

PRODUCT CATALOGUE 2019



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

With 52 years of experience in the 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.











Content



1 Company Profile	4	
Numbers & History	6	
Numbers	6	
History	7	
R&D	8	
Production	10	
Quality & Certifications	12	
Quality	12	
Certifications	13	
Sales & Marketing	14	
Strategy	16	
2 Application Areas	18	
Industries	20	
3 Innovation and New Products	22	
New Product with Compact Grain	24	
New Products with Ceramic Abrasive Grains	24	
New Flap Disc Portfolio	25	
New Hook&Loop Discs	25	
New Saw Sharpening Wheel	26	
Rail Cut-Off Discs	26	
New Zirconia Thinline Cut-Off Discs	27	
New Precision Grinding Wheels	27	
4 Products	32	
Bonded Abrasives	34	
Technical Information	36	
Abrasive Grains	36	
Revolution and Peripheral Speed Values	36	
Types	37	
Pictogram and Symbols	38	
Safety Recommendations for Use	39	
Precautions Against Possible Risks		
Technical Table	40	



Organic Bonded Products	42
Cut-Off Discs	44
Technical Information	46
Label Information	46
Specifications Definition	46
Material Pictograms and Colors	47
Types	47
Usage Recommendations and Information	47
Thin Line Cut-Off Discs	48
Metal	48
Stainless Steel (Inox)	49
Aluminium	50
Plus Thin Line Cut-Off Discs	52
Zirconium	52
Cut & Cut	53
Cut-Off Discs	54
Metal	54
Stainless Steel (Inox)	55
Aluminium	56
Cast Iron	57
Marble	58
Plus Cut-Off Discs	59
Industry Metal	59
ZA Cast Iron	60
AC Cast Iron	61
Stationary Machine Cut-Off Discs	62
Metal	62
Cast Iron	63
Petrol Saw Cut-Off Discs	64
Cast Iron	64
Rail Cut-Off Discs	65
Metal	65
Plus Rail Cut-Off Disc	66
Zirconia	66
Cut-Off & Grinding Discs	67
Metal	67
Grinding Discs	68
Technical Information	70
Label Information	70
Specifications Definition	70
Material Pictograms and Colors	71
Туре	71
Usage Recommendations and Information	71
Grinding Discs	72
Metal	72
Stainless Steel (Inox)	73
Cast Iron	74
Aluminium	75
Plus Grinding Discs	76
Metal	76
ZA Cast Iron	77
Grinding Wheels	78
Conical Cup Wheels	80
Flat Cup Wheels	80
Marble & Mosaic Cup Wheels	81
NK Recess Grinding Discs	81
THE HOUSE SHIRING PROCE	- 1



Inorganic Bo	nded Products	82
Grinding Wheels		
Alu	minum Oxide Grinding Wheels	86
SCO	G Diamond Sharpening Wheels	87
Ste	el Grinding Wheels	88
Glas	ss Grinding Wheels	90
Cry	stal Grinding Wheels	91
Alun	ninum Oxide Mosaic Scrubbing Stones	92
Scy	the Sharpener	93
Saw Sharpening		
NK	Saw Sharpening	96
EKF	R Saw Sharpening	97
Tool Sha	rpening	98
For	m D Cup Wheels	100
For	m E Conical Cup Wheels	101
Diamond Blades	S	102
Seg	mented Diamond Blades	104
Thir	line Segmented Diamond Blade	105
Turl	oo Diamond Blades	106
Cor	tinuous Rim Diamond Blades	107
Way	ve Turbo Diamond Blades	108

Content

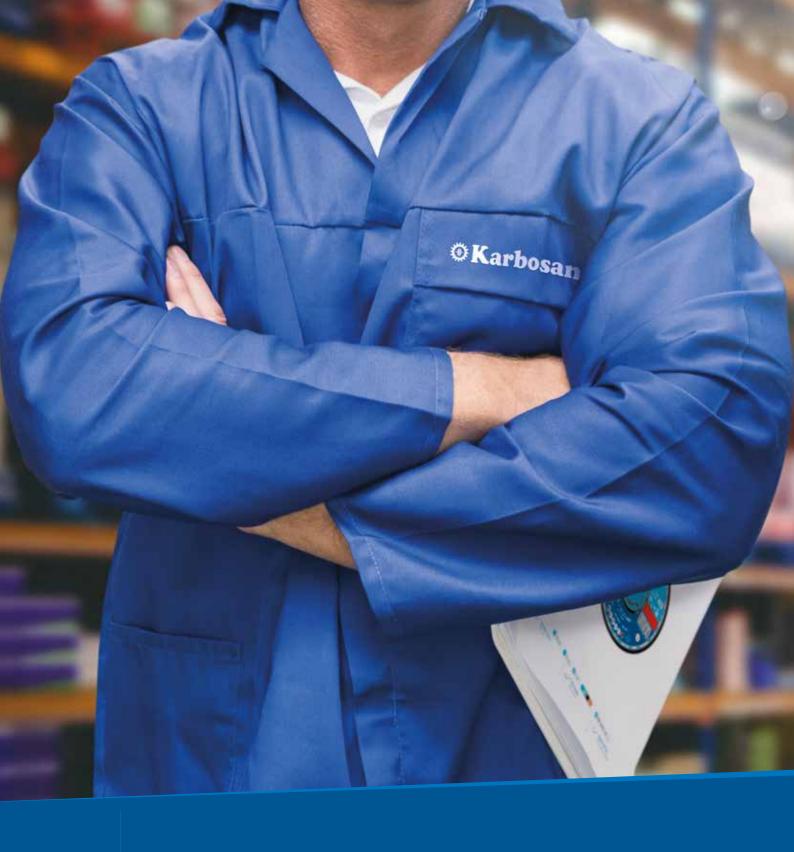
Coated Abrasives	116
Technical Information	118
Abrasive Grains	118
Coating	119
Product Code Information	120
	120
Backings	
Product Selection and Storage Conditions	121
Technical Table	122
Abrasive Belts & Rolls	124
Technical Information	126
Dimensions	126
Joint Forms Safety Pictograms	127 127
F Weight Paper AFR71	128 128
CFR91	129
ZFR91	130
CEFR91	131
J Cotton Cloth	132
AJR11	132
J Flexible Cotton Cloth	133
AJFR11	133
AJFR12	134
J Flexible Poly-Cotton Cloth	135
AJFR10	135
CJFR11	136
CJFR31	137
CEF51	138
X Semi Flexible Cotton Cloth AXFR11	139
	139
X Standard Cotton Cloth	140
AXOP21	140
X Heavy Cotton Cloth AXER11	141
ZXR11	141
X Heavy Poly-Cotton Cloth AXPR11	143
ZXPR11	144
Y Poly-Cotton Cloth	145
ZXPR22	145
CEY51	146
YY Polyester Cloth	147
AYXR11	147
ZYYR11	148
ZYYR51	149
CYXR11	150
CEYYR21	151
CEYYR51	152
AGYYR21	153
Z Polyester Cloth	154
CZR71	154
Vulcanized Fibre	155
AWE11	155
AWR11 CWR11	156 158
ZWR11	159
ZWR51	160
CER51	161

Flap	Discs	162
	Technical Information	164
	Product Category Information	164
	Categories	165
	Densities	165
	Types and Diameters	165
	Advantages of Flap Discs	165
	Product Types	166
	Application and Performance Table	167
	Label Information	167
	Comfort Line Flap Discs	168
	Aluminum Oxide Low Density	168
	Aluminum Oxide Standard Density	169
	Zirconia Low Density	170
	Zirconia Standard Density	171
	Zirconia High Density	172
	Premium Line Flap Diskler	174
	Aluminum Oxide Standard Density	174
	Zirconia Standard Density	176
	Zirconia High Density	177
	Ceramic Standard Density	178
Fibre	Discs	180
	Technical Information	182
	Product Category Information	182
	Application and Performance Table	183
	Types and Diameters	183
	Product Types	184
	Product Backside Information	185
	Silicon Carbide Fibre Discs	186
	Aluminum Oxide Eco Fibre Discs	187
	Aluminum Oxide Fibre Discs	188
	Zirconia Fibre Discs	190
	Zirconia Topsize Fibre Discs	191
	Ceramic Fibre Discs	192





Techi	nical Information	196
	Product Category Information	196
	Application and Performance Table	197
	Product Types	198
	Types and Diameters	199
	Hole Diameters	199
F Pap	per Hook & Loop Discs	200
	Silicon Carbide	200
	Aluminum Oxide	201
	Zirconia	202
	Ceramic	203
X Cot	tton Cloth Hook & Loop Discs	204
	Aluminum Oxide	204
	Zirconia	205
YY Po	olyester Cloth Hook & Loop Discs	206
	Silicon Carbide	206
	Aluminum Oxide	207
	Zirconia	208
	Ceramic	209
et and	d Sponges	210
Shee	t Abrasives	212
	Latex AO Waterproof Sandpaper	212
	Latex SC Waterproof Sandpaper	212
	Non-Woven Sheet	213
Spon	ge Abrasive	213
) Whe	els	214
Techi	nical Information	216
	Product Types	216
	Application and Performance Table	217
	Type and Diameters	217
Flap	Wheel on Shaft	218
	Abrasive Cloth	218
	Non-woven	219
	Combi	219
Flap	Wheel on Flange	220
	Abrasive Cloth	220
	Non-woven	220
	Combi	220
Keyw	vay Flap Wheels	222
	Abrasive Cloth	222
	Non-woven	222
	Combi	222
Flap	Type Flap Wheels	223
	Non-woven	223
	Combi	223
	Notes	224



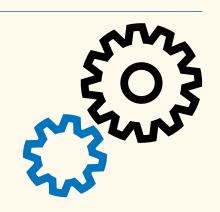
Company Profile

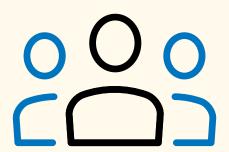


- Numbers & History
- R&D
- Production
- Quality & Certifications
- Sales & Marketing
- Strategy

Numbers

since 1967 producing abrasives years experience

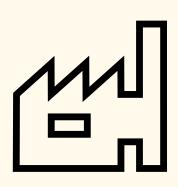




550 employees

exported countries





S K m² closed production area

History

1967 — 1968 • 1969 • 1970 • 1971 • 1972 •

1973 • 1974 • 1975 •

1976 **1977 —**

1978 —
1979 —
1980 —
1981 —
1982 —
1983 —
1984 —

1985 • 1986 •

1988

1989

1987

1990 = 1991 = 1992 = 1993 = 1994 = 1995 = 1996 = 19

1997

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2006

1998

2007 -

2008 - 2009 - 2010 - 2011 - 2012 - 2013 - 2014 - 2015 - 2016 - 2016 - 2008 - 2008 - 2008 - 2016 - 2008 - 20

2018



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 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.

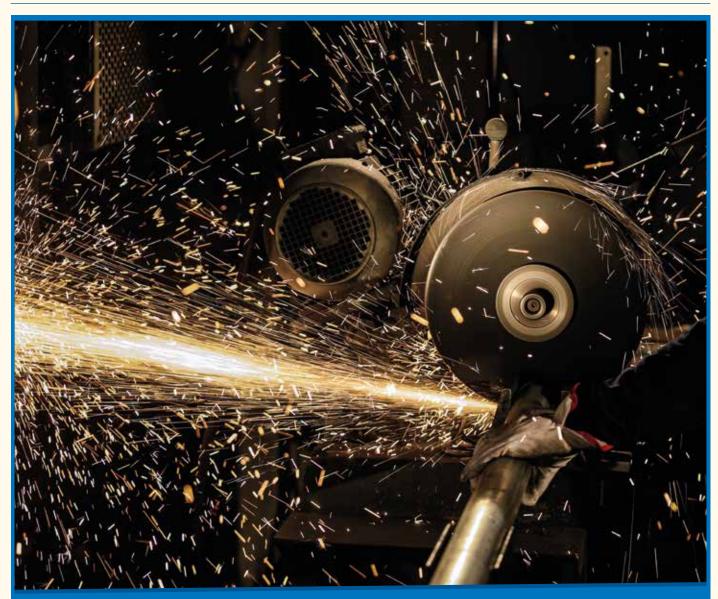


Karbosan established one of the world's most modern factories for coated abrasives production, located in Çerkezköy, Tekirdağ.



Karbosan is celebrating its 50th anniversary as a strong player in abrasive industry.

R&D

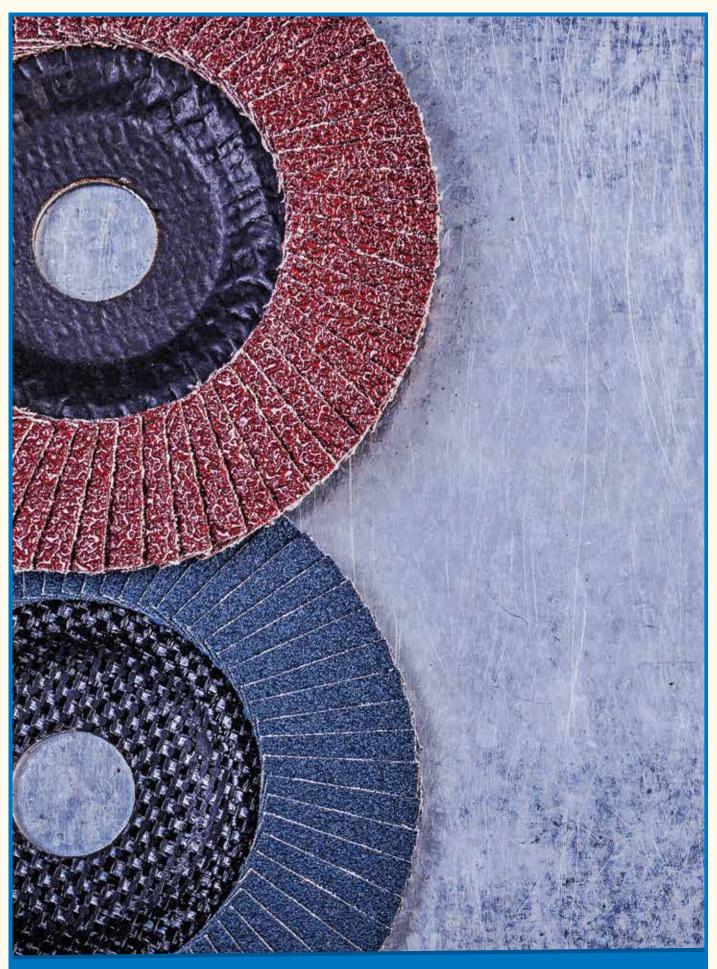


Karbosan intensely focus on product development activities with its effective engineering team.







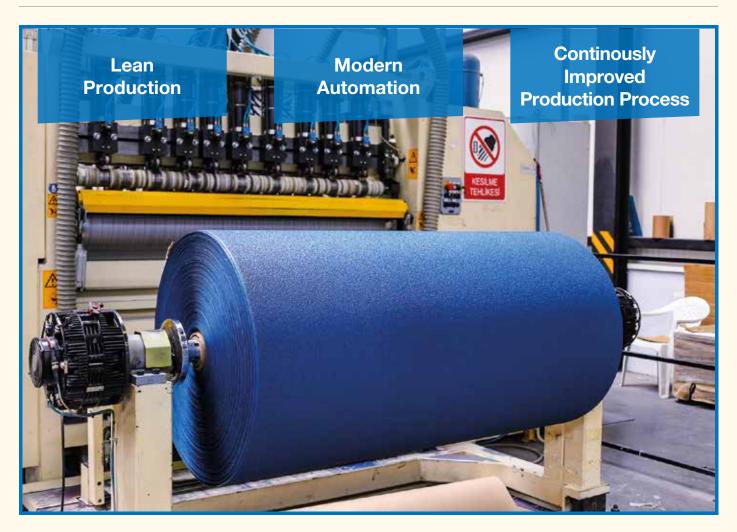


Product development activities are carried on many areas in order to increase product quality and decrease product costs.

Production



A total of 95K m² closed production area for bonded and coated abrasives





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 Abrasives Quality Laboratory

Certifications





ISO 9001:2015 Quality Management System Certifications

Karbosan is the first Turkish company manufacturing abrasive product certified with ISO 9001:2015 Quality Management System.





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.





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.



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

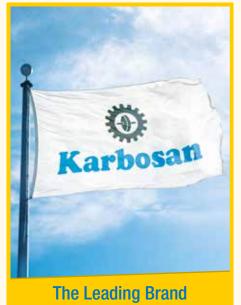
To increase customer satisfaction and loyalty by offering our innovative products with superior performance and quality in abrasive solutions market,

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.









Karbosan is a strong player in improved industrialization, increasing urbanization and continuously expanding abrasive market.



Application Areas

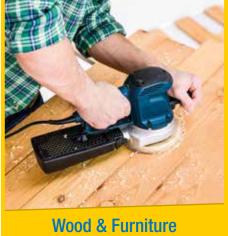


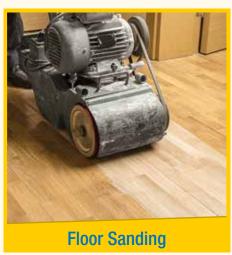
Industries



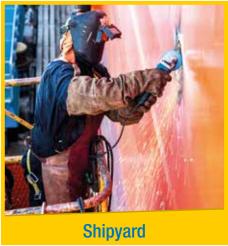
Karbosan offers a wide product range and a comprehensive service network for various industrial applications and different needs.

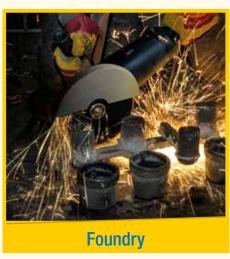


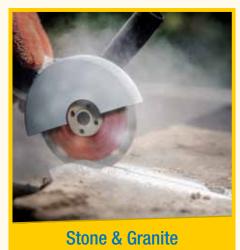




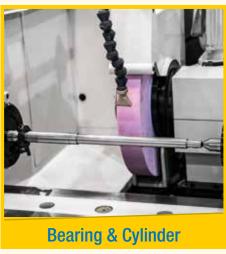


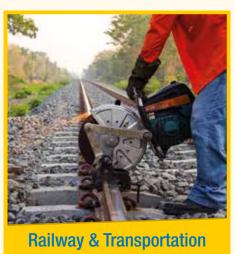


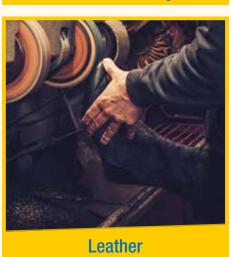












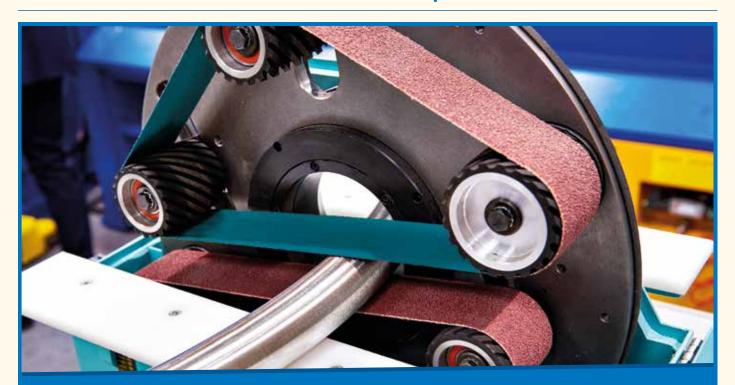




Innovation and New Products



New Product with Compact Grain



New product AGYYR21 with Compact Aluminum Oxide grain and YY Polyester backing is served as wide belts, endless belts and discs for continual and long lasting stock removal of high alloy steel, stainless steel and low alloy steel.

New Products with Ceramic Abrasive Grains



Focusing on Innovation and R&D studies, Karbosan launched new products with Ceramic Abrasive Grains for long lasting stock removal of high alloy steels. Generally served with friction and heat resistant Top Size coating.

New Flap Disc Portfolio



With its increased performance, Karbosan Flap Discs are served with a new face having Aluminum Oxide, Zirconia and Ceramic grain option, in two categories as Comfort Line and Premium Line, also classified with various densities.

New Hook & Loop Discs



Hook & Loop Discs are served in various types to meet different application needs with Silicon Carbide, Aluminum Oxide, Zirconium and Ceramic abrasive grains, wide grit range, various diameters and hole types.

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.

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 Zirconia Thin Line Cut-Off Discs



In New Zirconia (ZA) Thin Line Cut-Off Discs, addition of zirconium oxide provides 25% increase in stainless steel cutting performance in particular. Higher performance was also achieved when cutting thin stainless steel sheets. The use of these abrasives, especially in precision casting, will increase productivity.

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.

NOTES

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Product Catalog **NOTES**

NOTES

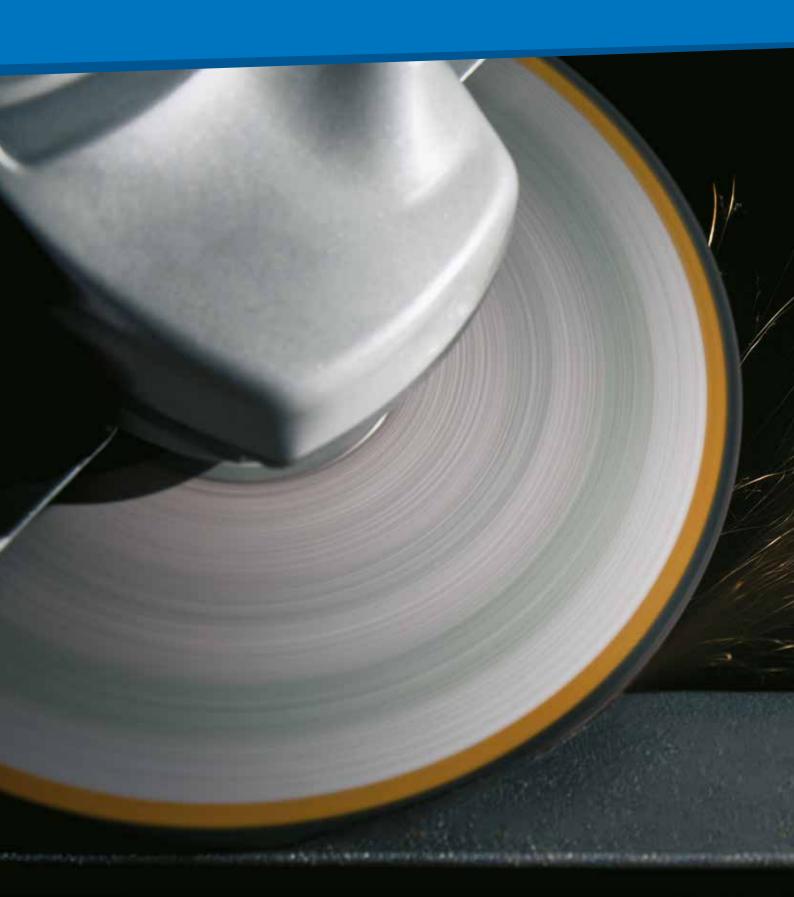


Products



- Bonded Abrasives
- Diamond Blades
- Coated Abrasives

Bonded Abrasives



- Technical Information
- Technical Table
- Organic Bonded Products
- Inorganic Bonded Products



Abrasive Grains

Abrasive Grain Type

Description

Silicon Carbide (C)

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

Aluminum Oxide (A)

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

Zirconia (Z)

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

Ceramic (Cu)

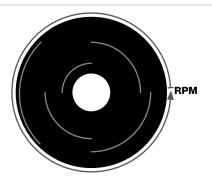
Hard and very durable, long-lasting and self sharpening abrasive for grinding and cutting processes of high-alloyed steel and hardened steel materials

Revolution and Peripheral Speed Values

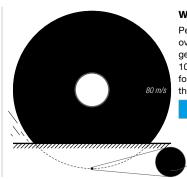
Operating Speed

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.









What is peripheral speed?

Peripheral speed defines the passage speed of the abrasive grains over the workpiece. Its unit is meter / second. Bonded abrasives are generally manufactured to be operated at a cutting speed of 35 to 100 m/s. A flat and colored stripe is located on the product label for peripheral speed values. Peripheral speed values symbolized by these stripes are as follows;

50 m/s

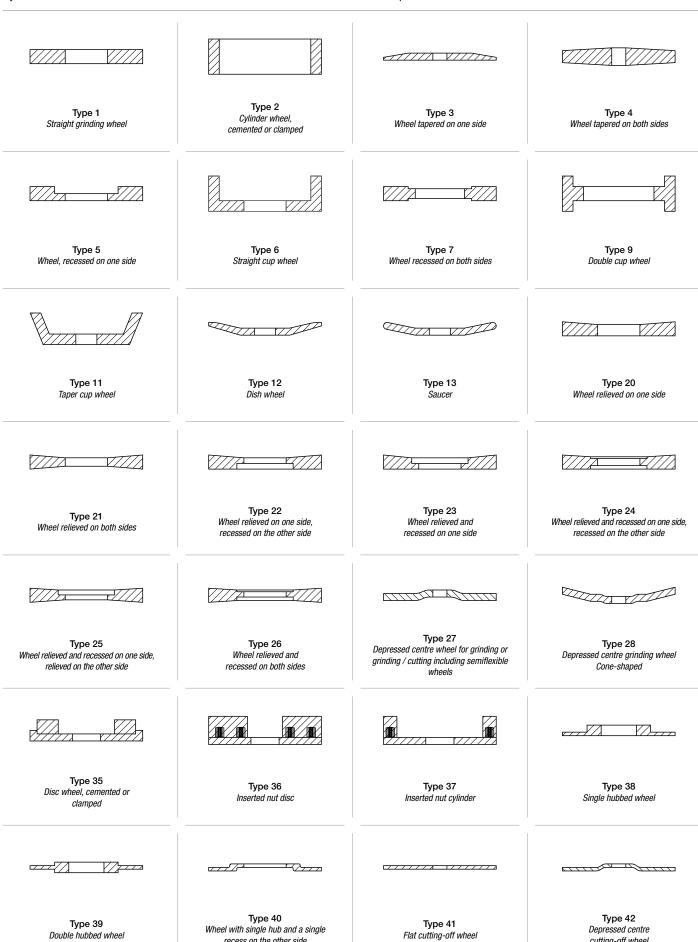
V: Cutting Speed

Speed Conversion Chart

	External Diameter					Pe	ripheral Spe	eed				
	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
Revolution Speed	250	1.250	1.550	1.950	2.450	2.700	3.100	3.450	3.850	4.850	6.150	7.650
SPM	300	1.050	1.300	1.600	2.050	2.250	2.550	2.870	3.200	4.050	5.100	6.400
tion in or	350 / 356	875	1.100	1.400	1.750	1.950	2.200	2.450	2.750	3.450	4.400	5.500
	400 / 406	765	960	1.200	1.550	1.700	1.950	2.150	2.400	3.050	3.850	4.800
3eV	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

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

Double hubbed wheel



recess on the other side

cutting-off wheel

Pictogram and Symbols

Machine Pictograms



Hand-held Angle Cutting Machine



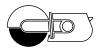
Hand-held Angle Grinding Machine



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!



Not Suitable For Portable Grinding Machine!



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.

