



REVOLUTION

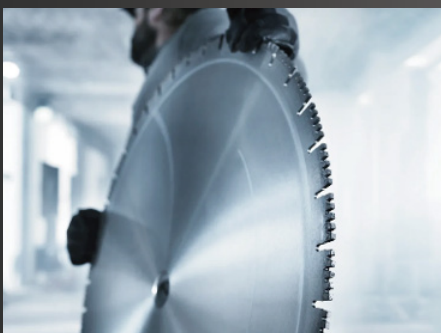
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Zhuhai Original-Innovation hardware co.,ltd

- ⑥ Located in Guangdong China with aim of producing various types of cutting, grinding and specialized wheels flap disc and different shape of sanding paper and disc.

Our team grouped up with over 30-years experienced member specially technique team from leading Chinese abrasives manufacturing company by keeping original innovated vision. This company is considered as the largest producer of cutting & grinding wheels in China and in many years as the top manufacturer in the country , best manufacturer , selected the top brand , the best manufacturer of the resistance economy.

- ⑥ Rather than selling product, We are focus on offer to steel factory,foundry manufacturing,marine project,car polishing and some other professional field to giving professional solution on cutting and grinding.



CONTENTS

01

Resin cutting and grinding disc



02

Coated abrasive



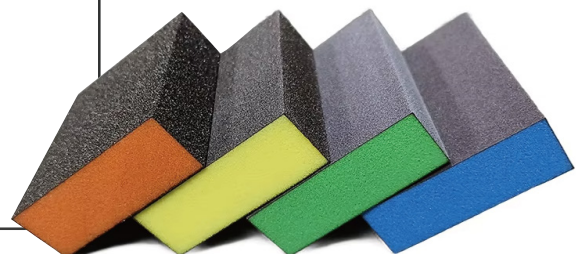
03

Diamond blade and super hard series



04

Cutting and grinding, polishing accessories



NETWORKS



Packing



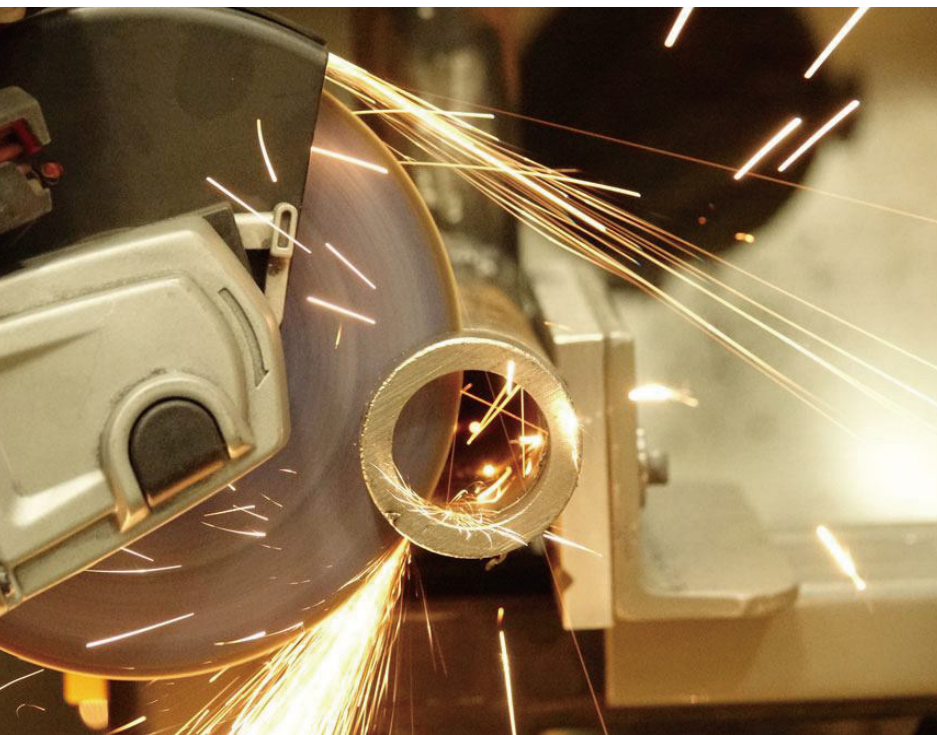
Loading



Transportation



APPLICATION PICTOGRAMS






◉ WHEEL TYPE & MACHINE PICTOGRAMS



◉ METAL RING VALIDATY DATE

Example:

V04/2024 indicates production in the second quarter of 2024 and advised usage before the second quarter 2024.

V01	1st quarter	V = validity date (production quarter + 3 years) 
V04	2nd quarter	
V07	3rd quarter	
V10	4th quarter	

◉ PERSONAL PROTECTION

Safety goggles, ear defenders, safety gloves, dust masks and, if conditions are severe, additional face protection must be worn, as well as leather aprons and safety shoes.



01

Resin cutting and grinding disc

NO.

100mm/4 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in *Asia*.



Grinding



Angle Grinder



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A1003016	100x3x16	4x1/8x5/8	15200	80 m/s	300	50
41A1051016	105x1.0x16	4x1/24x5/8			800	50
41A1051216	105x1.2x16	4x3/64x5/8			800	50
42A1003016	100x3x16	4x1/8x5/8			300	50
42A1006016	100x6x16	4x1/4x5/8			300	25

115mm/4.5 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in *Europe, North America, South America, Australia, Middle east*



Grinding



Angle Grinder



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A1151022	115x1.0x22.23	4.5x1/24x7/8	13300	80 m/s	800	50
41A1151622	115x1.6x22.23	4.5x1/16x7/8				25
41A1153022	115x3.0x22.23	4.5x1/8x7/8				
42A1153022	115x3.0x22.23	4.5x1/8x7/8				
42A1156022	115x6.0x22.23	4.5x1/4x7/8				

125mm/5 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in **Europe, North America, South America, Australia**



Grinding



Angle Grinder



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A1251022	125x1.0x22.23	5x1/24x7/8	12200	80 m/s	800	50
41A1251622	125x1.6x22.23	5x1/16x7/8				
41A1253022	125x3.0x22.23	5x1/8x7/8				
42A1253022	125x3.0x22.23	5x1/8x7/8				
42A1256022	125x6.0x22.23	5x1/4x7/8			300	25

150mm/6 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in **Europe, North America, South America, Australia, Middle east**



Grinding



Angle Grinder



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A1501622	150x1.6x22.23	6x1/16x7/8	10200	80 m/s	600	50
41A1503022	150x3.0x22.23	6x1/8x7/8				
42A1503022	150x3.0x22.23	6x1/8x7/8			300	25
42A1506022	150x6.0x22.23	6x1/4x7/8				

180mm/7 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in **Europe, North America, South America, Australia, Middle east, Africa**



