

CUTTING

GRINDING

POLISHING

CLEANING



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2014 Winking Design



Before printing,  
think about ENVIRONMENTAL responsibility!



easy

fast

accurate

# WINKING Abrasive Tools System Catalogue







**PEGATEC is the worldwide sales company of WINKING. Absorbing the global newest market experience and technology, PEGATEC develops and promotes products, meanwhile offer superior customer service.**

### Inheritance

Once the first resin disc was produced 30 years ago, we explored the market fastly by the absolute way of high quality and cost effectiveness. With daily 250,000 pieces output, we become one of the largest production capacity manufacturers of single size. Innovation and pragmatism let us be the most influential company in Asia.

### Progress

New technique production equipments increase progressively with years. Using new technology, the equipment experienced and strictly organized staff brings PEGATEC stable quality and high efficiency. This makes PEGATEC have stable markets and loyal customers in more than 90 countries such as China, Italy, Russia, Brazil, Egypt, Singapore and etc.

### Innovation creates new miracle

PEGATEC works hard to create unique products. PEGATEC develops and register at least three practical technology patents on product itself and packing. It will bring core competitiveness for the retailer and user.

### PEGATEC Brand

At the beginning of PEGATEC brand establishment, the "flying horse"(God horse with wings, there is spring pouring out where threaded by its feet) becomes the distinctive mark of superior quality/high performance/outstanding efficiency. It means courage, power, endurance and reliability.



## APPLICATIONS





## Excellent Abrasive Technology

High quality needs to start from the beginning. PEGATEC's main raw material is self-developed and from Germany&Finland to ensure high quality products.

### Irreplaceable advanced material technology:

On the basis of new performance, PEGATEC has itself material development department, extracting the most suitable application material from complicated chemical and physical experiments.



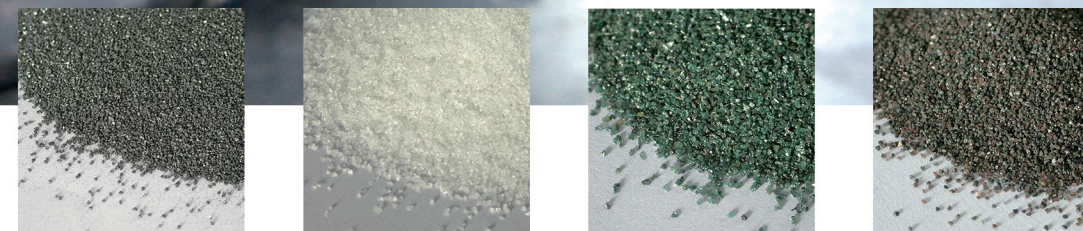
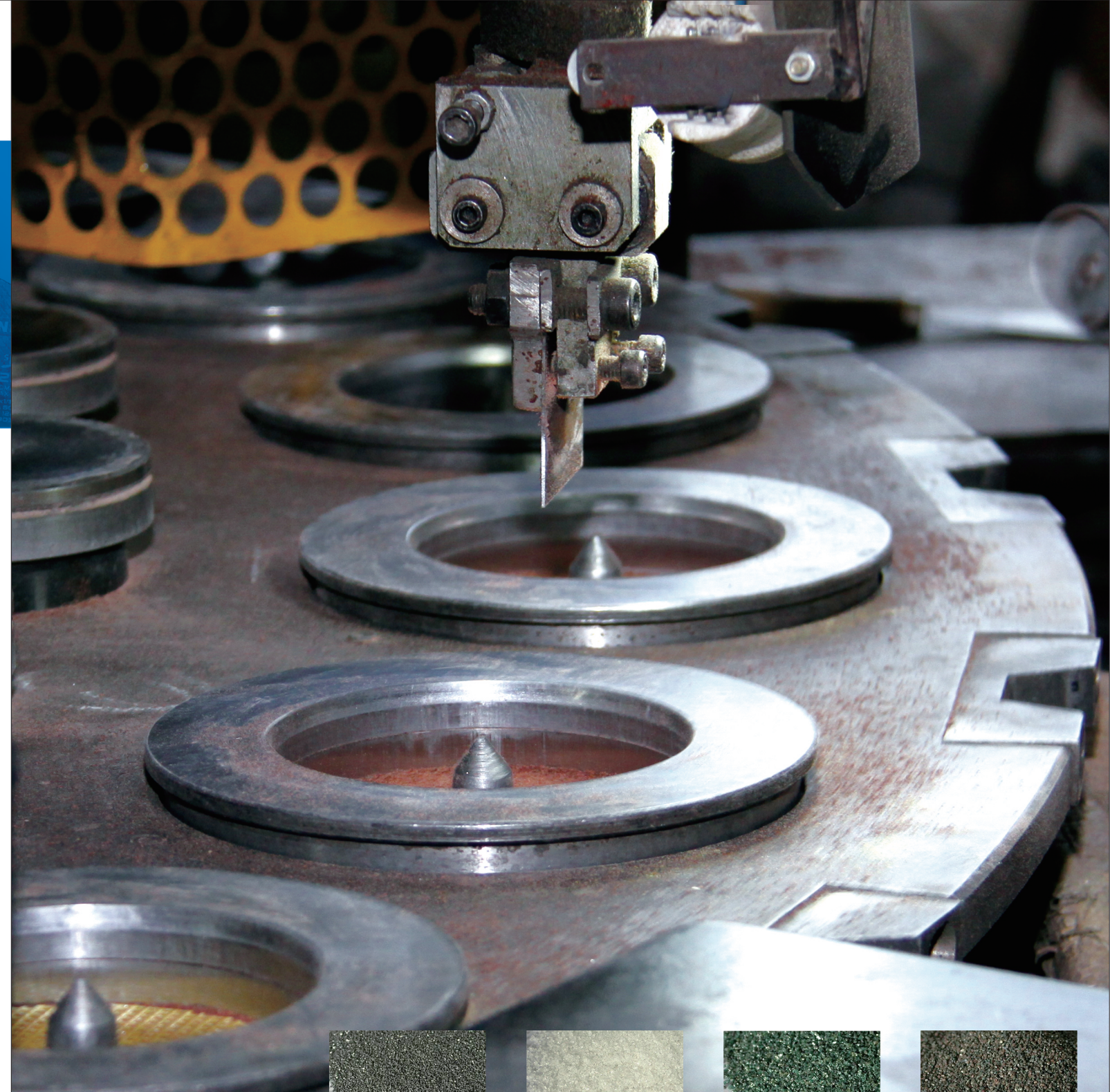
### Anti-attenuation material-PEGASKIN™