				Spe	cifica	tion			duct rm	Ар	plica	ition	Meth	ıod
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	•	•	•				
	Thinline Cut-Off	Stainless Steel (Inox)	AA	54	R	BF	80	•		•				
	minine cut-on	ouninged etect (mox)		46	R	BF	80	•		•				
	_		AA	36	R	BF	80	•		•				
			Α	36	Q	BF	80		•	•				
		Aluminium	Α	54	Q	BF	80		•	•				
			Α	46	Q	BF	80		•	•				
	_	Metal / Stainless Steel (Inox)	ZA	46	R	BF	80	•		•				
	Plus Thinline Cut-Off		CuA	542	T	BF	80	•		•				
	Flus Hillillile Gut-Oll	Cut & Cut	CuA	462	T	BF	80	•		•				
			CuA	362	T	BF	80	•		•				
Cut-Off Discs		Metal	Α	36	T	BF	80	•	•	•				
	-	Stainless Steel (Inox)	AA	24	S	BF	80	•	•	•				
	Standard Cut-Off	Aluminium	Α	36	Q	BF	80		•	•				
		Cast Iron	С	30	S	BF	80	•	•	•				
	-	Marble	С	30	R	BF	80	•	•	•				
		Metal	Α	30	T	BF	80	•	•	•				
	Plus Cut-Off	041	ZA	30	TX	BF	80	•	•	•				
		Cast Iron	AC	36	SX	BF	80	•	•	•				Г
			Α	30/36	Р	BF	80	•			•	•		
	Fixed Densh Cut Off	Metal	Α	36/46	Р	BF	80	•			•	•		
	Fixed Bench Cut-Off		Α	30/36	S	BF	80	•				•		
	-	Cast Iron	С	24	S	BF	80	•			•	•		
	Gas Operated Cut-Off	Cast Iron	С	24	S	BF	100	•					•	
	Rail Cut-Off	Metal	Α	36	R	BF	100	•						•
	Plus Rail Cut-Off	Rail	ZA	30	R	BF	100	•						•
Cut-Off / Grinding Discs	Standard Cut-Off / Grinding	Metal	Α	24/36	ST	BF	80		•	•				Г
		Metal	Α	24	RS	BF	80		•	•				
	Chandend Out 19	Stainless Steel (Inox)	AA	24	Р	BF	80		•	•				
Outputter D'	Standard Grinding	Cast Iron	C	24	S	BF	80		•	•				
Grinding Discs	-	Aluminium	Α	24	N	BF	80		•	•				
	Dive Cale die	Metal	Α	30	Q	BF	80		•	•				
	Plus Grinding -	Cast Iron	ZA	24	R	BF	80		•	•				
		Flared Cup Wheel	SC	16	L5	ВВ				•				
Cuindina 1101-	Chandard Caindin - 14th - 1	Flat Cup Wheel	SC	16	L5	ВВ				•				
Grinding Wheels	Standard Grinding Wheels	Marble and Mosaic Cup Wheel	SC	16	L5	ВВ				•				
		NK Recess Grinding Wheel	NK	80	Q4	BA				•				

	350	0.8		2.5	3.0	3.5	4.0	5.0	7.0 8.0 10	Welding Burrs	Veld Seam	All Structural Steels	Low Alloy Steels	Steel M High Alloy Steels	Hardened Steels (>45 hrc)	Miid Steels (<45 hrc)	Stainless Steel	Cast Iron With Spherical Graphite (Nodular)	Gray Cast Iron (Pig)	Common Steel Cast are (Containing Mn and Stainless Properties)	Sand Finished Surfaces	Nonferrou Winning Winning Winn	obber Brass, Bronze	Marble	Artificial Rocks	Natural Rocks	Products Asphalt	Cement Products and Curbstones	60 Kg/m	Rail Profil	iles 49 Kg/m
	350			7.5	3.0	3.8	4.0	5.0	7.0 8.0 10	Welding Burrs		-4				Mild Steels (<45 hrc)	Stainless Steel	Cast Iron With Spherical Graphite (Nodular)	Gray Cast Iron (Pig)	ommon Steel Cast Containing Mn and ainless Properties)	d Finished Surfaces	Aluminium	opper Brass, Bronze	Marble	Artificial Rocks	Natural Rocks	Asphalt	Cement Products and Curbstones		54 Kg/m	49 Kg/m
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Organic Bonded Products



- Cut-Off Discs
- Grinding Discs
- Grinding Wheels

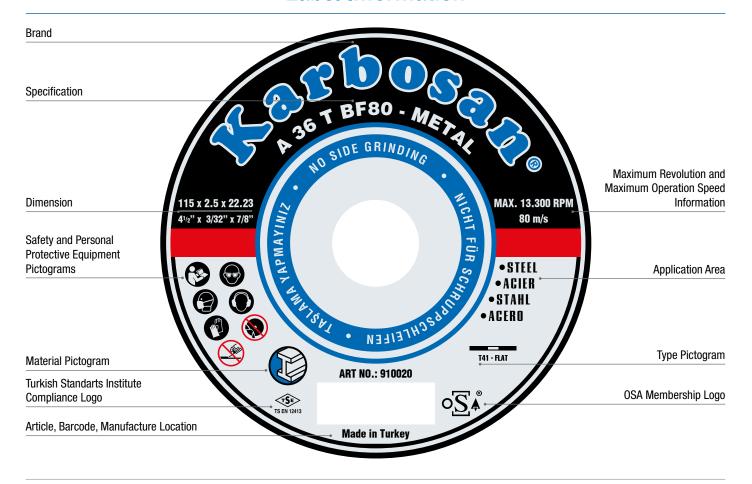


Cut-Off Discs





Label Information



Specifications Definition

			Opcomo				
	Α		36	T	-	BF	80
Abras	sive Type	Abrasive Gra	in Size	Grade Hardness		Bond Type	Peripheral Speed (m/s)
A	Aluminum Oxide	Coarse	8, 10, 12, 14, 16, 20, 24	Hard	P, Q, R, S,	BF Synthetic Resine	Figure indicating the
AA	Special Aluminum Oxide	Medium	30, 36, 46, 54, 60	Very Hard	T, U, V, W,	(Fiber Reinforced)	revolution speed of the product in meter / second.
AC	Special Aluminum Oxide & Silicon Carbide						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CuA	Special Aluminum Oxide						
С	Silicon Carbide						
ZA	Special Zirconium Oxide & Aluminum Oxide						

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.



etal Stainless Steel (Inox)







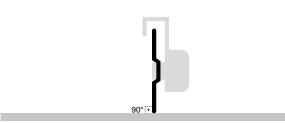


Types

T41 - Flat







Usage Recommendations and Information

- Ensure that the product you will use is not incomplete or damaged.
- · Never perform cuttng 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

Product Description

Abrasive

: Aluminum Oxide

Features

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

Version	
Standard	•
Application Metho	od
Hand Grinder	TO THE STREET
	-3 kw
	ad low
Application Area	

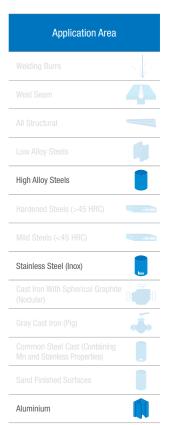
Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
		100 × 1.0 × 16		25	300	869149 969970 1
		115 × 1.0 ×22.23		25	300	869149 910440 3
	A 54 R BF80	115 × 1.2 ×22.23	80	25	300	869149 911670 3
		125 × 1.0 ×22.23	_	25	300	869149 910460 1
		125 × 1.2 ×22.23	_	25	300	869149 912580 4
T41		115 × 1.6 ×22.23		25	300	869149 910450 2
141	A 46 R BF80	125 × 1.6 ×22.23	80	25	300	869149 910470 0
		150 × 1.6 ×22.23	_	25	150	869149 912680 1
		180 × 1.6 ×22.23		25	150	869149 912338 1
	A 36 R BF80	180 × 1.9 ×22.23	80	25	150	869149 910480 9
		230 × 1.9 ×22.23		25	100	869149 910490 8



Fixed Power Rail Cutter	
Application Area	
Welding Burrs	
	4
All Structural	\Longrightarrow
Low Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC
Mild Steels (<45 HRC)	<45 HRC
	H
	4
	Cu Ni Nis Zn
	A
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	154 kg/m

Version Standard Plus

Application Method Hand Grinder Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter



Stainless Steel (Inox) Thin Line Cut-Off Discs

Product Description

Abrasive

: Special Aluminum Oxide

Features

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).



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
	44 00 B B500	115 × 0.8 ×22.23	00	25	300	869149 912490 6
	AA 60 R BF80	125 × 0.8 ×22.23	- 80	25	300	869149 912500 2
		100 × 1.0 ×16		25	300	869149 912460 9
		115 × 1.0 ×22.23	_	25	300	869149 910380 2
	AA 54 R BF80	115 × 1.2 ×22.23	80	25	300	869149 911680 2
		125 × 1.0 ×22.23	_	25	300	869149 910400 7
T41		125 × 1.2 ×22.23	_	25	300	869149 912590 3
141		115 × 1.6 ×22.23		25	300	869149 910390 1
	AA 46 R BF80	125 × 1.6 ×22.23	80	25	300	869149 910410 6
		150 × 1.6 ×22.23	_	25	150	869149 912900 0
		180 × 1,6 ×22.22		25	150	869149 910421 2
	AA 36 R BF80	180 × 1.9 ×22.23	80	25	150	869149 910420 5
		230 × 1.9 ×22.23	_	25	100	869149 910430 4
		115 × 0.8 ×22.23		25	300	869149 912510 1
T40	AA 60 R BF80	125 × 0.8 ×22.23	- 80	25	300	869149 912550 7
T42	AA 36 R BF80	180 × 1.6 ×22.23	80	25	150	869149 969960 2



THIN LINE CUT-OFF DISCS



AluminiumThin Line Cut-Off Discs

Product Description

Abrasive

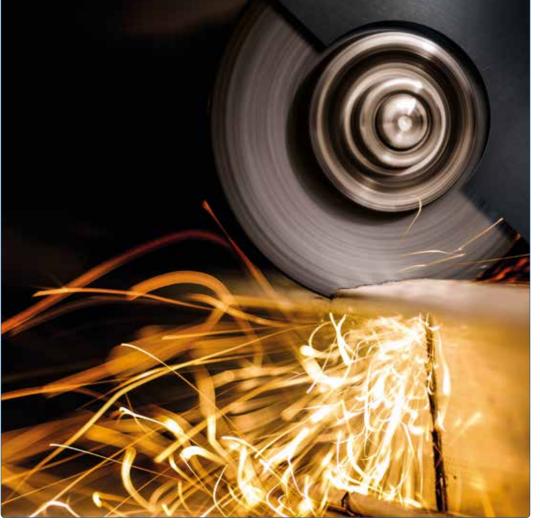
: Aluminum Oxide

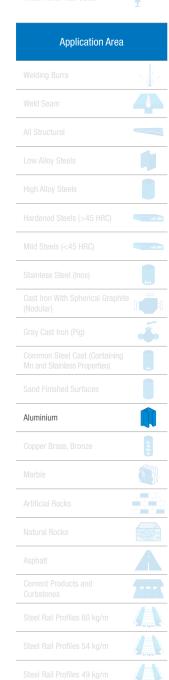
Features

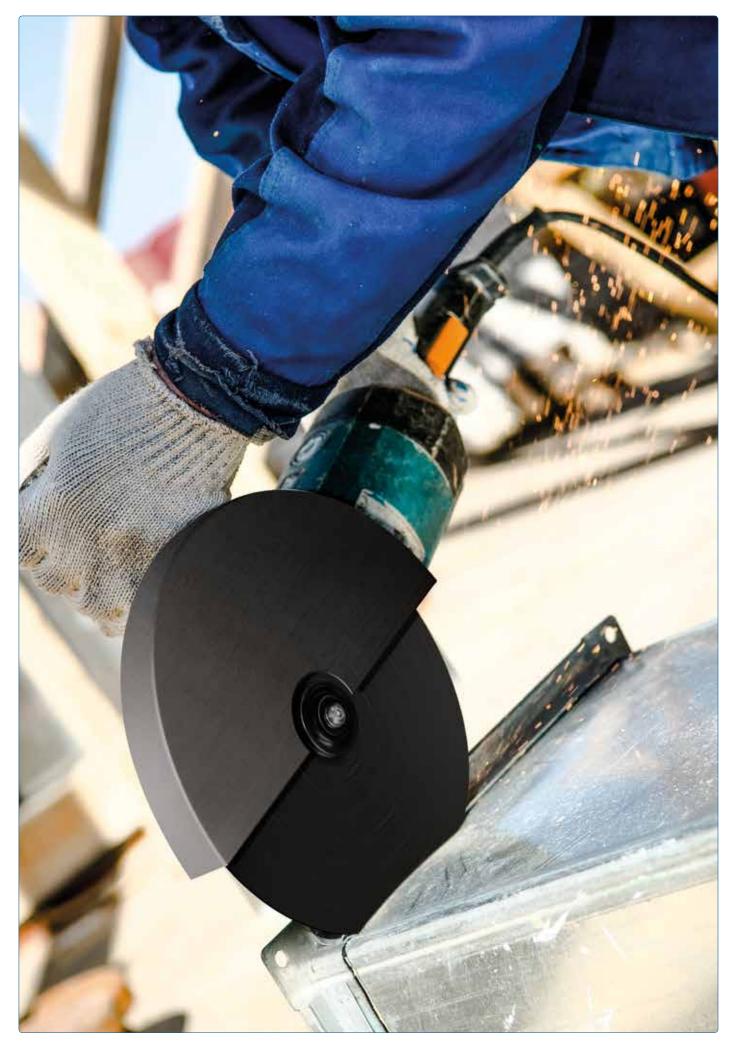
: Suitable for cutting operations on aluminium materials. Featuring aluminum oxide abrasive grains and a hard structure, the product is specially manufactured for cutting aluminium materials without clogging. Offers the advantage of convenient and fast cutting of aluminium materials.

Version	
Standard	•
Application Metho	d
Hand Grinder	THE CO
	-d low
	ga kw
Fixed Cutting Bench (≥3 kW) Portable Gas Operated Cutter	nd low

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
	A 5.4 O D500	115 × 1.0 ×22.23	— 80	25	200	869149 911030 5
	A 54 Q BF80	125 × 1.0 ×22.23	25	200	869149 911060 2	
	A 46 Q BF80	115 × 1.6 ×22.23		25	200	869149 911040 4
T41	A 40 Q DF0U	125 × 1.6 ×22.23	— ou	25	200	869149 911070 1
	A 26 O DE00	180 × 1.9 ×22.23	00	25	150	869149 911090 9
	A 36 Q BF80	230 × 1.9 ×22.23	— 80	25	100	869149 911110 4







PLUS THIN LINE CUT-OFF DISCS



ZirconiumPlus Thin Line Cut-Off Discs

Product Description

Abrasive

: Special Zirconium Oxide & Aluminum Oxide

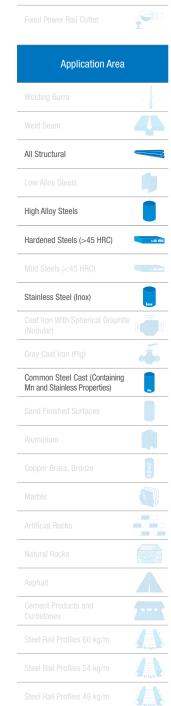
Features

: Suitable for cutting stainless steel (Inox), 304 and 316 L grade thin metal sheets, 304 grade stainless steel pipe and flat bars. Features special zirconium oxide and aluminum oxide abrasive grains and a hard structure. The product features a longer lifespan, advantage of faster cutting compared to its counterparts and has a specification, which minimizes the heat effect on stainless materials that have sensitive nature against heat. The product does not contain iron (Fe) and sulfur (S).

Version	
Standard	0
Plus	
Application Metho	od
Hand Grinder	TO TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OW
	«3 low
Fixed Cutting Bench (<3 kW) Fixed Cutting Bench (≥3 kW)	ed Nov
	a lav

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
		115 × 1.0 ×22.23		25	200	869149 908716 4
	74 40 D DE00	115 × 1.6 ×22.23	- 00	25	200	869149 908717 1
T41	ZA 46 R BF80	125 × 1.0 ×22.23	- 80	25	200	869149 908718 8
		125 × 1.6 ×22.23	_	25	200	869149 908719 5





Version Plus

Application Method

Hand Grinder	TO T
Fixed Cutting Bench (<3 kW)	ed tw
	sa kw

Application Area

High Alloy Steels

Stainless Steel (Inox)

Aluminium



Cut & Cut Plus Thin Line Cut-Off Discs

Product Description

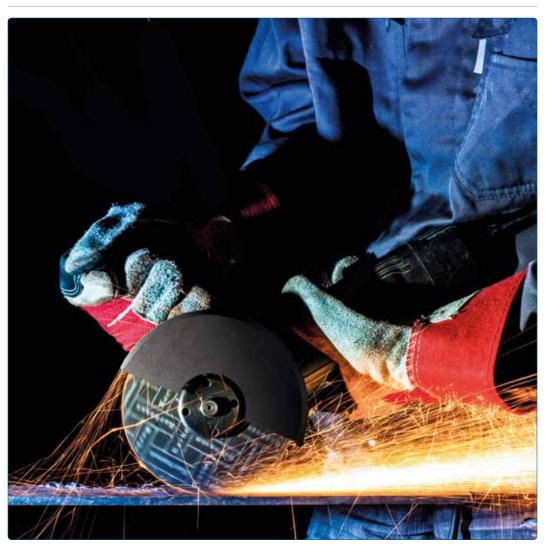
Abrasive : Special Aluminum Oxide

Features

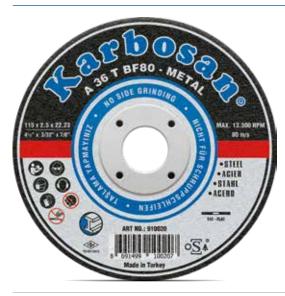
Suitable for cutting stainless steel (Inox), 304 and 316 L grade thin metal sheets, 304 grade stainless steel pipe and flat bars. Features special aluminum oxide abrasive grains and a hard structure. Thank to its the speacial aluminum oxide abrasive grains, the product, features the advantage of faster 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).



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
T41	CuA 542 T BF80	115 × 1.0 ×22.23	— 80	25	300	869149 910500 4
		125 × 1.0 ×22.23		25	300	869149 910520 2
	CuA 462 T BF80	115 × 1.6 ×22.23	— 80	25	300	869149 910510 3
		125 × 1.6 ×22.23		25	300	869149 910530 1
	CuA 362 T BF80	180 × 1.9 ×22.23	— 80	25	150	869149 910820 3
		230 × 1.9 ×22.23		25	100	869149 910830 2



CUT-OFF DISCS



MetalCut-Off Discs

Product Description

Abrasive : Aluminum Oxide

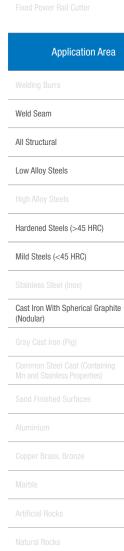
Features

: 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 Method			

Application Method					
Hand Grinder	Marie				
	=3 low				
	ad low				
	T T				

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
		100 × 2.5 ×16		25	200	869149 910010 8
		100 × 3.0 × 16	_	25	200	869149 912850 8
		115 × 2.5 ×22.23	-	25	200	869149 910020 7
		115 × 3.0 ×22.23		25	200	869149 910910 1
		125 × 2.5 × 22.23		25	200	869149 910030 6
	A 36 T BF80	125 × 3.0 ×22.23	- 80	25	200	869149 910920 0
T41	A 30 I DFOU	150 × 2.5 ×22.23	- 00	25	150	869149 912780 8
		150 × 3.0 ×22.23		25	150	869149 911180 7
		180 × 2.5 ×22.23		25	150	869149 910930 9
		180 × 3.0 ×22.23		25	150	869149 910040 5
		230 × 2.5 ×22.23		25	100	869149 910940 8
		230 × 3.0 ×22.23		25	100	869149 910050 4
		100 × 2.5 ×16		25	200	869149 910060 3
		100 × 3.0 × 16		25	200	869149 912840 9
		115 × 2.5 ×22.23		25	200	869149 910070 2
		115 × 3.0 ×22.23		25	200	869149 910950 7
		125 × 2.5 × 22.23		25	200	869149 910080 1
T42	A 36 T BF80	125 × 3.0 ×22.23	80	25	200	869149 910960 6
172		150 × 3.0 ×22.23	_	25	150	869149 912600 9
		180 × 2.5 ×22.23		25	150	869149 910970 5
		180 × 3.0 ×22.23	_	25	150	869149 910090 0
		230 × 2.5 ×22.23		25	100	869149 910980 4
		230 × 3.0 ×22.23	_	25	100	869149 910100 6





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ment Products and rbstones



teel Rail Profiles 54 kg/m



Version Standard

Application Method

Hand Grinder	TO TO THE PARTY OF
	s3 kw
Fixed Cutting Bench (≥3 kW)	p3 kw

Application Area Weld Seam High Alloy Steels

Stainless Steel (Inox)

Common Steel Cast (Containing Mn and Stainless Properties)

Aluminium

Stainless Steel (Inox) **Cut-Off Discs**

Product Description

: Special Aluminum Oxide Abrasive

Features

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).



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		100 × 2.5 ×16		25	200	869149 911010 7
		115 × 2.5 ×22.23		25	200	869149 910190 7
T41 A	AA 24 S BF80	125 × 2.5 × 22.23	80	25	200	869149 910200 3
		180 × 3.0 ×22.23	_	25	150	869149 910210 2
		230 × 3.0 ×22.23		25	100	869149 910220 1
		100 × 2.5 ×16		25	200	869149 911020 6
		115 × 2.5 ×22.23		25	200	869149 910230 0
T42	AA 24 S BF80	125 × 2.5 × 22.23	80	25	200	869149 910240 9
		180 × 3.0 ×22.23	_	25	150	869149 910250 8
		230 × 3.0 ×22.23	_	25	100	869149 910260 7



CUT-OFF DISCS



Aluminium Cut-Off Discs

Product Description

Abrasive

: Aluminum Oxide

Features

: 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 Method

Hand Grinder









Application Area



	A 3
T42	АЗ

Туре

6 Q BF80

Specification

Dimension (mm) $\textbf{115}\,\times\,3.0\,\times22.23$ $\textbf{125}\,\times\,3.0\,\times22.23$

180 × 3.0 ×22.23

230 × 3.0 ×22.23

Peripheral Speed (m/s) Вох 25

80

M. Box

869149**911080**0 869149**911100**5 100

Barcode / Article

869149**911050**3

869149 9111203





















Aluminium







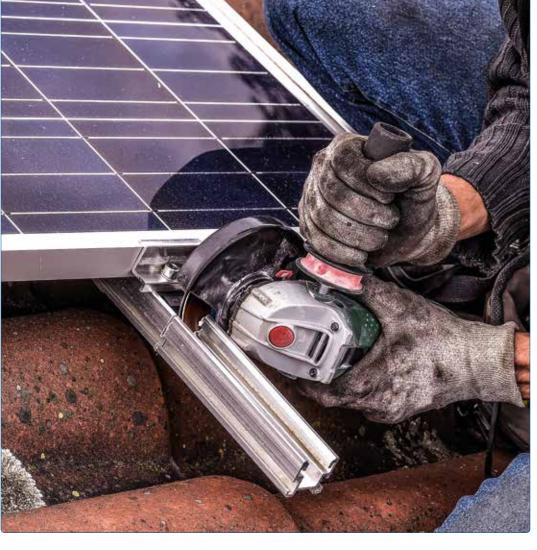












Standard • Plus

Application Method

Fixed Cutting Bench (<3 kW)

Portable Gas Operated Cutter

Fixed Power Rail Cutter



Cast IronCut-Off Discs

Product Description

Abrasive : S

: Silicon Carbide

Features

: 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 ferrous materials.



	Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
rea			100 × 2.5 ×16		25	200	869149 911690 1
			115 × 2.5 ×22.23	_	25	200	869149 910270 6
	T41	C 30 S BF80	B BF80 125 × 2.5 ×22.23 80	80	25	200	869149 910280 5
4	141		180 × 3.0 ×22.23	_	25	150	869149 910290 4
		230 × 3.0 ×22.23	_	25	100	869149 910300 0	
			100 × 2.5 ×16		25	200	869149 911720 5
			115 × 2.5 ×22.23	_	25	200	869149 910310 9
		0.00.0 PE00	125 × 2.5 ×22.23	- 00	25	200	869149 910320 8
	T42	C 30 S BF80	180 × 3.0 ×22.23	- 80	25	150	869149 910330 7
>45 MRC			230 × 3.0 ×22.23	_	25	100	869149 910340 6
			230 × 3.5 ×22.23		25	100	869149 912910 9





Copper Brass, Bronze

Marble

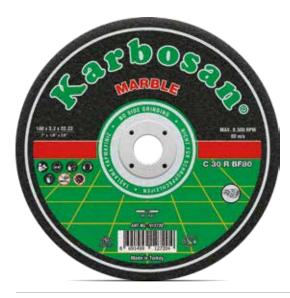
Artificial Rocks

Natural Rocks

Cement Products and Curbstones

Asphalt

CUT-OFF DISCS



Marble Cut-Off Discs

Product Description

Abrasive : Silicon Carbide

Features

: 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		•
Plus		

Appli	ication	Method

Hand Grinder



Fixed Cutting Bench (<3 kW)



Fixed Cutting Bench (≥3 kW)



Portable Gas Operated Cutte

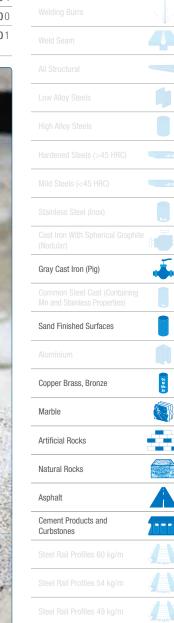
Application Area

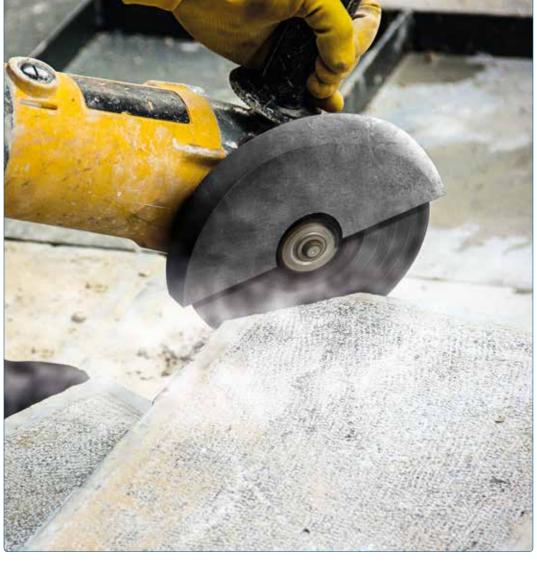


Fixed Power Rail Cutte



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
	C 30 R BF80	180 × 3.2 ×22.23	- 80	25	150	869149 912720 4
	C 30 K DFOU	230 × 3.5 ×22.23		25	100	869149 912960 4
T42	C 30 R BF80	180 × 3.2 ×22.23	- 80	25	150	869149 912760 0
		230 × 3.5 ×22.23		25	100	869149 912750 1





PLUS CUT-OFF DISCS

Version Plus

Application Method

Hand Grinder



Industry Metal Plus Cut-Off Discs

Product Description

Abrasive : Aluminum Oxide

Features

: 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 convenient cutting.



Application Area	
Weld Seam	4
All Structural	=
Low Alloy Steels	1
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC

Weld Seam	
All Structural	
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	>45 HRC
Mild Steels (<45 HRC)	<45 HRC
Stainless Steel (Inox)	lnex
Cast Iron With Spherical Graphite (Nodular)	H

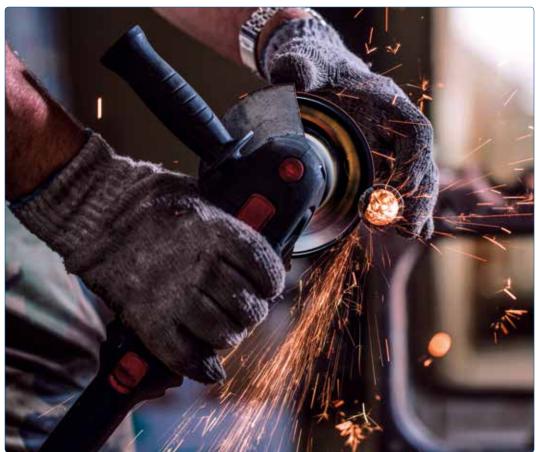
Gray Cast Iron (Pig)	•
Common Steel Cast (Containing Mn and Stainless Properties)	W _B
Aluminium	
Copper Brass, Bronze	Cui Mi Ms Zn

4





Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		100 × 2.5 ×16		25	200	869149 910990 3
		115 × 2.5 ×22.23		25	200	869149 910110 5
T41	A 30 T BF80	125 × 2.5 ×22.23	80	25	200	869149 910120 4
141		180 × 3.0 ×22.23	_	25	150	869149 910130 3
		230 × 3.0 ×22.23	_	25	100	869149 910140 2
		100 × 2.5 ×16		25	200	869149 911000 8
		115 × 2.5 ×22.23		25	200	869149 910150 1
T42	A 30 T BF80	125 × 2.5 ×22.23	80	25	200	869149 910160 0
172		180 × 3.0 ×22.23	_	25	150	869149 910170 9
		230 × 3.0 ×22.23	_	25	100	869149 910180 8



PLUS CUT-OFF DISCS



ZA Cast IronPlus Cut-Off Discs

Product Description

Abrasive

: Special Zirconium & Aluminum Oxide

Features

: 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	od
Hand Grinder	Mod
	sch low
	gd low
Portable Gas Operated Cutter	and two

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
		180 × 3.0 ×22.23		25	150	869149 911610 9
T41	ZA 30 TX BF80	230 × 2.5 ×22.23	80	25	100	869149 912440 1
141		230 × 3.2 ×22.23		25	100	869149 911270 5
		180 × 3.0 ×22.23		25	150	869149 911210 1
T42	ZA 30 TX BF80	230 × 2.5 ×22.23	80	25	100	869149 912450 0
142		230 × 3.2 ×22.23	_	25	100	869149 911220 0





Version Plus

Hand Grinder



Application Method



AC Cast Iron Plus Cut-Off Discs

Product Description

Abrasive

: Special Aluminum Oxide & Silicon Carbide

Features

: 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.



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		180 × 3.0 ×22.23		25	150	869149 911510 2
T41	AC 36 SX BF80	230 × 3.0 ×22.23		25	100	869149 911520 1
	AC 30 5X DF00	230 × 3.5 ×22.23		25	100	869149 911530 0
		230 × 3.8 ×22.23		25	100	869149 912270 4
	AC 36 SX BF80	180 × 3.0 ×22.23	— 80 —	25	150	869149 911560 7
		230 × 3.0 ×22.23		25	100	869149 911570 6
T42		230 × 3.5 ×22.23		25	100	869149 911640 6
		230 × 3.8 ×22.23		25	100	869149 912280 3
	AC 36 SX BF80	230 × 4.2 ×22.23	80	25	100	869149 913603 9





Gray Cast Iron (Pig)









Artificial Rocks		
	Artificial Rocks	



A







STATIONARY MACHINE CUT-OFF DISCS



MetalStationary Machine Cut-Off Discs

Product Description

Abrasive : Aluminum Oxide

Features

: 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.

Ve	rsion
Standard	•
Plus	

Application Metho	d
	1000
Fixed Cutting Bench (<3 kW)	ed law
Fixed Cutting Bench (≥3 kW)	gd kw
Portable Gas Operated Cutter	
Fixed Power Rail Cutter	

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

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
T41	A 00/40 D DE00	300 × 2.8 ×25.4	00	25	50	869149 911440 2
	A 36/46 P BF80	350 × 3.0 × 25.4	— 80	10	-	869149 911450 1
	A 30/36 P BF80	350 × 2.8 ×25.4	80	10	-	869149 912640 5
		400 × 3.5 ×25.4		10	-	869149 912290 2
		400 × 3.5 ×32		10	-	869149 968038 9

Products suitable	tor t	use w	ith m	achinery	with	power	rating	equal	to or	higher than	13 KW.

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		300 × 3.5 ×25.4		25	50	869149 911460 0
	A 36/46 P BF80	350 × 3.5 × 25.4	80	10	-	869149 911470 9
		400 × 4.0 ×25.4		10	-	869149 911480 8
		300 × 3.0 ×22.23		25	50	869149 911710 6
		300 × 3.0 ×25.4		25	50	869149 910840 1
		300 × 3.0 × 30		25	50	869149 910850 0
	A 30/36 P BF80	300 × 3.0 ×32		25	50	869149 911760 1
		350 × 3.5 ×22.23		10	-	869149 911790 8
		350 × 3.5 ×25.4		10	-	869149 910860 9
T41		350 × 3.5 × 30		10	-	869149 910870 8
		350 × 3.5 ×32		10	-	869149 911800 4
		400 × 4.0 ×25.4		10	-	869149 910880 7
		400 × 4.0 ×32		10	-	869149 911960 5
		400 × 4.0 × 40	_	10	-	869149 910890 6
		500 × 5.0 ×25.4	_	5*	-	869149 912690 0
		500 × 5.0 × 40		5*	-	869149 911290 3
		500 × 5.0 × 50	_	5*	-	869149 910900 2
	A 30/36 S BF80	300 × 3.5 ×25.4	80	25	50	869149 911350 4



Application Area High Alloy Steels Hardened Steels (>45 HRC) Mild Steels (<45 HRC) Cast Iron With Spherical Graphite (Nodular) Gray Cast Iron (Pig) Common Steel Cast (Containing Mn and Stainless Properties)

Version Standard

Application Method

Fixed Cutting Bench (<3 kW)

Fixed Cutting Bench $(\geq 3 \text{ kW})$



Cast Iron Stationary Machine Cut-Off Discs

Product Description

Abrasive

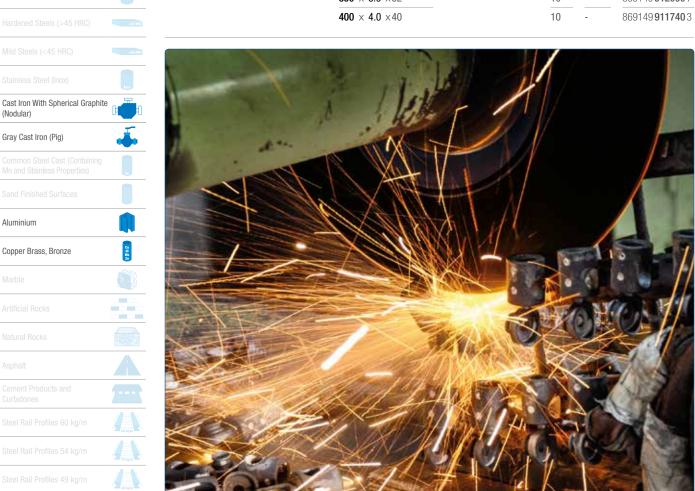
: Silicon Carbide

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.