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A1801622	180x1.6x22.23	7x1/16x7/8	8500	80 m/s	200	50
41A1803022	180x3.0x22.23	7x1/8x7/8				
42A1803022	180x3.0x22.23	7x1/8x7/8				
42A1806022	180x6.0x22.23	7x1/4x7/8				

230mm/9 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in **Europe, North America, South America, Australia, Middle east, Africa**



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A2301922	230x1.9x22.23	9x5/64x7/8	6600	80 m/s	100	50
42A2301922	230x1.9x22.23	9x5/64x7/8				
42A2303022	230x3.0x22.23	9x1/8x7/8				
42A1806022	230x3.0x22.23	9x1/8x7/8				25
42A2306022	230x6.0x22.23	9x1/4x7/8				

300mm/12 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF/ 95A 24R BF/ 95A 24T BF

- ⊙ Suitable for use on steel and stainless steel
- ⊙ Produces minimal vibration for more comfortable working
- ⊙ Excellent manoeuvrability and extremely fast cutting
- ⊙ Burr-free cutting
- ⊙ High stability
- ⊙ Made of precious corundum
- ⊙ Popular size in **Europe, North America, South America, Australia, Middle east, Africa**

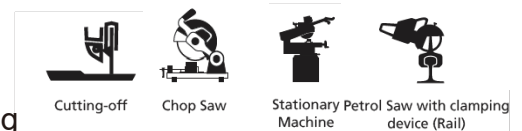


Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A3002525	300x2.5x25.4	12x3/32x1	5100	80 m/s	25	/
41A3003025	300x3.0x25.4	12x1/8x1				
41A3003525	300x3.5x25.4	12x9/64x1				

350mm/14 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF/ 95A 24R BF/ 95A 24T BF

- ⊙ Suitable for use on steel and stainless steel
- ⊙ Produces minimal vibration for more comfortable working
- ⊙ Excellent manoeuvrability and extremely fast cutting
- ⊙ Burr-free cutting
- ⊙ High stability
- ⊙ Made of precious corundum
- ⊙ Popular size in **Europe, North America, South America, Australia, Middle east, Africa**



Article Number	Size		Rpm	SPEED	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A13502525	350x2.5x25.4	14x3/32x1	4400	80 m/s	25	/
41A13503025	350x3.0x25.4	14x1/8x1				
41A13503525	350x3.5x25.4	14x9/64x1				
41A13504025	350x4.0x25.4	14x5/32x1				

400mm/16 Inch cutting and grinding disc

Characteristics: 95A 60R BF/95A 46R BF/95A 30R BF/ 95A 24R BF/ 95A 24T BF/ 95A 24R BSKF

- ⦿ Suitable for use on steel and stainless steel
- ⦿ Produces minimal vibration for more comfortable working
- ⦿ Excellent manoeuvrability and extremely fast cutting
- ⦿ Burr-free cutting
- ⦿ High stability
- ⦿ Made of precious corundum
- ⦿ Popular size in *Asia*



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
41A4003025	400x3.0x25.4	16x1/8x7/8	3800	80 m/s	25	/
41A4003525	400x3.5x25.4	16x9/64x7/8				
41A4004025	400x4.0x25.4	16x5/32x7/8				
41A4003032	400x3.0x32	16x1/8x7/8				
41A4003532	400x3.5x32	16x9/64x7/8				



02

Coated abrasive

NO.

WHAT IS A COATED ABRASIVE?

A coated abrasive is a product that consists of a thin layer of abrasive grain attached to a substrate such as paper, cloth, etc. - Coated abrasives come in a variety of forms such as sheets, discs, rolls, specialties, or belts.

COMPONENTS OF COATED ABRASIVES- ABRASIVE GRAINS

Coated abrasives are manufactured using abrasive grains; the most common are aluminum oxide, zirconium, ceramic, silicon carbide and garnet. The crude grains are crushed and separated into sizes, called grit sizes, using calibrated screens. Grits range from 12 (very coarse) to 2,000 (very fine). Once the grains are separated into sizes, they are attached to a backing material using various bond techniques. Below are descriptions of the most common abrasive grains:

⦿ Aluminum Oxide

A tough, blocky shaped, man-made grain used for high speed grinding and finishing of metals, wood and other high tensile strength materials without excessive fracturing or shedding. Wherever the ability to resist fracturing is the main consideration, aluminum oxide will outperform all other coated abrasive grains.

⦿ Garnet

Garnet is made of natural aluminum oxide which is a relatively sharp, but very weak bonding structure. Very inconsistent when compared to synthetics. It is used primarily in woodworking as garnet dulls too quickly to be used in metalworking.

⦿ Silicon Carbide

A very hard, very sharp, man-made abrasive suited for non-ferrous materials and non-metallic materials such as concrete, marble and glass. A very friable grain, silicon carbide cuts faster under light pressure than any other grain used in coated abrasives.

⦿ Zirconium

A very fine, dense, man-made crystalline grain which can be used for aggressive stock removal. Zirconium is a very dense material with a unique self-sharpening characteristic which gives it long life on heavy to long life on heavy stock removal operations.

⦿ Ceramic

A high performance, man-made abrasive material. Very uniform high density grain structure is extremely durable and self sharpening for longer life and cooler cut. Excels on tough to grind materials.

BACKING MATERIALS- SUBSTRATES

Below are the four major types of backing materials:

⦿ Paper

Specialized technical papers are used as substrates for coated abrasive. They are identified by letters representing weight and flexibility:

"A" and "B" weights are light weight and highly flexible.

"C", "D", "E", "F" weights are medium to heavy weight for more strength and less flexibility.

⦿ Cloth

Cloth backings are more durable than paper backings. There are several types of cloth backings: cotton (ie: Egyptian), polyester and polyester-cotton blends. Cloth backings are identified by weight and flexibility:

"F" weights (J-Flex) is light and highly flexible. This lighter weight is suitable for cleaning, finishing and polishing.

"J" weights (Jeans) is highly flexible and suitable for cleaning, finishing and polishing of contour surfaces.

"X" weight (Drills) is medium to heavy weight for more strength and durability. It has low flexibility suitable for grinding, deburring and finishing.

"H" weight (Heavy Duty) is a heavier weight than "X" weight. It has low flexibility and is suitable for heavy duty grinding and deburring applications. Excellent edge stability.

⦿ Fiber

Fiber backing is a tough vulcanized material made from rag stock. This backing is generally used for abrasive fiber discs.

⦿ Combination

Combination backing is laminated paper and cloth and is very sturdy and shock resistant. Combination backings typically

⦿ Other Backing Materials

There are also a variety of other substrates such as nylon fiber or screens that can be coated for special applications. Non-woven nylon impregnated with abrasive grain is another substrate that can be used for cleaning, polishing or blending.