PEGASKIN™ is a kind of material reducing the possibility of performance decrease. It means to delay the performance degradation during long-time transportation and storage.



### Never take chance in raw material

Each working procedure is treated with the most rigorous attitude and the advanced environment control. It makes each grain of raw material maximizing the performance and then ensure the high quality and stability of products.



## CONVENIENT AND FAST





## System Of PEGATEC Products

We will provide you high quality abrasives products and offer the best surface treatment and cutting solution as your requirement.

### Wide varieties

PEGATEC covers more than 300 kinds of products which are widely used in different industry applications. From rough grinding to mirror-surface polishing and cutting, we will bring you the most convenient products which can meet your requirement. It means that you can get using experience and application knowledge of different industries from our sales team.

### Unique

when the normal products can't meet your requirement, PEGATEC would like to customize the product suit to you. This is not imagination but base on careful communication with you and requirement analysis. We always take achieving the best efficiency as ultimate goal.

### Applications in various industries

- Still mills
- Foundry
- Shipyard
- Tools and moulds
- Pipeline construction
- Mechanical engineering
- Chemistry and processing
- Automobile manufacturing
- Steel structure work and metal processing
- Container and processing equipment manufacturing
- Aviation applications, gas turbine manufacturing and maintenance.



- |            |                              |
|------------|------------------------------|
| ■ Cutting  | ■ Derusting                  |
| ■ Grinding | ■ Polishing                  |
| ■ Milling  | ■ Wiping And Brushing        |
| ■ Cleaning | ■ Inferior Smooth Processing |

## APPLICATIONS





Act locally, think globally-create thoughtful service for you

We plan and invest for the future. We have the newest logistics center. By this investment, we can provide you the goods supply more timely and help to you to establish market advantage.

### Delivery fast

the goods will be finished within 35 days, and can be shipped by the global logistics network effectively.

### Local purchasing

we have a perfect sales network, with 7 independent sales company and more than 30 trade cooperation retailer. PEGATEC is ubiquitous and stay with you.

### Easy order

PEGATEC staff are always ready to provide help for you. They are committed to offer professional suggestion and finish the order reliably. We pay great attention to your contact because good communication with customer is the key to achieve win-win.

### Click mouse to easily order

whether through [WWW.WINKINGDE.COM](http://WWW.WINKINGDE.COM) or B2B industry trade website, you can order PEGATEC products at any time and anywhere. E-commerce provides 24 hours service.



