80	100	120
No Hole	125	945752	944667	945753	944668	945754	945749	945750
NO HOIE	150	945939	944740	945940	944741	944745	945937	944746





Product Code : ZYYR11

Abrasive : Zirconia

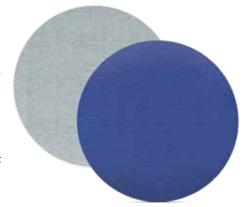
Backing : YY Polyester Cloth

Grit Range : 24-120

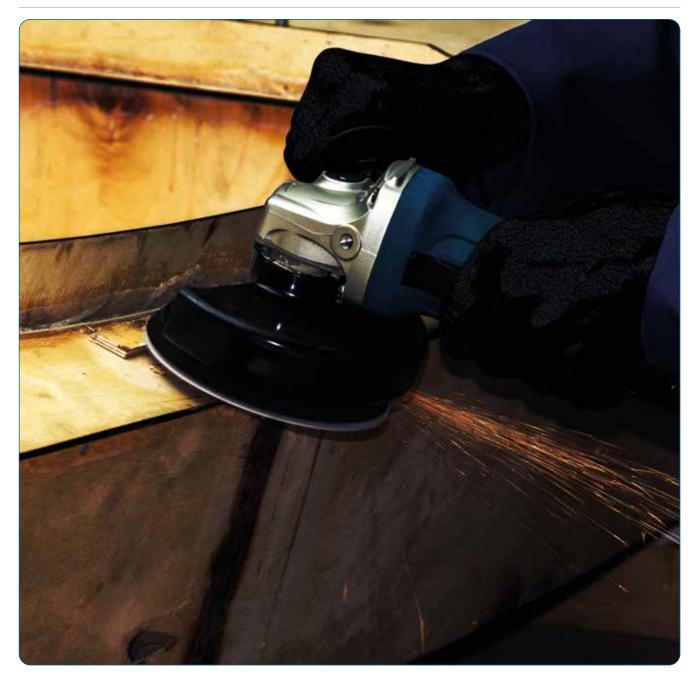
Application : Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant

steel, low alloy steel, aluminium, zamak, cast iron and wood materials.

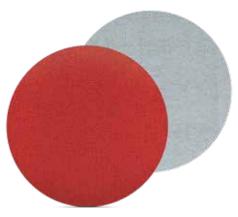
Feature : Closed coating.



Туре	Dimension (mm)	24	36	40	50	60	80	100	120
No Hole	150	947479	947480	947481	947482	947483	947484	947477	947478



YY Polyester Cloth Hook & Loop Discs





Product Code : CEYYR21

Abrasive : Ceramic

Backing : YY Polyester Cloth

Grit Range : 24-120

Application : Ideal for sanding wood, brass, copper and non ferrous metals.

Feature : Semi-open coating.

Туре	Dimension (mm)	24	36	40	50	60	80	100	120
No Hala	125	945724	945725	932742	945726	944531	932798	945723	932743
No Hole	150	945916	923201	923202	923203	930896	930910	945915	930897