FLAP DISC

Revolution brand

- Application
- Diameter in millimeter
- Diameter in inch
- Sanding paper grit size
- Disc max speed
- Revoluvion per minute
- Certification
- bar code
- Safety label



Flap discs are a versatile product that can be used from aggressive stock removal to surface blending. The layered construction of abrasive flaps continually expose new grains for a longer life and finer finish compared to resin fiber discs. The evenly layered flaps provide more forgiveness and a smoother operation than grinding wheels.

DESIGN FEATURES

- Type 27 for flat finishing
- Type 29 for greater surface contact
- No back-up pad required
- 5/8" or 7/8" arbor, or threaded 5/8"-11 hub for quick changeover
- Non-gouging
- Available in a trimmable nylon backing with integrated threaded hub

APPLICATIONS

- Grinding
- Stock removal
- Weld blending
- Rust removal
- Deburring
- Blending

FLAP DISCS VS. GRINDING WHEELS

- Faster stock removal and smoother finish
- Quieter operation and reduced vibration minimizing operator fatigue
- Cooler cutting, reduced loading and glazing
- Easy to use - reduced gouging and rework

FLAP DISCS VS. FIBER DISCS

- Up to 20 times longer life thn a fiber disc
- No backing pad needed
- Easier storage - no curling
- Flap discs should use one grit coarser than used in fiber discs (except 36 grit)
- More consistent finish

MATERIAL TYPE

ALUMINUM OXIDE (AO)



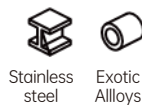
Versatile grain for grinding on metal.



ZIRCONIA ALUMINA (ZA)



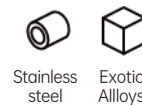
Self-sharpening grains reduce heat while grinding. Consistent stock removal rate.



PREMIUM CERAMIC



Self-sharpening grain for high pressure applications.



PREDATOR® CERAMIC HYBRID

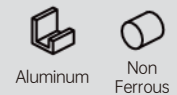


For moderate to high pressure grinding applications.

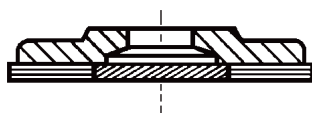


⦿ PERFORMANCE COATING

Performance Coating is an integrated grinding aid that improves cut by reducing loading on soft metal applications.

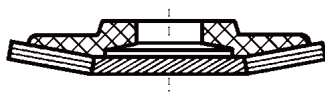


BACKING SHAPE



**Flat Shape Features
(Type 27)**

- ⦿ Best for use on miter joints, corners and edges
- ⦿ Best choice for finishing intricate and ornate surfaces
- ⦿ Ideal for smooth finishing
- ⦿ 0°-15° working angle



**Conical Shape Features
(Type 29)**

- ⦿ Built-in angle for increased contact area
- ⦿ Best for use on contoured surfaces and edge work
- ⦿ Minimizes workpiece gouging
- ⦿ More aggressive stock removal due to higher angle
- ⦿ 15°-25° working angle

BACKING TYPE

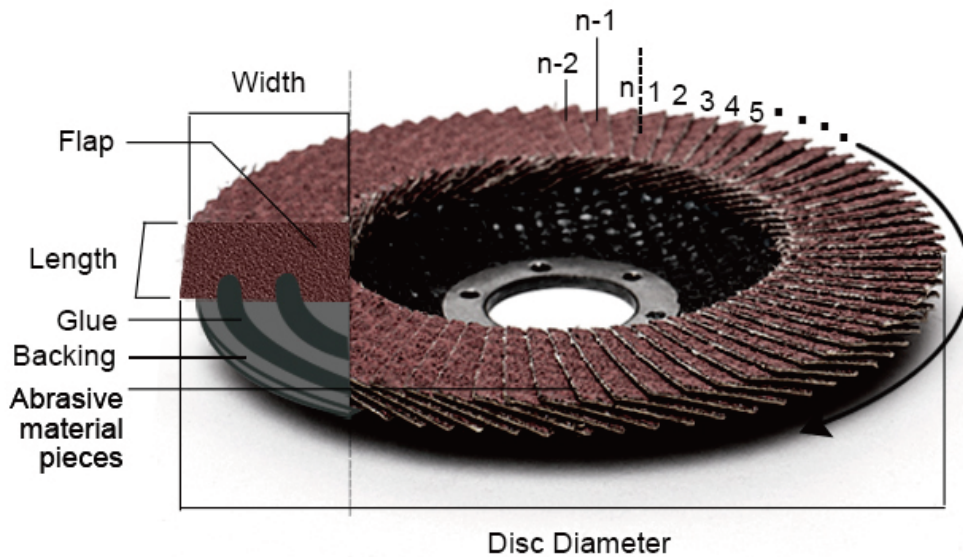
Plastic Backing Features

- ⦿ Non-scratching, high strength backing
- ⦿ Resistant to temperature extremes, common chemicals and solvents
- ⦿ Some plastic backings are trimmable

Fiberglass Backing Features

- ⦿ Backing will wear uniformly with abrasive cloth
- ⦿ Will not splinter or smear on the workpiece
- ⦿ Lighter, quieter operation

STRUCTURE



A- Square Are of Abrasive Material used to make Flap Disc
 W- Flap width
 L- Flap length
 n- Quantity of faps

$$A=W \times L \times n$$

DIFFERENT BACKINGS



Flap disc come with aluminum, fiberglass or plastic backing plates. Fiberglass is the most common. Aluminum is sometimes chosen due to no potential fiberglass dust hazards. Plastic backing is become more popular because of the advantage price.



Aluminium oxide (A/O) flap disc



DIFFERENT SIZE



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
27Z10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
29Z10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
27Z11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
29Z11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
27Z12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
29Z12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
27Z15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
29Z15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
27Z18022Y	180x22.2	7x7/8	8500	80 m/s	120	/
29Z18022Y	180x22.2	7x7/8	8500	80 m/s	120	/

DIFFERENT BACKINGS (A/O) flap disc



DIFFERENT GITTS



40#



60#



80#



100#



120#



180#



240#



320#



4000#



600#

Zirconia (ZA) flap disc



DIFFERENT SIZE



Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
27Z10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
29Z10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
27Z11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
29Z11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
27Z12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
29Z12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
27Z15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
29Z15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
27Z18022Y	180x22.2	7x7/8	8500	80 m/s	120	/
29Z18022Y	180x22.2	7x7/8	8500	80 m/s	120	/