### Feedback

You have the rights to make evaluation to our service and products. Please send message to [FEEDBACK@WINKINGDE.COM](mailto:FEEDBACK@WINKINGDE.COM) when you need this service.



CONVENIENT AND FAST





## Increase Your Work Efficiency

**We adhere to the philosophy of customer first. Work closely with trade partners and offer professional solution.**

### Paper catalogue is our most important tool

PEGATEC brochure is not just a catalogue. It not only shows our products but include the specific technical information and advise how to efficiently use PEGATEC. This brochure also contains large relevant information in the field of material property and specific industry.

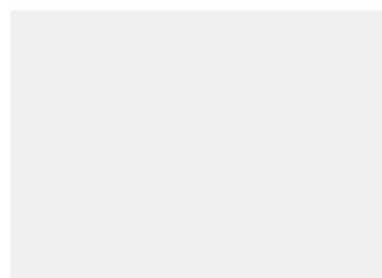
### Technology consultation

We know your competitor and systematically have a set of effective database. It means that you can quickly find the suitable market position by PEGATEC products. Of course, our experts team will be very happy to come to your place and help you to find the reliable & efficient operation solution.

### Provide you with consultation at anytime and anywhere.

Only manufacture high quality and stable batch products can ensure users' safety and consistent effect. To ensure this, all the products of PEGATEC will pass the semi-product testing, finished-product testing and inspection before delivering. Quality passes only after 3 times testing.

- Theory of practice training
- Technology lectures of series products



## YOUR DECISION BASIS





## Help Customer In Retailing And Promotion

**PEGATEC helps you marketing by strong brand and market position, and offer special packing design and products design service to attract attention.**

### Excellent Showing

We offer showing shelves with LED monitor which recycled plays the video of showing PEGATEC high performance in various work-piece application. The showing shelf can display 12 sizes, 50pcs of each size can be kept. There marks the customer needed information. Without enquiry, it is convenient for customer to choose and buy. According to our experience, we reduce the size of shelf but increase the function. It facilitates the store with crowed space to put and make all kinds of show.



### Exquisite promotional products will be provided directly to the user

In addition to product itself promotion scheme, PEGATEC will present customers uniform with PEGATEC logo and the used protective equipment. These series programs will virtually improve brand image and then increase sales volume.



### Customers pay attention to stronger market image

From PEGATEC retail product, you will find more target customer groups pay more attention to outstanding product quality and stronger market image.



## OUR TRUSTWORTHY BRAND-PEGATEC





## We Thank Your Visiting

Do you hope to visit PEGATEC? We are happy to offer invitation letter and welcome to visit PEGATEC and WINKING production base. We would like to offer service and show you our products & solutions.

### Excellent Showing

Winking Abrasives Co.,Ltd  
OFFICE ADD: 15F, Jin Zu Mansion, Headquarters  
Center,Yongkang, Zhejiang, P. R. China  
FACTORY ADD: Huajie Industrial Park, YongKang, Zhejiang,  
P.R.China



### How to place order?

How to communicate with professional sales about the products requirement? You need to prepare the following questions:

- Your market and what industry you are in
- The products specification and quantity
- Your competitors or the brands sold well in your market
- Your special requirements

SMS



MAIL



## CUTTING & GRINDING WHEELS



# Cutting & Grinding Wheels

## Information



With 30 years history, PEGATEC has had the following brands, which are suitable for different regions and customers. Meanwhile, the choice opportunity is increased and also easy for finding the suitable products for you.



### Free-Hand Drive Tools For Cutting

Content				
Drive Tool				
Performance	Multi-Purpose	High Performance	High-Efficient	High cost performance

### Chop Saw & Petrol Saw For Cutting

Content		
Drive Tool	 	 
Performance	High Performance	High-efficient

### Stationery Saw For Cutting

Content		
Drive Tool		
Performance	High Performance	High-efficient

Application		Diameter
	Free-hand angle grinder	100mm-230mm
	Chop saw & Petrol Saw	300mm-355mm
	Stationery Saw	355mm-405mm



# Cutting & Grinding Wheels

## Information

### Free-Hand Drive Tools For Grinding

Content				
Drive Tool				
Performance	High Performance	High Performance		High-efficient

### Free-Hand Drive Tools For Grinding &Cutting

Content	
Drive Tool	 
Performance	Multi-Purpose

### Tools to cooperate

1 APPLIANCE + 2 WORKPIECE + 3 DRIVE TOOLS = BEST ABRASIVES

- We consider the output power of normal angle grinder,workpiece and material appliance into the performance of cutting and grinding wheels.
- Choose the drive tools properly,In order to make handing use efficiently.