Product Code : AGYYR21

Abrasive : Compact Aluminum Oxide

Backing : YY Polyester Cloth

Grit Range : 80-600

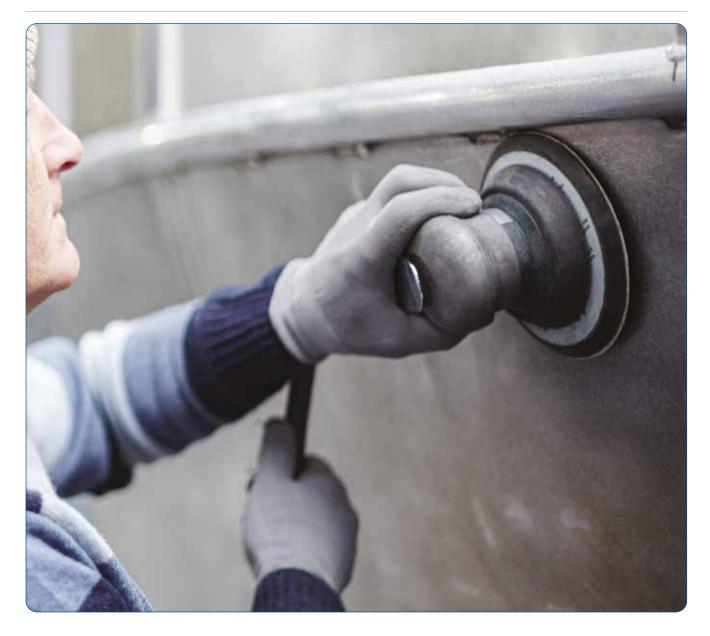
Application : Ideal for polishing and finishing low alloy steel, stainless steel, high alloy

steel and heat resistant steel.

Feature : Semi-Open coating.



Туре	Dimension (mm)	80	120	180	240	320	400	600
	115	954146	954147	954148	954149	954150	954151	954152
	125	954153	954154	954155	954156	954157	954158	954159
Madda	150	953835	954160	954161	953836	954162	954163	954164
No Hole	178	954165	954166	954167	954168	954169	954170	954171



Sheets and Sponge



Karbosan sheets and sponges are offered in various types for sanding sensitive surfaces.



Latex AO Waterproof Sandpaper



Abrasive

Backing Bond

Feature

Bond Grit Range : Aluminum Oxide

: Latex C Paper

: Resin Over Resin

: 60-1000

: Suitable for automotive, wood, all kinds of paint, lining, putty and laboratory work, sanding sensitive surfaces with hand or machine. Flexible and high sanding performance combined with wet or dry workability.

Latex SC Waterproof Sandpaper



Abrasive

Backing Bond

Grit Range Feature : Silicon Carbide

: Latex C Paper

: Resin Over Resin

: 60-1000

: Suitable for sanding sensitive surfaces in marble, automotive, wood, all kinds of paint, lining, putty and laboratory work with hand or machine. Flexible and high sanding performance combined with wet or dry workability.



Non-Woven Sheet

Suitable for automotive, wood, all kinds of paint, lining, putty and laboratory work, sanding sensitive surfaces with hand or machine. Flexible and high sanding performance combined with wet or dry workability.

Dimension (mm)	Article	Вох	
230×280	915378	10	



Sponge Abrasive

Grit Range

: 60-1000

Feature

: Suitable for sanding of metal, wood, wall, hard plastic and similar materials. It is an alternative to waterproof sandpaper. Long-lasting, convenient for hand use, has the ability to be washed repeatedly with water.

Dimension (mm)	Grain	Article	Вох
100×68×27	60	980011	1
100×68×27	80	980012	1
100x68x27	100	980001	1
100x68x27	120	980002	1
100x68x27	150	980003	1
100×68×27	180	980004	1

Dimension (mm)	Grain	Article	Вох
100×68×27	220	980005	1
100×68×27	240	980006	1
100×68×27	280	980007	1
100×68×27	320	980008	1
100×68×27	360	980009	1
100×68×27	400	980010	1





Flap Wheels





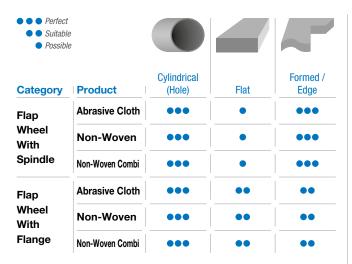
Product Types

Karbosan flap wheels are offered in various types to meet different application needs. Flap wheels are served with a total of 25 different types under product groups of Shaft, Flanged, Keyway, Flap Type and Threaded. Other than the standard types, flap wheels are also specially offered according to customer demands, applications and operation methods.