Ceramic



DIFFERENT SIZE



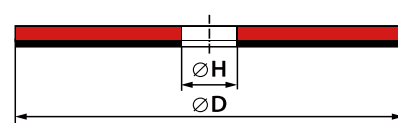
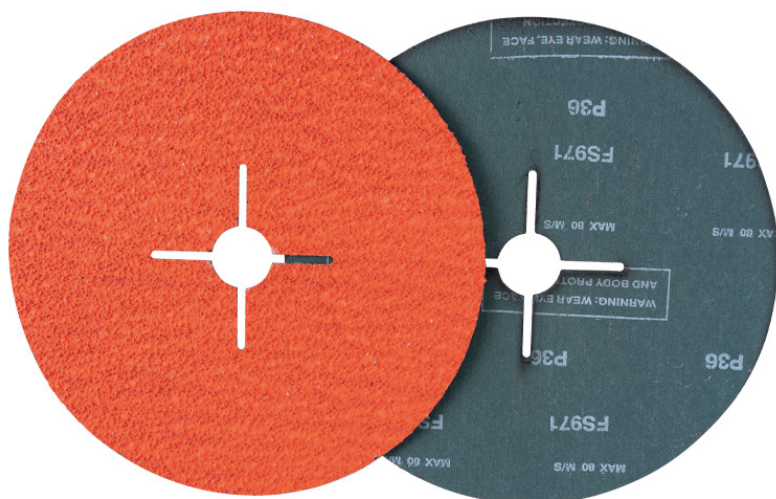
Article Number	Size		Rpm	Speed	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
27C10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
29C10016Y	100x16	4 x 5/8	15200	80 m/s	300	/
27C11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
29C11522Y	115 x22.2	4.5x7/8	13300	80 m/s	300	/
27C12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
29C12522Y	125x 22.2	5x7/8	10200	80 m/s	300	/
27C15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
29C15022Y	150x 22.2	6x7/8	10200	80 m/s	180	/
27C18022Y	180x22.2	7x7/8	8500	80 m/s	120	/
29C18022Y	180x22.2	7x7/8	8500	80 m/s	120	/

Fiber Disc



Fibre discs are made of abrasive grain layer placed on a tough fiber. Discs can be used for processing many different materials, depending on the type of abrasive grain used.

The most common grain for standard applications is brown alumina oxide, while zirconia and ceramic grain are used where much higher performance is required. In the vast majority of cases, the abrasive is bonded with phenolic resin.



FIBER DISC - D × H

We offer includes fiber discs with a diameter of 125 mm and a hole with a diameter of 22 mm, available in 5 grain sizes:

24

- ⦿ Rough grinding
- ⦿ Very fast material removal, where smooth surface finish is not required

36

- ⦿ Rough grinding
- ⦿ Fast material removal, where smooth surface finish is not required

40

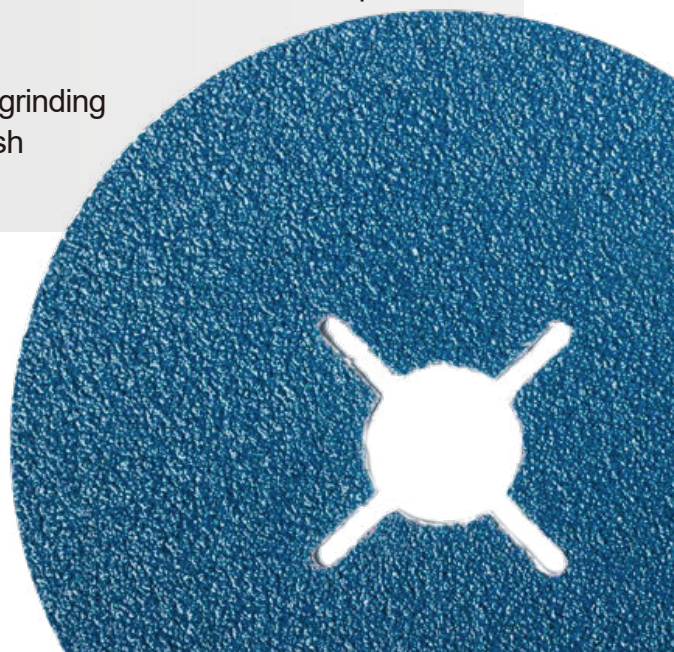
- ⦿ Rough grinding
- ⦿ Fast material removal, where smooth surface finish is not required

60

- ⦿ Medium finishing grinding
- ⦿ Good surface finish

80

- ⦿ Medium finishing grinding
- ⦿ Good surface finish



Fiber Discs - Aluminum Oxide



2A ALUMINUM OXIDE (GENERAL PURPOSE)

- High-quality aluminum oxide grain
- General purpose, closed- coat disc for more material removal and better finishing

METAL Ferrous and/or non-ferrous metals

WOOD Wood

3A ALUMINUM OXIDE (GRINDING AID)

- Special aluminum oxide grain with grinding aids to reduce heat build up and minimize loading
- Closed coat for more material removal and better finishing

STAINLESS Stainless steel, high tensile steel, titanium

METAL Ferrous metals

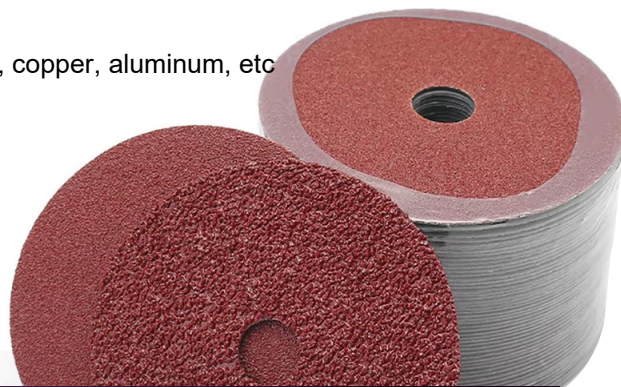
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc

AO ALUMINUM OXIDE (ECONOMICAL)

- High-quality aluminum oxide grain, open coat
- Economical choice for general grinding

METAL Ferrous and/or non-ferrous metals (iron, steel, copper, aluminum, etc

WOOD Wood, fiberglass



TECHINFO

- Resin over resin construction for a strong bond that is resistant to heat and moisture
- Vulcanized fiber backing for heavy duty sanding

Article Number	Size		Rpm	Grit	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
FB100 - 16A	100x16	4 x 5/8	14500	P24-P120	/	25
FB115 - 22A	115x22.2	4.5 x 7/8	13300		/	25
FB125 - 22A	125x22.2	5x7/8	12200		/	25
FB180 - 22A	180x22.2	7x7/8	8500		/	25

Fiber Discs - Zirconium



Z-ZIRCONIUM (AGGRESSIVE GRINDING)

- Premium zirconium grain, closed coat structure
- Good for aggressive stock removal and long life on a variety of materials

STAINLESS Stainless steel, high tensile alloys

METAL Ferrous and/or non-ferrous metals (iron, steel, welds, etc)

A Z-X ZIRCONIUM (ECONOMICAL)

- Zirconium/Aluminum Oxide Blend
- Excellent, economical choice

STAINLESS Stainless steel, high tensile alloys

METAL Ferrous and/or non-ferrous metals (iron, steel, welds, etc)