1 APPLIANCE	Cutting Page	Grinding Page	Grinding/ Pipeline construction Page	Super grinding Page	Flap Discs Page	Cup Wheel Page
Cutting						
Thin walled Material <3MM	27-54	—	—	—	—	—
Solid Material section bar & Tubing	55-64	—	—	—	—	—
Raw mineral material	41&51	—	—	—	—	—
Grinding and Polishing						
Surface Gring and Polishing	—	68-76	72&76	73	80-85	—
Finishing Welds	—	68-76	72&76	73	80-85	74
Chamfering	—	68-76	72&76	73	80-85	—
Deburring	—	68-76	72&76	73	80-85	74
Concrete	—	73&74	—	—	—	—



2 WORKPIECE





2 WORKPIECE	Material / Material Group		
Rolled Steel Cast Steel	Non-rigid,non-heat-treated steel, strength no more Than 1200 n/mm2 (<38hrc)	Constructional steel Unalloyed steel Carbon steel	Carburize hardening steel Tool steel Cast steel
	Rigid,heat-treated steel. More than 1200 n/mm2 (>38hrc)	Tool steel Alloy steel	Tempered steel Cast steel
INOX	Antirust and acid-resisting steel	Austenite ferritic stainless steel	
Non-ferrous metals	Soft non-ferrous metals	Aluminum alloy Red bronze	Brass Zinc
	Hard non-ferrous metals	Copper	
Plastic and other materials	Fiber reinforced plastics (FRP) Thermoplastic PVA		



3 DRIVE TOOLS	Wheels Diameter (mm)	Ø 100	Ø 115	Ø 125	Ø 180	Ø 230
Performance Levels	Power	Wattage	Wattage	Wattage	Wattage	Wattage
	Machine Type					
Pneumatic Tools Turbine Tools High-frequency Tools	Pneumatic、adjustable speed	-	< 1.000	< 2.000	< 4.500	< 4.500
	High-frequency (300Hz)	-	-	< 1.700	< 3.700	< 3.700
High-power	Pneumatic	-	< 800	< 1.000	< 1.900	< 2.200
	Motor-driven、Adjustable speed	-	< 1.400	< 1.500	< 2.500	< 2.800
	Motor-driven	< 700	< 1.000	< 1.200	< 2.200	< 2.500
Low-power	Pneumatic	< 400	< 600	< 800	< 1.500	< 1.800
	Motor-driven	< 500	< 700	< 900	< 1.800	< 2.000



BEST ABRASIVES

If any questions on the output power of the machine,We suggest you to use the low output power to ensure safety.



MAX Running Speed

In order to meet the standard of EN12413, the Max running speed is showed on products' label and package with different Color bars.

Max Speed	Color Bar	Area Using
50 M/S		Adjustable speed Tool Market
63 M/S		Adjustable speed Tool Market
70 M/S		Asia Market
80 M/S		Europe,America,Africa, South America
100 M/S		Pneumatic Tool Market

Shape Specification System

The symbol of the drawing show  
D=Diameter X T=Thickness X H=center hole D X T X H for example(115x1x22)

TYPE 41	TYPE 27	TYPE 42	TYPE 29	TYPE 27

Safety Diagrams these are industry standard



Mouth  
Protection



Wear  
Gloves



Eye  
Protection



Ear  
Protection



Read  
Instruction



Not For  
Side Grinding



Damaged  
Wheel

Installation System

Installation system plays a decisive role on the safety in the safe usage of PEGATEC tools.  
It is important to fasten the abrasive tools,otherwise it may bring danger to you.Two flange plates,which meet the standard of EN60745-2-3: 2007, AS1788.1: 1987 and ANSI B7.1: 2000,must be fastened with products.

**INCORRECT**  
Flanges not equal in diameter



**CORRECT**  
Flanges equal in diameter



PEGATEC is a member of EN12413

PEGATEC promise to produce superior tools according to the strictest safety standard, and also promise to insist on the safety and quality monitoring persistently.PEGATEC Products with the logo of  
EN12413: 2007  
EN13743: 2001

Security of grinding

The manufacturer of abrasives and machine tools play a decisive role on the security of grinding.

PEGATEC tools must meet the due security requirements. However, the final decision factor is whether the users operate power tools and abrasives products properly and safely or not.