Category	Product	Material	Quality	
	Abrasive Cloth	Abrasive Cloth	AXFR11	-
Flap Wheel With Spindle	Non-Woven	Non-Woven	A Fine	-
	Non-Woven Combi	Abrasive Cloth and Non-Woven	AXFR11 & A Fine	-
	Abrasive Cloth	Abrasive Cloth	AXFR11	C
Flap Wheel With Flange	Non-Woven	Non-Woven	A Fine	0
	Non-Woven Combi	Abrasive Cloth and Non-Woven	AXFR11 & A Fine	0

Category	Product	Material	Quality	
	Abrasive Cloth	Abrasive Cloth	AXFR11	•
Keyway Flap Wheel	Non-Woven	Non-Woven	A Fine	
	Non-Woven Combi	Abrasive Cloth and Non-Woven	AXFR11 & A Fine	0)
	Non-Woven	Non-Woven	A Fine	0
Flap Type Flap Wheel	Non-Woven Combi	Abrasive Cloth and Non-Woven	AXFR11 & A Fine	0
	Unitized	Non-Woven	Silicon Carbide	
	Abrasive Cloth	Abrasive Cloth	AXFR11	•
Threaded Flap Wheel	Non-Woven	Non-Woven	A Fine	•
	Non-Woven Combi	Abrasive Cloth and Non-Woven	AXFR11 & A Fine	•

Application and Performance Table



				T
Category	Product	Cylindrical (Hole)	Flat	Formed / Edge
V	Abrasive Cloth	•	•••	••
Keyway Flap	Non-Woven	•	•••	••
Wheel	Non-Woven Combi	•	•••	••
	Non-Woven	•	•••	•
Flap Type Flap	Non-Woven Combi	•	•••	•
Wheel	Unitized	•	•••	•
	Abrasive Cloth	•••	•	••
Threaded Flap Wheel	Non-Woven	•••	•	••
3p 1111001	Non-Woven Combi	•••	•	••

Types and Diameters

r (mm)	Width (mm)	-	Wheel Spindle		Flap	Wheel Flange		Keywa	ay Flap	Wheel	Fla	Type Wheel	Flap	Thr	eaded I Wheel	•
Diameter (mm)	Width	Abrasive Cloth	Non-Woven	Non-Woven Combi	Abrasive Cloth	Non-Woven	Non-Woven Combi	Abrasive Cloth	Non-Woven	Non-Woven Combi	Non-Woven	Non-Woven Combi	Unitized	Abrasive Cloth	Non-Woven	Non-Woven Combi
20	10, 15, 20, 25	•	•	•												
25	15, 20, 30	•	•	•												
30	10, 15, 20, 30	•	•	•												
40	10, 15, 20, 30	•	•	•												
50	10, 15, 20, 30	•	•	•												
60	15, 20, 30, 40	•	•	•												
80	15, 20, 30, 40, 50	•	•	•												
100	100							•	•	•						
115	-										•	•	•	•	•	•
165	30, 50				•	•	•									

Flap Wheel With Spindle

Suitable for grinding inner surface of piping, cylindrical parts like fittings and hard to reach profile surfaces. Applied with electrical or pneumatic hand tools; used in abrasive cloth, non-woven or combi version selected according to the surface roughness. General usage in construction and foundry industry.



Abrasive Cloth

Durable and flexible cotton cloth backing with Aluminum Oxide grains. Weld grinding and deburring surfaces in coarse and fine grinding. High stock removal capability and optimum lifetime.