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		300 × 3.0 ×25.4		25	-	869149 911900 1
		300 × 3.0 ×30		25	-	869149 911910 0
		300 × 3.5 ×20		25	-	869149 911390 0
		300 × 3.5 ×22.23		25	-	869149 911400 6
	0.04.0.0500	300 × 3.5 ×25.4		25	-	869149 911410 5
T41	C 24 S BF80	300 × 3.5 ×32		25	-	869149 911780 9
		350 × 3.5 ×25.4		10	-	869149 912740 2
		350 × 3.5 × 30		10	-	869149 911920 9
		350 × 3.5 ×32		10	-	869149 912000 7
		400 × 4.0 × 40		10	_	869149 911740 3







Copper Brass, Bronze



PETROL SAW CUT-OFF DISCS



Cast Iron Petrol Saw Cut-Off Discs

Product Description

Abrasive : Silicon Carbide

Features

: 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 Method







Portable Gas Operated Cutter





T41

Specification

C 24 S BF100

Dimension (mm) $\textbf{350}\,\times\,\textbf{4.0}\,\times\textbf{20}$

350 × **4.0** ×25.4

Peripheral Speed (m/s)

100

Вох M. Box

10

10

Barcode / Article

869149 **911420** 4 869149**911630**7

Application Area

































Asphalt

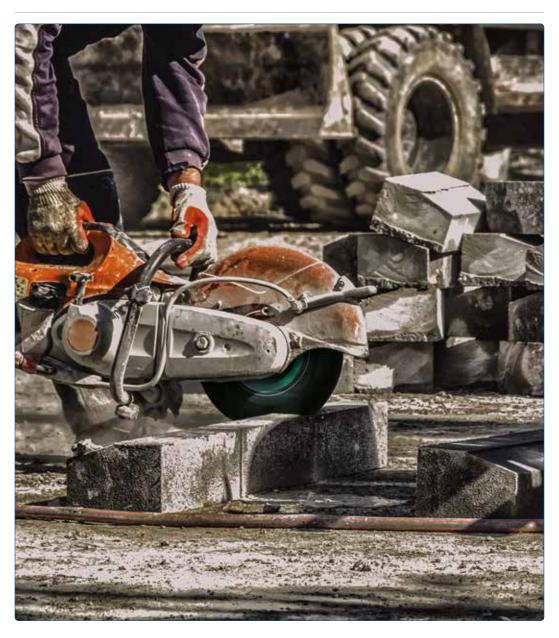


Cement Products and Curbstones









RAIL CUT-OFF DISCS

Version R

Standard Plus

Application Method

Hand Grinder
Fixed Cutting Bench (<3 kW)

23 300

Fixed Power Rail Cutter



Application Area

Welding Burrs
Weld Seam

Hardonad Stoole (~15 HBC

Mild Steels (<45 HRC)

Cast Iron With Spherical Graphite

(Nodular)

Gray Cast Iron (Pig)

Common Steel Cast (Containing Mn and Stainless Properties)

Sand Finished Surfaces

uminium

Copper Brass, Bronze

Ma Za

Artificial Pooks

Natural Rocks

A

Cement Products and

Steel Rail Profiles 60 kg/m



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



MetalRail Cut-Off Discs

Product Description

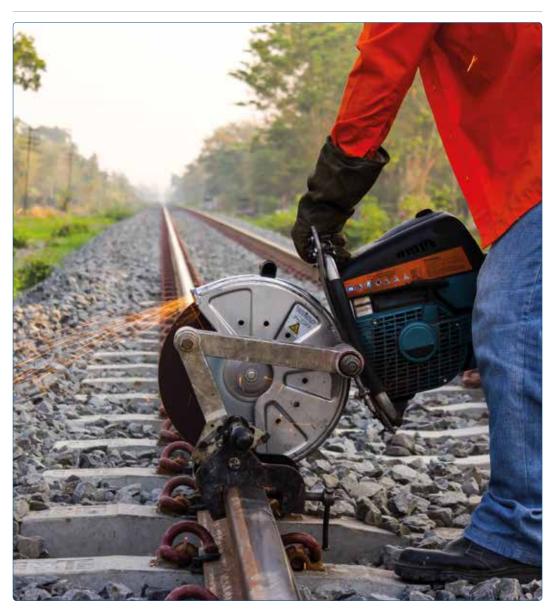
Abrasive : Aluminum Oxide

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.



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		350 × 4.0 ×20		10	-	869149 911360 3
T41	A 36 R BF100	350 × 4.0 ×22.23	100	10	-	869149 911370 2
171		350 × 4.0 ×25.4	_	10	-	869149 911380 1



PLUS RAIL CUT-OFF DISC



ZirconiaPlus Rail Cut-Off Discs

Product Description

Abrasive

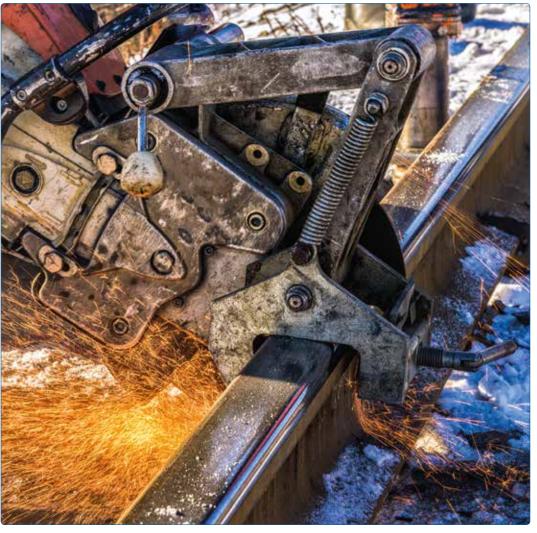
: Special Zirconium & Aluminum Oxide

Features

: 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					
	sch low					
	g3 kw					
Fixed Power Rail Cutter						
Application Area	ı					

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		300 × 3.5 ×22.23		25	50	869149 911300 9
		350 × 4.0 ×22.23		10	-	869149 911310 8
	74 00 D DE100	350 × 4.0 ×25.4		10	-	869149 911320 7
T41	ZA 30 R BF100	400 × 4.0 ×22.23		10	-	869149 906734 0
		400 × 4.0 ×25.4		10	-	869149 912970 3
		400 × 4.0 × 40		10	_	869149 906735 7



Application Area	
Welding Burrs	
Weld Seam	4
All Structural	
Low Alloy Steels	9
High Alloy Steels	
Hardened Steels (>45 HRC)	×4
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	Inax
Cast Iron With Spherical Graphite (Nodular)	ĸŪ
Gray Cast Iron (Pig)	4
Common Steel Cast (Containing Mn and Stainless Properties)	Ns.
Sand Finished Surfaces	
	Cu Ni Ni Zn
	A
Steel Rail Profiles 60 kg/m	4 60 kg/m
Steel Rail Profiles 54 kg/m	4 54 kg/s
Steel Rail Profiles 49 kg/m	4

Cut-Off & Grinding Discs

Version Standard

Application Method

Hand Grinder

Application Area

Weld Seam

All Structural

Low Alloy Steels

High Alloy Steels

Hardened Steels (>45 HRC)

Common Steel Cast (Containing Mn and Stainless Properties)

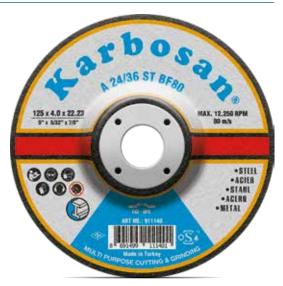
Metal **Cut-Off & Grinding Discs**

Product Description

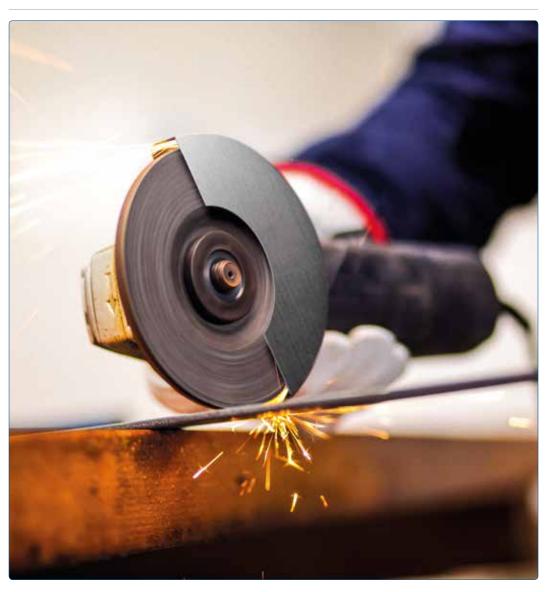
Abrasive : Aluminum Oxide

Features

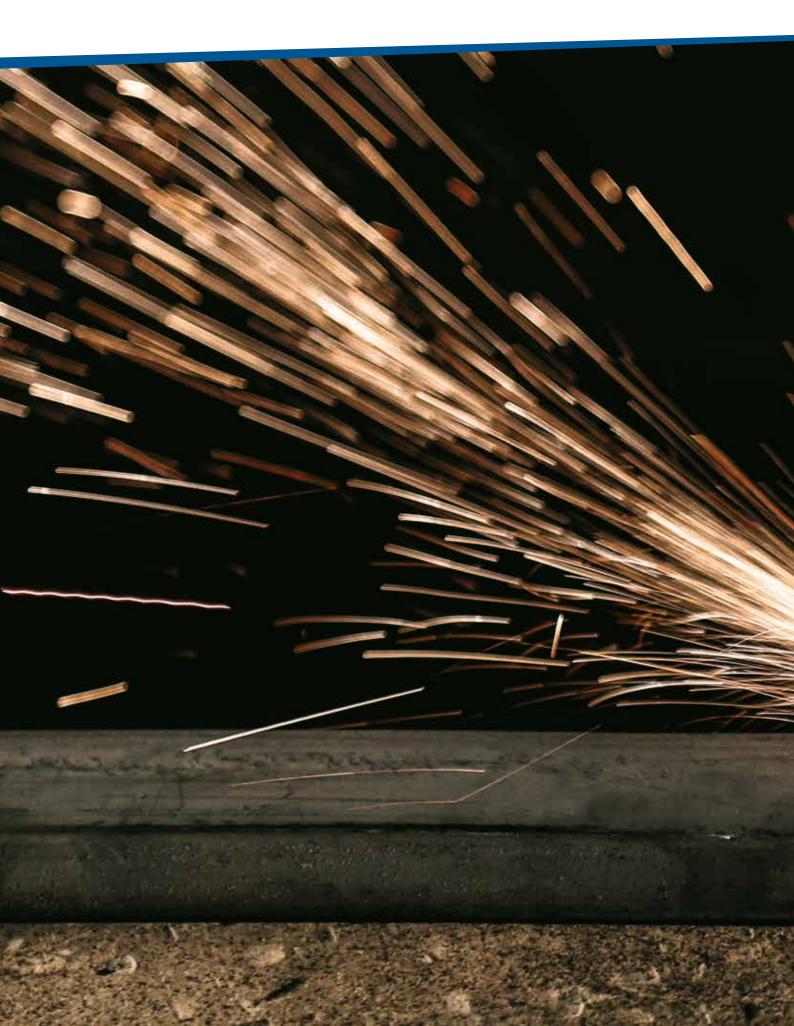
: Suitable for cutting and grinding processes of welding burrs, weld seams, all structural steels, low and high-alloy steels, hardened steels and common steel cast materials. Featuring aluminum oxide abrasive grains and a hard structure, the product offers the advantage of using a single product for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



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
T42	A 24/36 ST BF80	115 × 4.0 ×22.23		20	160	869149 911130 2
		125 × 4.0 ×22.23	 	20	160	869149 911140 1
		180 × 4.0 ×22.23		20	120	869149 911150 0
		230 × 4.0 ×22.23		20	80	869149 911160 9



Grinding Discs





Label Information



Specifications Definition

Specifications Definition									
A		24		RS		S	BF		80
Abrasive Type		Abrasive Grain Size		-	Grade Hardness		Bond Type	_	Peripheral Speed (m/s)
A	Aluminum Oxide	Coarse	8, 10, 12, 14, 16, 20, 24	-	Medium	L, M, N, O,	BF Synthetic Resine (Fiber Reinforced)	_	Figure indicating the revolution speed of the product in meter / second.
AA	Special Aluminum Oxide	Medium	30, 36, 46, 54, 60		Hard	P, Q, R, S,			
С	Silicon Carbide				Very Hard	T, U, V, W,			
ZA	Zirconium								

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

T27 - 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.



GRINDING DISCS



MetalGrinding Discs

Product Description

Abrasive

: Aluminum Oxide

Features

: 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.

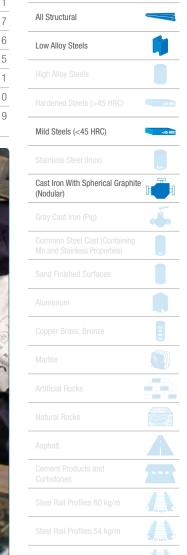
Version	
Standard	•
Application Meth	nod
	lou
Hand Grinder	Tag
Hand Grinder Fixed Cutting Bench (<3 kW)	NOU NO
	and her
Fixed Cutting Bench (<3 kW)	

Application Area

Welding Burrs

Weld Seam

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		100 × 6.4 ×16		10	80	869149 910540 0
		115 × 6.4 ×22.23		10	80	869149 910550 9
		115 × 7.0 ×22.23		10	80	869149 966450 1
		125 × 6.4 ×22.23	_	10	80	869149 910560 8
		150 × 6.4 ×22.23		10	60	869149 911830 1
T27	A 24 RS BF80	180 × 6.4 ×22.23	80	10	60	869149 910570 7
121		180 × 8.0 ×22.23		10	60	869149 910580 6
		180 × 10 ×22.23		10	40	869149 910590 5
		230 × 6.4 ×22.23	_	10	40	869149 910600 1
		230 × 8.0 ×22.23	_	10	40	869149 910610 0
		230 × 10 ×22.23	_	10	40	869149 910620 9





Version Standard

Application Method

Hand Grinder



Application Area

Welding Burrs Weld Seam

High Alloy Steels



Common Steel Cast (Containing Mn and Stainless Properties)



Stainless Steel (Inox) **Grinding Discs**

Product Description

Abrasive

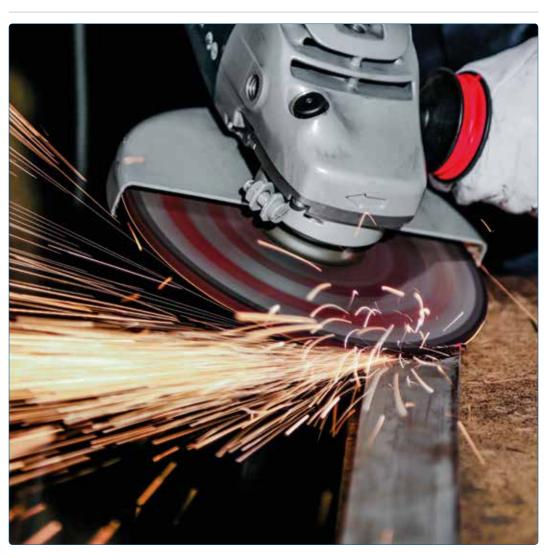
: Special Aluminum Oxide

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).



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		100 × 6.4 ×16		10	80	869149 912710 5
		115 × 6.4 ×22.23		10	80	869149 910680 3
and tour	44 24 D DE00	125 × 6.4 ×22.23		10	80	869149 910690 2
T27	AA 24 P BF80	180 × 6.4 ×22.23	– 80	10	60	869149 910700 8
		180 × 8.0 ×22.23	_	10	60	869149 910710 7
		230 × 6.4 ×22.23		10	40	869149 910720 6



GRINDING DISCS



Cast Iron Grinding Discs

Product Description

Abrasive

: Silicon Carbide

Features

: 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.

Versio	on
Standard	•
Application	Method
Hand Grinder	Nija



ion Area

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
viid Dimo		100 × 6.4 ×16		10	80	869149 911700 7
		115 × 6.4 ×22.23		10	80	869149 910730 5
		125 × 6.4 ×22.23	_	10	80	869149 910740 4
	0.04.0.0500	180 × 6.4 ×22.23		10	60	869149 910750 3
T27	C 24 S BF80	180 × 8.0 ×22.23	- 80	10	60	869149 910760 2
		180 × 10 ×22.23	_	10	-	869149 911730 4
		230 × 6.4 ×22.23	_	10	40	869149 910770 1
		230 × 8.0 ×22.23	_	10	40	869149 911750 2

7	Applicat
5 4	Welding Burrs
3	Weld Seam
4	All Structural
1 2	Low Alloy Steels
_	High Alloy Steels
	Hardened Steels (>4





Gray Cast Iron (Pig)

Sand Finished Surfaces







Copper Brass, Bronze



Marble



Artificial Rocks



Natural Rocks



Asphalt



Cement Products and Curbstones









Version

Standard



Application Method

Hand Grinder

Fixed Cutting Bench ($\geq 3 \text{ kW}$)

e Gas Operated Cutter

Fixed Power Rail Cutter



Application Area

lelding Burrs



All Structura

Low Alloy Steels

riigii Ailoy Steels

Hardened Steels (>45 HRC

Mild Steels (<45 HRC)

Stainless Steel (Innv)





Common Steel Cast (Containing Mn and Stainless Properties)

Sand Finished Surfaces



Conner Brace Bronzo





Natural Rocks





Carbotonio



0. 10.10 (1. 541.4



Steel Rail Profiles 49 kg/n

Aluminium Grinding Discs

Product Description

Abrasive

: Aluminum Oxide

Features

: 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.



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
		115 × 6.4 ×22.23		10	80	869149 911230 9
		125 × 6.4 ×22.23	_	10	80	869149 911240 8
T27	A 24 N BF80	180 × 6.4 ×22.23	80	10	60	869149 911250 7
		180 × 8.0 ×22.23	_	10	60	869149 911840 0
		230 × 6.4 ×22.23	_	10	40	869149 911260 6



PLUS GRINDING DISCS



MetalPlus Grinding Discs

Product Description

Abrasive

: Aluminum Oxide

Features

: 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	MIN				
Fixed Cutting Bench (<3 kW)	=3 kw				
	ga kw				

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Box	M. Box	Barcode / Article
T27		115 × 6.4 ×22.23		10	80	869149 910630 8
		125 × 6.4 ×22.23		10	80	869149 910640 7
	A 00 0 PE00	180 × 6.4 ×22.23		10	60	869149 910650 6
	A 30 Q BF80	180 × 8.0 ×22.23	- 80	10	60	869149 910660 5
		230 × 6.4 ×22.23	_	10	40	869149 910670 4
		230 × 8.0 ×22.23	_	10	40	869149 911430 3



Application Area	a
Welding Burrs	
Weld Seam	
All Structural	
Low Alloy Steels	
High Alloy Steels	
Hardened Steels (>45 HRC)	
Mild Steels (<45 HRC)	
Stainless Steel (Inox)	
Cast Iron With Spherical Graph (Nodular)	iite
Gray Cast Iron (Pig)	
Common Steel Cast (Containing Mn and Stainless Properties)	g
Sand Finished Surfaces	
Aluminium	
Copper Brass, Bronze	
Marble	
Artificial Rocks	
Natural Rocks	
Asphalt	_
Cement Products and Curbstones	
Steel Rail Profiles 60 kg/m	

Version Standard Plus

Application Method

Hand Grinder

Fixed Cutting Bench (<3 kW)

Fixed Cutting Bench (≥3 kW)

Fixed Power Rail Cutter

Application Area

Welding Burrs

Low Allov Steels

High Alloy Steels

Hardened Steels (>45 HRC

Mild Steels (<45 HRC)

Stainless Steel (Inox)

Cast Iron With Spherical Graphite

(Nodular)

ray Cast Iron (Pig)

Common Steel Cast (Containing Mn and Stainless Properties)

ound i monod oundood

Aluminium

Copper Brass, Bronze

arble

rtificial Rocks

atural Rocks

ement Products and

eel Rail Profiles 60 kg/m

teel Rail Profiles 54 kg/m

Steel Rail Profiles 49 kg/m



Product Description

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.



Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Вох	M. Box	Barcode / Article
		115 × 7.0 ×22.23		10	-	869149 910780 0
		125 × 7.0 ×22.23	_	10	-	869149 910790 9
T27	ZA 24 R BF80	180 × 7.0 ×22.23	80	10	60	869149 910800 5
		180 × 8.0 ×22.23	_	10	60	869149 911170 8
		230 × 7.0 ×22.23	_	10	40	869149 910810 4



Grinding Wheels





CONICAL CUP WHEELS



Product Description

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)	Peripheral Speed (m/s)	Grit	Shirink	Barcode / Article
	CO 10 LE DD	100 × 50 ×M14	45	16	4	869149 914200 9
<u>™ u</u> ll T11	SC 16 L5 BB	125 × 50 ×M14	45	16	4	869149 914210 8
	SC 24 L5 BB	100 × 50 ×M14	- 45	24	4	869149 914220 7
		125 × 50 ×M14		24	4	869149 914230 6

FLAT CUP WHEELS



Product Description

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.

ype	Specification	Dimension (mm)	Peripheral Speed (m/s)	Grit	Shirink	Barcode / Article
00 40 15 PB	100 × 50 ×M14	45	16	4	869149 914300 6	
	SC 16 L5 BB	125 × 50 ×M14	125 × 50 ×M14	16	4	869149 914310 5
 T6	00.0415.00	100 × 50 ×M14	45	24	4	869149 914320 4
	SC 24 L5 BB	125 × 50 ×M14	45	24	4	869149 914330 3

MARBLE & MOSAIC CUP WHEELS

Product Description

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)	Peripheral Speed (m/s)	Grit	Shirink	Barcode / Article
San sall	SC 16 L5 BB	110 × 58 ×22.23	45	16	4	869149 914400 3
T11	SC 24 L5 BB	110 × 58 ×22.23	45	24	4	869149 914410 2

NK RECESSED GRINDING DISCS

Product Description

Abrasive : Aluminum Oxide

Features

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

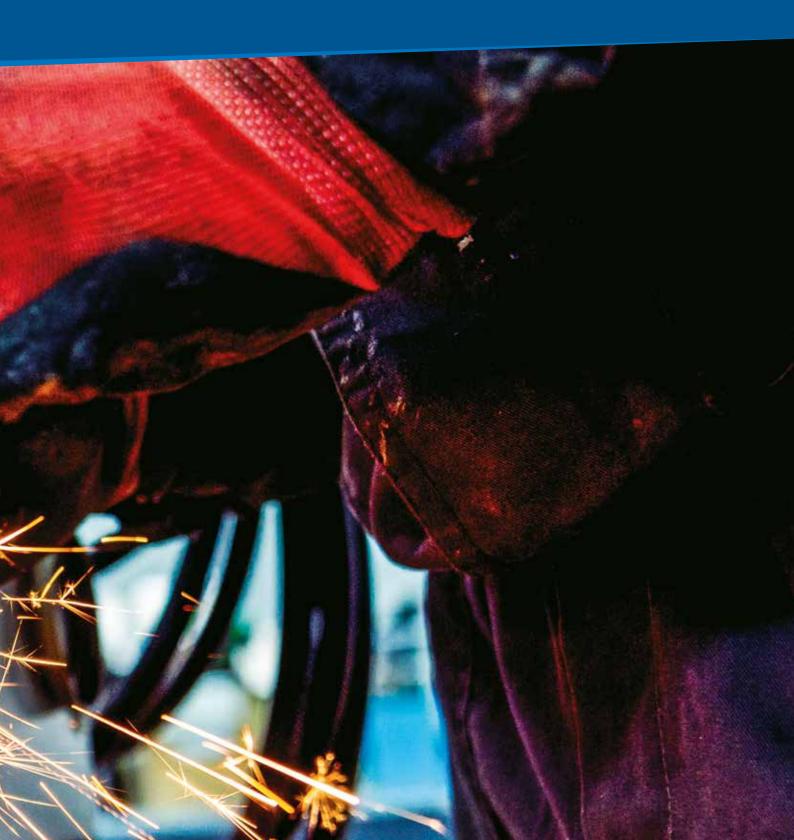


Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Shirink	Barcode / Article
		150 × 2.0 × 20		20	869149 912300 8
T41	NK 80 Q4 BA	175 × 2.0 ×20	45	20	869149 912310 7
141		190 × 2.0 ×28		10	869149 912320 6

Inorganic Bonded Products



- Grinding Wheels
- Saw Sharpening
- Tool Sharpening



Grinding Wheels





ALUMINUM OXIDE GRINDING WHEELS



Product Description

Abrasive

: Aluminum Oxide

Features

: 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 Grit	36 Grit	46 Grit	60 Grit	Shirink
	75 × 13 ×10		•	913010	913020	913030	5
	100 × 13 ×10		•	913040	913050	913060	5
	100 × 16 ×20		•	913070	913080	913090	5
	125 × 16 × 16		•	914790	914800	914810	5
	125 × 20 ×20		914820	914830	914840	914850	5
	150 × 20 ×20		914860	914870	914880	914890	5
	150 × 25 ×20		914900	914910	914920	914930	5
	175 × 20 ×20		914940	914950	914960	914970	5
	175 × 25 ×20		914980	914990	920000	920010	5
	200 × 20 ×20		920020	920030	920040	920050	5
(//A	200 × 25 ×20	05	920060	920070	920080	920090	5
T1	200 × 30 ×20		920100	920110	920120	•	4
	200 × 32 ×20		920130	920140	920150	•	4
	250 × 25 × 25		920180	920190	920200	•	5
	250 × 30 ×25		920210	920220	920230	•	4
	250 × 32 ×25		920240	920250	920260	•	4
	250 × 40 ×25		920270	920280	920290	•	2
	300 × 30 × 30		920300	920310	920320	•	2
	300 × 32 ×30		920330	920340	920350	•	2
	300 × 40 ×30		920360	920370	920380	•	2
	350 × 40 × 40		920390	920400	920410	•	2
	400 × 40 × 40		920420	920430	920440	•	1



SCG DIAMOND SHARPENING WHEELS

Product Description

Abrasive

: Silicon Carbide (Green)

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)	Peripheral Speed (m/s)	Shirink	Barkod / Article
		125 × 20 ×20		5	869149 920450 9
		125 × 25 ×20		5	869149 920460 8
		150 × 20 ×20		5	869149 920470 7
		150 × 25 ×20		5	869149 920480 6
		175 × 20 ×20		5	869149 920490 5
		175 × 25 ×20		5	869149 920500 1
T1	SCG 80 J 5 V	200 × 20 ×20	35	5	869149 920510 0
		200 × 25 ×20	5	869149 920520 9	
		200 × 32 ×20	_	5	869149 920530 8
		250 × 25 ×25		5	869149 920540 7
		250 × 32 ×25		3	869149 920550 6
		300 × 30 × 30		2	869149 920560 5
		300 × 32 × 30		2	869149 920570 4



STEEL GRINDING WHEELS



Product Description

Abrasive

- : Aluminum Oxide (EKR)
- Features
- : 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.

ре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Shirink	Barkod / Article
		150 × 20 ×20		5	869149 914450 8
		175 × 20 ×20		5	869149 914480 5
		250 × 25 ×76.2		5	869149 914490 4
		250 × 30 ×76.2		3	869149 914520 8
		250 × 32 ×76.2		3	869149 914770 7
	EKR 36 K6V	250 × 40 ×76.2	35	2	869149 914560 4
		300 × 40 ×127		2	869149 914590 1
		350 × 40 ×127		2	869149 914640 3
		350 × 50 ×127		1	869149 914670 0
		400 × 40 ×127		1	869149 914700 4
		400 × 50 ×127		1	869149 908902 1
		150 × 20 ×20		5	869149 914460 7
		175 × 20 ×20		5	869149 914730 1
		200 × 20 × 20		5	869149 914750 9
		250 × 25 ×76.2		5	869149 914500 0
		250 × 30 ×76.2		3	869149 914530 7
		250 × 32 ×76.2		3	869149 914780 6
	FIAD 46 KGV	250 × 40 ×76.2		2	869149 914570 3
	EKR 46 K6V	300 × 40 ×76.2	— 35	2	869149 914620 5
T1		300 × 40 ×127		2	869149 914600 7
		350 × 40 ×127	-	2	869149 914650 2
		350 × 50 ×127		1	869149 914680 9
		400 × 35 ×127		1	869149 916000 3
		400 × 40 ×127		1	869149 914710 3
		400 × 50 ×127		1	869149 903804 3
		150 × 20 ×20		5	869149 914470 6
		175 × 20 ×20		5	869149 914740 0
		200 × 20 × 20		5	869149 914760 8
		250 × 25 ×76.2		5	869149 914510 9
		250 × 30 ×76.2	_	3	869149 914540 6
		250 × 32 ×76.2	_	3	869149 914550 5
	EKR 60 K6V	250 × 40 ×76.2	35	2	869149 914580 2
		300 × 40 ×76.2	_	2	869149 914630 4
		300 × 40 ×127	_	2	869149 914610 6
		350 × 40 ×127	_	2	869149 914660 1
		350 × 50 ×127	_	1	869149 914690 2
		400 × 40 ×127	_	1	869149 914720 8
		400 × 50 ×127		1	869149 903805 0



GLASS GRINDING WHEELS



Product Description

Abrasive : Silicon Carbide

Features : Suitable for rodage in glass industry.