The dangerous maybe happen even if you think it is under the safety circumstances.

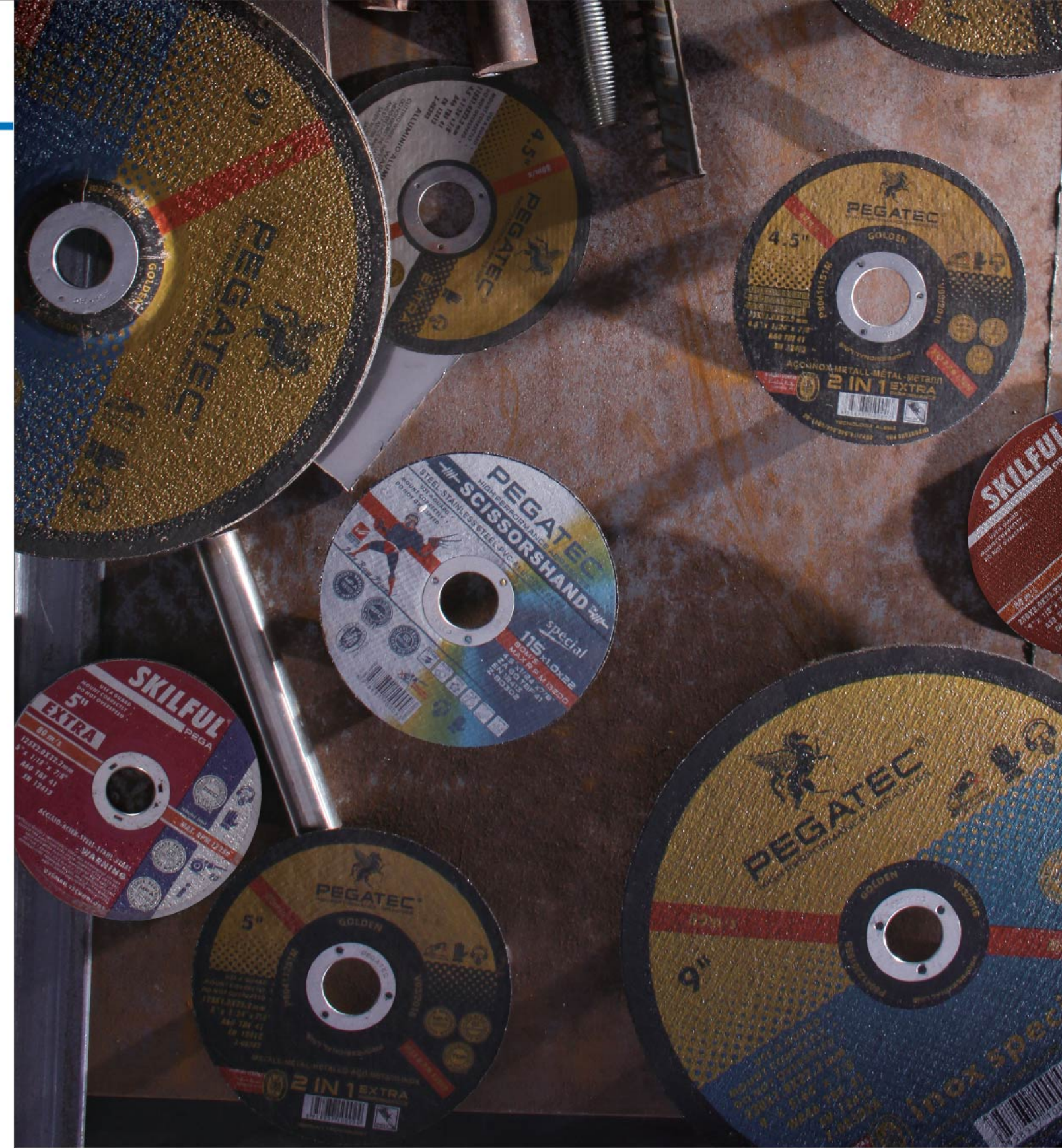
Please operate your tools and abrasive products prudently. And stop using immediately if getting stuck by workpiece or something unusual when cutting.