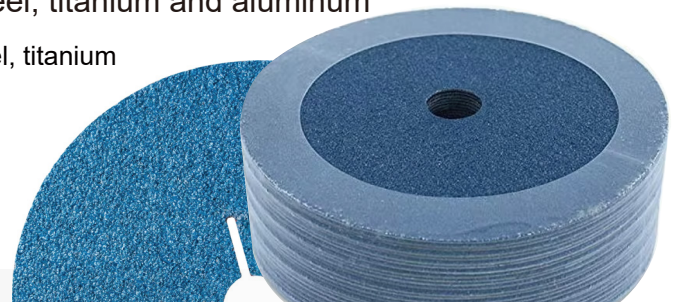
ALUMINUM Non-ferrous metals (aluminum, copper, brass, etc)

3Z - ZIRCONIUM (GRINDING AID)

- Premium zirconium grain with grinding aids to reduce heat build up and minimize loading
- Closed coat structure for aggressive stock removal and long life
- Excels on stainless steel, high tensile steel, titanium and aluminum

STAINLESS Stainless steel, high tensile steel, titanium

METAL Ferrous metals



TECHINFO

- Use the zirconium fiber disc for aggressive stock removal on carbon steel
- Resin over resin construction for a strong bond that is resistant to heat and moisture. Vulcanized fiber backing for heavy duty sanding

Article Number	Size		Rpm	Grit	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
FB100 - 16Z	100x16	4 x 5/8	14500	P24-P120	/	25
FB115 - 22Z	115x22.2	4.5 x 7/8	13300		/	25
FB125 - 22Z	125x22.2	5x7/8	12200		/	25
FB180 - 22Z	180x22.2	7x7/8	8500		/	25

Fiber Discs - Ceramic



9S CERAMIC GRINDING AID

- Excels on heat sensitive materials (stainless steel, etc.) and non-ferrous metals (aluminum, etc.) with an exceptional performance and value
- High performance, ceramic aluminum oxide grain
- Grinding aids for reduced heat and decreased loading

STAINLESS Stainless steel, high tensile steel, titanium

METAL Carbon steel, cast iron

ALUMINUM Non-ferrous metals (aluminum, copper, brass,) etc

7A -S CERAMIC BLEND (ECONOMICAL)

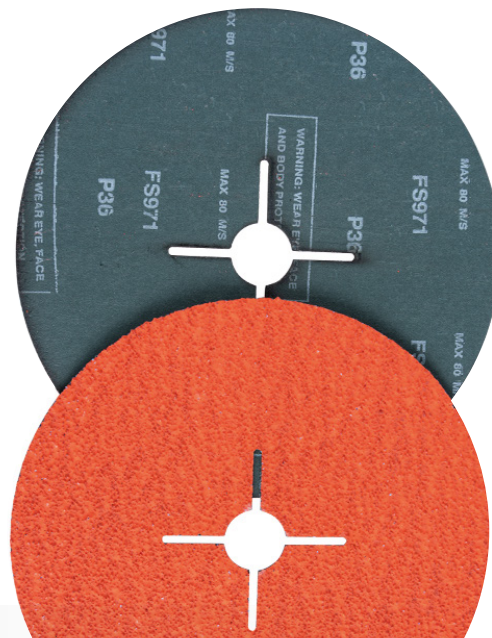
- High performance, ceramic blend
- Economical choice for use on carbon steel

METAL Carbon steel

7S CERAMIC HIGH (PERFORMANCE)

- High performance, ceramic grain
- Excellent for carbon steel grinding and finishing

METAL Carbon steel, cast iron



TECHINFO

- Resin over resin construction for a strong bond that is resistant to heat and moisture*
- Vulcanized fiber backing for heavy duty sanding*

Article Number	Size		Rpm	Grit	Packing	
	MM	INCH			Pcs/Carton	Pcs/Box
FB100 - 16C	100x16	4 x 5/8	14500	P24-P120	/	25
FB115 - 22C	115x22.2	4.5 x 7/8	13300		/	25
FB125 - 22C	125x22.2	5x7/8	12200		/	25
FB180 - 22C	180x22.2	7x7/8	8500		/	25

JB-5 Soft Sandcloth Roll



Product specification: width 7cm-1.4m, length 5m-500m

Grit size: P36-600

Matrix: Light Cloth Base

Application: Mainly used for wood, wall, iron products, stainless steel, carbon steel, furniture

Raw material: brown corundum

Product characteristics: Soft cloth base, can be hand-polished surface; better grinding effect on wood and metal



TJ116 Super-coated Sandcloth Roll



Product specification: width 7cm-1.4m, length 5m-500m

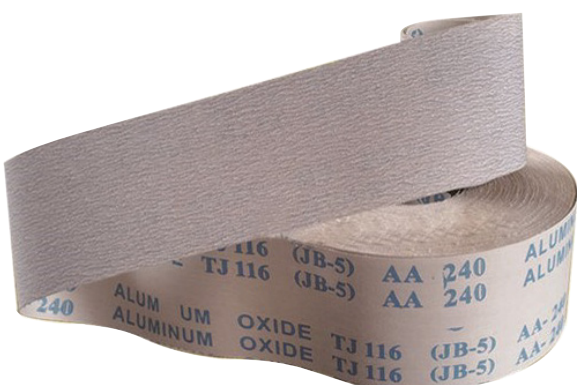
Grit size: P36-600

Matrix: Cotton Cloth

Application: Mainly used for furniture, metal, stone, ceramics, plastics, rubber processing, leather hand polishing

Raw material: calcined sand

Product characteristics: The surface is treated by special coating, which can effectively prevent blockage and antistatic; the abrasive is treated by high temperature, so that the product has super abrasive properties



Sand cloth roll for TJ135-JC122 soft mahine >>>>>

Product specification: width 7cm-1.4m, length 5m-500m

Grit size: P36-600

Matrix: Cotton Cloth

Application: Mainly used for hand grinding of marble, ceramics, glass, metal, plastic, rubber processing, leather, etc. It can be made into soft sand belt.