Dimension (mm)	Quality	40	60	80	100	120	150	180	220	240	280	320	400	Вох
20×10	_	915413	915414	915415	955173	915412	955174	955175	955176	955177	955178	955179	955181	20
20x15	_	915419	915420	915421	908020	915416	915417	915418	908021	908023	908061	908062	908064	20
20×20		915423	915425	915426	908070	915422	908071	908072	908073	908075	908076	908077	915424	20
20×25		966011	966012	966013	966009	966010	908106	908107	908108	908110	908111	908112	908114	20
25×15		908156	915432	915433	908120	966017	915430	915431	908121	908123	908124	908125	908157	10
25×20	_	966495	915436	915437	908163	915434	908164	908165	908166	908168	908169	908170	915435	10
25×30		915443	915445	966020	908396	966018	908397	966890	908398	908400	908401	966019	908403	10
30×10		915451	915453	915454	915447	915448	915449	915450	908408	908410	908411	908412	908414	10
30x15	_	915001	915002	915003	915455	915004	915005	915006	915007	915457	907815	915008	915458	10
30×20	_	915009	915010	915011	915462	915012	915013	915014	915015	908551	908552	915016	908554	10
30×30	_	915468	915469	915470	930015	930016	930017	930018	930066	930058	930047	930043	930085	10
40×10		915483	915484	915485	915477	915478	915479	915480	930067	915481	930048	915482	930019	10
40×15	_	915017	915018	915019	915486	915020	915021	915022	915023	915488	908561	915024	908563	10
40×20	- AXFR11	915494	915495	915496	915491	915492	908455	915493	908456	908458	908459	908460	908462	10
40×30	AXIIIII	915503	915504	915505	908468	915500	915501	915502	908469	908471	908472	908473	908475	10
50×10	_	966030	915506	915507	966028	966029	930077	930074	930068	930059	930049	930044	930023	10
50×15	_	915025	915026	915027	915508	915028	915029	915030	915031	908482	908483	915032	908485	10
50×20	_	915033	915034	915035	915512	915036	915037	915038	915039	915515	908491	915040	908493	10
50×30	_	915041	915042	915043	915522	915044	915045	915046	915047	966032	908499	915048	966035	10
60×15	_	915533	915535	915536	915531	915532	908506	908507	908508	908510	908511	908512	908514	10
60×20	_	915541	915542	915543	915537	915538	915539	915540	908519	908521	908522	908523	908525	10
60×30	_	915057	915058	915059	915544	915060	915061	915062	915063	915547	908532	915064	915548	10
60×40	_	915065	915066	915067	908539	915068	915069	915070	915071	908541	908542	915072	908544	10
80x15	_	904293	903725	915554	930083	915553	930078	930075	930069	930063	930053	930045	904398	10
80×20	_	915081	915082	915083	915555	915084	915085	915086	915087	930064	930054	915088	930025	10
80×30	_	915089	915090	915091	915562	915092	915093	915094	915095	930065	930055	915096	930026	10
80×40		970620	970630	915107	915566	915567	930079	930076	930073	915568	930056	930046	930027	10
80×50		915097	915098	915099	930084	915100	915101	915102	915103	915569	930057	915104	930028	10



Flap Wheel With Spindle



Non-Woven

Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.

Dimension (mm)	Quality	Article	Box
20×15		930086	20
20x20		930087	20
20x25		930088	20
25x15		930089	10
25×20		930093	10
25x30		930094	10
30x10		930095	10
30x15		930096	10
30x20		930097	10
30x30		915346	10
40x10		930098	10
40x15		930099	10
40×20		930103	10
40x30	AXFR11	915348	10
50x10		930104	10
50x15		965431	10
50x20		965432	10
50x30		915350	10
60x15		930105	10
60×20		930106	10
60x30		915354	10
60×40		930107	10
80×15		930108	10
80×20		930109	10
80×30		915358	10
80×40		930113	10
80×50		930114	10



Non-Woven Combi

Dimension (mm)	Quality	Article	Box
20x15		930115	20
20×20		930116	20
20x25		930117	20
25x15		930118	10
25×20		930119	10
25×30		930123	10
30x10		930124	10
30x15		930125	10
30x20		930126	10
30×30		915363	10
40×10		930127	10
40x15		930144	10
40×20		930128	10
40×30	AXFR11 & A Fine	915365	10
50x10		930129	10
50x15		930133	10
50×20		965433	10
50x30		915367	10
60x15		930134	10
60×20		930135	10
60x30		915371	10
60×40		930136	10
80x15		930137	10
80x20		930138	10
80x30		915375	10
80×40		930139	10
80×50		930143	10

Flap Wheel With Flange

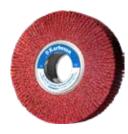
Suitable for grinding wide and cylindrical parts both for inner and outer surfaces. Used in grinding various formed surfaces. Suitable for both fixed and hand tools; used in grinding all types of metal and non-metal.