Туре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Shirink	Barkod / Article
<i>(///)</i>	SCG 100 L5 VN	300 × 30 × 30	25	1	869149 914370 9
T1	SCG 100 LS VN	350 × 35 × 30	35	1	869149 914380 8

CRYSTAL GRINDING WHEELS

Product Description

Abrasive : Aluminum Oxide

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



NIV OO MOVEONYO	$350 \times 50 \times 40$	0.5	1	869149 914430 0
NK 80 M6 V130 YS	400 × 50 × 40	35	1	869149 914390 7
	350 × 50		1	869149 914440 2
NIV OO ME VI 20 VC	180 × 30	25	'	009149 914440 2
INV ON INIO A LON 12	400 × 50		4	869149 914420 1
	NK 80 M6 V130 YS	NK 80 M6 V130 YS $ \frac{400 \times 50 \times 40}{350 \times 50 \times 40} \times 40 $	NK 80 M6 V130 YS $ \frac{400 \times 50 \times 40}{350 \times 50} \times 40 $ $ \frac{180 \times 30}{400 \times 50} \times 40 $ $ 350 \times 40 \times $	NK 80 M6 V130 YS $ \begin{array}{c} 400 \times 50 \times 40 \\ \hline 350 \times 50 \\ \hline 180 \times 30 \\ \hline 400 \times 50 \\ \hline \times 40 \\ \end{array} $ 35

ALUMINUM OXIDE MOSAIC SCRUBBING STONES



Product Description

Abrasive : Aluminum Oxide

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

Specification	Dimension (mm)	Shirink	Barkod / Article
	100 × 50 ×25	20	•
NIZ 10 OF V	100 × 50 × 50	10	869149 920640 4
NK 16 Q5 V	100 × 100 × 50	5	•
	200 × 100 × 50	3	•
	100 × 50 ×25	20	869149 920610 7
NIK OA OE W	100 × 50 × 50	10	869149 920650 3
NK 24 Q5 V	100 × 100 × 50	5	869149 920580 3
	200 × 100 × 50	3	869149 920680 0
	100 × 50 ×25	20	869149 920620 6
NIV OO DE V	100 × 50 × 50	10	869149 920660 2
NK 36 P5 V	100 × 100 × 50	5	869149 920590 2
	200 × 100 × 50	3	869149 920690 9
	100 × 50 ×25	20	869149 920630 5
NK 46 05 V	100 × 50 × 50	10	869149 920670 1
	100 × 100 × 50	5	869149 920600 8



SCYTHE SHARPENER

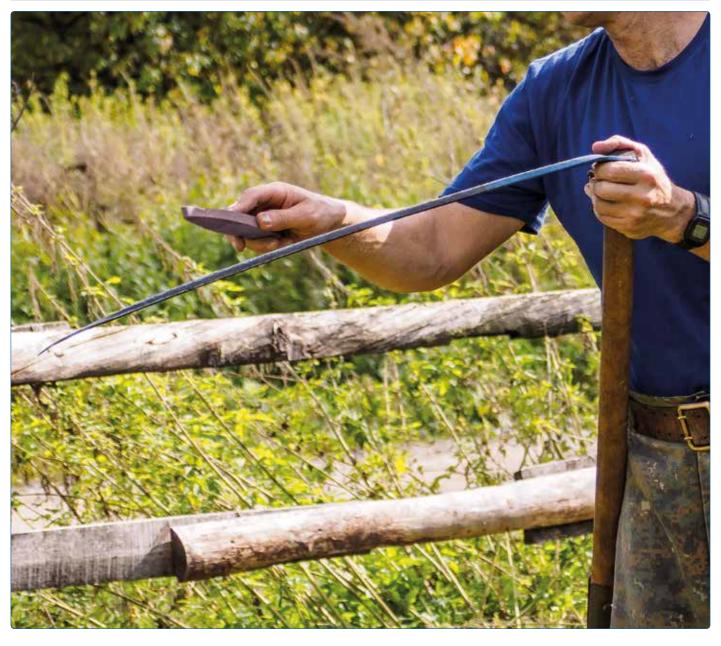
Product Description

Abrasive : Aluminum Oxide

Features : Suitable for manual sharpening processes of scythes.



Specification	Dimension (mm)	Shirink	Barkod / Article
HK 150 P5 V	222 × 13 ×35	1	869149 913680 0



Saw Sharpening





NK SAW SHARPENING



Product Description

Abrasive

: Aluminum Oxide

Features

: 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.

pe	Specification	Dimension (mm)	Peripheral Speed (m/s)	Shirink	Barcode / Article
		150 × 6.0 × 20		10	869149 913960 3
		150 × 8.0 ×20		10	869149 913980 1
		150 × 10 ×20		10	869149 913940 5
	NIZ CO	175 × 8.0 ×20		10	869149 914190 3
	NK 60	175 × 10 ×20	35 	10	869149 914160 6
		200 × 8.0 ×20		10	869149 914290 0
		200 × 10 ×20		10	869149 914260 3
		250 × 10 ×25		10	869149 914360 0
T1		150 × 6.0 ×25		10	869149 913970 2
		150 × 8.0 ×20		10	869149 913990 0
		150 × 10 ×20		10	869149 913950 4
	NIZ OO	175 × 8.0 ×20		10	869149 914240 5
NK 80	NK 8U	175 × 10 ×20		10	869149 914170 5
		200 × 8.0 ×20		10	869149 914340 2
		200 × 10 ×20		10	869149 914270 2
		250 × 10 ×25		10	•



EKR SAW SHARPENING

Product Description

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.



/ре	Specification	Dimension (mm)	Peripheral Speed (m/s)	Shirink	Barcode / Article
EKR 60	175 × 8.0 ×20		10	869149 914180 4	
	175 × 10 ×20		10	869149 914150 7	
	EKR 60	200 × 8.0 ×20	35	10	869149 914280 1
11		200 × 10 ×20		10	869149 914250 4
		250 × 10 ×25		10	869149 914350 1

Tool Sharpening





FORM D CUP WHEELS



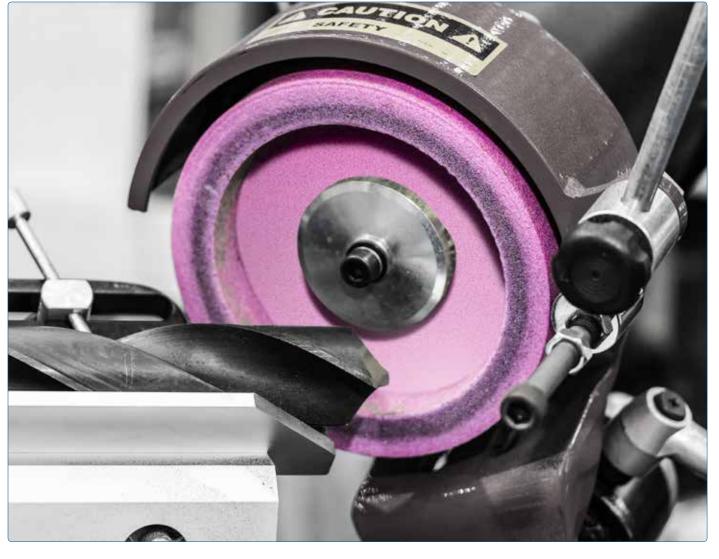
Product Description

: Aluminum Oxide (EKR) Abrasive

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

It has a maximum 35 m/s operating speed.

Туре	Specification	Dimension (mm) - (DxTxH)	Peripheral Speed (m/s)	Shirink	Barcode / Article
T6		Form D - 50 (50x32x13)		5	869149 914000 5
		Form D - 75 (75x40x20)		5	869149 914010 4
	EKR 60 K6 V	Form D - 100 (100x50x20)	35	5	869149 914020 3
		Form D - 125 (125x63x20)		5	869149 914030 2
		Form D - 150 (150x80x20)		4	869149 914040 1



FORM E CONICAL CUP WHEELS

Product Description

Abrasive : Aluminum Oxide (EKR)

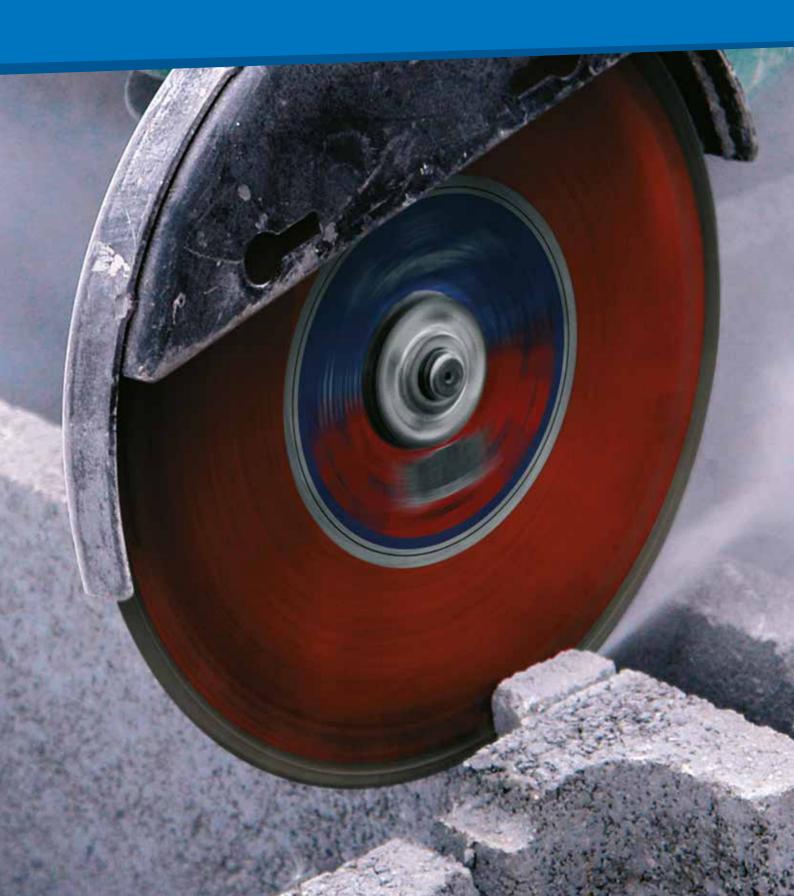
Features : Suitable for sharpening milling cutting bits, guides and similar cutting tools.

It has a maximum 35 m/s operating speed.



Туре	Specification	Dimension (mm) - (DxTxH)	Peripheral Speed (m/s)	Shirink	Barcode / Article
T 11		Form E - 50 (50x25x13)		5	869149 914100 2
		Form E - 75 (75x30x20)		5	869149 914110 1
	EKR 60 K6 V	Form E - 100 (100x35x20)	35	5	869149 914120 0
		Form E - 125 (125x45x20)		5	869149 914130 9
		Form E - 150 (150x50x20)		4	869149 914140 8

Diamond Blades



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



SEGMENTED DIAMOND BLADES



Product Description

Features

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

Туре	Dimension (mm)	Revolution Speed (m/s)	Box	M. Box	Barcode / Article
	115 × 2.0 ×22.23		1	-	869149 950110 3
Normal	180 × 2.2 ×22.23	80	1	-	869149 950120 2
	230 × 2.4 ×22.23		1	-	869149 950130 1
Flanged	180 × 2.2 ×22.23	80		-	869149 950140 0



THINLINE SEGMENTED DIAMOND BLADE

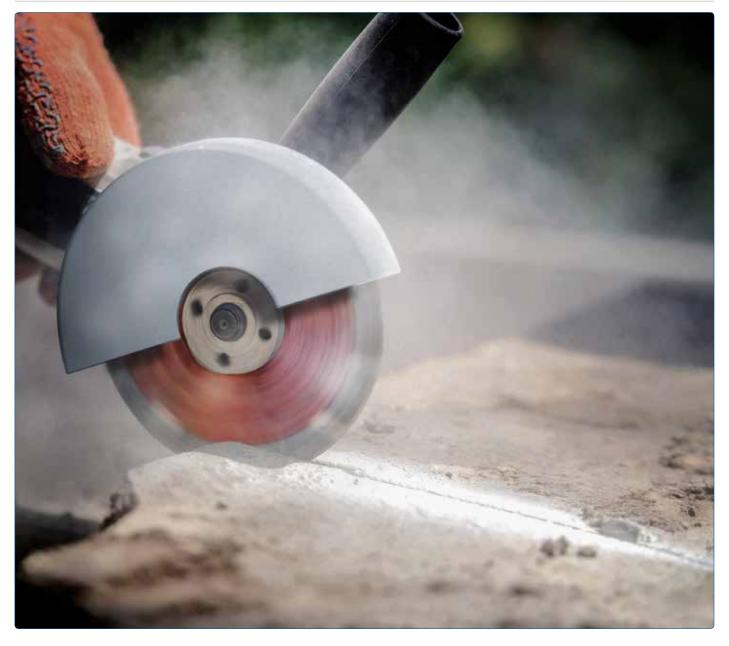
Product Description

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)	Revolution Speed (m/s)	Box	M. Box	Barcode / Article
Normal	115 × 0.8 ×22.23	80	1	-	869149 912048 9



TURBO DIAMOND BLADES



Product Description

Features

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

Туре	Dimension (mm)	Revolution Speed (m/s)	Box	M. Box	Barcode / Article
Normal	115 × 2.0 ×22.23		1	-	869149 950310 7
	180 × 2.2 ×22.23	80	1	-	869149 950320 6
	230 × 2.4 ×22.23		1	-	869149 950330 5
Flanged	180 × 2.2 ×22.23		1	-	869149 950340 4
	230 × 2.4 ×22.23	80	1	-	869149 950350 3



CONTINUOUS RIM DIAMOND BLADE

Product Description

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)	Revolution Speed (m/s)	Box	M. Box	Barcode / Article
	115 × 1.8 ×22.23		1	-	869149 950210 0
Normal	180 × 2.0 ×22.23	80	1	-	869149 950220 9
	230 × 2.3 ×22.23		1	-	869149 950230 8



WAVE TURBO DIAMOND BLADES



Product Description

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.

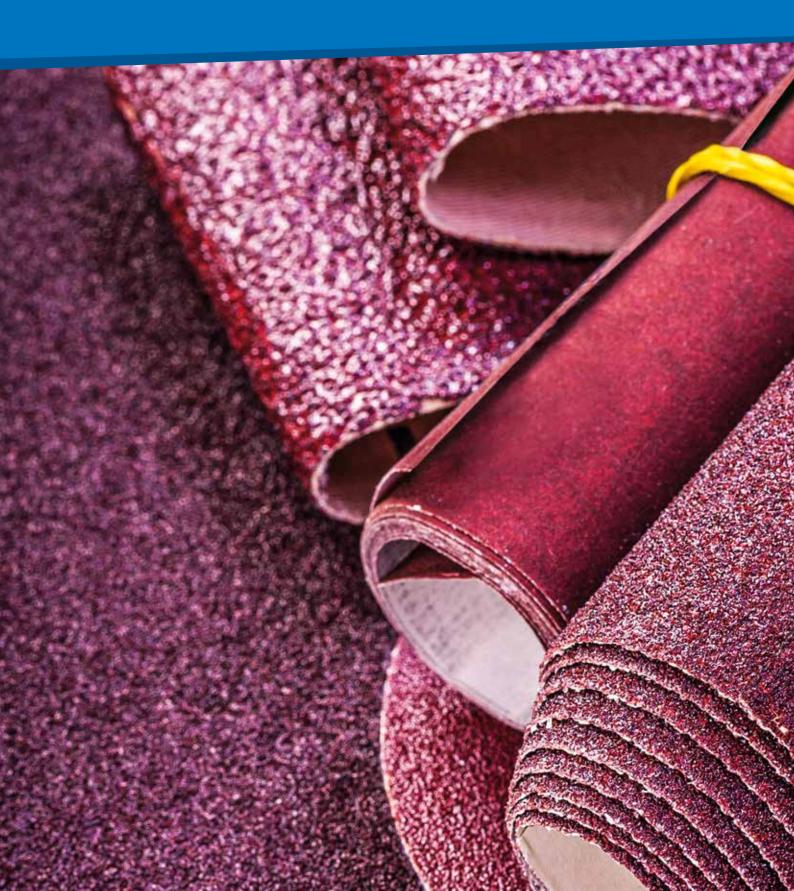
уре	Dimension (mm)	Revolution Speed (m/s)	Вох	M. Box	Barcode / Article
	115 × 2.2 ×22.23		1	-	869149 950410 4
Normal	180 × 2.4 ×22.23	80	1	-	869149 950420 3
	230 × 2.6 ×22.23		1	-	869149 950430 2
	180 × 2.4 ×22.23		1	-	869149 950440 1
Flanged	230 × 2.6 ×22.23	80	1	-	869149 950450 0





NOT	ES

Coated Abrasives



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

- Fibre Discs
- Hook & Loop Discs
- Sheets and Sponges
- Flap Wheels



Abrasive Grains

Types of Abrasive Grains

Description

Hardness

Structure

Property and Wear Behavior

Very hard and brittle abrasive for the surface finish of glass and stone materials, final finish for metal and coatings

Very Hard Less tough

Durability

Crystalline



Sharp-edged abrasive, coarse, brittle and highly friable micro-wear

Aluminum Oxide

Hard and durable abrasive for grinding of wood, metal and coatings

Tough Hard

Crystalline, Irregular



Wegde-shaped, block structured abrasive, macro wear

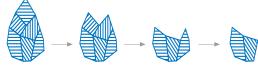
Zirconia

Hard and very durable abrasive for aggressive grinding of stainless steel, metal and wood

Hard

Very tough

Crystalline, Regular



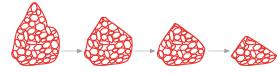
Wegde-shaped, block drop formed abrasive, micro wear, self-sharpening

Ceramic

Hard and very durable, long lasting and selfsharpening abrasive for machining of high alloy steel and stainless steel

Very tough

Microcrystalline



Sharp-edged, pointed abrasive, micro wear, self-sharpening

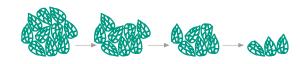


Continual and long lasting stock removal abrasive for all applications for grinding of high alloy steel and stainless steel

Hard

Tough

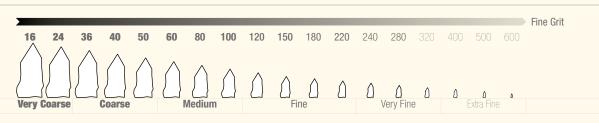
Resinbonded Aluminum Oxide Minerals



Dull grit breaks off from the agglomerate and creates space for new and sharp grit

Grit Size Guide

Coarse Grit

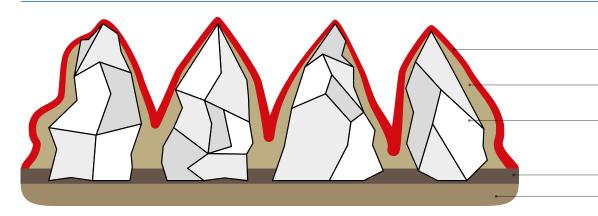




Classification of abrasives according to hardness, strength and application areas

Durability

Coating



Extra Coating

Surface Coating

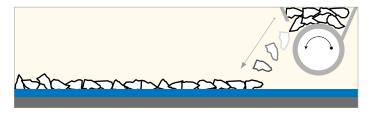
Abrasive

Main Coating
Backing

Coating	Coating Type	Description
Extra Coating	Top Size Coating	Friction and heat absorbant (cooler effect) Top Size coating that enhances the performance.
Extra Couting	Stearate 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.

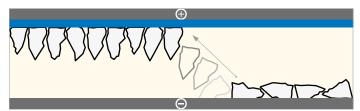
Gravity Coating

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.



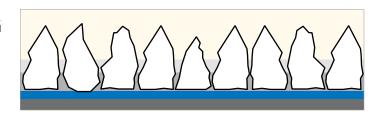
Electrostatic Coating

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.



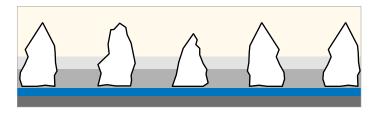
Closed Coating

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.

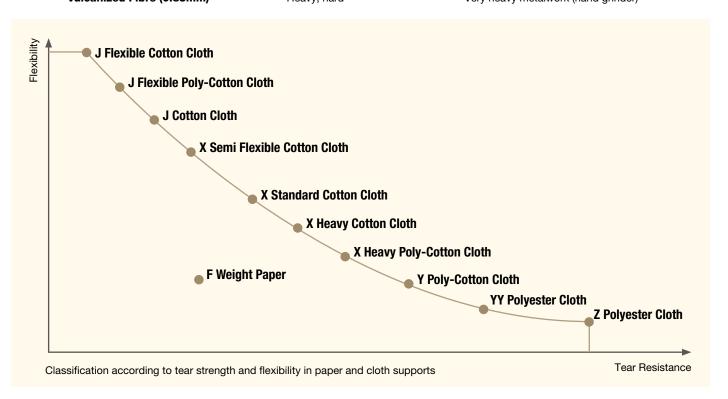


Product Code Information

	A	XP				R		1		1	
Abra	sive	Backing				Bo	nd	C	pating	Ve	rsion
A	Aluminum Oxide	F	F Paper	ХP	X Heavy Poly-Cotton Cloth	R	Resin	1	Closed	1	Standard
С	Silicon Carbide	J	J Cotton Cloth	XP/Y	Y Poly-Cotton Cloth		Over	2	Semi-Open	2	Version
z	Zirconia	JF	J Flexible Cotton Cloth	YX / YY	YY Polyester Cloth		Resin	3	Stearate	0	Version
CE	Ceramic	JF/F	J Flexible Poly-Cotton Cloth	Z	Z Polyester Cloth			5	Top Size		
AG		X	X Standard Cotton Cloth	WE	Vulcanized Fibre (0.7mm)			7	Antistatic & Closed		
AG	Compact Aluminum Oxide	X / XE	X Heavy Cotton Cloth	W	Vulcanized Fibre (0.8mm)			′			
	, uariiirani Oxido	XF	X Semi Flexible Cotton Cloth					9	Antistatic & Semi-Open		

Backings

Backing	Backing Type	Classification	Application Example		
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		
O	X Standard Cotton Cloth	Light, hard	Surfaces, edges, revolving bodies (machine)		
Cloth	X Heavy Cotton Cloth	Heavy, 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 (0.7mm)	Light, economic	Light metalwork (hand grinder)		
Fibre	Vulcanized Fibre (0.8mm)	Heavy, standard	Heavy metalwork (hand grinder)		
	Vulcanized Fibre (0.85mm)	Heavy, hard	Very heavy metalwork (hand grinder)		



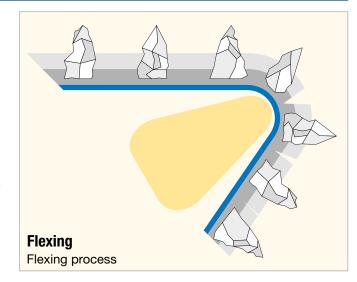
Product Selection and Storage Conditions

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
Cutting Efficiency Variables	More Aggressive, B	etter 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.

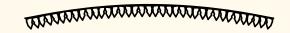
Observe the following for storage conditions;

- 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

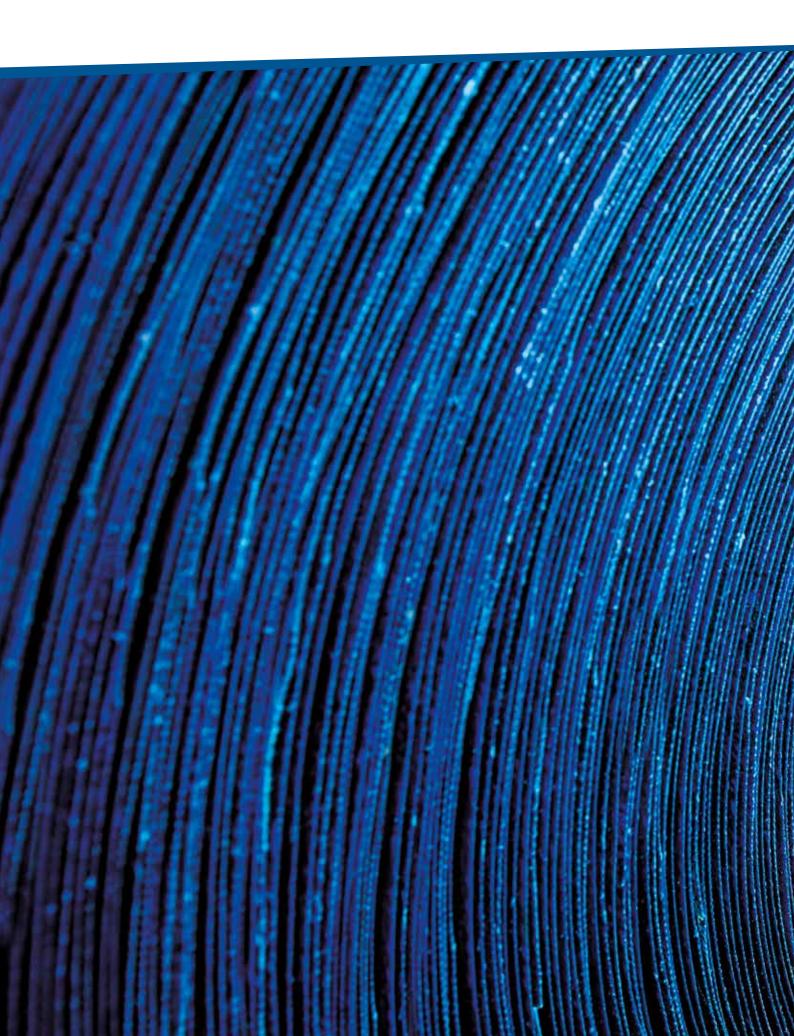
Abrasive at inner surface

												Status																	
	Abrasive	Backing	Bond	Coating	Version	Abrasive	Backing	Bond	Coating	Version	Grit Range	16	24	36	40	50	09	80	100	120	150	180	220	240	280	320	400	500	009
	Α	F	R	7	1	AO			Antistatic & Closed	Std.	40 - 600				•	0	•	•	•	•	•	•	•	•	•	•	•	•	•
	C	F	R	9	1	SC			Antistatic & Semi Open	Std.	36 - 400			0	•	0	•	•	•	•	0	0	•	0	0	0	•		
	Z	F	R	9	1	ZR	F Weight Paper		Antistatic & Semi Open	Std.	24 - 400		0	0	•	0	•	•	•	•	•	•	•	•	•	•	•		
NEW	CE	F	R	9	1	CE			Antistatic & Semi Open	Std.	24 - 220		0	0	•	0	•	•	•	•	•	•	•						
	A	J	R	1	1	AO	J Cotton Cloth		Closed	Std.	40 - 400				•	0	•	•	•	•	•	•	•	•	0	•	•		
	A	JF	R	1	1	AO	I Florrible		Top Size & Closed	Std.	60 - 600						•	•	•	•	•	•	•	0	•	•	•	0	0
	A	JF	R	1	2	AO	J Flexible Cotton Cloth		Closed	Ver.	60 - 600						•	•	•	•	•	•	•	0	•	0	•	0	•
	A	JF	R	1	0	A0			Top Size & Closed	Ver.	60 - 600						•	•	•	•	•	•	•	•	•	•	•	0	0
	C	JF	R	1	1	SC	J Flexible		Closed	Std.	60 - 320						•	0	0	0	0	•	0	0	0	0			
	C	JF	R	3	1	SC	Poly-Cotton Cloth		Stearate & Closed	Std.	60 - 320						•	0	0	0	0	•	0	0	0	0			
	CE	F		5	1	CE			Top Size & Closed	Std.	60 - 220						•	•	•	•	•	•	•						
	A	XF	R	1	1	AO	X Semi Flexible Cotton Cloth		Closed	Std.	40 - 600				•	0	•	•	•	•	•	•	•	•	•	•	•	0	0
	A	X	0P	2	1	AO	X Standard Cotton Cloth		Semi Open	Std.	24 - 400		•	•	•	0	•	•	•	•	•	•	•	•	0	•	•		
	A	ΧE	R	1	1	AO	X Heavy		Closed	Std.	36 - 120			•	•	0	•	•	•	•									_
	Z	X	R	1	1	ZR	Cotton Cloth		Closed	Std.	24 - 120		•	•	•	•	•	•	•	•									
	A	ХP	R	1	1	AO	X Heavy	Resin	Closed	Std.	24 - 400		0	•	•	•	•	•	•	•	•	•	•	0	0	0	0		
	Z	ХP	R	1	1	ZR	Poly-Cotton Cloth	Over	Closed	Std.	24 - 120		•	•	•	•	•	•	•	•									
	Z	ХP	R	2	2	ZR	VD	Resin	Closed	Ver.	24 - 120		•	•	•	•	•	•	•	•									
	CE	Y		5	1	CE	Y Poly-Cotton Cloth		Top Size & Closed	Std.	36 - 120			•	•	•	•	•		•									
	A	ΥX	R	1	1	AO			Closed	Std.	16 - 600	•	0	•	•	0	•	•	•	•	•	•	•	0	•	•	0	0	0
	Z	ΥY	R	1	1	ZR			Closed	Std.	24 - 120		•	•	•	•	•	•	•	•									
	Z	ΥY	R	5	1	ZR			Top Size & Closed	Std.	24 - 120		0	•	•	0	•	•	0	•									_
	C	ΥX	R	1	1	SC	YY Polyester Cloth		Closed	Std.	16 - 400	0	•	•	•	•	•	•	•	•	0	•	0	0	0	0	0		
NEW	CE	ΥY	R	2	1	CE			Semi Open	Std.	24 - 120		0	•	•	•	•	•	•	•									
	CE	YY	R	5	1	CE			Top Size & Closed	Std.	24 - 120		0	•	•	•	•	•	0	•									
SOON	AG	YY	R	2	1	AG			Semi Open	Std.	80 - 600							•		•		•		•		•	•		•
	C	Z	R	7	1	SC	Z Polyester Cloth		Antistatic & Closed	Std.	40 - 220				•	•	•	•	•	•	•	•	•						
	A	WE	R	1	1	A0	Vulcanized Fibre (0,7mm)		Closed	Std.	24 - 120		•	•	•	•	•	•	•	•									
	A	W	R	1	1	A0			Closed	Std.	16 - 320	•	•	•	•	•	•	•	•	•	0	0	•	0	0	•			
	C	W	R	1	1	SC	Vulcanized Fibre		Closed	Std.	16 - 400	•	•	•	•	0	•	•	0	0	0	0	•	0	0	0	0		
	Z	W	R	1	1	ZR	(0,8mm)		Closed	Std.	24 - 120		•	•	•	•	•	•	0	•									
	Z	W	R	5	1	ZR			Top Size & Closed	Std.	24 - 120		0	•	0	•	•	•	0	•									
	CE		R	5	1	CE	Vulcanized Fibre (0,85mm)		Top Size & Closed	Std.	24 - 120		•	•	•	•	•	•	•	•									

122

				Produc	t Forms								Appl	lication Me	thod							Appli	cation <i>A</i>	Area						Features		
Jumbo	Wide Belt	Endless Belt	Roll	Sheet	Disc	Hook & Loop Disc	Flap Wheel	Flap Disc	Fibre Disc	Polishing	Belt		Wide Belt		Flap Wheel Machine	Floor Sanding		Hand Grinder	Mood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Copper / Non Ferrous Metals	Rubber / Plastic / Leather	Cast Iron	Glass / Stone / Granite / Ceramic	Antistatic Feature	Suitable for Wet Applications	Friction & Heat Absorbant Anti-Clogging	Flexible for Curved Surfaces	Easily Tearable by Hand
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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 with 1650mm width.