Raw material: Forged Sand, Silicon Carbide

Product characteristics: High-grade abrasive, so that the product has super abrasive properties



Resin Sandcloth Roll >>>>>

Product specification: width 7cm-1.4m, length 5m-500m

Grit size: P36-600

Matrix: Polyester, Blended Fabric, Cotton Fabric

Application: Mainly used for manual polishing of wood, hardware, steel and furniture

Raw material: brown corundum

Product characteristics: Special gluing technology, water resistance, not easy to remove sand; cloth base strength, not easy to tear, suitable for manual grinding and grinding Converted to octagonal sand, disc sand for use



High-grade waterproof sandpaper



Product specification: 230mm x 280mm

Grit size: P60-2000

Matrix: latex paper, kraft paper

Raw material: Silicon Carbide, Brown Corundum

Product characteristics: Soft paper base, no curling and no sand drop in soaking, uniform distribution of selected abrasive, enhance the grinding effect of the product

Product language: Mainly used for polishing and grinding of mould, metal, wood products, stone, steel, automobile paint

Product process: electrostatic sand planting

ARTICLE NUMBER	SIZE		GRINT	PACKING	
	MM	INCH		PCS/CARTON	PCS/BOX
HGWS230280	230x280	9 x 11	P60-2000	1000	100

Precision grinding super soft dry and wet dual use sandpaper



Product specification: 230mm X 280mm

Grit size: P60-3000

Matrix: latex paper

Application: Used for grinding and polishing of metal and nonmetallic parts, widely used in car coating, automobile manufacturing and repair. Production and processing of jewelry crafts; 3C Electronic industry, precision polishing and grinding of metal-conforming materials

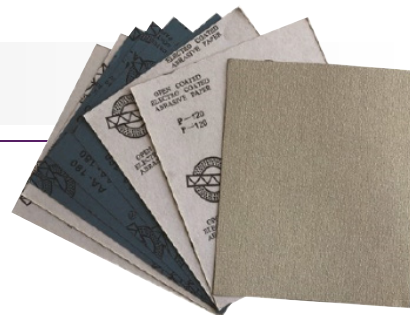
Raw material: Silicon carbide, brown corundum

Product process: Electrostatic sand planting

Features: Silicon carbide abrasive treated with special shape using emulsion raw paper with super flexible draft content. Flexibility is good, Excellent water resistance, wear resistance, folding resistance, tear dry and wet dual use

ARTICLE NUMBER	SIZE		GRINT	PACKING	
	MM	INCH		PCS/CARTON	PCS/BOX
PGSSDW230280	230x280	9 x 11	P60-3000	1000	100

Super-coated dry abrasive paper



Product specification: 230mm x 280mm

Grit size: P60-2000

Matrix: domestic paper, Imported latex paper

Product Application: Mainly suitable for grinding wall, wood, furniture, stain less steel, iron products, hardware products, metals and other products and polishing

Raw material: alumina, calcined sand

Product characteristics: specially treated alumina abrasive enhances the grinding performance of the product; unique dust-proof and plug-proof coating improves the product use experience

Product process: electrostatic sand planting

ARTICLE NUMBER	SIZE		GRINT	PACKING	
	MM	INCH		PCS/CARTON	PCS/BOX
SCDAP230280	230x280	9 x 11	P60-2000	1000	100

Sandpaper for lacquer finish



Product specification: 230mm X 280mm

Grit size: P60-2000

Matrix: special red latex paper

Application: mainly used for polishing of wood, furniture, hardware, automotive paint and paint

Raw material: high-grade corundum abrasives

Product process: Electrostatic sand planting

Product characteristics: high-grade corundum abrasive combined with water-resistant, oil-resistant and soft matrix, better abrasive effect on paint surface; combined with unique coating technology, the anti-blocking performance of the product is improved.

ARTICLE NUMBER	SIZE		GRINT	PACKING	
	MM	INCH		PCS/CARTON	PCS/BOX
SFLF230280	230x280	9 x 11	P60-2000	1000	100

Brown corundum abrasive cloth



Product specification: 230mm x 280mm

Grit size: P40-600

Matrix: polyester, blended fabric, cotton fabric

Product Application: Mainly suitable for manual polishing of wood, metal, plastic, wall, steel, furniture

Raw material: brown corundum

Product characteristics: soft and moderate cloth base, suitable for manual grinding; better grinding effect on wood and metal

Binder: semi-resin/full-resin

ARTICLE NUMBER	SIZE		GRINT	PACKING	
	MM	INCH		PCS/CARTON	PCS/BOX
BCAC230280	230x280	9 x 11	P40-600	1000	100



03

Diamond blade and super hard series

NO.



Brown corundum abrasive cloth

- **Segmented diamond Saw blade fits for dry cutting for granite, marble, asphalt, concrete etc.**



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H×L)	Segment Number
	Inch	Metric(mm)	Inch	Metric(mm)		
RS0001	4"	105	5/8"3/4"7/8"	16\20\22.23	1.8×7.0×35	7/8
RS0002	4.3"	110	5/8"3/4"7/8"	16\20\22.23	1.9×7.0×32	9
RS0003	4.5"	115	7/8"	22.23	1.9×7.0×38	8
RS0004	5"	125	7/8"	22.23	1.9×7.0×33	9
RS0005	6"	150	7/8"	22.23	2.0×7.0×35	12
RS0006	7"	180	7/8"1"	22.23\25.4	2.4×7.0×39	14
RS0007	8"	200	7/8"1"	22.23\25.4	2.4×7.0×39	14
RS0008	9"	230	7/8"1"	22.23\25.4	2.4×7.0×34	16/18
RS0009	10"	250	7/8"1"2"	22.23\25.4\50	3.0×8.0×37	16/18
RS0010	12"	300	7/8"1"2"	22.23\25.4\50	3.2×8.0×35 2	22
RS0011	14"	350	7/8"1"2"	22.23\25.4\50	3.2×8.0×40	24
RS0012	16"	400	7/8"1"2"	22.23\25.4\50	3.2×10×40	26

Continuous Diamond Saw Blade

- **Continuous rim blade is suitable for wet cutting for materials as tile, ceramic, glass, marble, granite, concrete etc.**



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0013	4"	105	5/8"3/4"7/8"	16\20\22.23	1.8×5.0
RS0014	4.3"	110	5/8"3/4"7/8"	16\20\22.23	1.9×5.0
RS0015	4.5"	115	7/8"	22.23	1.9×5.0
RS0016	5"	125	7/8"	22.23	1.9×5.0
RS0017	6"	150	7/8"	22.23	1.9×5.0
RS0018	7"	180	7/8"1"	22.23\25.4	2.2×5.0
RS0019	8"	200	7/8"1"	22.23\25.4	2.4×5.0
RS0020	9"	230	7/8"1"	22.23\25.4	2.4×5.0
RS0021	10"	250	7/8"1"2"	22.23\25.4\50	3.0×6.0
RS0022	12"	300	7/8"1"2"	22.23\25.4\50	3.2×6.0
RS0023	14"	350	7/8"1"2"	22.23\25.4\50	3.2×8.0
RS0024	16"	400	7/8"1"2"	22.23\25.4\50	3.4×8.0

Turbo Wave Saw Blad

- **Turbo diamond saw blade with reinforced core is designed for cutting hard materials as granite, hard concrete and bricks. It shows excellent performance of fast & steady cutting, long life and effective protection.**