Abrasive Cloth

Durable and flexible cotton cloth backing with Aluminum Oxide grains. Weld grinding and deburring surfaces in coarse and fine grinding. High stock removal capability and optimum lifetime.

Dimension (mm)	Quality	40	60	80	100	120	150	180	220	240	280	320	400	Вох
165 x30 x45 165 x50 x45	AXFR11				966005									
165 X50 X45		915407	915410	915411	915400	915401	915402	915403	915404	915405	915406	966008	915408	1



Non-Woven

Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.

Dimension (mm)	Quality	Article	Вох	Dimension (mm)	Quality	Article	Вох
165 x30 x25	A Fino	915379	2	165 x50 x25	A Fino	915381	1
165 x30 x45	— A Fine	915380	2	165 x 50 x 45	A Fine	915382	1



Non-Woven Combi

Dimension (mm)	Quality	Article	Вох	Dimension (mm)	Quality	Article	Вох
165 x30 x25	AXFR11 & A Fine	915383	2	165 x50 x25	AXFR11 & A Fine	915385	1
165 x 30 x 45	AAFKII & A FIIIE	915384	2	165 x 50 x 45	AAFKII & A FIIIB	915386	1

Keyway Flap Wheels

It is usually suitable for grinding large areas or formed surfaces, especially on smooth surfaces. Suitable for both fixed and hand tools.

Abrasive Cloth

Durable and flexible cotton cloth backing with Aluminum Oxide grains. Weld grinding and deburring surfaces in coarse and fine grinding. High stock removal capability and optimum lifetime.

Dimension (mm)	Quality	40	60	80	100	120	Вох
100 x100 x19	AXFR11	930145	930146	930147	930148	930149	10



Non-Woven

Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.

Dimension (mm)	Quality	Article	Box	
100 x100 x19	A Fine	915388	2	



Non-Woven Combi

Dimension (mm)	Quality	Article	Box
100 x100 x19	AXFR11 & A Fine	915390	2



Flap Type Flap Wheels

Designed for angle grinding. Used in electrical hand tools. It is usually used to obtain a more delicate surface than surfaces obtained from normal flap discs.



Non-Woven

Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.

Dimension (mm)	Quality	Article	Box
115 x22.23	A Fine	915342	10



Non-Woven Combi

Suitable for surface preparation before polishing. Composed of abrasive cloth with 100 grit and A Fine quality non-woven. Abrasive cloth and non-woven combination allows both aggressive and sensitive grinding.

Dimension (mm)	Quality	Article	Box
115 x22.23	AXFR11 & A Fine	915343	10



Unitized

Suitable for removing paint, dirt and rust.

Dimension (mm)	Abrasive	Article	Box
115 x22.23	Silicon Carbide	955236	10

Threaded Flap Wheels

Suitable for angled and flat use in all hand-held machine. Used for sanding circular inner and flat surfaces.

Abrasive Cloth

Durable and flexible cotton cloth backing with Aluminum Oxide or Zirconia grains. Weld grinding and deburring surfaces in coarse and fine grinding. High stock removal capability and optimum lifetime.