Cutting Wheels not for grinding .Grinding wheels not for cutting



## Cutting & Grinding Wheels

### Information Note



## CUTTING DISC



# Cutting Wheels

Cutting wheels-Modern industry demand for cutting wheels

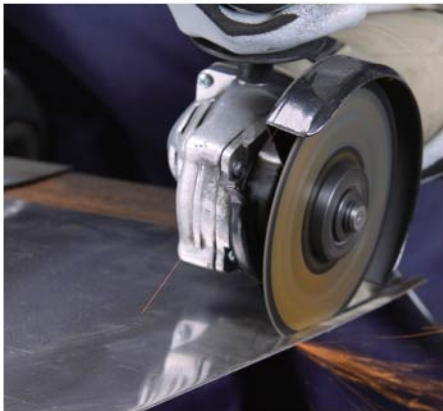


### Fast, powerful, and easy

Super thin cutting wheels with the thickness 0.8mm/1.2mm and 1.6mm/1.9mm,

- coming into being minimal burrs as the fast
- without deviation cutting
- Easy cutting

PEGATEC super thin series with quite high economic efficiency for cutting bars and plates, Also Durability is extremely obvious



### Specialized cutting wheels for INOX

INOX material is Increasingly important as its character of hardness and highly vulnerable to pollution as high temperature.

The technology of whole PEGATEC series was quite improved in the past 2 years, which can fast cut INOX, reduce friction extremely to abate pollution of INOX material, and also with the extremely durable performance. PEGATEC INOX series with the similar advantages for Metal as well.



### Frequently-used Cutting Wheels

Frequently-used Cutting Wheels for various applications must have high safety performance and hardness of lateral impact. Both Foundry de-gating slag and cutting more depth hardness metal, only with the extremely high performance can meet.

PEGATEC provide the products with 4mm thickness, which is enough to meet the demand of maximum load cutting, Not easy to break.

Use the big enough flange (76MM is for the machine 180mm/230mm), which improve the users security. Especially in using the air turbine and high-frequency angle grinding machines.



### Multipurpose cutting wheels

Multipurpose cutting wheels are used in cutting different workpieces and materials.

Multipurpose cutting wheels must be suitable for the attribute of stainless steel, steel, PAV, Plastic, Aluminum, concrete, copper and other materials. And also meet the requirements of various attribute for cutting wheels, Meanwhile guarantee the security and durability.

PEGATEC-SCISSORSHAND, provide the high load operation for various materials, which is suitable for all kinds of material application under the bad environment. And also provide the most convenience, security and economy to customers.



# Cutting Wheels

Identifying information

### Product Line

PEGATEC cutting wheels with the perfect cutting result.

There are 4 product lines with different performance and feature. Respective direct at customer group, type of drive tools and processing task.

	<b>High-performance And Multipurpose.</b> <ul style="list-style-type: none"><li>■ Multipurpose cutting</li><li>■ Superior durability</li></ul>			<b>General purpose</b> <ul style="list-style-type: none"><li>■ Common processing and hand finishing</li><li>■ Sharp, Easy</li></ul>	
	<b>High-performance</b> <ul style="list-style-type: none"><li>■ Widely used in industrial processing</li><li>■ Sharp, Durable</li></ul>			<b>Low-cost type</b> <ul style="list-style-type: none"><li>■ For common processing</li><li>■ Durable, Low cost</li></ul>	

Each series with the differentiation of high cost and performance, which can meet the processing task and purchase cost of different worldwide industries completely. And certainly you will find the best cutting wheels for different appliance.

### Various appliances' query

All the PEGATEC products are showed in following sheet. According to 1 appliance and 2 material, you will find the suitable tools for you.

1 Material	Steel, Cast Steel	INOX	Rust, Cast Iron	Cast Iron, Stone	Aluminum, Nonferrous metals
2 Appliance	Page	Page	Page	Page	Page
Cutting Metal plate and thin-wall materials <3MM	29- 31 34- 37 46-47	29- 31 38-39 48-49	29- 31 40 52	29- 31 51 41	29- 31 42 49-50
Cutting large solid material and section bar	60-64	—	—	—	—

P	80	41	115	1	SS
1	2	3	4	5	6
1. P	(Brand short name) SPC= SCISSORSHAND P= PEGATEC S= SKILFUL				
2. 80	Running speed 80=80M/S 70=70M/S				
3. 41	41=Flat cutting wheels 27=Grinding wheels 42=Depressed centre cutting wheel				
4. 115	Diameter 115=4.5"				
5. 1	Thickness 1=1,0mm - 1,2mm				
6. SS	SS=Stainless Steel S=Concrete, Stone M=Steel A=Aluminum, Copper product IN=INOX & Steel				





Cutting Wheels
Identifying information



Identification of certificate



Abrasives

A	60	T	BF	41
1	2	3	4	5
1	A	A = Luminum Oxide Z = Zirconia alumina C = Silicon carbide ZA = Zirconia alumina & Aluminum Oxide		
2	60	Grain Size of abrasives		
3	T	Hardness Grade According to the ascending order of the alphabet, A-Z from soft to extremely hard.		
4	BF	Bond (Resin Bonded)		
5	41	41=Flat cutting wheels 27=Grinding wheels 42=Depressed centre cutting wheel		

Color Code System

Color code for various work-piece (identify the applicable to the work-piece, just look at the color.)