Dimensions







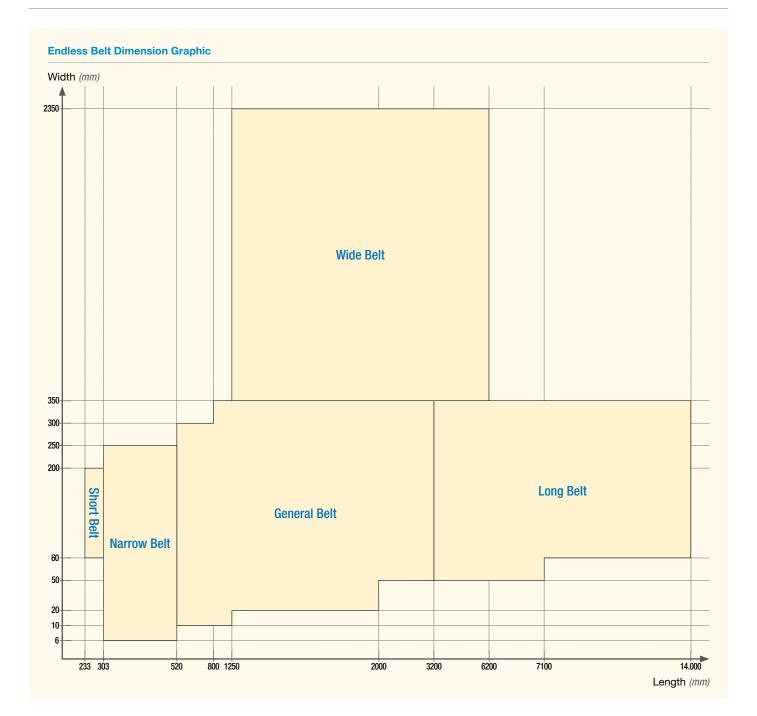
Belt Abrasive Roll

Endless belts can be produced in a wide range, width from 6mm to 2.350mm 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 produced in 1.650mm width (and generally in 50 meters or 100 meters) are calculated in m² (metersquares).

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).

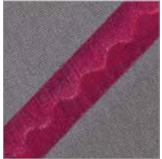


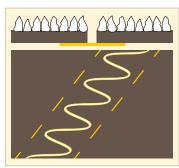
Joint Forms

F1: Zigzag Film

Zigzag joint, with cloth-reinforced film backing, impact-free working at very sensitive parts, in particular glass.





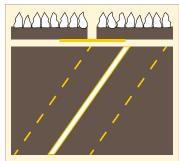


F2: Straight Film

Straight joint, with cloth-reinforced film backing, suitable for working on unsupported belts in hand.





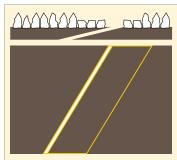


F3: Straight Overlap (Grit Zone Ground Off)

Straight overlapping glued joint, grit zone is slightly ground off, used for wood finishes with flat contact surfaces.





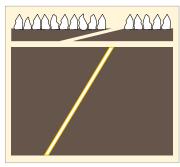


F4 :Straight Overlap (Standard Joint)

Straight overlapping glued joint. Suitable for metal and wood finishing applications with single and double joints. Especially used in precise surface applications with paper backings and finer grits.

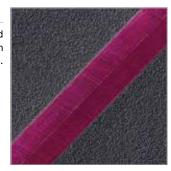




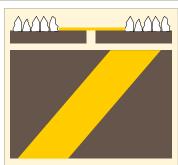


F5: Straight Overlap (Foil on Grit Side)

Straight overlapping glued joint, foil used in grit side. Suitable for wood calibration applications with single and double joints. Especially used in thick backings.







Safety Pictograms









AFR71



Product Description

Abrasive : Aluminum Oxide

Backing : F Weight Paper

Bond : Resin Over Resin

Coating : Antistatic & Closed

Grit Range : 40-600

Features : Ideal for

: 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 prevent the sticking of dust) with closed coated Aluminum Oxide abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	
Roll	-
Sheet	
Disc	•
Hook & Loop Disc	
Flap Disc	





Application Met	hod
Polishing	
Belt	Ŋ
Hand Use	
Wide Belt	
Floor Sanding	
Orbital Sander	
Hand Grinder	

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Cu Ni Nés Zn
	PVC
Cast Iron	

Features	
Antistatic Feature	+ANTI- STATIC
	*
	V+

CFR91

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Tibre Disc

Product Description

Abrasive : Silicon Carbide

Backing : F Weight Paper

Bond : Resin Over Resin

Coating : Antistatic & Semi-Open

Grit Range : 36-400

Features : Ideal for wood in wide belts, rolls and hook&loop discs. Antistatic F weight

paper and also antistatic coating (which prevent the sticking of dust) with semiopen coated Silicon Carbide abrasive.





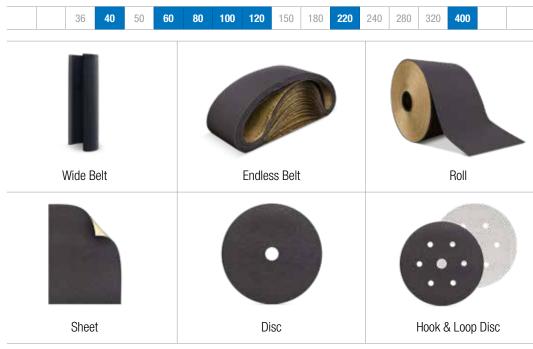
Applica

Wood

	(a)
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Features	
Antistatic Feature	+ANTI - Static
Suitable for Wet Applications	
Friction & Head Absorbant	*
	V-A

Glass / Stone / Granite / Ceramic





ZFR91



Product Description

Abrasive : Zirconia

Backing : F Weight Paper

Bond : Resin Over Resin

Coating : Antistatic & Semi-Open

Grit Range : 24-400

Features : 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 prevent the sticking of dust) with semi-

open coated Zirconia abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	
Roll	-
Sheet	
Disc	0
Hook & Loop Disc	
	10
Flap Disc	
Fibre Disc	







Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	lnox
	PVC

Glass / Stone / Granite / Cerami	ic
Features	
Antistatic Feature	+ANTI- STATIO
	*
	\\rightarrow\rightarro

NEW

CEFR91

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc

Product Description

Abrasive : Ceramic

Backing : F Weight Paper

Bond : Resin Over Resin

: Antistatic & Semi-Open Coating

: 24-220 Grit Range

24

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 prevent the sticking of dust) with semi-open coated

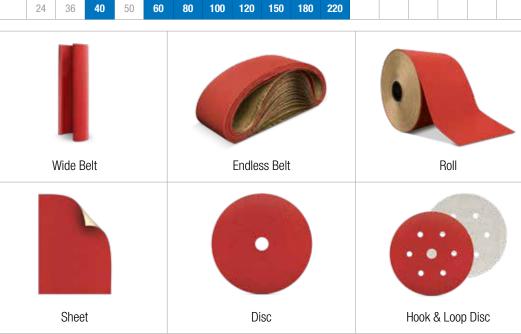
Ceramic abrasive.



Application Method	
Polishing	
Belt	Ŋ
Hand Use	
Wide Belt	
Floor Sanding	<u>}</u>
Orbital Sander	

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	lnex.
High Alloy Steel / Heat Resistant Steel	
	PVC
Cast Iron	

Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
	*
) :
	¥





AJR11



Product Description

Abrasive : Aluminum Oxide

Backing : J Cotton Cloth

Bond : Resin Over Resin : Closed

Grit Range : 40-400

Coating

: Ideal for wood and metal in shoprolls Features

and sheets. Flexible structure, easily

tearable by hand.

Product For	m
Jumbo Roll	
Wide Belt	
	6
Roll	
Sheet	
	10







Wood	
Low Alloy Steel	1
High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Cu Ni Nis Zn
	PVC
Cast Iron	

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

AJFR11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Flibre Disc

Product Description

Abrasive : Aluminum Oxide

Backing : J Flexible Cotton Cloth

Bond : Resin Over Resin

Coating : Top Size & Closed

Grit Range : 60-600

Features : Ideal for low alloy steel, stainless steel, brass, copper and non ferrous metal in belts and rolls. J flexible cotton cloth backing with Aluminum Oxide abrasive, also with friction and heat resistant Top

also with friction and heat resistant Top Size coating. Flexible structure, ideal for medical devices, kitchen accessories and relevant sectors. Easily tearable by

60

80

100

hand.







120

150

180

220

240

280

320

400

500

600



Friction & Head Absorbant

Flexible for Curved Surfaces

Easily Tearable by Hand



AJFR12



Product Description

Abrasive : Aluminum Oxide

: J Flexible Cotton Cloth Backing

Bond : Resin Over Resin

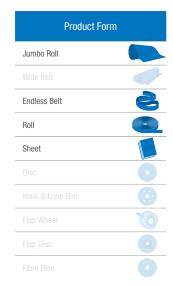
: Closed Coating

: 60-600 Grit Range

Features : Ideal for aluminium, zamak, brass, copper, non ferrous metal and wood in belts and rolls. J flexible cotton cloth backing

with Aluminum Oxide abrasive. Flexible structure, ideal for furniture accessories, hardware and relevant sectors. Easily

tearable by hand.









Application Meth	od
Polishing	
Belt	I
Hand Use	
Wide Belt	
Mini Belt	
Flap Wheel Machine	
Floor Sanding	
Orbital Sander	
Hand Grinder	

Application Area

Wood Low Alloy Steel

Aluminium / Zamak	
Brass / Cooper / Non Ferrous Metals	Cu Ni Ms Zn
Rubber / Plastic / Leather	PVC
	-
Features	
Antistatic Feature Suitable for Wet Applications	STATIO
	STATIO
Suitable for Wet Applications	\$ANTIO

AJFR10

Product Form Jumbo Roll Endless Belt Roll

Product Description

Abrasive : Aluminum Oxide

Backing : J Flexible Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Top Size & Closed

: 60-600 Grit Range

Features

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

and relevant sectors.



Application Method	
Polishing	
Belt	\mathcal{J}
Flap Wheel Machine	





Friction & Head Absorbant

Flexible for Curved Surfaces



CJFR11



Product Description

Abrasive : Silicon Carbide

Backing : J Flexible Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 60-320

Features : Ideal for br

Ideal for brass, copper, non ferrous steel, aluminium and zamak in belts and rolls. J flexible poly-cotton cloth backing with Silicon Carbide abrasive. Flexible structure, ideal for armature, valve and

relevant sectors.







Endless Belt



Roll





Low Alloy Steel	1
Stainless Steel / Inox	Inax
Aluminium / Zamak	
Brass / Cooper / Non Ferrous Metals	Cu Ni Ms Zn
	PV
Cast Iron	7
Glass / Stone / Granite / Ceramic	

Glass / Stone / Granite / Ceram	ic
Features	
Antistatic Feature	+ANTI- STATIO
	*
Flexible for Curved Surfaces	₩ ↑
Easily Tearable by Hand	

CJFR31

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Silicon Carbide

Backing : J Flexible Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Stearate & Closed

Grit Range : 60-320

Features : Ideal for brass, copper, non ferrous steel, aluminium and zamak in 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

60

80

100

120

150

180

220

240

relevant sectors.



Application Method	
Polishing	
Belt	A
	1





280

320





Friction & Head Absorbant

Features

Anti-Clogging

Flexible for Curved Surfaces

CEF51



Product Description

Abrasive : Ceramic

Backing : J Flexible Poly-Cotton Cloth

Bond : Resin Over Resin

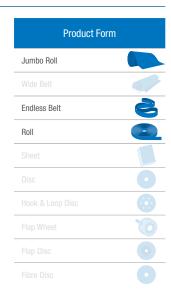
Coating : Top Size & Closed

Grit Range : 60-220

Features : Ideal for stainless steel, high alloy steel, heat resistant steel and cast iron in belts

and rolls. J flexible poly-cotton cloth backing with Ceramic abrasive, also with friction and heat resistant Top Size coating. Flexible structure, ideal for industrial kitchen accessories, medical devices, precision casting and relavant

sectors.







Endless Belt



Roll





Low Alloy Steel	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Cu Ni His Zn
	PV
Cast Iron	-

Features	
Antistatic Feature	+ANTI- STATIC
Friction & Head Absorbant	*
) :
Flexible for Curved Surfaces	₩
Easily Tearable by Hand	

AXFR11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc O

Product Description

Abrasive : Aluminum Oxide

Backing : X Semi Flexible Cotton Cloth

Bond : Resin Over Resin

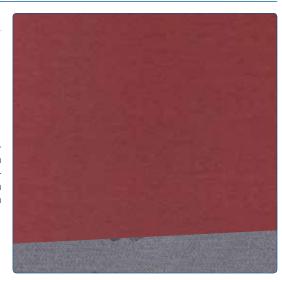
Coating : Closed

Grit Range : 40-600

Features

Ideal for sanding low alloy steel, stainless steel, rubber, plastic and leather in belts, rolls and flap wheels. X semi flexible cotton cloth backing with Aluminum Oxide abrasive. Flexible structure with

long life. Easily tearable by hand.







Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
	*
	3
Flexible for Curved Surfaces	₩
Easily Tearable by Hand	





AX0P21



Product Description

Abrasive : Aluminum Oxide

Backing : X Standard Cotton Cloth

Bond : Resin Over Resin

Coating : Semi Open

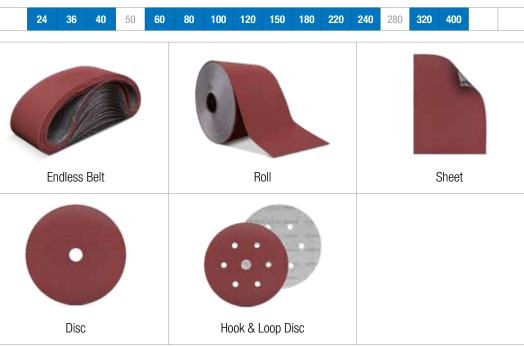
Grit Range : 24-400

Features : Ideal for sanding wood, aluminium,

zamak and low alloy steel in belts, rolls and hook&loop discs. X standard cotton cloth backing with semi open Aluminum

Oxide abrasive.

Product Fori	n
Jumbo Roll	
Endless Belt	8
Roll	
Sheet	
Disc	•
Hook & Loop Disc	
Flap Disc	





Application Method Polishing Belt Hand Use Wide Belt Mini Belt Flap Wheel Machine Floor Sanding Orbital Sander Hand Grinder

Cu Ni Mis Zn
PV
7

Glass / Stone / Granite / Ceram	ic
Features	
Antistatic Feature	+ANTI- STATIC
	*
	V+

AXER11

Product Form Jumbo Roll Endless Belt Roll Flap Disc

Product Description

Abrasive : Aluminum Oxide

Backing : X Heavy Cotton Cloth

Bond : Resin Over Resin

Coating : Closed

: 36-120 Grit Range

Features

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

abrasive.





Application Area

Wood

Low Alloy Steel

Rubber / Plastic / Leather

Features







ZXR11



Product Description

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 24-120

Features : Ideal for sanding low alloy steel, stainless steel, aluminium, zamak and non

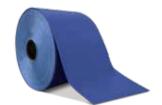
ferrous steel in belts, rolls, hook&loop discs and flap discs. X heavy cotton cloth backing with Zirconia abrasive.

Product Form	
Jumbo Roll	
Endless Belt	
Roll	
Disc	0
Hook & Loop Disc	•
	10
Flan Disc	





Endless Belt



Roll



Flap Disc



Disc



Hook & Loop Disc



Application Me	thod
Polishing	Olim-
Belt	¥
Hand Use	
Mini Belt	
Floor Sanding	
Orbital Sander	
Hand Grinder	

Low Alloy Steel	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Ctal Nii Bêss Zm
	PVC
Cast Iron	

Application Area

Features	
Antistatic Feature	+ANTI- STATIC
	*
	¥

AXPR11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Flore Disc The Disc

Product Description

Abrasive : Aluminum Oxide

Backing : X Heavy Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 24-400

24

36

40

Features

Ideal for sanding low alloy steel, aluminium, zamak, non ferrous steel, cast iron and wood in belts, rolls and flap discs.

X heavy poly-cotton cloth backing with

Aluminum Oxide abrasive.

50

60

80







100

120

150

180

220

240

280

320

400





ZXPR11



Product Description

Abrasive : Zirconia

Backing : X Heavy Poly-Cotton Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 24-120

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

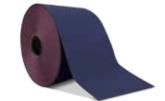
backing with Zirconia abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	
Roll	
Disc	
Flap Disc	





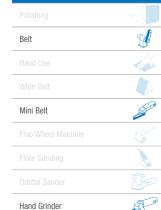




Roll



Flap Disc



Application Method



Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Cu Ni Ni Nis Zn
	PVC
Cast Iron	

<u> </u>
+ ANTI- STATIO
*
V+T

ZXPR22

Product Form Jumbo Roll Endless Belt Roll Flap Disc

Product Description

Abrasive : Zirconia

: Y Poly-Cotton Cloth Backing

Bond : Resin Over Resin

Coating : Closed

: 24-120 Grit Range

24

36

40

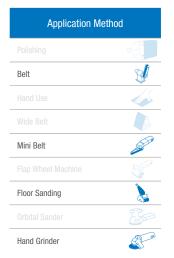
Features

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

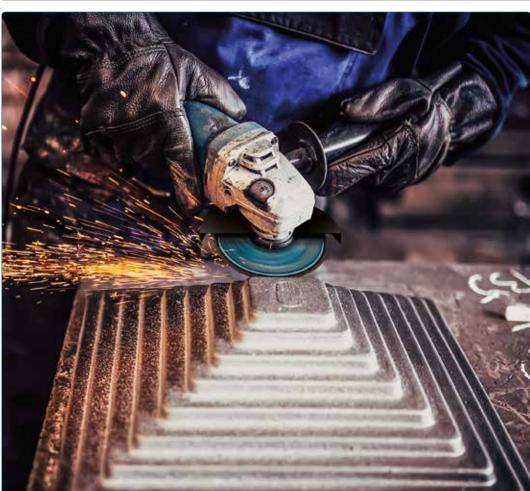
60

ing and 100% Zirconia abrasive.











Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
	*
) :
Flexible for Curved Surfaces	VIT.

CEY51



Product Description

Abrasive : Ceramic

: Y Poly-Cotton Cloth Backing

Bond : Resin Over Resin

: Top Size & Closed Coating

: 36-120 Grit Range

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

iron in belts, rolls and flap discs. Y poly-cotton cloth backing with Ceramic abrasive, also with friction and heat re-

sistant Top Size coating.

Product For	m
Jumbo Roll	
Wide Belt	
Endless Belt	
Roll	<u></u>
Sheet	
Disc	
Hook & Loop Disc	
Flap Wheel	
Flap Disc	

Application Method





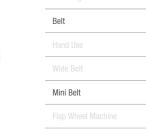
Endless Belt



Roll



Flap Disc











Wood	
Stainless Steel / Inox	lnox
High Alloy Steel / Heat Resistant Steel	
	PVC
Cast Iron	
Glass / Stone / Granite / Ceramic	

Cast Iron	7
Features	
Antistatic Feature	+ANTI STATI
Friction & Head Absorbant	*
	L
Easily Tearable by Hand	

AYXR11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Flore Disc

Product Description

Abrasive : Aluminum Oxide

Backing : YY Polyester Cloth

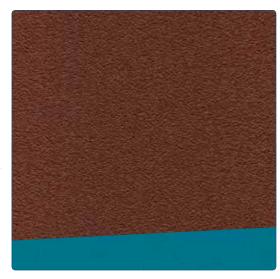
Bond : Resin Over Resin

Coating : Closed

Grit Range : 16-600

Features

: Ideal for sanding low alloy steel, stainless steel, high alloy steels, heat resistant steels, plastic, leather, rubber and wood in belts, rolls and hook&loop discs. YY polyester cloth backing with aggressive Aluminum Oxide abrasive. Suitable for wet applications.





Application Area

Wood

Low Alloy Steel

Stainless Steel / Inox High Alloy Steel / Heat Resistant Steel

Rubber / Plastic / Leather









ZYYR11



Product Description

Abrasive : Zirconia

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 24-120

Features : Ideal for sanding low alloy steel, stain-

less steel, high alloy steel, heat resistant steel, aluminium, zamak, cast iron, plastic, leather, rubber and wood in belts, rolls and hook&loop discs; ideal for parquet. High stock removal and long life with YY polyester cloth backing and 100% Zirconia abrasive. Suitable for wet

applications.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	
Roll	-
Disc	•
Hook & Loop Disc	







Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
Aluminium / Zamak	
Rubber / Plastic / Leather	PVC
Cast Iron	

Oddt IIOII	<u> </u>
Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
	*
	V-A

ZYYR51

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Zirconia

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Top Size & Closed

Grit Range : 24-120

24

36

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

iron materials in belts and rolls. High stock removal and long life with YY polyester cloth backing with 100% Zirconia abrasive, also with friction and heat resistant Top Size coating. Suitable for

wet applications.

40

50



Application Method	
Polishing	
Belt	\mathcal{J}
Wide Belt	
Mini Belt	
	J.



60

80

100

120



Wide Belt

Endless Belt

Roll





Features

ITEM STATE

Suitable for Wet Applications

Friction & Head Absorbant

Flexible for Curved Surfaces

asily Tearable by Hand

CYXR11



Product Description

Abrasive : Silicon Carbide

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Closed

Grit Range : 16-400

Features : Ideal for sanding glass, stone, granite, ceramic, wood, brass, copper and non ferrous metals in belts, rolls and hook&loop discs; ideal for floor sanding. YY polyester cloth backing with Silicon Carbide abrasive. Suitable for wet appli-

cations.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	8
Roll	
Disc	0
Hook & Loop Disc	
	10
Flap Disc	
Fibre Disc	





Application Me	ethod
Polishing	0 1 2 2
Belt	\mathcal{J}
Hand Use	
Wide Belt	
Mini Belt	
Flap Wheel Machine	
Floor Sanding	
Orbital Sander	

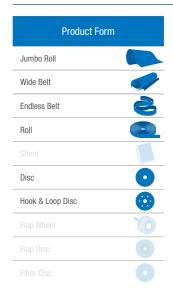
Application Area

Wood

Brass / Cooper / Non Ferrous Metals	Cu Ni Ms Zn
	PVC
Glass / Stone / Granite / Ceramic	
Glass / Stone / Granite / Ceramic Features	
	+ANTI- STATIC
Features	+ANTI- STATIC
Features Antistatic Feature	÷ANTI- STATIC
Features Antistatic Feature Suitable for Wet Applications	÷ANTI- static
Features Antistatic Feature Suitable for Wet Applications Friction & Head Absorbant	STATTIC STATTIC

NEW

CEYYR21



Product Description

Abrasive : Ceramic

Backing : YY Polyester Cloth

Bond : Resin Over Resin

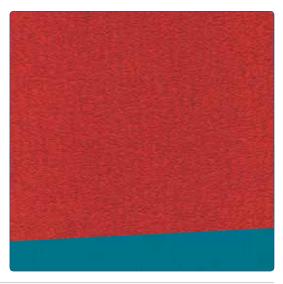
Coating : Semi Open

Grit Range : 24-120

Features : Ideal for sanding wooden floor, brass, copper and non ferrous metals in end-

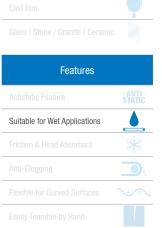
less belts, rolls and hook&loop discs. YY polyester cloth backing with semi open coated Ceramic abrasive. Suitable for

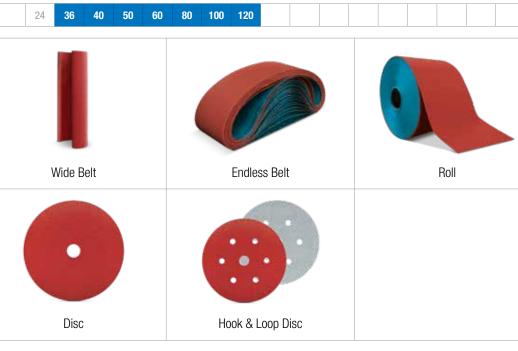
wet applications.



Application Method									
Polishing	O TRA								
Belt	A								
Wide Belt									
Mini Belt									
Floor Sanding									
Orbital Sander									

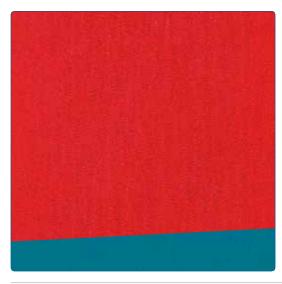








CEYYR51



Product Description

Abrasive : Ceramic

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Top Size & Closed

Grit Range : 24-120

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

steel and cast iron in belts and rolls. YY polyester cloth backing with Ceramic abrasive, also with friction and heat resistant Top Size coating. Suitable for

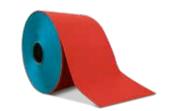
wet applications.

Product For	m
Jumbo Roll	
Endless Belt	3
Roll	
Sheet	
	10





Endless Belt



Roll







Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
Friction & Head Absorbant	*
	VIT.

AGYYR21



Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Compact Aluminum Oxide

Backing : YY Polyester Cloth

Bond : Resin Over Resin

Coating : Semi Open

Grit Range : 80-600

Features : Ideal for polishing and finishing low alloy steel, stainless steel, high alloy steel and heat resistant steel in belts and rolls; ideal for centerless grinding. YY polyester cloth backing with semi open coated Compact Aluminum Oxide abrasive.

Suitable for wet applications.



Application Method									
Polishing									
Belt	Ŋ								
Wide Belt									
Orbital Sander									
Hand Grinder									

	80	120	180	240	320 40	600
Wide Belt	t			Endles	s Belt	
Roll				Dis	GC GC	





Friction & Head Absorbant

CZR71



Product Description

Abrasive : Silicon Carbide

Backing : Z Polyester Cloth

Bond : Resin Over Resin

Coating : Antistatic & Closed

Grit Range : 40-220

Features : Ideal for sanding wood, glass, stone and ceramic in segmented belts. Antistatic

Z polyester cloth backing and also antistatic coating with Silicon Carbide abrasive which prevents dust sticking. Suita-

ble for wet applications.

Product Form	
Jumbo Roll	
Wide Belt	
	8
Roll	
Sheet	
Disc	
Flap Wheel	10
Flap Disc	
Fibre Disc	

40 50 60 80 100 120 150 180 220	
---------------------------------	--



Wide Belt



Application Method	d
Polishing	
	A
Hand Use	
Wide Belt	
	1

Application Area

Wood

High Alloy Steel / Heat Resistant Steel	
Brass / Cooper / Non Ferrous Metals	Cu Ni Nis Zn
	PVC
Cast Iron	
Features	
Antistatic Feature	+ANTI- STATIC
Suitable for Wet Applications	
Friction & Head Absorbant	W. W.
Anti-Clogging	

AWER11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Aluminum Oxide

Backing : Vulcanized Fibre (0,7mm)

Bond : Resin Over Resin

Coating : Closed

Grit Range : 24-120

Features

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

abrasive.

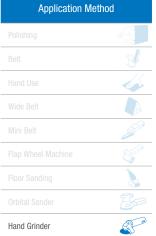


- 1	24	36	40	50	60	80	100	120									
-----	----	----	----	----	----	----	-----	-----	--	--	--	--	--	--	--	--	--



Fibre Disc





Application Area

Wood

Low Alloy Steel

Aluminium / Zamak



AWR11



Product Description

Abrasive : Aluminum Oxide

Backing : Vulcanized Fibre (0,8mm)

Bond : Resin Over Resin

Coating : Closed

Grit Range : 16-320

Features : Ideal for sanding low alloy steel, stainless steel, aluminium, zamak and wood in fibre discs. Vulcanized fibre backing

with Aluminum Oxide abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
	8
Roll	(3)
	10
Flap Disc	
Fibre Disc	•

16	24	36	40	50	60	80	100	120	150	180	220	240	280	320			
----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	--	--	--



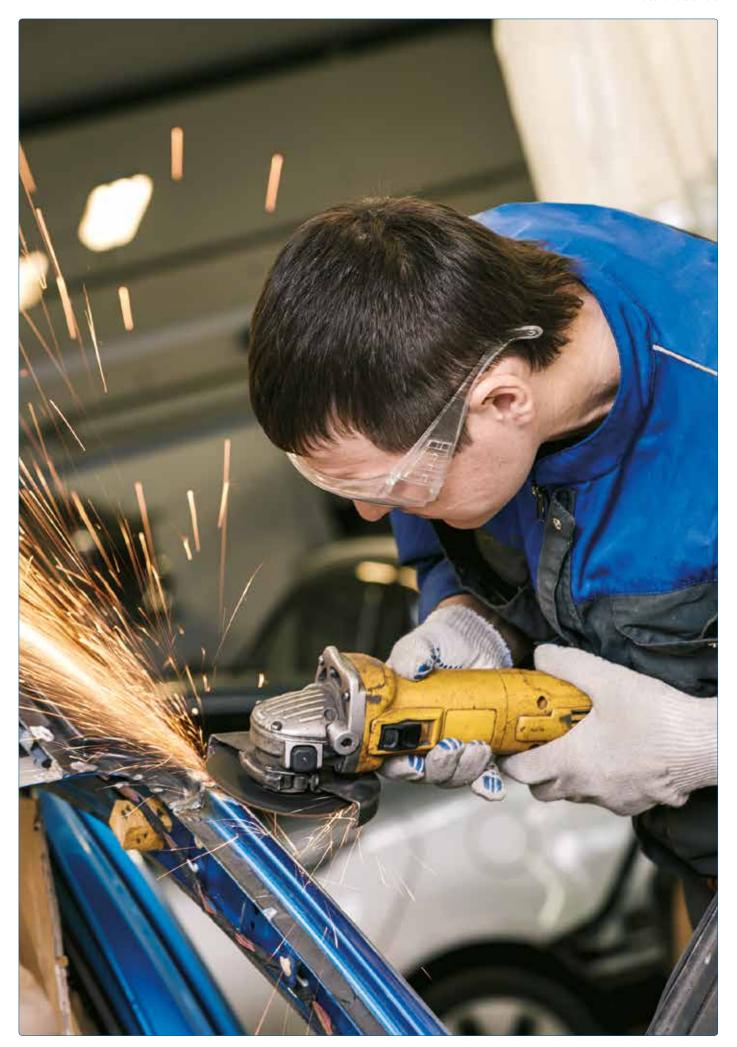
Fibre Disc



Application Me	ethod
Polishing	
	8/
Hand Grinder	

Application Area	
Wood	
Low Alloy Steel	
Stainless Steel / Inox	Inox
Aluminium / Zamak	
Brass / Cooper / Non Ferrous Metals	Cu Ni Nis Zn
	PVC

	7
Features	
Antistatic Feature	+ANTI- STATIO
	*
	V-
Easily Tearable by Hand	



CWR11



Product Description

Abrasive : Silicon Carbide

Backing : Vulcanized Fibre (0,8mm)

Bond : Resin Over Resin

Coating : Closed

Grit Range : 16-400

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

with Silicon Carbide abrasive.