Dimension (mm)	Quality	40	60	80	100	120	150	180	220	240	280	320	400	Вох
115 x 20 x M.14	AXFR11	955237	955238	955239	955240	955241	955242	955243	955244	955245	955246	955247	955249	10
115 x 20 x M.14	7VD44	055050	055054	055050	055050	955254								10



Non-Woven

Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during

Dimension (mm)	Quality	Article	Box
115 x20 xM.14	A Fine	955255	10
115 x30 xM.14	— A Fine	955256	10



Non-Woven Combi

Dimension (mm)	Quality	Article	Вох
115 x20 xM.14	— AXFR11 & A Fine	955257	10
115 x30 xM.14	AAFKII & A FIIIE	955258	10



Quick Lock Discs



Karbosan quick lock discs are available in various specifications for polishing and sanding of small & narrow surfaces.



Product Types

Karbosan quick locked discs are generally used for sanding small and narrow areas. Thanks to easy installation, it increases efficiency by reducing operation time. Suitable for using light, pneumatic or hand-helded machines.

Abrasive	Features	Backing / Quality	Application
AQ Aluminum Oxide	AYXR11	YY Polyester Cloth	Ideal for sanding stainless steel and high alloy steels. YY polyester cloth backing with aggressive Aluminum Oxide abrasive.
ZR Zirconia TOPSIZE	ZYYR51	YY Polyester Cloth	Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron materials. High stock removal and long life with YY polyester cloth backing with 100% Zirconia abrasive, also with friction and heat resistant Top Size coating.
CE Ceramic TOPSIZE	CEYYR51	YY Polyester Cloth	Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron. YY polyester cloth backing with Ceramic abrasive, also with friction and heat resistant Top Size coating.
Aluminum Oxide	Green	Fine / A Very Fine	Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum and other metals.
Aluminum Oxide	Maroon	Medium / A Medium	Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum and other metals.
Aluminum Oxide	Brown	Coarse / A Coarse	Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum and other metals.
SC Silicon Carbide	Silicon Carbide Abrasive	-	Used for pre-weld operation on metal surfaces and soft grinding in paint, rust and oxidation removal.

Application and Performance Table



Dimensions



Aluminum Oxide Quick Lock Discs



AO Aluminum Oxide

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Stock Removal

Lifetime

Product Code : AYXR11

Abrasive : Aluminum Oxide

Backing : YY Polyester Cloth

Grit Range : 16-600

Features : Ideal for sanding stainless steel and high alloy steels. YY polyester cloth

backing with aggressive Aluminum Oxide abrasive.

Dimension (mm)	36	40	50	60	80	100	120	150	180	220	240	280	320	400	Box
50	955263	955264	955265	955266	955267	955268	955269	955270	955271	955272	955273	955274	955275	955276	100
76	955277	955278	955279	955280	955281	955282	955283	955284	955285	955286	955287	955288	955289	955290	100

Zirconia Quick Lock Discs



ZR TOPSIZE

Product Code : ZYYR51

Abrasive : Zirconia

Zirconia

Backing : YY Polyester Cloth

Grit Range : 24-120

Features : Ideal for

: Ideal for sanding stainless steel, high alloy steel, heat resistant steel and cast iron materials. High stock removal and long life with YY polyester cloth backing with 100% Zirconia abrasive, also with friction and heat

resistant Topsize coating.

Dimension (mm)	36	40	50	60	80	100	120	Box
50	955291	955292	955293	955294	955295	955296	955297	100
76	955298	955299	955300	955301	955302	955303	955304	100
			100			Contract of the second		



Ceramic Quick Lock Discs



Product Code : CEYYR51
Abrasive : Ceramic

Backing : YY Polyester Cloth

Grit Range : 24-120

Application : Ideal for sanding stainless steel, high alloy steel, heat resistant steel and

cast iron. YY polyester cloth backing with Ceramic abrasive, also with

friction and heat resistant Top Size coating.



Dimension (mm)	36	40	50	60	80	100	120	Вох
50	955305	955306	955307	955308	955309	955310	955311	100
76	955312	955313	955314	955315	955316	955317	955318	100



Fine Non-Woven Quick Lock Discs





Stock Removal

Lifetime

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Abrasive

: Aluminum Oxide

Colour

: Green

Quality

: Fine / A Very Fine

: Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum

and other metals.