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0025	4"	105	5/8"3/4"7/8"	16\20\22.23	2.6×7.0
RS0026	4.3"	110	5/8"3/4"7/8"	16\20\22.23	2.6×7.0
RS0027	4.5"	115	3/4"7/8"	20\22.23	2.6×7.0
RS0028	5"	125	3/4"7/8"	20\22.23	2.6×7.0
RS0029	6"	150	3/4"7/8"	20\22.23	2.8×7.0
RS0030	7"	180	7/8"1"	22.23\25.4	3.0×7.0
RS0031	8"	200	7/8"1"	22.23\25.4	3.2×7.0
RS0032	9"	230	7/8"1"	22.23\25.4	3.5×7.0

Turbo Diamond Saw Blade

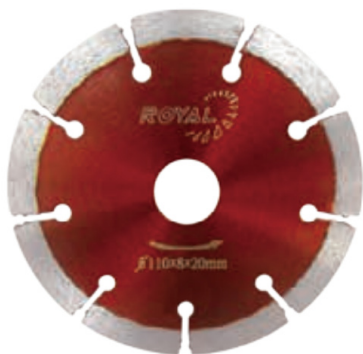
- **Turbo diamond saw blade with reinforced core is designed for cutting hard materials as granite, hard concrete and bricks. It shows excellent performance of fast & steady cutting, long life and effective protection.**



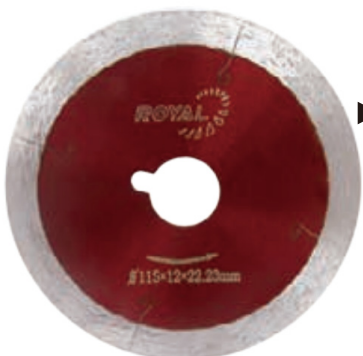
Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0033	4"	105	5/8"3/4"7/8"	16\20\22.23	2.0×7.0
RS0034	4.3"	110	5/8"3/4"7/8"	16\20\22.23	2.0×7.0
RS0035	4.5"	115	7/8"	22.23	2.2×7.0
RS0036	5"	125	7/8"	22.23	2.2×7.0
RS0037	6"	150	7/8"	22.23	2.2×7.0
RS0038	7"	180	7/8"1"	22.23\25.4	2.4×7.0
RS0039	8"	200	7/8"1"	22.23\25.4	2.6×7.0
RS0040	9"	230	7/8"1"	22.23\25.4	2.8×7.0
RS0041	10"	250	7/8"1"2"	22.23\25.4\50	3.0×8.0
RS0042	12"	300	7/8"1"2"	22.23\25.4\50	3.2×8.0
RS0043	14"	350	7/8"1"2"	22.23\25.4\50	3.2×8.0
RS0044	16"	400	7/8"1"2"	22.23\25.4\50	3.2×8.0

Hot pressed Diamond Saw Blade

- **For general cutting of granite, marble, masonry, concrete and many other materials.**



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H×L)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0045	4"	105	5/8"3/4"7/8"	16/20/22.23	1.8×7.0×35
RS0046	4.3"	110	5/8"3/4"7/8"	16/20/22.23	1.9×7.0×35
RS0047	4.5"	115	7/8"	22.23	1.9×7.0×35
RS0048	5"	125	7/8"	22.23	1.9×7.0×35
RS0049	6"	150	7/8"	22.23	2.2×7.0×35
RS0050	7"	180	7/8"1"	22.23/25.4	2.4×7.0×35
RS0051	8"	200	7/8"1"	22.23/25.4	2.4×7.0×35
RS0052	9"	230	7/8"1"	22.23/25.4	2.4×7.0×35



- **Designed for wet cutting of ceramic tile, quarry tile, marble and granite.**



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0053	4"	105	5/8"3/4"7/8"	16/20/22.23	1.8×5.0
RS0054	4.3"	110	5/8"3/4"7/8"	16/20/22.23	1.9×5.0
RS0055	4.5"	115	7/8"	22.23	1.9×5.0
RS0056	5"	125	7/8"	22.23	1.9×5.0
RS0057	6"	150	7/8"	22.23	2.2×6.0
RS0058	7"	180	7/8"1"	22.23/25.4	2.4×6.0
RS0059	8"	200	7/8"1"	22.23/25.4	2.4×7.0
RS0060	9"	230	7/8"1"	22.23/25.4	2.4×8.0



- **Different hardness of bonds designed of different kinds of stones, concrete, masonry, engineering brick, tiles and other materials.**

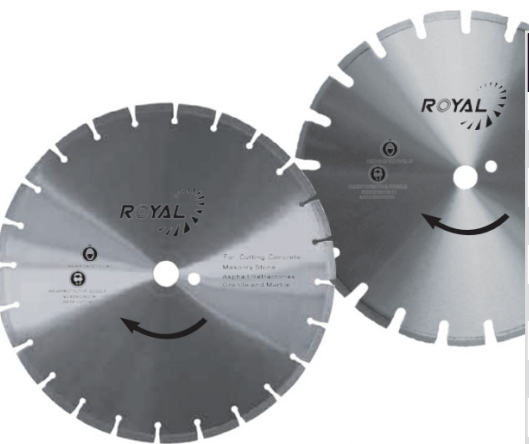


Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0061	4"	105	5/8"3/4"7/8"	16/20/22.23	2.0×7.0
RS0062	4.3"	110	5/8"3/4"7/8"	16/20/22.23	2.0×7.0
RS0063	4.5"	115	7/8"	22.23	2.2×7.0
RS0064	5"	125	7/8"	22.23	2.2×7.0
RS0065	6"	150	7/8"	22.23	2.2×8.0
RS0066	7"	180	7/8"1"	22.23/25.4	2.4×8.0
RS0067	8"	200	7/8"1"	22.23/25.4	2.6×8.0
RS0068	9"	230	7/8"1"	22.23/25.4	2.8×8.0



Brazing Welded Diamond Saw Blade

- For very heavy duty cutting of concrete, asphalt, granite&marble.the high frequency eletrical brazeing and tough segment design provide for exceptional performance and high productivity.