Product Form	
Jumbo Roll	
Wide Belt	
Endless Belt	8
Roll	(=)
	10
Flap Disc	
Fibre Disc	0

16	24	36	40	50	60	80	100	120	150	180	220	240	280	320	400		
----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--	--



Fibre Disc



Application ivid	eulou
Polishing	
	8
Hand Grinder	

Wood	
Brass / Cooper / Non Ferrous Metals	Cu Ni Ms Zn
	PV
	Ţ
Glass / Stone / Granite / Ceramic	

Glass / Stone / Granite / Cerami	ic
Features	
Antistatic Feature	+ANTI- STATIC
	*
	V

ZWR11

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Zirconia

Backing : Vulcanized Fibre (0,8mm)

Bond : Resin Over Resin

Coating : Closed
Grit Range : 24-120

Features : Ideal for sanding low alloy steel, stain-

less steel, high alloy steel, heat resistant steel, aluminium, zamak and cast iron in fibre discs. Vulcanized fibre backing

with Zirconia abrasive.



24	36	40	50	60	80	100	120					



Fibre Disc





Application Area

Low Alloy Steel
Stainless Steel / Inox

High Alloy Steel / Heat Resistant Steel

Aluminium / Zamak

Brass / Cooper / Non Ferrous Metals

Rubber / Plastic / Leather

Cast Iron

Glass / Stone / Granite / Ceramic

Features

Antistatic Feature

Suitable for Wet Applications

ZWR51



Product Description

Abrasive : Zirconia

Backing : Vulcanized Fibre (0,8mm)

Bond : Resin Over Resin

Coating : Top Size & Closed

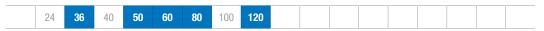
Grit Range : 24-120

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 Top Size coat-

ing.







Fibre Disc



Application Me	ethod
Polishing	
	8
Hand Grinder	

Hand Grinder	
Application Area	
Wood	
Stainless Steel / Inox	Inox
High Alloy Steel / Heat Resistant Steel	
	PVC
Cast Iron	-
Glass / Stone / Granite / Ceramic	
Features	
Antistatic Feature	+ANTI- STATIC

Friction & Head Absorbant

CER51

Product Form Jumbo Roll Wide Belt Endless Belt Roll Sheet Disc Hook & Loop Disc Flap Wheel Flap Disc Fibre Disc

Product Description

Abrasive : Ceramic

Backing : Vulcanized Fibre (0,85mm)

Bond : Resin Over Resin

Coating : Top Size & 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 Ceramic abrasive and also with friction and heat resistant Top Size

coating.



24	36	40	50	60	80	100	120					
24	30	70	30	00	00	100	120					



Fibre Disc





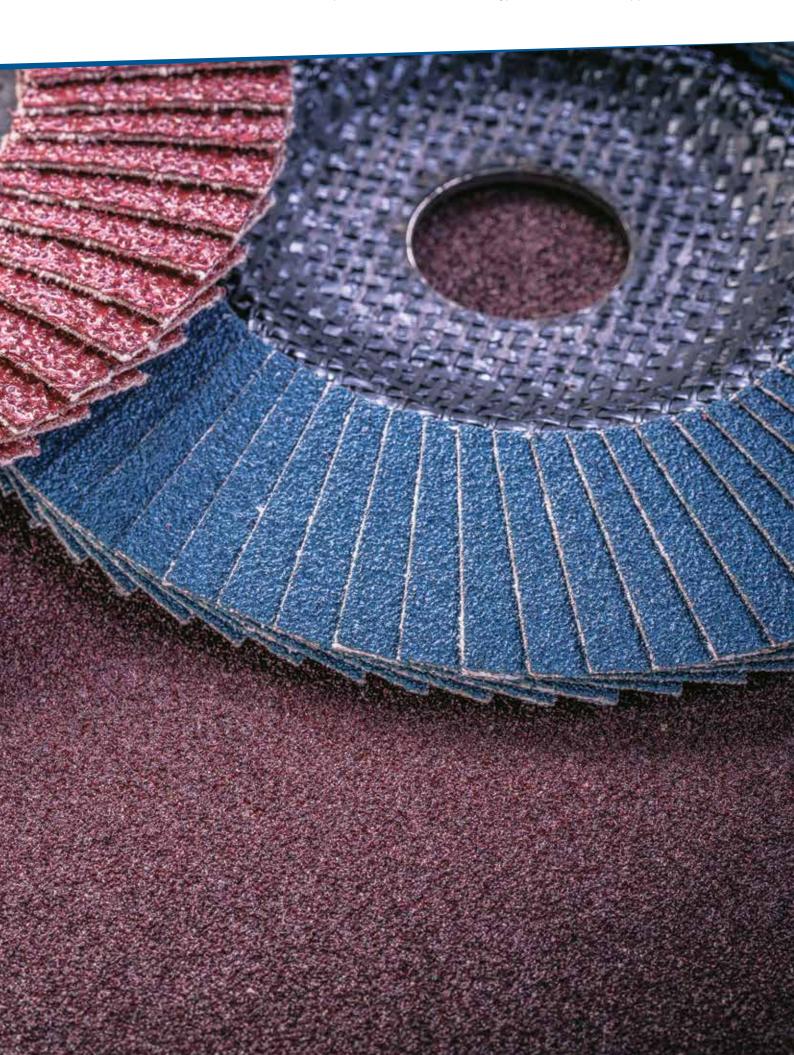
Cast Iron

Features

Friction & Head Absorbant

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 5 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 2 main groups; **Comfort Line** with cotton abrasive backing 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
Comfontling	Aluminum Oxide	AXER11	X Heavy	AOO	AO COMPANY	
Comfort Line	ZR Zirconia	ZXR11	Cotton Cloth	ZR O	ZR O	ZR O
	Aluminum Oxide	AXPR11	X Heavy Poly-Cotton Cloth		AOO	
Premium Line	100% ZR zirconia	ZXPR22	Y Poly-		ZR O	TRO .
	CECETAMIC	CEY51	Cotton Cloth		CE	



Categories

Comfort Line

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

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





- In 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



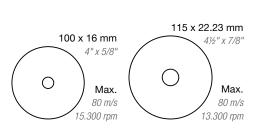
- · Used in flat surfaces
- Ideal for blending and finishing
- Applied primarily between 0° to 15°

Conical Type

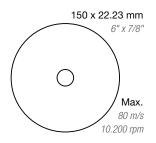


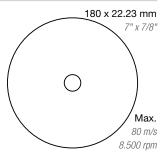
- · Used in concaved surfaces and edges
- · High stock removal with best surface contact
- Applied primarily between 15° to 25°

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

ZR

Abrasive

Zirconia abrasive. Good stock removal performance. Resistant to high pressure and temperature.

Backing

X Heavy Cotton Cloth

Application Area

Weld grinding, deburring and blending applications for Steel and Stainless Steel (Inox).



Iron and sulfur less than 0.1%.

Comfort Line

Aluminum Oxide

Abrasive

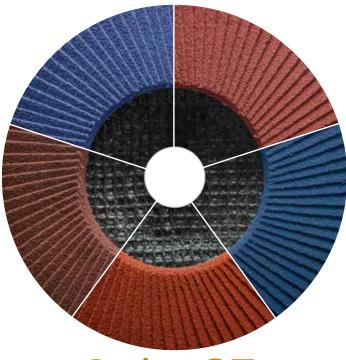
Aluminum Oxide abrasive. Good stock removal performance.

Backing

X Heavy Cotton Cloth

Application Area

Multipurpose grinding for steel and metal.



Premium Line



Abrasive

Ceramic abrasive. High stock removal performance with low effort. Heat absorbant, long lifetime.

Backing

Y Poly-Cotton Cloth

Application Area

Suitable for hand tools operated with high pressure for Stainless Steel (*Inox*) and High Alloy Steel.



Iron and sulfur less than 0.1%.

Premium Line



Abrasive

Aluminum Oxide abrasive. Very good stock removal performance.

Backing

X Ağır Polycotton Bez

Application Area

Multipurpose grinding for steel and metal.

Premium Line



Abrasive

100% Zirconia abrasive. Very good stock removal performance. Resistant to high pressure and temperature.

Backing

Y Poly-Cotton Cloth

Application Area

Weld grinding, deburring and blending applications for Steel and Stainless Steel (*Inox*).



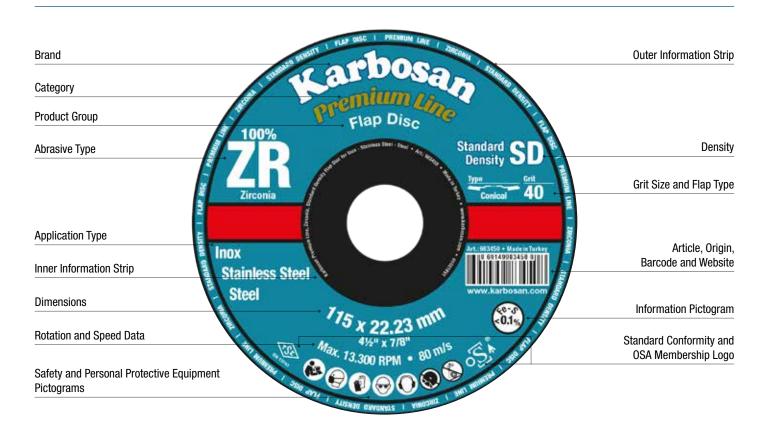
Iron and sulfur less than 0.1%.



Application and Performance Table



Label Information



COMFORT LINE FLAP DISCS





Comfort Line

LD Low Density

> Stock Removal Lifetime

> > 100

00000

120

Product Description

Product Code : AXER11

Abrasive : Aluminum Oxide

Backing : X Heavy Cotton Cloth

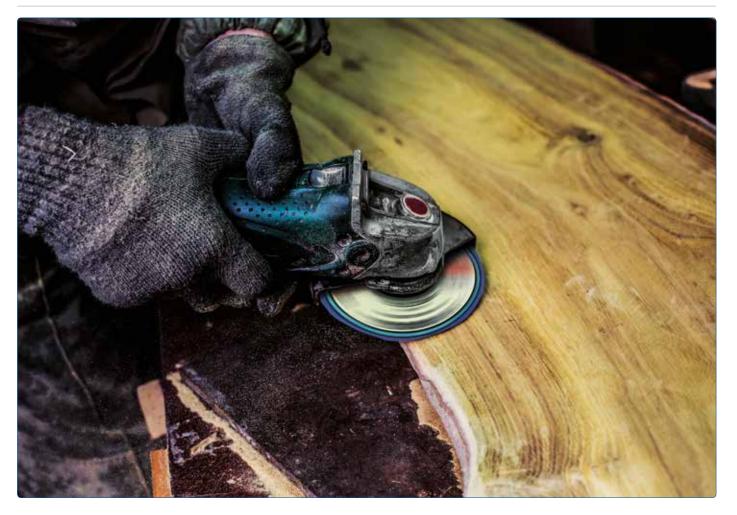
Application : Multipurpose grinding for steel and metal.

Density : Less flap version Low Density flap discs are economic with

required performance.

50

								· · · · · · · · · · · · · · · · · · ·		
Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Вох	M. Box
115 ×22.23		981165	981170	981175	981180	981185	981190	981195	10	120
125 ×22.23	80	981325	981330	981335	981340	981345	981350	981355	10	120
180 ×22.23		981645	981650	981655	981660	981665	981670	981675	10	80
115 ×22.23		981205	981210	981215	981220	981225	981230	981235	10	120
125 ×22.23	80	981365	981370	981375	981380	981385	981390	981395	10	120
180 ×22.23		981685	981690	981695	981700	981705	981710	981715	10	80
	115 × 22.23 125 × 22.23 180 × 22.23 115 × 22.23 125 × 22.23	115 ×22.23 125 ×22.23 180 ×22.23 115 ×22.23 125 ×22.23 80	115 ×22.23 981165 125 ×22.23 80 981325 180 ×22.23 981645 115 ×22.23 981205 125 ×22.23 80 981365	115 ×22.23 80 981165 981170 125 ×22.23 80 981325 981330 180 ×22.23 981645 981650 115 ×22.23 981205 981210 125 ×22.23 80 981365 981370	115 ×22.23 80 981165 981170 981175 125 ×22.23 80 981325 981330 981335 180 ×22.23 981645 981650 981655 115 ×22.23 981205 981210 981215 125 ×22.23 80 981365 981370 981375	115 × 22.23 80 981165 981170 981175 981180 125 × 22.23 80 981325 981330 981335 981340 180 × 22.23 981645 981650 981655 981660 115 × 22.23 981205 981210 981215 981220 125 × 22.23 80 981365 981370 981375 981380	115 × 22.23 80 981165 981325 981330 981335 981340 981345 180 × 22.23 981645 981650 981655 981660 981665 115 × 22.23 981205 981210 981215 981220 981225 125 × 22.23 80 981365 981370 981375 981380 981385	115 × 22.23 80 981165 981325 981330 981335 981340 981345 981350 180 × 22.23 981645 981650 981655 981660 981665 981670 115 × 22.23 981205 981210 981215 981220 981225 981230 125 × 22.23 80 981365 981370 981375 981380 981385 981390	115 x 22.23 80 981165 981170 981175 981180 981185 981190 981195 125 x 22.23 80 981325 981330 981335 981340 981345 981350 981355 180 x 22.23 981645 981650 981655 981660 981665 981670 981675 115 x 22.23 981205 981210 981215 981220 981225 981230 981235 125 x 22.23 80 981365 981370 981375 981380 981385 981390 981395	115 × 22.23 80 981165 981170 981175 981180 981185 981190 981195 10 125 × 22.23 80 981325 981330 981335 981340 981345 981350 981355 10 180 × 22.23 981645 981650 981655 981660 981665 981670 981675 10 115 × 22.23 981205 981210 981215 981220 981225 981230 981235 10 125 × 22.23 80 981365 981370 981375 981380 981385 981390 981395 10





Comfort Line

SD Standard Density



Stock Removal

Product Description

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 stock removal operations.

36	40	50	60	80	100	120				No. of Concession, Name of Street, or other Persons, Name of Street, or ot	0003	No. of Street,	
Туре	Dimension	(mm)	Peripheral Sp	peed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Вох	M. Box
	100 ×16				-	981090	-	981100	981105	-	981115	10	120
	115 ×22.2	23			981245	981250	981255	981260	981265	981270	981275	10	120
Flat	125 ×22.2	23	80		981405	981410	981415	981420	981425	981430	981435	10	120
Tiat	150 ×22.2	23			-	981570	-	981580	981585	-	981595	10	80
	180 ×22.2	23			981725	981730	981735	981740	981745	981750	981755	10	80
	100 ×16				-	981130	-	981140	981145	-	981155	10	120
	115 ×22.2	23			981285	981290	981295	981300	981305	981310	981315	10	120
Conical	125 ×22.2	23	80		981445	981450	981455	981460	981465	981470	981475	10	120
Cornical	150 ×22.2	23			-	981610	-	981620	981625	-	981635	10	80
	180 ×22.2	23			981765	981770	981775	981780	981785	981790	981795	10	80





COMFORT LINE FLAP DISCS





Comfort Line



Stock Removal Lifetime ••000

Product Description

Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for Steel

and Stainless Steel (Inox).

Density : Less flap version Low Density flap discs are economic with

required performance

	The same of the		1000 111111 01	. ,	00	40	00	00	00	100	120
Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Box	M. Box
	115 ×22.23		982045	982050	982055	982060	982065	982070	982075	10	120
Flat	125 ×22.23	80	982285	982290	982295	982300	982305	982310	982315	10	120
i iai	180 ×22.23	-	982685	982690	982695	982700	982705	982710	982715	10	80
	115 ×22.23		982085	982090	982095	982100	982105	982110	982115	10	120
Conical	125 ×22.23	80	982325	982330	982335	982340	982345	982350	982355	10	120
OGITICAL	180 ×22.23	-	982725	982730	982735	982740	982745	982750	982755	10	80







Stock Removal

•••••

Product Description

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 stock removal operations.

36	40	50	60	80	100	120		and sulfur than 0.1%.	0.1%		000€	No September	
Туре	Dimension	(mm)	Peripheral Sp	peed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Вох	M. Box
	100 × 16				-	981890	-	981900	981905	-	981915	10	120
	115 ×22.2	13			982125	982130	982135	982140	982145	982150	982155	10	120
Flat	125 ×22.2	23	80		982365	982370	982375	982380	982385	982390	982395	10	120
Flat	150 ×22.2	23				982610	-	982620	982625	-	982635	10	80
	180 ×22.2	23			982765	982770	982775	982780	982785	982790	982795	10	80
	100 × 16				-	981930	-	981940	981945	-	981955	10	120
	115 ×22.2	23			982165	982170	982175	982180	982185	982190	982195	10	120
Conical	125 ×22.2	23	80	_		982410	982415	982420	982425	982430	982435	10	120
Oorneal	150 ×22.2	23			-	982650	-	982660	982665	-	982675	10	80
	180 ×22.2	!3			982805	982810	982815	982820	982825	982830	982835	10	80





COMFORT LINE FLAP DISCS





Comfort Line

HD High Density



Stock Removal

Product Description

Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Application : Weld grinding, deburring and blending applications for Steel

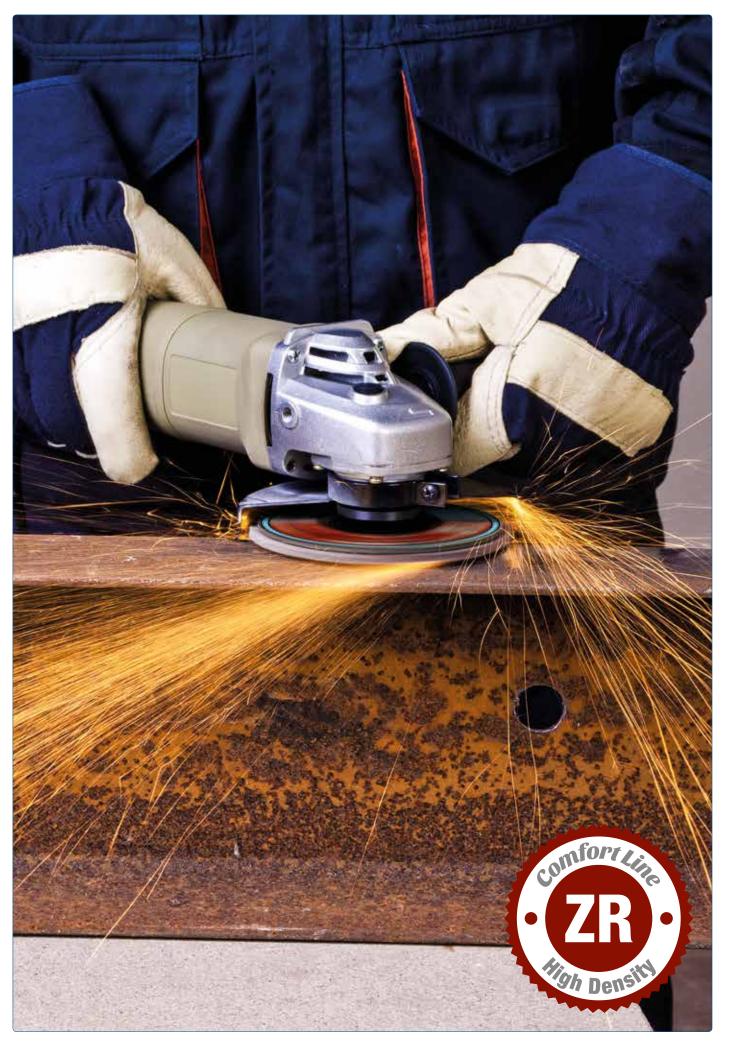
and Stainless Steel (Inox).

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

aggressive sanding of curved and wide surfaces.

	District of the		icos trair o	1 70.	30	40	50	00	00	100	120
Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Box	M. Box
	115 ×22.23		-	982210	-	982220	982225	-	982235	10	120
Flat	125 ×22.23	-	-	982450	-	982460	982465	-	982475	10	120
i idi	180 ×22.23	-	-	930748	-	930753	930754	-	930756	10	80
	115 ×22.23		-	982250	-	982260	982265	-	982275	10	120
Conical	125 ×22.23	-	-	982490	-	982500	982505	-	982515	10	120
Cornoai	180 ×22.23	-	-	930770	-	930772	930773	-	930775	10	80





PREMIUM LINE FLAP DISCS





Premium Line

SD Standard Density



Stock Removal •••••
Lifetime

100

120

Product Description

Product Code : AXPR11

Abrasive : Aluminum Oxide

Backing : X Heavy Poly-Cotton Cloth

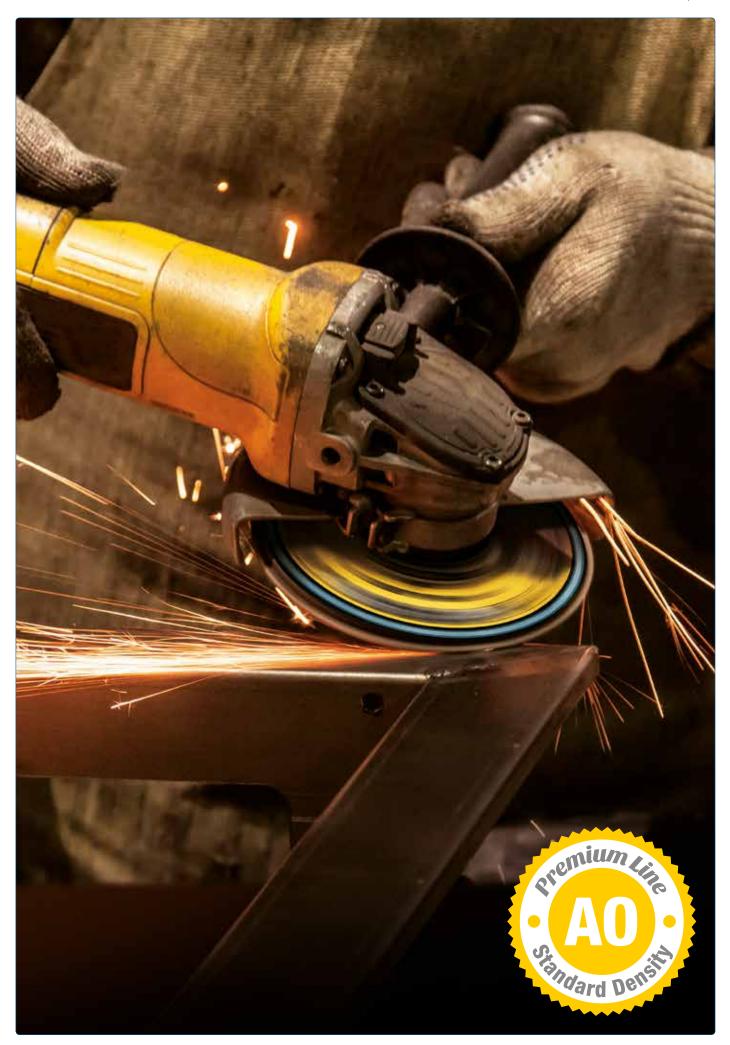
Application : Multipurpose aggressive grinding for steel and metal.

Density: Optimum flap version Standard Density flap discs are

preferred in high stock removal operations.

Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Вох	M. Box
	100 ×16		-	982850	-	982860	982865	-	982875	10	120
	115 ×22.23		982925	982930	982935	982940	982945	982950	982955	10	120
Flat	125 ×22.23	80	983005	983010	983015	983020	983025	983030	983035	10	120
riat	150 ×22.23	00	-	983090	-	983100	983105	-	983115	10	80
	180 ×22.23		983165	983170	983175	983180	983185	983190	983195	10	80
	100 ×16		-	982890	-	982900	982905	-	982915	10	120
	115 ×22.23	-	982965	982970	982975	982980	982985	982990	982995	10	120
Conical	125 ×22.23	80	983045	983050	983055	983060	983065	983070	983075	10	120
	150 ×22.23		-	983130	-	983140	983145	-	983155	10	80
	180 ×22.23		983205	983210	983215	983220	983225	983230	983235	10	80









100% Premium Line

SD Standard Density

Stock Removal Lifetime



Product Description

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: Optimum flap version Standard Density flap discs are

preferred in high stock removal operations.

	STATE OF THE PARTY.		iooo inan o.	770.	30	70	50	00	00	100	120
Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Box	M. Box
	100 ×16		-	983250	-	983260	983265	-	983275	10	120
	115 ×22.23		983405	983410	983415	983420	983425	983430	983435	10	120
Flat	125 ×22.23	80	983565	983570	983575	983580	983585	983590	983595	10	120
riai	150 ×22.23	-	-	983730	-	983740	983745	-	983755	10	80
	180 ×22.23	_	983885	983890	983895	983900	983905	983910	983915	10	80
	100 ×16		-	983290	-	983300	983305	-	983315	10	120
	115 ×22.23	-	983445	983450	983455	983460	983465	983470	983475	10	120
Conical	125 ×22.23	80	983605	983610	983615	983620	983625	983630	983635	10	120
Conical	150 ×22.23	-	-	983770	-	983780	983785	-	983795	10	80
	180 ×22.23		983925	983930	983935	983940	983945	983950	983955	10	80





100% Premium Line





Stock Removal
Lifetime

Product Description

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.

36	40 50	60 80	100	120		than 0.1%.	0.1%)	THE REAL PROPERTY.		NO STATE OF THE PARTY OF THE PA	
Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	Box	M. Box
	115 × 22.23		-	983490	-	983500	983505	-	983515	10	120
Flat	125 ×22.23	80	-	983650	-	983660	983665	-	983675	10	120
riat	180 ×22.23	_	-	983970	-	983980	983985	-	983995	10	80
	115 × 22.23		-	983530	-	983540	983545	-	983555	10	120
Conical	125 ×22.23	80	-	983690	-	983700	983705	-	983715	10	120
Cornical	180 ×22.23		-	984010	-	984020	984025	-	984035	10	80









Premium Line

SD Standard Density

Stock Removal Lifetime •••••

Product Description

Product Code : CEY51

Abrasive : Ceramic

Backing : Y Poly-Cotton Cloth

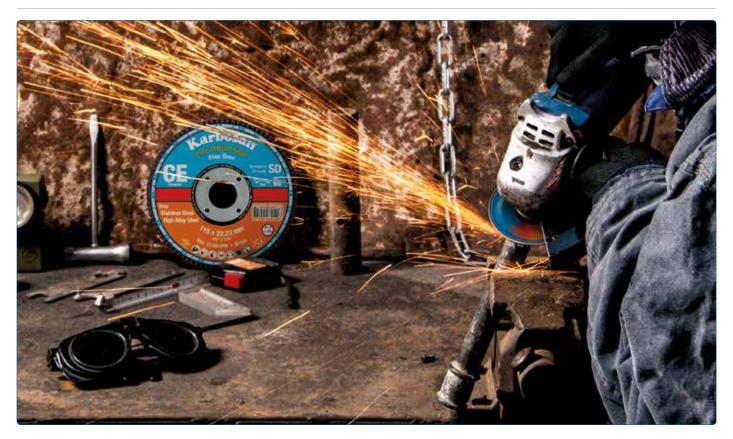
Application : Suitable for hand tools operated with high pressure for

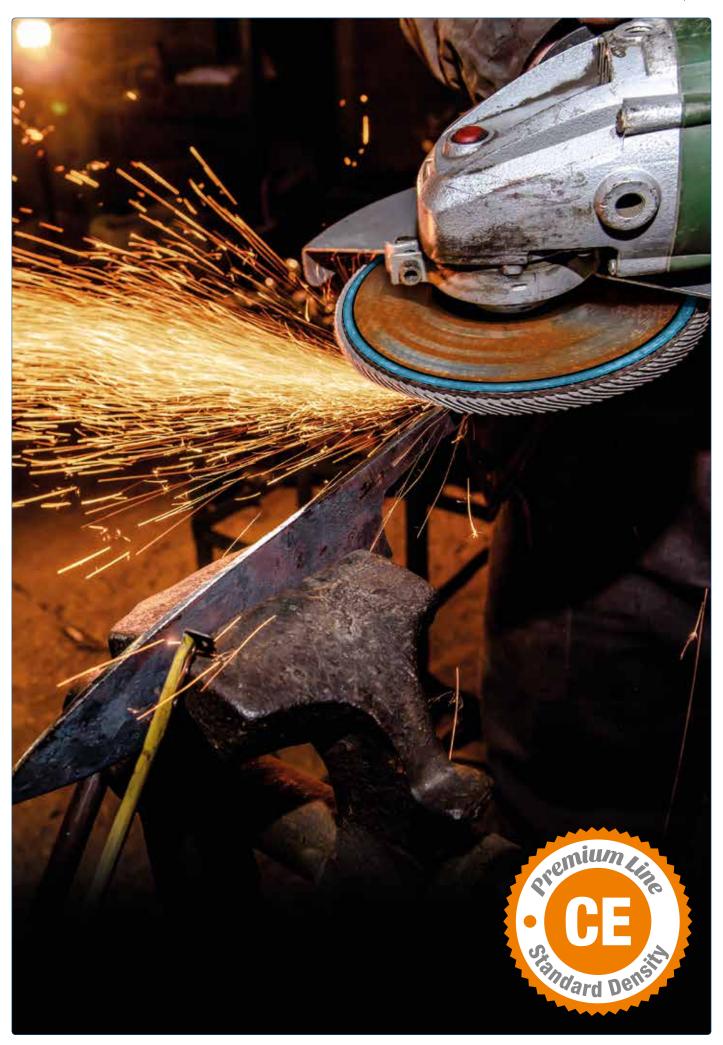
Stainless Steel (Inox) and High Alloy Steel.

Density : Optimum flap version Standard Density flap discs are

preferred in high stock removal operations.

	THE PERSON NAMED IN		1033 triair 0.1 /0.		30 40	30	00	80		120
Туре	Dimension (mm)	Peripheral Speed (m/s)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	120 Grit	Box	M. Box
	100 ×16		984045	984050	984055	984060	984065	984075	10	120
	115 ×22.23		984125	984130	984135	984140	984145	984155	10	120
Flat	125 ×22.23	80	984205	984210	984215	984220	984225	984235	10	120
Tiat	150 ×22.23	_	984285	984290	984295	984300	984305	984315	10	80
	180 ×22.23	_	984365	984370	984375	984380	984385	984395	10	80
	100 ×16		984085	984090	984095	984100	984105	984115	10	120
	115 ×22.23		984165	984170	984175	984180	984185	984195	10	120
Conical	125 ×22.23	80	984245	984250	984255	984260	984265	984275	10	120
Oomou	150 ×22.23	-	984325	984330	984335	984340	984345	984355	10	80
	180 ×22.23	_	984405	984410	984415	984420	984425	984435	10	80





Fibre Discs





Product Category Information

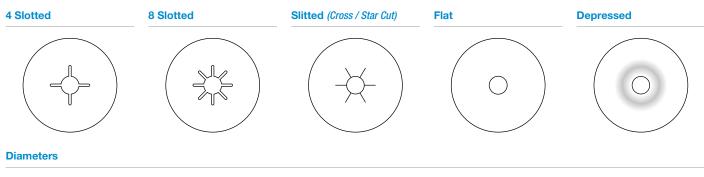
Karbosan fibre discs are offered in various types to meet different application needs. Fibre discs are served with a total of 7 different types of Silicon Carbide, Aluminum Oxide and Zirconium abrasives, generally from 16 grit to 120 grit, from 100mm diameter to 230mm diameter, with various types such as 4 slotted, 8 slotted, slitted, round hole and depressed.