Material group PEGATEC Series	Page	Material group SKILFUL Series	Page	Material group SCISSORSHAND Series	Page
STEEL	36	STEEL	46	STEEL STAINLESS STEEL CONCRETE & STONE CAST IRON ALUMINUM	26
STAINLESS STEEL	38	STAINLESS STEEL	47	Material group 4 IN 1	53
CONCRETE & STONE	41	CONCRETE & STONE	51	STEEL STAINLESS STEEL CAST IRON ALUMINUM	34
CAST IRON	39	CAST IRON	52		
ALUMINUM	42	ALUMINUM	49		



SCISSORSHAND MULTIPURPOSE





Multipurpose cutting  
Unique And Quality Is Irreplaceable



**BEFORE**  
Different Cutting Disc And Used  
In Cutting Different Material

**NOW**  
Different Material Can Be Treated  
By Only One Cutting Disc



**SCISSORSHAND  
ALL - IN - ONE**

PEGATEC-SCISSORSHAND, providing you any material's cutting and application under complex environment

The latest technology endows the ALL-IN-ONE function to PEGATEC-SCISSORSHAND. There is no need to change the products frequently when cutting various materials, then improving the working efficiency.

Product Advantages

- Super Long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

Cutting Material

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**NOW!** you can use SCISSORSHAND to achieve the following result.



Soft Work Piece:

SCISSORSHAND can cut a 12mm steel rebar in 4 seconds, and only lost 5% after cutting 3X3 L shape steel 30 times



Stainless Steel:

it has high requirement to the surface finish. The workers don't like burr and burn stains on the surface after cutting. It will mean re-working. With high efficiency of cutting, SCISSORSHAND will make no burr and burn stains.



Aluminum:

the normal cutting disc can't be used for aluminum material. The 100% purity aluminum is very soft, it will block the hole on the surface of cutting disc. In this case, the cutting disc will slip and never end. SCISSORSHAND shows the advantage obviously at this time, it cuts aluminum smoothly and left no pollution to the surface. It also easy to cut the aluminum allo



Cast iron and stone:

cast iron is of high hardness. There is a common feature of cast iron and stone-fragile. This high hardness and fragile material requires highly to the cutting disc which should ensure the durability. SCISSORSHAND optimizes the performance on cast iron and stone. The durability is 20% higher than the normal products.



Highest Productivity And Performance In Cutting

Product				
	SCISSORSHAND (SPC Series)	PEGATEC (TOP Series)	SKILFUL (TOP Series)	Competitor
Life				
	Disc after 15 times cutting	Disc after 15 times cutting	Disc after 15 times cutting	Disc after 15 times cutting
Performance (Life Of Product, cutting Speed, Sparkle, hand Feeling)	10%>	10%>	10%>	
Additional Value (Application, package, advertisement)	20%>	10%>	5%>	

Comprehensive performance

Durability:	Sharpness:	Hardness:
5 6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		

Sealed barrels



Usage Recommendation

- Cutting wheels with thickness 1.0/1.6/1.9mm, are appropriate for easy and fast cutting, and leave minimal burrs on the work-piece.
- Apply to angle grinders with various output power.
- With large chucking flange, lateral stability is enhanced, and insure the precision orientation of cutting wheels. Especially be appropriate for 180mm and 230mm flat cutting wheels.





### 4" Multi-purpose Cutting Wheels 1,0/1,6mm

**105x1.0x16.2**  
80M/S  
MAX RPM 15300  
4.5x1.24x7.8  
2A 50 TBF 41  
EN 12413  
Z-80302

- Used on 4" Angle Grinder, Diameter of 105mm SCISSORSHAND cutting wheels are more durable for customers. This item is welcomed by high-requirements customers in Asia.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials** **ALL ONE**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:** 5 6 7 8 9 10

**Sharpness:** 5 6 7 8 9 10

**Hardness:** 5 6 7 8 9 10

**Max speed:** 70M/S 80M/S

**Fiberglass**

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC80411051	105x1.0x16	50	800	80m/s
SPC804110516	105x1.6x16	25	800	80m/s

**Unique Packaging**  
The package of China-Lock-Box, bringing the convenience to retail market and wonderful market image.