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0096	10"	250	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.0×8.0
RS0097	12"	300	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.2×8.0
RS0098	14"	350	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.4×8.0
RS0099	16"	400	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.6×8.0
RS0100	18"	450	2"	50	4.0×8.0
RS0101	20"	500	2"3"	50/80	4.0×8.0
RS0102	24"	600	2"3"	50/80	4.2×8.0
RS0103	28"	700	2"3"	50/80	4.8×8.0
RS0104	36"	900	3"4"	80/100	6.5×10.0
RS0105	40"	1000	4"	100	7.0×10.0
RS0106	48"	1200	4"	100	8.0×10.0

Laser Welded Diamond Saw Blade

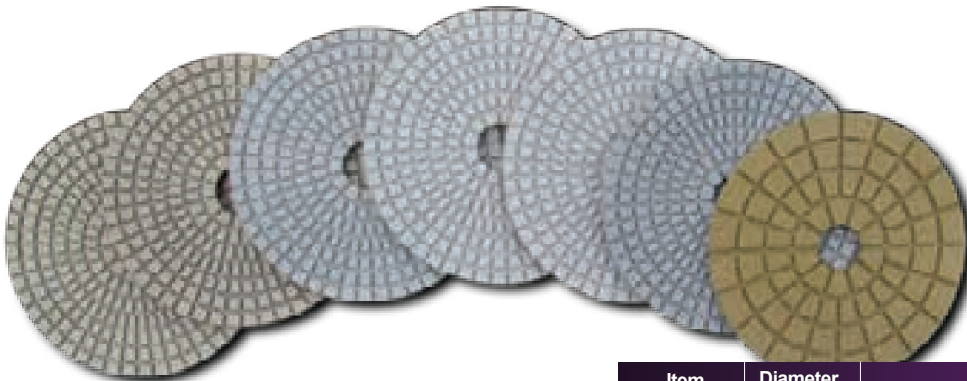
- For very heavy duty cutting of concrete, asphalt,granite&marble. the high frequency eletrical brazeing and tough segment design provide for exceptional performance and high productivity.



Item Number	Outer Diameter(D)		Inner Diameter(H)		Segment Dimension (T×H)
	Inch	Metric(mm)	Inch	Metric(mm)	
RS0107	10"	250	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.0×8.0
RS0108	12"	300	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.2×8.0
RS0109	14"	350	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.4×8.0
RS0110	16"	400	7/8"1"1-1/5"2"	22.23\25.4\30/50	3.6×8.0
RS0111	18"	450	2"	50	4.0×8.0
RS0112	20"	500	2"3"	50/80	4.0×8.0
RS0113	24"	600	2"3"	50/80	4.2×8.0
RS0114	28"	700	2"3"	50/80	4.8×8.0
RS0115	36"	900	3"4"	80/100	6.5×10.0
RS0116	40"	1000	4"	100	7.0×10.0
RS0117	48"	1200	4"	100	8.0×10.0

Diamond Wet Polishing Pad

- Suitable for wet polishing , repairing granite and marble, renovating concrete, etc.



Item Number	Diameter (mm)	Diamond Grit
RS0285	80	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0286	100	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0287	125	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0288	150	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff

Diamond Dry Polishing Pad

- Suitable for dry polishing , repairing granite and marble, renovating concrete, etc.



Item Number	Diameter (mm)	Diamond Grit
RS0289	80	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0290	100	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0291	125	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff
RS0292	150	50#, 100#, 200#, 400#, 800#, 1500#, 3000# buff



04

**Cutting and grinding, polishing
accessories**

No.

SANDING SPONGE BLOCK

- **Product:** Sanding Sponge Block

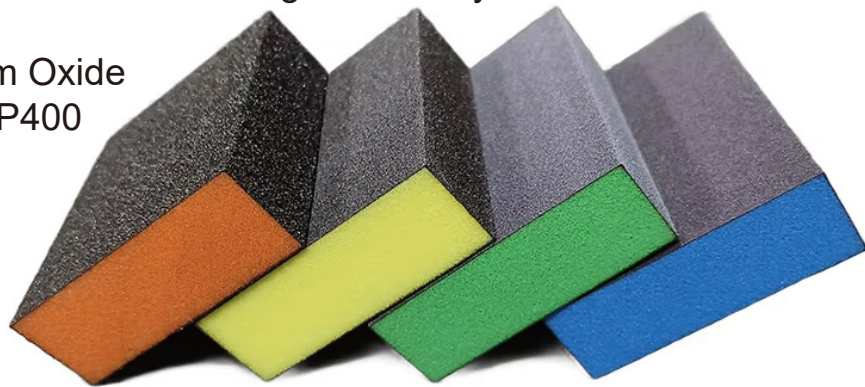
Application: Suitable for removal rust from metal, or grinding and polishing of wood, stainless steel, etc by hand. **Grit:** P60-P400

Feature: Durable, Waterproof, Flexible, High Efficiency

Grit: P60-P400

Grain Material: Aluminum Oxide

Size: 125*75*25mm P60-P400



APPLICATION

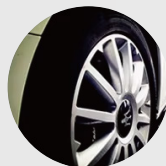
Suitable for woodworking, furniture sanding, metal rust removal, primer sanding, drywall, wood Filler, and other sanding applications



polishing mobile phone casing



circuit board polishing



car repair polishing



furniture phone casing



amber polishing



metal surface polishing

- **Material**



◎ **Brown Fused Alumina** **Grit P36-P280**

High toughness, high stacking density, and good wear resistance

◎ **TPU Film**

Good flexibility, able to handle various shapes and curved surfaces

◎ **High quality sponge**

Good elasticity and softness to better fit the surface of the polished object

Wire brush

- Features

Durable and safe

- double-pressed by thickend steel, the wire on the cup brush firmer and safer
- avoid steel wire flying and breaking during heavy work



Thickened Nut

- thread regularity
- reliable connection

SIZE

- Ⓐ 3 inch [75mm]
- Ⓑ 0.78 inch [20mm]
- Ⓒ 0.6 inch [15mm]



Article Number	Arbor Hole Nut	Out Diameter		Wire Diameter	Package pcs/ctn	Wire Material
		MM	Inch			
WCB6503M10X125	M10*1.25	65	2.5	0.3mm	1 pcs/box ,100 pcs/ctn	steel wire with copper plating
WCB6503M10X15	M10*1.5	65	2.5	0.3mm	1 pcs/box ,100 pcs/ctn	
WCB7503M10X125	M10*1.25	75	3	0.3mm	1 pcs/box ,100 pcs/ctn	
WCB7503M10X15	M10*1.5	75	3	0.3mm	1 pcs/box ,100 pcs/ctn	
WCB7503M14X2	M14*2	75	3	0.3mm	1 pcs/box ,100 pcs/ctn	
WCB7503M16X2	M16*2	75	3	0.3mm	1 pcs/box ,100 pcs/ctn	
WCB10003M10X15	M10*1.5	100	4	0.3mm	1 pcs/box ,60 pcs/ctn	
WCB10003M14X15	M14*2	100	4	0.3mm	1 pcs/box ,60 pcs/ctn	
WCB10003M16X15	M16*2	100	4	0.3mm	1 pcs/box ,60 pcs/ctn	
WCB12503M14X15	M14*2	125	5	0.3mm	1 pcs/box ,45 pcs/ctn	
WCB12503M16X15	M16*2	125	5	0.3mm	1 pcs/box ,45 pcs/ctn	
WCB15003M14X15	M14*2	150	6	0.3mm	1 pcs/box ,60 pcs/ctn	
WCB15003M16X15	M16*2	150	6	0.3mm	1 pcs/box ,60 pcs/ctn	



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