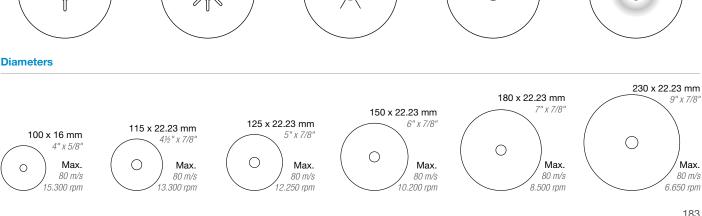
Abrasive	Product Code	Backing	Feature
SC Silicon Carbide	CWR11	Vulcanized Fibre (0.8mm)	Ideal for sanding non ferrous metals, glass, stone, granite, ceramic and wood materials, having standard vulcanized fibre backing and Silicon Carbide abrasive grains.
Aluminum Oxide	AWER11	Vulcanized Fibre (0.7mm)	Ideal for sanding metal, aluminium, zamak and wood materials, having economic vulcanized fibre backing and Aluminum Oxide abrasive grains.
Aluminum Oxide	AWR11	Vulcanized Fibre (0.8mm)	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.
Aluminum Oxide	AWR51	Vulcanized Fibre (0.8mm)	Ideal for sanding stainless steel (Inox), high alloy steel and heat resistant steel materials, having standard vulcanized fibre backing and aggressive Aluminum Oxide abrasive grains, also heat absorbant Top Size.
ZR zirconia	ZWR11	Vulcanized Fibre (0.8mm)	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	Vulcanized Fibre (0.8mm)	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 Top Size.
CE TOPSIZE	CER51	Vulcanized Fibre (0.85mm)	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 Top Size.

Application and Performance Table

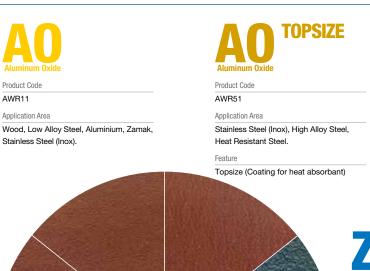


Types and Diameters





Product Types



Aluminum Oxide

Product Code

AWER11

Application Area

Wood, Low Alloy Steel, Aluminium, Zamak.

SC Silicon Carbide

Product Cod

CWR11

Application Area

Glass, Stone, Granite, Vitrified, Wood, Brass, Copper, Non Ferrous Metals.

CE TOPSIZE

Product Code

CER51

Application Are

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

Feature

Topsize (Coating for heat absorbant)



Product Co

ZWR11

Application Area

Low Alloy Steel, Stainless Steel (Inox), High Alloy Steel, Heat Resistant Steel, Cast Iron.

ZR TOPSIZE

Product Code

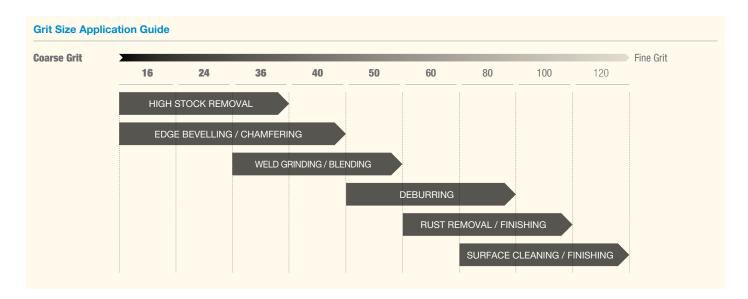
ZWR51

Application Area

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

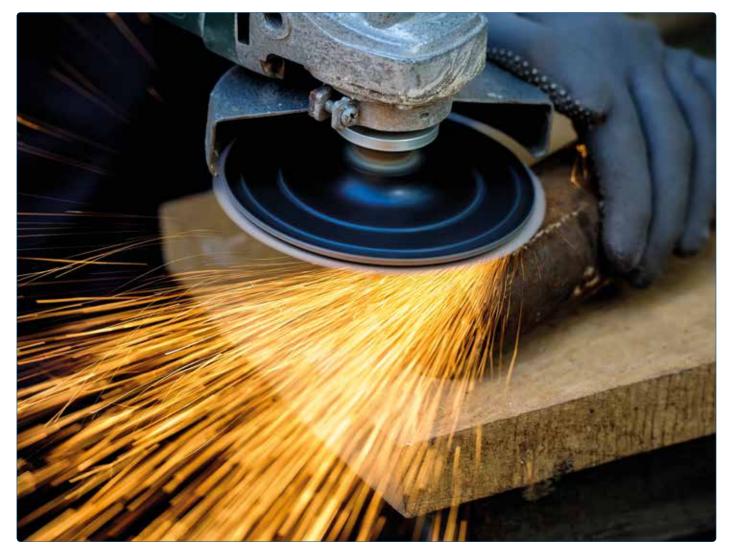
Feature

Topsize (Coating for heat absorbant)

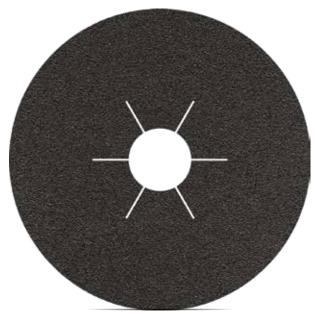


Product Backside Information





SILICON CARBIDE FIBRE DISCS





Stock Removal •••••
Lifetime •••••

Product Description

Product Code : CWR11

Abrasive : Silicon Carbide

Backing : Vulcanized Fibre (0.8mm)

Grit Range : 16-400

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

Ferrous Metals

								16	24 36	40 50	60	80 100	120 15	50 180	220 240	280 32	20 400
Туре	Dimension (mm)	16 Grit	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	240 Grit	280 Grit	320 Grit	400 Grit
	100 ×16	984776	958104	958105	984789	984791	958106	958107	958108	958109	984810	984816	984822	984828	984834	984840	984846
	115 ×22.23	984777	958148	958149	966167	984792	958150	958151	958152	958153	984811	984817	984823	984829	984835	984841	984847
	125 ×22.23	984778	984782	966168	958216	984793	958217	958218	984802	984806	984812	984818	984824	984830	984836	984842	984848
	150 ×22.23	984779	984783	984786	906371	984794	984797	984799	984803	984807	984813	984819	984825	984831	984837	984843	984849
4 Slotted	180 ×22.23	984780	984784	930776	911125	984795	958280	984800	984804	984808	984814	984820	984826	984832	984838	984844	984850
	230 ×22.23	984781	984785	984788	984790	984796	984798	984801	984805	984809	984815	984821	984827	984833	984839	984845	984851
	100 ×16	984852	984858	984864	984870	984876	984882	984888	984894	984900	984906	984912	984918	984924	984930	984936	984942
	115 ×22.23	984853	984859	984865	984871	984877	984883	984889	984895	984901	984907	984913	984919	984925	984931	984937	984943
*	125 ×22.23	984854	984860	984866	984872	984878	984884	984890	984896	984902	984908	984914	984920	984926	984932	984938	984944
	150 ×22.23	984855	984861	984867	984873	984879	984885	984891	984897	984903	984909	984915	984921	984927	984933	984939	984945
8 Slotted	180 ×22.23	984856	984862	984868	984874	984880	984886	984892	984898	984904	984910	984916	984922	984928	984934	984940	984946
	230 ×22.23	984857	984863	984869	984875	984881	984887	984893	984899	984905	984911	984917	984923	984929	984935	984941	984947
	100 ×16	984948	984951	984954	984957	984960	984963	922550	984968	984971	984974	984977	984980	984983	984986	984989	984992
	115 ×22.23	923941	923942	923943	923944	923945	923946	923947	924020	923948	924022	924023	924024	924025	924026	924027	924028
(→X -)	125 ×22.23	923949	923950	923951	923952	923953	923954	923955	924035	923956	924037	924038	924039	924040	924041	924042	924043
01111	150 ×22.23	984949	984952	984955	984958	984961	984964	984966	984969	984972	984975	984978	984981	984984	984987	984990	984993
Slitted	180 ×22.23	923957	923958	923959	923960	923961	923962	923963	924050	923964	924052	924053	924054	924055	924056	924057	924058
	230 ×22.23	984950	984953	984956	984959	984962	984965	984967	984970	984973	984976	984979	984982	984985	984988	984991	984994
	100 ×16	958486	958487	958488	958489	966770	958490	958491	958492	958493	966768	966769	958494	984997	985000	958495	985005
	115 ×22.23	921310	921320	921330	921340	921350	921360	921370	924113	921380	924115	924116	924117	924118	924119	924120	924121
	125 ×22.23	921390	921400	921410	921420	921430	921440	921450	924128	921460	924130	924131	924132	924133	924134	924135	924136
Flot	150 ×22.23	958649	958650	966828	966829	966830	966831	958651	966824	966825	966826	966827	984995	984998	985001	985003	985006
Flat	180 ×22.23	921470	921480	921490	921500	921510	921520	921530	924143	921540	924145	924146	924147	924148	924149	924150	924151
	230 ×22.23	958777	958778	966872	966873	966874	966875	958779	966868	966869	966870	966871	984996	984999	985002	985004	985007
	100 ×16	985008	985013	985018	985023	985028	985033	985038	985043	985048	985053	985058	985063	985068	985074	985079	985084
	115 ×22.23	985009	985014	985019	985024	985029	985034	985039	985044	985049	985054	985059	985064	985069	985075	985080	985085
	125 ×22.23	985010	985015	985020	985025	985030	985035	985040	985045	985050	985055	985060	985065	985070	985076	985081	985086
Depress	150 ×22.23	985011	985016	985021	985026	985031	985036	985041	985046	985051	985056	985061	985066	985071	985077	985082	985087
Depressed	180 ×22.23	980027	980028	980029	980030	980031	980032	980033	980034	980035	980036	980037	980038	985072	980039	980040	980041
	230 ×22.23	985012	985017	985022	985027	985032	985037	985042	985047	985052	985057	985062	985067	985073	985078	985083	985088

ALUMINUM OXIDE ECO FIBRE DISCS



Stock Removal Clifetime

Product Description

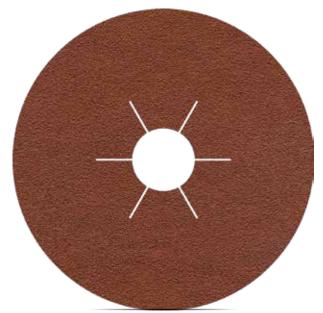
Product Code : AWER11

Abrasive : Aluminum Oxide

Backing : Vulcanized Fibre (0.7mm)

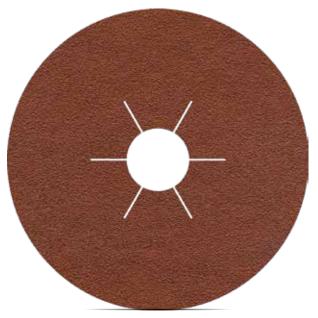
Grit Range : 24-120

Application : Wood, Non Ferrous Metals, Aluminium, Zamak



24 36	40 50 60 80	100 120								
Гуре	Dimension (mm)	16 Grit	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
	100 ×16	985789	985795	985801	985806	985812	985818	985824	985830	985836
	115 ×22.23	985790	985796	903897	985807	985813	985819	985825	985831	985837
	125 ×22.23	985791	985797	985802	985808	985814	985820	985826	985832	985838
	150 ×22.23	985792	985798	985803	985809	985815	985821	985827	985833	985839
4 Slotted	180 ×22.23	985793	985799	985804	985810	985816	985822	985828	985834	985840
	230 ×22.23	985794	985800	985805	985811	985817	985823	985829	985835	98584
	100 ×16	985842	985848	985854	985860	985866	985872	985878	985884	985890
	115 ×22.23	985843	985849	985855	985861	985867	985873	985879	985885	985891
*	125 ×22.23	985844	985850	985856	985862	985868	985874	985880	985886	985892
	150 ×22.23	985845	985851	985857	985863	985869	985875	985881	985887	985893
8 Slotted	180 ×22.23	985846	985852	985858	985864	985870	985876	985882	985888	98589
	230 ×22.23	985847	985853	985859	985865	985871	985877	985883	985889	98589
	100 ×16	985896	985902	985908	985914	985920	985926	985932	985938	98594
	115 ×22.23	985897	985903	985909	985915	985921	985927	985933	985939	98594
	125 ×22.23	985898	985904	985910	985916	985922	985928	985934	985940	98594
	150 ×22.23	985899	985905	985911	985917	985923	985929	985935	985941	98594
Slitted	180 ×22.23	985900	985906	985912	985918	985924	985930	985936	985942	98594
	230 ×22.23	985901	985907	985913	985919	985925	985931	985937	985943	98594
	100 ×16	985950	985955	985959	985963	985968	985974	985978	985982	98598
	115 ×22.23	958562	958563	958564	958565	985969	958566	958567	958568	95856
	125 ×22.23	985951	985956	985960	985964	985970	985975	985979	985983	98598
	150 ×22.23	985952	985957	985961	985965	985971	985976	985980	985984	98598
Flat	180 ×22.23	985953	958719	958720	985966	985972	958721	958722	958723	95872
	230 ×22.23	985954	985958	985962	985967	985973	985977	985981	985985	98598
	100 ×16	985990	985995	986000	986004	986008	986014	986019	986024	98603
	115 ×22.23	985991	985996	903724	903723	986009	986015	986020	986025	98603
	125 ×22.23	985992	985997	986001	986005	986010	986016	986021	986026	98603
	150 ×22.23	985993	985998	986002	986006	986011	986017	986022	986027	98603
Depressed	180 ×22.23	980080	980081	980082	980083	986012	980084	980085	986028	98603
	230 ×22.23	985994	985999	986003	986007	986013	986018	986023	986029	98603

ALUMINUM OXIDE FIBRE DISCS





Stock Removal

Lifetime

Product Description

Product Code : AWR11

Abrasive : Aluminum Oxide

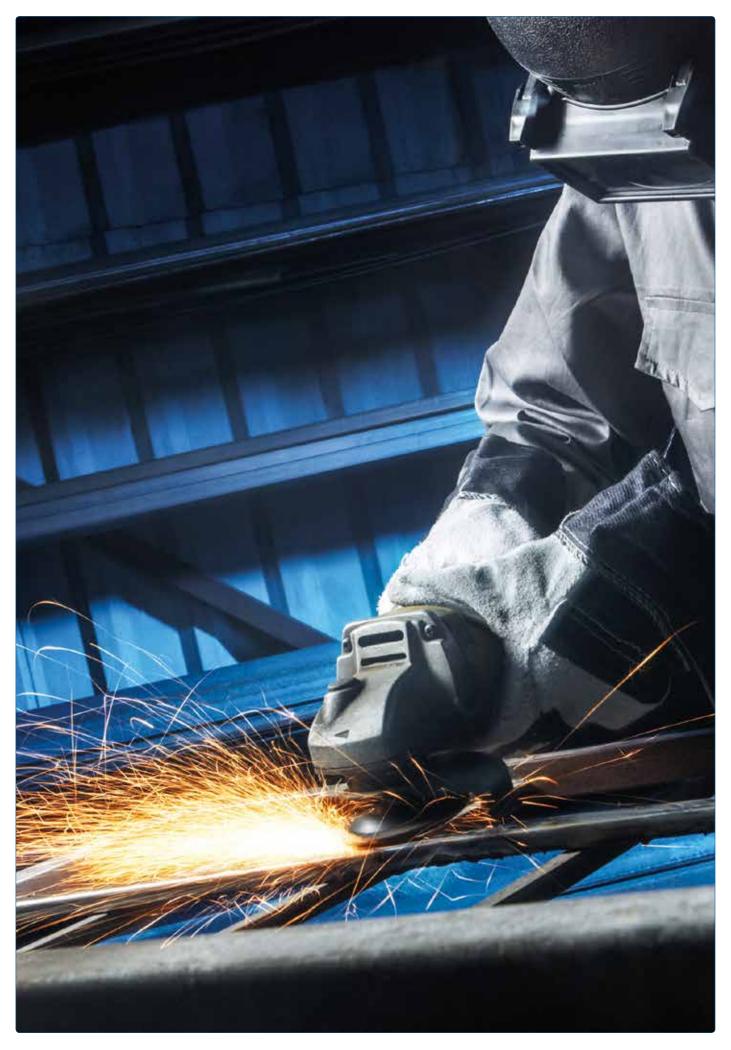
Backing : Vulcanized Fibre (0.8mm)

Grit Range : 16-320

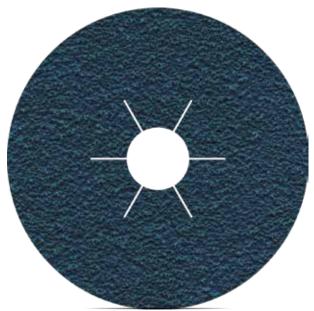
Application : Wood, Low Alloy Steel, Aluminium, Zamak, Stainless Steel

(Inox)

				1 16				16	6 24 3	36 40 5	50 60	80 100	120 150	180 220	240 280	320
Туре	Dimension (mm)	16 Grit	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	240 Grit	280 Grit	320 Grit
	100 ×16	984500	958101	958102	984507	958103	984512	984515	984518	984521	984524	984528	984533	984537	984541	984547
	115 × 22.23	958133	958134	958135	958136	958137	958138	958139	958140	958141	958142	958143	958144	958145	984542	958146
	125 ×22.23	904957	958209	958210	958211	912822	958212	958213	958214	958215	984525	984529	984534	984538	984543	984548
	150 ×22.23	984501	984503	984505	984508	984510	984513	984516	984519	984522	984526	984530	984535	984539	984544	984549
4 Slotted	180 ×22.23	910577	912824	958271	958272	912113	958273	958274	958275	958276	958277	984531	958278	958279	984545	984550
	230 ×22.23	984502	984504	984506	984509	984511	984514	984517	984520	984523	984527	984532	984536	984540	984546	984551
	100 ×16	984557	984563	984569	984572	984575	984581	984585	984589	984595	984601	984607	984613	984619	984625	984631
	115 × 22.23	984558	984564	966576	966577	984576	984582	984586	984590	984596	984602	984608	984614	984620	984626	984632
*	125 ×22.23	984559	984565	958294	958295	984577	958296	958297	984591	984597	984603	984609	984615	984621	984627	984633
	150 ×22.23	984560	984566	984570	984573	984578	984583	984587	984592	984598	984604	984610	984616	984622	984628	984634
8 Slotted	180 ×22.23	984561	984567	958313	958314	984579	922520	958315	984593	984599	984605	984611	984617	984623	984629	984635
	230 ×22.23	984562	984568	984571	984574	984580	984584	984588	984594	984600	984606	984612	984618	984624	984630	984636
	100 ×16	980141	980142	980143	980144	912688	980145	980146	984651	980147	984655	984657	984660	984663	984667	984673
	115 × 22.23	922310	922320	922330	922340	922350	922360	922370	922290	922380	980209	980210	980211	980212	984668	980213
(₹	125 ×22.23	922390	922400	922410	922420	922430	922440	922450	922270	922460	958361	958362	958363	958364	984669	958365
	150 ×22.23	958385	958386	958387	958388	984647	958389	958390	984652	958391	922250	984658	984661	984664	984670	984674
Slitted	180 ×22.23	922470	922480	922490	910195	922510	968132	922530	922280	922540	958439	922260	958440	984665	984671	958441
	230 ×22.23	984643	984644	984645	984646	984648	984649	984650	984653	984654	984656	984659	984662	984666	984672	984675
	100 ×16	966766	958475	958476	958477	958478	958479	958480	958481	958482	958483	958484	984681	984684	984687	958485
	115 × 22.23	921010	921020	921030	921040	921050	921060	921070	980013	921080	980014	958551	958552	958553	907571	958554
	125 ×22.23	921090	921100	921110	921120	921130	921140	921150	958633	921160	966800	958634	908126	958635	908128	958636
	150 ×22.23	966813	958642	958643	966817	966819	958644	966822	958645	958646	958647	958648	984682	984685	984688	984690
Flat	180 ×22.23	921170	921180	921190	921200	921210	921220	921230	958705	921240	958706	958707	908220	958709	908279	958710
	230 ×22.23	958767	958768	958769	958770	958771	958772	966866	958773	958774	958775	958776	984683	984686	984689	984691
	100 ×16	984695	984699	984704	984708	984712	984717	984722	984727	984732	984737	984742	984747	984752	984758	984764
	115 ×22.23	984696	984700	966574	966575	984713	984718	984723	984728	984733	984738	984743	984748	984753	984759	984765
	125 ×22.23	980042	984701	984705	984709	984714	984719	984724	984729	984734	984739	984744	984749	984754	984760	984766
	150 ×22.23	984697	984702	984706	984710	984715	984720	984725	984730	984735	984740	984745	984750	984755	984761	984767
Depressed	180 ×22.23	980015	980016	980018	980019	980017	980020	980021	980022	980023	980024	980025	980026	984756	984762	984768
	230 ×22.23	984698	984703	984707	984711	984716	984721	984726	984731	984736	984741	984746	984751	984757	984763	984769



ZIRCONIA FIBRE DISCS





Stock Removal Lifetime

Product Description

Product Code : ZWR11 Abrasive : Zirconia

: Vulcanized Fibre (0.8mm) Backing

: 24-120 Grit Range

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

		-			24 36 40	50 60 80	100 120		
Туре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
	100 ×16	985095	985098	985101	985105	985110	985114	985118	985122
	115 ×22.23	922652	958154	958155	922654	958156	958157	958158	904772
	125 ×22.23	923223	958219	958220	985106	958221	958222	968128	985123
	150 ×22.23	985096	985099	985102	985107	985111	985115	985119	985124
4 Slotted	180 ×22.23	904446	904447	985103	985108	985112	985116	985120	985125
	230 ×22.23	985097	985100	985104	985109	985113	985117	985121	985126
	100 ×16	985133	985137	985143	985149	985155	985161	985165	985171
	115 ×22.23	985134	985138	985144	985150	985156	985162	985166	985172
*	125 ×22.23	968129	985139	985145	985151	985157	967427	985167	985173
	150 ×22.23	985135	985140	985146	985152	985158	985163	985168	985174
8 Slotted	180 ×22.23	968130	985141	985147	985153	985159	920442	985169	967424
	230 ×22.23	985136	985142	985148	985154	985160	985164	985170	985175
	100 ×16	980148	980149	985181	980150	980151	980152	967502	980153
	115 ×22.23	922020	922030	922040	922050	922060	922070	980214	922080
	125 ×22.23	922100	922110	922120	922130	922140	922150	958366	922160
	150 ×22.23	958392	905699	958393	911912	958394	903530	903529	958395
Slitted	180 ×22.23	922180	922190	922200	922210	922220	922230	958443	922240
	230 ×22.23	985179	985180	985182	985183	985184	985185	985186	985187
	100 ×16	958496	958497	966780	958498	958499	958500	966779	958501
	115 ×22.23	921620	921630	921640	921650	921660	921670	958556	921680
	125 ×22.23	921700	921710	921720	921730	921740	921750	966802	921760
	150 ×22.23	958652	958653	966841	966842	966843	966844	966839	966840
Flat	180 ×22.23	921780	921790	921800	921810	921820	921830	958714	921840
	230 ×22.23	958780	958781	966886	966887	966888	966889	966884	966885
	100 ×16	985196	985201	985205	985210	985215	985219	985224	985229
	115 ×22.23	985197	922408	985206	985211	912773	985220	985225	985230
	125 ×22.23	985198	985202	985207	985212	985216	985221	985226	985231
	150 ×22.23	985199	985203	985208	985213	985217	985222	985227	985232
Depressed	180 ×22.23	958333	980087	980088	980089	980090	980091	980092	980093
	230 ×22.23	985200	985204	985209	985214	985218	985223	985228	985233

ZIRCONIA TOPSIZE FIBRE DISCS



TOPSIZE

Stock Removal Clifetime

Product Description

Product Code : ZWR51

Abrasive : Zirconia

Backing : Vulcanized Fibre (0.8mm)

Grit Range : 24-120

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

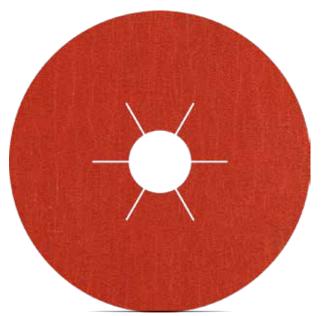
Cast Iron

Feature : Topsize (Coating for Heat Absorbant)



ре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
	100 × 16	985240	985244	985248	985253	985259	985264	985269	985275
	115 ×22.23	904448	958159	914822	985254	914824	914826	985270	914828
	125 × 22.23	985241	985245	985249	985255	985260	985265	985271	985276
	150 ×22.23	985242	985246	985250	985256	985261	985266	985272	985277
Slotted	180 ×22.23	904445	904166	985251	985257	985262	985267	985273	985278
	230 ×22.23	985243	985247	985252	985258	985263	985268	985274	985279
	100 ×16	985286	985292	985298	985304	985310	985316	985320	985326
	115 ×22.23	985287	985293	985299	985305	985311	985317	985321	985327
*	125 ×22.23	985288	985294	985300	985306	985312	967433	985322	985328
	150 ×22.23	985289	985295	985301	985307	985313	985318	985323	985329
Slotted	180 ×22.23	985290	985296	985302	985308	985314	920444	985324	967430
	230 ×22.23	985291	985297	985303	985309	985315	985319	985325	985330
	100 × 16	985336	980154	985341	985344	980155	980156	985350	98015
	115 × 22.23	923966	923967	923968	980217	923969	923970	923971	92397
	125 ×22.23	923974	923975	923976	906076	923977	923978	923979	92398
	150 ×22.23	985337	985339	985342	985345	966205	906369	985351	98535
Slitted	180 ×22.23	923982	923983	923984	985346	923985	923986	923987	92398
	230 ×22.23	985338	985340	985343	985347	985348	985349	985352	98535
	100 × 16	966773	966774	966775	966776	966777	966778	966771	966772
	115 × 22.23	924059	924060	924061	966787	924062	924063	924064	92406
	125 ×22.23	924067	924068	924069	966801	924070	924071	924072	924073
	150 ×22.23	966834	966835	966836	966837	966201	966838	966832	96683
Flat	180 ×22.23	924075	924076	924077	966850	924078	924079	924080	92408
	230 ×22.23	966878	966879	966880	966881	966882	966883	966876	96687
	100 ×16	985367	985373	985378	985384	985390	985394	985399	98540
	115 × 22.23	985368	985374	985379	985385	912774	985395	985400	98540
	125 ×22.23	985369	985375	985380	985386	985391	985396	985401	98540
	150 ×22.23	985370	985376	985381	985387	985392	985397	985402	98540
epressed	180 ×22.23	985371	921007	985382	985388	921008	966606	985403	98540
	230 ×22.23	985372	985377	985383	985389	985393	985398	985404	98541

CERAMIC FIBRE DISCS





Stock Removal Lifetime

Product Description

Product Code : CER51

Abrasive : Ceramic

Backing : Vulcanized Fibre (0.85mm)

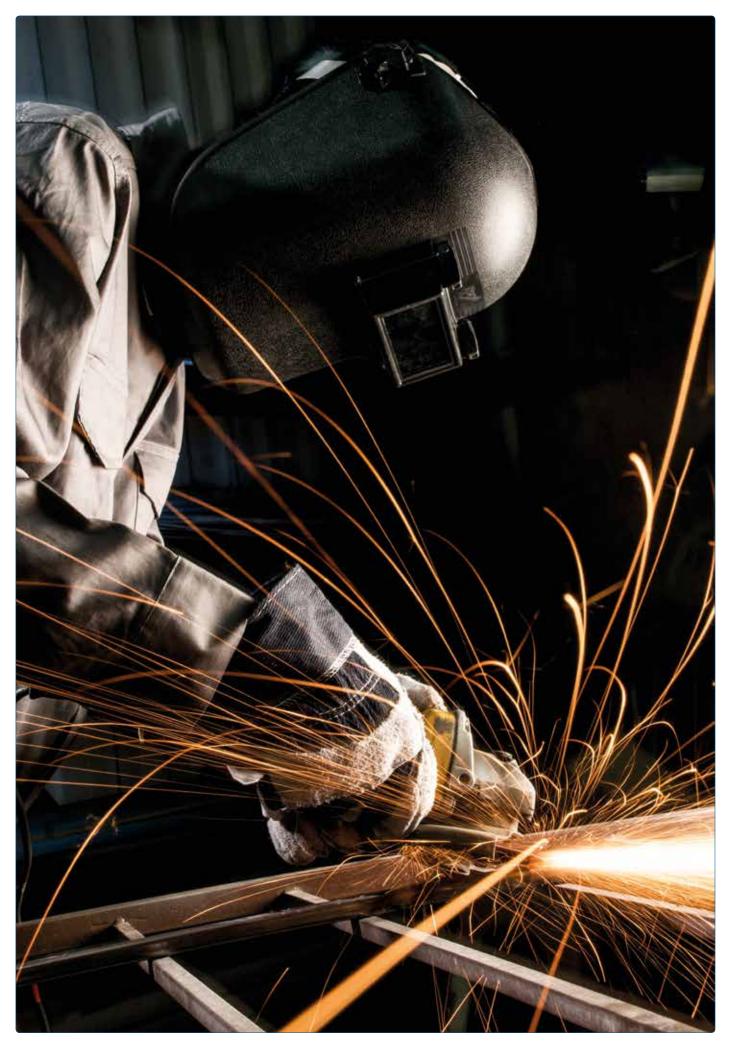
Grit Range : 24-120

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

Cast Iron

Feature : Topsize (Coating for Heat Absorbant)

				_	24 36 40	50 60 80	100 120		
Гуре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
	100 ×16	985417	985420	985423	985428	985434	985436	985440	985445
	115 ×22.23	907330	958160	985424	985429	903459	907331	985441	914818
	125 ×22.23	907332	968421	920272	985430	968422	906088	912823	905984
	150 ×22.23	985418	985421	985425	985431	906370	985437	985442	985446
4 Slotted	180 ×22.23	930599	903460	985426	985432	903461	985438	985443	985447
	230 ×22.23	985419	985422	985427	985433	985435	985439	985444	985448
	100 ×16	985455	985461	985466	985472	985478	985483	985488	985494
	115 ×22.23	985456	985462	985467	985473	985479	985484	985489	985495
*	125 ×22.23	985457	967416	985468	985474	967419	985485	985490	985496
	150 ×22.23	985458	985463	985469	985475	985480	985486	985491	985497
8 Slotted	180 ×22.23	985459	985464	985470	985476	985481	920446	985492	920448
	230 ×22.23	985460	985465	985471	985477	985482	985487	985493	985498
	100 ×16	985505	966342	985508	985510	905023	905706	985514	905707
	115 ×22.23	906257	980218	922199	910118	980219	904785	911902	905377
	125 ×22.23	904846	958368	911904	911906	958369	904847	911908	905708
	150 ×22.23	906189	966415	911914	911916	911918	911923	911925	911927
Slitted	180 ×22.23	905737	958444	909502	907377	958445	905709	911929	905710
	230 ×22.23	985506	985507	985509	985511	985512	985513	985515	985516
	100 ×16	985523	903806	985527	985530	903807	985535	985538	985541
	115 ×22.23	924083	924084	924085	924318	924086	924087	924088	924089
	125 ×22.23	924091	924092	924093	985531	924094	924095	924096	924097
	150 ×22.23	985524	985526	985528	985532	908939	985536	985539	985542
Flat	180 ×22.23	924099	924100	924101	914989	924102	924103	924104	924105
	230 ×22.23	985525	922447	985529	985533	985534	985537	985540	985543
	100 ×16	985550	985554	985558	985564	985569	985573	985579	985585
	115 ×22.23	904988	958328	985559	985565	905886	985574	985580	985586
	125 ×22.23	985551	985555	985560	985566	985570	985575	985581	985587
	150 ×22.23	985552	985556	985561	985567	985571	985576	985582	985588
Depressed	180 ×22.23	905617	904015	985562	930257	905085	985577	985583	985589
	230 ×22.23	985553	985557	985563	985568	985572	985578	985584	985590



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 a total of 10 different types of Silicon Carbide, Aluminum Oxide, Zirconium and Ceramic abrasives, generally from 24 grit to 400 grit, from 100mm diameter to 230mm diameter, with 8 different hole types.