Dimension (mm)	Quality	Article	Вох
50	Fine / A Venu Fine	955319	100
76	Fine / A Very Fine	955320	100

Medium Non-Woven Quick Lock Discs



Aluminum Oxide

Stock Removal Lifetime

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Abrasive

: Aluminum Oxide

Colour

: Maroon

Quality Features

: Medium / A Medium

: Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum and other metals.

Dimension (mm)	Quality	Article	Вох
50	No divers / A No divers	955321	100
76	Medium / A Medium	955322	100

Coarse Non-Woven Quick Lock Discs





Stock Removal Lifetime

• 0 0 0 •000

Abrasive

: Aluminum Oxide

Colour : Brown

Quality : Coarse / A Coarse

Features

: Used for cleaning rust, old coating, machine or pencil traces on metal surfaces. High quality flexible discs are very suitable for obtaining a homogeneous surface. Ideal for stainless steel, carbon alloys, aluminum and other metals.

Dimension (mm)	Quality	Article	Вох	
50	Coarse / A Coarse	955323	100	
76		955324	100	

SC Unitized Quick Lock Discs





Stock Removal Lifetime

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Abrasive

: Silicon Carbide Features

: Used for pre-weld operation on metal surfaces and soft grinding in paint, rust and oxidation removal.

Dimension (mm)	Quality	Article	Вох
50	Ciliaan Cambida	955325	100
76	Silicon Carbide	955326	100

Contact



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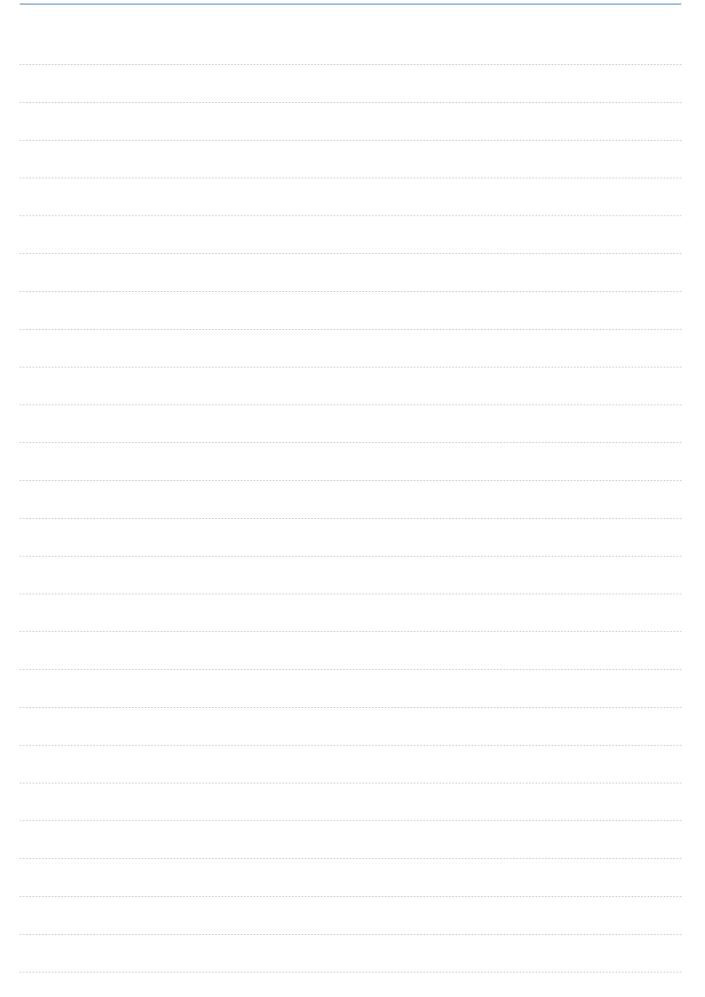
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Notes



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