Category	Abrasive	Product Code	Feature	
	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.	
	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	ZR	ZFR91	Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel, aluminium, zamak and wood materials, having F weight paper backing and Zirconia abrasive grains, also antistatic and semi-open coating.	
	CECETAMIC	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	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.	
	SC Silicon Carbide	CYXR11	Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous metals, having YY weight polyester cloth backing and Silicon Carbide 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 Cloth	ZR	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.	
	CE	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.	

Application and Performance Table

PerfectSuitablePossible Abrasive	Category	Wood	Low Alloy Steel	Stainless Steel / Inox	High Alloy Steel / Heat Resistant Steel	Aluminium / Zamak	Brass / Cooper / Non Ferrous Metals	Cast Iron	Glass / Stone / Granite / Vitrified
SC CFR91		••				•	•		•••
AFR71		•••	•	•					
ZR ZFR91	F Paper	•	••	••	•	•			
CEFR91		•	••	•••	•••	•			
AXOP21		•••	•	•			•		
ZR ZXR11	X Cotton Cloth	•	••	•••	••	•			
SC CYXR11		••				•	•		•••
AYXR11 Aluminum Oxide	YY Polyester Cloth	•••	•	•			•		
ZR ZYYR11		•	••	•••	••	•		•	
CEYYR21		•••					••		



Product Types



AO

Product Code

AXOP21

Application Area

Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous

Featur

Semi-open coating.

ZR

ZXR11

Application Area

Ideal for sanding stainless steel (Inox), high alloy steel, heat resistant steel, low alloy steel, aluminium, zamak and wood materials

Feature

Closed coating.

SC Silicon Carbide

Product Code

CYXR11

Application Area

Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous metals.

Feature

Closed coating.

Aluminum Oxide

Product Code

AYXR11

Application Area

Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metals.

Feature

Closed coating.

ZR

Product Code

ZYYR11

Application Area

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.

Ceram Product Code

CEFR91

Application Area

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.

ZR

Product Code

ZFR91

Application Area

Ideal for sanding low alloy steel, stainless steel (Inox), high alloy steel, aluminium, zamak and wood materials.

Feature

antistatic and semi-open coating.

Aluminum Oxide

Product Code

AFR71

Application Area

Ideal for sanding wood, low alloy steel and stainless steel (lnox) materials.

Featur

Antistatic and closed coating.

SC

Product Code

CFR91 Application Area

Ideal for sanding glass, stone, granite, ceramic, wood, aluminium, zamak, brass, copper and non ferrous metals.

eature

Antistatic and semi-open coating.

Ceramic

Product Cod

CEYYR21

Application Are

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

Feature

Semi-open coating.

F Paper

YY Polyester Cloth

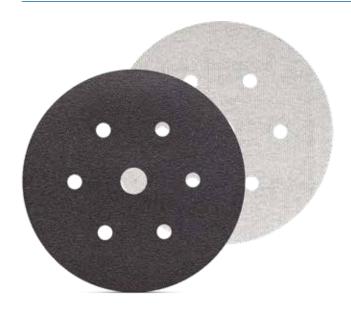
Types and Diameters

	No Hole	6 Holes	7 Holes	8 Holes	9 Holes	15 Holes	17 Holes	Star Shaped Hole
Disc Diameters		0 0 0 0	(° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	0 0 0 0 0 0				$\bigcirc \!$
100 mm 4"	•							
115 mm 4½"	•							
125 mm 5"	•			•	•			
150 mm 6"	•	•	•	•	•	•	•	
178 mm 7 1/64"	•							•
180 mm	•							
200 mm 7 1/8"	•							
225 mm 8"	•							
230 mm 9"	•							

Hole Diameters

Outer Diameter (mm)	Hole Status	Hole in The Middle (mm)	Inner Hole Circle Diameters (mm)	Number of Holes in The Inner Hole Circle (piece)	Diameter of The Holes in the Inner Hole Circle (mm)	Outer 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						

F PAPER HOOK & LOOP DISCS



SC Silicon Carbide

Product Description

Product Code : CFR91

Abrasive : Silicon Carbide

Backing : F Paper Grit Range : 36-400

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

50 **60 80 100 120** 150 180 **220** 240 280 320 **400**

aluminium, zamak, brass, copper and non ferrous metals.

Feature : Antistatic and semi-open coating.

Type Dimension (mm) 36 Grit 40 Grit 50 Grit 60 Grit 80 Grit 100 Grit 120 Grit 150 Grit 180 Grit 220 Grit 320 Grit 400 Grit No Hole 6 Holes 7 Holes 8 Holes 9 Holes 15 Holes





Product Description

Product Code : AFR71

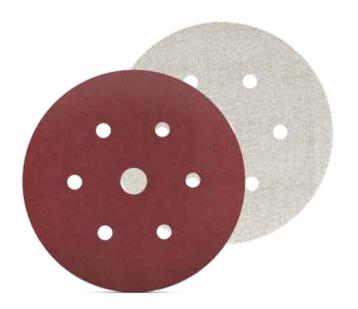
Abrasive : Aluminum Oxide

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.

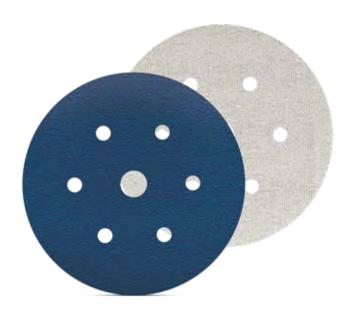


40 50 60 80 100 120 150 180 220 240 280 320 400 500 600

Туре	Dimension (mm)	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	240 Grit	280 Grit	320 Grit	400 Grit	500 Grit	600 Grit
	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
	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
	115	915693	945679	915695	915697	915675	915677	915679	915681	915683	915685	915687	915689	915691	945678	945680
	125	920575	945790	920577	920579	945780	945781	945782	945783	945784	945785	945786	945787	945788	945789	945791
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
0.11-1	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



F PAPER HOOK & LOOP DISCS



Product Description

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

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

Feature : Antistatic and semi-open coating.

24 36 40 50 60 80 100 120 150 180 220 240 280 320 400

Туре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	240 Grit	280 Grit	320 Grit	400 Grit
	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
	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	945993	945996	945998	945999	915368	923022	932779	923017	923019	945990	945991	945992	945994	945995	945997
7 Holes	150	947467	947470	947473	947474	947475	947476	947461	947462	947463	947464	947465	947466	947468	947469	947472
Ollalaa	125	945900	945903	945905	945906	945907	945908	944635	945895	945896	945897	945898	945899	945901	945902	945904
9 Holes	150	947514	947517	923127	923129	922708	922710	922706	947509	947510	947511	947512	947513	947515	947516	947518
15 Holes	150	945965	931049	922223	945969	924384	924385	924386	924387	945961	945962	945963	945964	945966	945967	945968
Star Shaped Hole	178	922224	922225	915332	947577	915344	915334	924298	915330	947570	947571	947572	947573	947574	947575	947576





Product Description

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

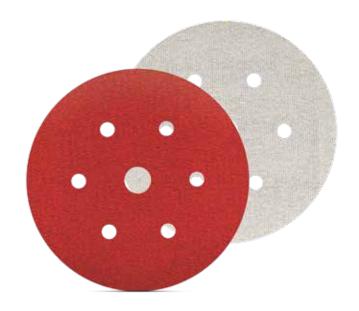
Application : Ideal for sanding stainless steel (Inox), high alloy steel, heat

resistant steel, low alloy steel, aluminium, zamak and wood

materials

Feature : Antistatic and semi-open coating.

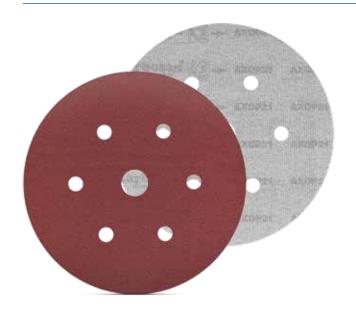




Туре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
	115	945631	945632	945633	945634	945635	947651	945629	945630
	125	945719	945720	945721	945722	944670	944669	945717	945718
	150	945911	945912	945913	931777	945914	931003	945909	945910
No Hole	178	947521	947522	947523	932797	947524	947525	947519	947520
6 Holes	115	945668	945669	932756	945670	932757	932758	932754	932755



X COTTON CLOTH HOOK & LOOP DISCS





Product Description

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, copper and non ferrous metals.

24 36 40 50 60 80 100 120 150 180 220 240 280 320 400

Feature : Semi-open coating.

Гуре	Dimension (mm)	40 Grit	60 Grit	80 Grit	100 Grit	120 Grit	150 Grit	180 Grit	220 Grit	240 Grit	280 Grit	320 Grit
	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
	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
7 Holes	150	947153	947154	947155	947005	947006	947007	947008	947099	947150	947151	947152



120 Grit



Product Description

Product Code : ZXR11

Abrasive : Zirconia

Backing : X Heavy Cotton Cloth

Grit Range : 24-120

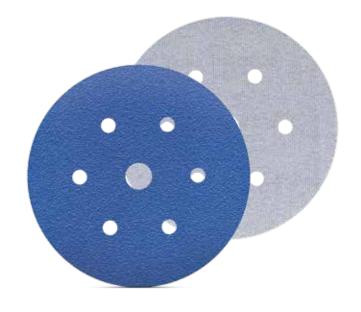
Application : Ideal for sanding stainless steel (Inox), high alloy steel, heat

resistant steel, low alloy steel, aluminium, zamak and wood

materials.

24 36 40 50 60 80 100 120

Feature : Closed coating.

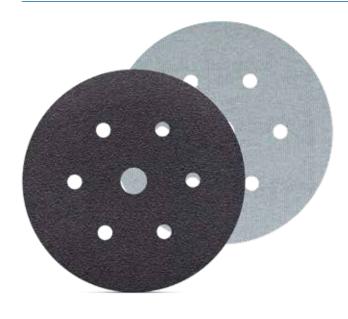


Туре	Dimension (mm)	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	
	115	915509	920385	945650	920387	920388	910829	
	125	924939	924940	945745	910885	910887	910878	
	150	910938	910945	910946	910949	910955	910928	

No Hole 7 Holes 8 Holes 9 Holes 15 Holes Star Shaped Hole 178



YY POLYESTER CLOTH HOOK & LOOP DISCS





Product Description

Product Code : CYXR11

Abrasive : Silicon Carbide

Backing : YY Polyester Cloth

Grit Range : 16-400

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

aluminium, zamak, brass, copper and non ferrous metals

Feature : Closed coating.

		16 24 36 40 50	60 80 100 120 150 180 22	0 240 280 320 400
Туре	Dimension (mm)	16 Grit	120 Grit	180 Grit
No Hala	150	910926	945929	945930
No Hole	178	911034	947550	947551
7 Holes	150	947160	947159	947161





Product Description

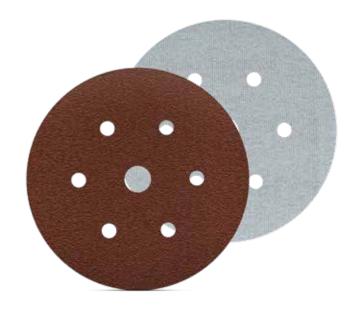
Product Code : AYXR11

: Aluminum Oxide Abrasive Backing : YY Polyester Cloth

Grit Range : 16-600

: Ideal for sanding wood, low alloy steel, stainless steel (Inox), brass, copper and non ferrous metals. Application

: Closed coating. Feature

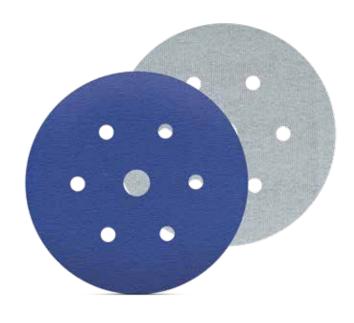


16	24	36	40	50	60	80	100	120	150	180	220	240	280	320	400	500	600
----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Туре	Dimension (mm)	24 Grit	36 Grit	40 Grit	50 Grit	60 Grit	80 Grit	100 Grit	120 Grit
No Hole	125	945751	945752	944667	945753	944668	945754	945749	945750
NO HOIE	150	945938	945939	944740	945940	944741	944745	945937	944746
7 Holes	150	947479	947480	947481	947482	947483	947484	947477	947478



YY POLYESTER CLOTH HOOK & LOOP DISCS



ZRZirconia

Product Description

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.

24 36 40 50 60 80 100 120

Feature : Closed coating.

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





Product Description

Product Code : CEYYR21

Abrasive : Ceramic

Backing : YY Polyester Cloth

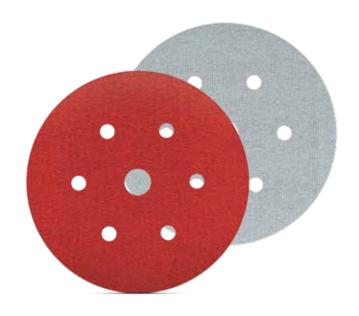
Grit Range : 24-120

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

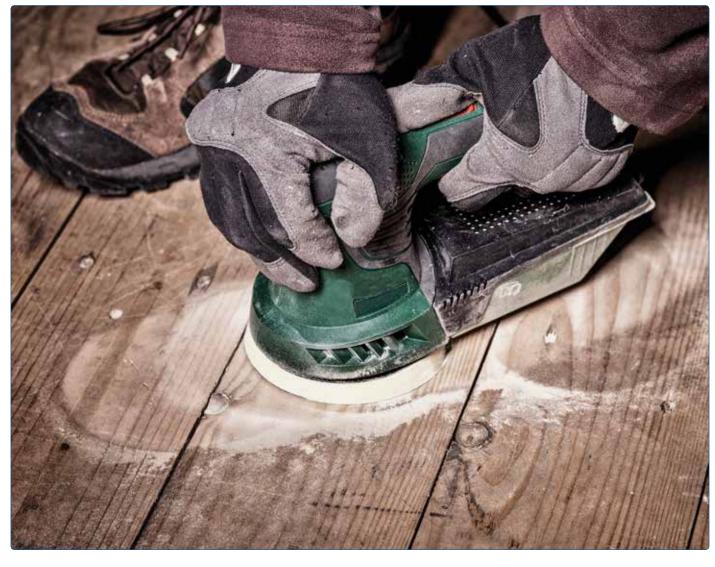
metals.

24 36 40 50 60 80 100 120

Feature : Semi-open coating.



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



Sheet and Sponges





LATEX AO WATERPROOF SANDPAPER



Product Discription

Abrasive : Aluminum Oxide
Backing : Latex C Paper

Bond : Resine
Grit Range : 60-1000

Features : 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



Product Discription

Abrasive : Silicon Carbide

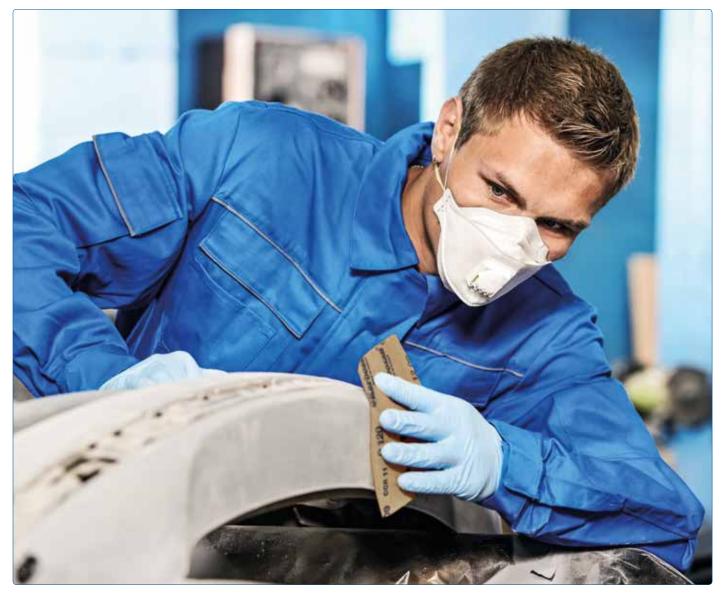
Backing : Latex C Paper
Bond : Resine

Grit Range : 60-1000

Features : 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

Product Discription

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.



SPONGE ABRASIVE

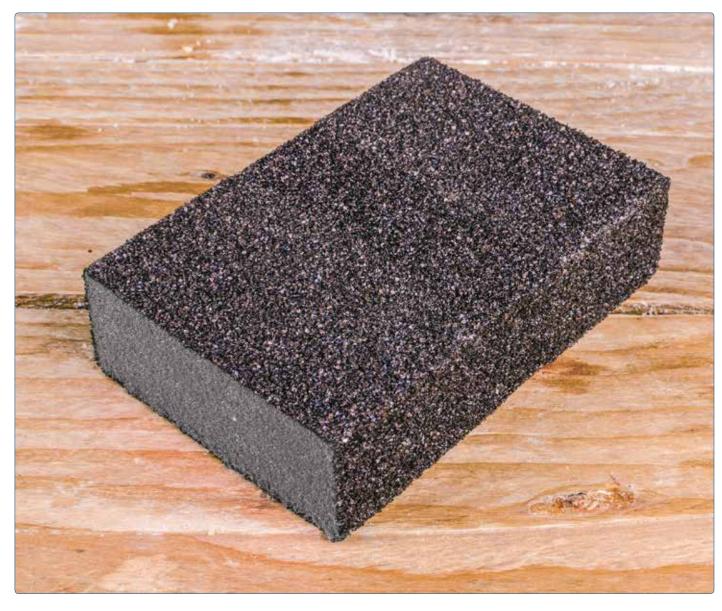
Product Discription

Grit Range : 60-1000

Features

: 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.





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 11 different types under product groups of Shaft, Flanged, Keyway and Flap Type. Other than the standard types, flap wheels are also specially offered according to customer demands, applications and operation methods.

Category	Product	Material	Quality	Features	
	Abrasive Cloth	Abrasive Cloth	AXFR11*	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.	
Flap Wheel on Shaft	Non-woven	Non-woven	A Fine	Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.	
	Combi	Abrasive Cloth and Non-woven	AXFR11* & A Fine	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.	
	Abrasive Cloth	Abrasive Cloth	AXFR11*	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.	O
Flap Wheel on Flange	Non-woven	Non-woven	A Fine	Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.	0
	Combi	Abrasive Cloth and Non-woven	AXFR11* & A Fine	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.	
	Abrasive Cloth	Abrasive Cloth	AXFR11*	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.	0
Keyway Flap Wheel	Non-woven	Non-woven	A Fine	Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.	
	Combi	Abrasive Cloth and Non-woven	AXFR11* & A Fine	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.	
Flap Type	Non-woven	Non-woven	A Fine	Suitable for surface cleaning and polishing. Composed of A Fine quality non-woven. No scratch on material surface during operation.	0
Flap Wheel	Combi	Abrasive Cloth and Non-woven	AXFR11* & A Fine	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.	0

Application and Performance Table

PerfectSuitablePossible				
Category	Product	Cylindrical (Hole)	Flat	Formed / Edge
	Abrasive Cloth	•••	•	•••
Flap Wheel on Shaft	Non-woven	•••	•	•••
	Combi	•••	•	•••
	Abrasive Cloth	•••	••	••
Flap Wheel on Flange	Non-woven	•••	••	••
	Combi	•••	••	••
	Abrasive Cloth	•	•••	••
Keyway Flap Wheel	Non-woven	•	•••	••
	Combi	•	•••	••
	Non-woven	••	•••	•
Flap Type Flap Wheel	Combi	••	•••	•

Types and Diameters

		Flap Whe	eel on Shaf	t	Flap Whe	eel on Flan	ge	Keyway l	Flap Whee		Flap Typ	e Flap Whe	el
Diam- eter (mm)	Width (mm)	Spindle diam	eter 6mm.		Inner hole dia 45mm. Can b special dimen		0	Inner hole dia 4 pieces keyv		(a)	Inner hole dia suitable for ar grinders.	meter 22.23mm, ngled hand	0
		Abrasive Cloth	Non-woven	Combi	Abrasive Cloth	Non-woven	Combi	Abrasive Cloth	Non-woven	Combi	Abrasive Cloth	Non-woven	Combi
20	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 ON SHAFT

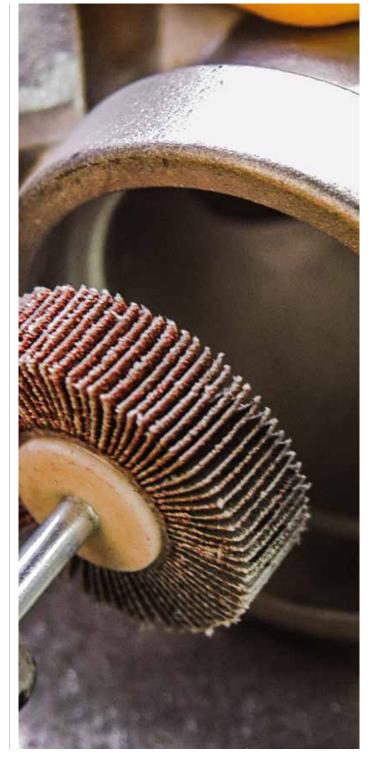
Suitable for grinding inner surface of piping, cylindrical parts like fittings and hard to reach profile surfaces. Applied with electrical or pneumatic hand tools; used in abrasive cloth, non-woven or combi version selected according to the surface roughness. General usage in construction and foundry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

Abrasive Cloth



Features : 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	Grit	Box
20×15			20
20×20			20
20×25			20
25×15			10
25 × 20	_		10
25 × 30	_		10
30×10	_		10
30×15	_		10
30×20	_		10
30 × 30	_		10
40×10	_		10
40×15	_		10
40×20	_		10
40×30	AXFR11	40-400	10
50×10	_		10
50 × 15	_		10
50 × 20	_		10
50 × 30	_		10
60×15	_		10
60×20	_		10
60 × 30	_		10
60 × 40	_		10
80×15	_		10
80 × 20	_		10
$80\!\times\!30$	_		10
80 × 40	_		10
$80\!\times\!50$			10



Non-woven

Features

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



Dimension (mm)	Quality	Barcode / Article	Вох	Dimension (mm)	Quality	Barcode / Article	Вох
20×15		869149 930086 7	20	50×10		869149 930104 8	10
20×20		869149 930087 4	20	50×15	<u> </u>	869149 965431 1	10
20×25		869149 930088 1	20	50×20		869149 965432 8	10
25×15		869149 930089 8	10	50×30		869149 915350 0	10
25×20		869149 930093 5	10	60×15	<u> </u>	869149 930105 5	10
25×30		869149 930094 2	10	60×20	<u> </u>	869149 930106 2	10
30×10		869149 930095 9	10	60×30	A Fine	869149 915354 8	10
30×15	A Fine	869149 930096 6	10	60×40		869149 930107 9	10
30×20	_	869149 930097 3	10	80×15	_	869149 930108 6	10
30×30		869149 915346 3	10	80×20		869149 930109 3	10
40×10		869149 930098 0	10	80×30	_	869149 915358 6	10
40×15		869149 930099 7	10	80×40		869149 930113 0	10
40×20		869149 930103 1	10	80×50		869149 930114 7	10
40×30		869149 915348 7	10				

Combi (Abrasive Cloth + Non-woven)

Features



Dimension (mm)	Quality	Barcode / Article	Вох	Dimension (mm)	Quality	Barcode / Article	Box
20×15		869149 930115 4	20	50×10		869149 930129 1	10
20×20		869149 930116 1	20	50×15		869149 930133 8	10
20×25		869149 930117 8	20	50×20		869149 965433 5	10
25×15		869149 930118 5	10	50×30		869149 915367 8	10
25×20		869149 930119 2	10	60×15		869149 930134 5	10
25×30		869149 930123 9	10	60×20		869149 930135 2	10
30×10	AVED44 A Fina	869149 930124 6	10	60×30	AXFR11 ve A Fine	869149 915371 5	10
30×15	AXFR11 ve A Fine	869149 930125 3	10	60×40		869149 930136 9	10
30×20		869149 930126 0	10	80×15		869149 930137 6	10
30×30		869149 915363 0	10	80×20		869149 930138 3	10
40×10		869149 930127 7	10	80×30	_	869149 915375 3	10
40×15		869149 930144 4	10	80×40		869149 930139 0	10
40×20		869149 930128 4	10	80×50		869149 930143 7	10
40 × 30		869149 915365 4	10				

FLAP WHEEL ON 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

Features

: 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	Grit	Вох
165 × 30 × 25	AVED44	40, 400	1
165 ×50 ×45	AXFR11	40-400	1



Non-woven

Features

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

Dimension (mm)	Quality	Barcode / Article	Box
165 ×30 ×25		869149 915379 1	1
165 × 30 × 45		869149 915380 7	1
165 ×50 ×25	A Fine	869149 915381 4	1
165 × 50 × 45		869149 915382 1	1



Combi (Abrasive Cloth + Non-woven)

Features

Dimension (mm)	Quality	Barcode / Article	Box
165 × 30 × 25		869149 915383 8	1
165 × 30 × 45	AVED44 A Fine	869149 915384 5	1
165 ×50 ×25	AXFR11 ve A Fine	869149 915385 2	1
165 ×50 ×45	_	869149 915386 9	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.

0

Abrasive Cloth

Features

: 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.

Ölçü <i>mm)</i>	Quality	Grit	Box
100 ×100 ×19	AXFR11	40-120	1



Non-woven

Features

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

Dimension mm)	Quality	Barcode / Article	Вох
100 ×100 ×19	A Fine	869149 915388 3	1



Combi (Abrasive Cloth + Non-woven)

Features

Dimension mm)	Quality	Barcode / Article	Box
100 ×100 ×19	AXFR11 ve A Fine	869149 915390 6	1

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

Features

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



Dimension (mm)	Quality	Barcode / Article	Вох
115 ×22.23	A Fine	869149 915342 5	10

Combi (Abrasive Cloth + Non-woven)

Features



Dimension (mm)	Quality	Barcode / Article	Вох
115 ×22.23	AXFR11 ve A Fine	869149 915343 2	10

CONTACT



1 | **Bonded Abrasive Plant** (Headquarters & Export Office)

Söğütlüçeşme Mahallesi Halkalı Caddesi, No.: 253 Küçükçekmece 34295 - İstanbul / Turkey

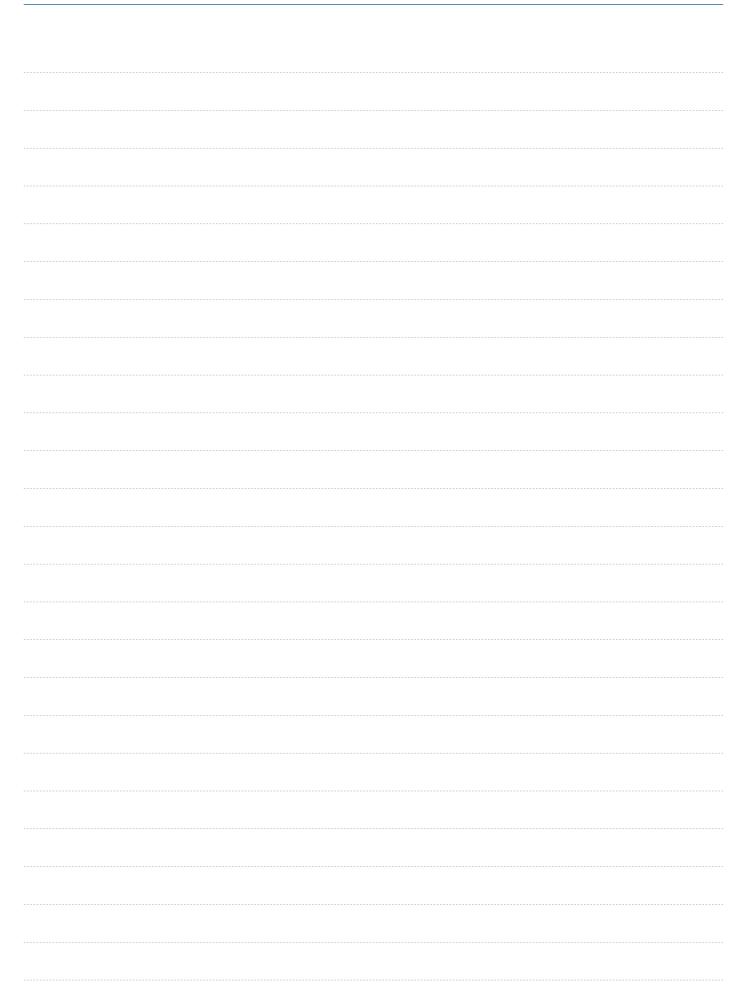
2 | Coated Abrasive Plant

Veliköy OSB Sanayi Bulvarı No.: 76/A Çerkezköy 59500 - Tekirdağ / Turkey

3 | France Office

26, Rue Louveau 92320 Chatillon - Paris / France

NOTES





Söğütlüçeşme Mah. Halkalı Cad. No.: 253 Küçükçekmece 34295 İstanbul / Turkey



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