### 4" Multi-purpose Cutting Wheels 1,0/1.6mm 70m/s

**105x1.0x16**  
80M/S  
MAX RPM 15300  
4.5x1.24x7.8  
2A 50 TBF 41  
EN 12413  
Z-80302

- Used on 4" Angle Grinder, Diameter of 105mm SCISSORSHAND cutting wheels are more durable for customers. This item is welcomed by high-requirements customers in Asia.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials** **ALL ONE**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:** 5 6 7 8 9 10

**Sharpness:** 5 6 7 8 9 10

**Hardness:** 5 6 7 8 9 10

**Max speed:** 70M/S 80M/S

**Fiberglass**

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC70411051	105x1.0x16	50	800	70m/s
SPC804110516	105x1.6x16	25	800	80m/s

**Unique Packaging**  
The package of China-Lock-Box, bringing the convenience to retail market and wonderful market image.



### 4.5" & 5" multi-purpose Cutting Wheels 1,0mm

**115x1.0x22**  
80M/S  
MAX RPM 15300  
4.5x1.24x7.8  
2A 50 TBF 41  
EN 12413  
Z-80302

- Used on 4.5" and 5" Angle Grinder, Diameter of 115mm & 125mm SCISSORSHAND cutting wheels are more durable for customers. These two items are widely used in Europe, South America, Middle East and so on other areas.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials** **ALL ONE**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:** 5 6 7 8 9 10

**Sharpness:** 5 6 7 8 9 10

**Hardness:** 5 6 7 8 9 10

**Max speed:** 70M/S 80M/S

**Fiberglass**

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC80411151	115x1.0x22,23	50	800	80m/s
SPC80411251	125x1.0x22,23	25	800	80m/s

**Unique Packaging**  
The package of China-Lock-Box, bringing the convenience to retail market and wonderful market image.

### 4.5" & 5" multi-purpose Cutting Wheels 1,6/2.0mm

**115x1.6x22**  
80M/S  
MAX RPM 15300  
4.5x1.24x7.8  
2A 50 TBF 41  
EN 12413  
Z-80302

- Used on 4.5" and 5" Angle Grinder, Diameter of 115mm & 125mm SCISSORSHAND cutting wheels are more durable for customers. These two items are widely used in Europe, South America, Middle East and so on other areas.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.
- SCISSORSHAND with thickness 1.6mm/2.0mm not only for fast cutting with minimum burr, but also more durable.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials** **ALL ONE**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:** 5 6 7 8 9 10

**Sharpness:** 5 6 7 8 9 10

**Hardness:** 5 6 7 8 9 10

**Max speed:** 70M/S 80M/S

**Fiberglass**

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC804111516	115x1.6x22,23	50	400	80m/s
SPC804111520	115x2.0x22,23	50	400	80m/s
SPC804112516	125x1.6x22,23	50	400	80m/s
SPC804112520	125x2.0x22,23	50	400	80m/s

**Unique Packaging**  
The package of China-Lock-Box, bringing the convenience to retail market and wonderful market image.

### 6" & 7" multi-purpose Cutting Wheels 1,6mm

**180x1.6x22**  
80M/S  
MAX RPM 15300  
7x1.16x7.8  
2A 50 TBF 41  
EN 12413  
Z-80302

- Used on 6" and 7" Angle Grinder, Diameter of 150mm & 180mm SCISSORSHAND cutting wheels are more durable for customers. These two items are widely used in Europe, South America, Middle East and so on other areas.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.
- SCISSORSHAND with thickness 1.6mm not only for fast cutting with minimum burr, but also more durable.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials** **ALL ONE**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:** 5 6 7 8 9 10

**Sharpness:** 5 6 7 8 9 10

**Hardness:** 5 6 7 8 9 10

**Max speed:** 70M/S 80M/S

**Fiberglass**

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC8015016	150x1.6x22,23	50	400	80m/s
SPC8018016	180x1.6x22,23	50	400	80m/s

**Unique Packaging**  
The package of China-Lock-Box, bringing the convenience to retail market and wonderful market image.






Cutting Wheels  
SCISSORSHAND SERIES



9" Multi-Purpose cutting wheels 1,9mm



- Used on 9" Angle Grinder, Diameter of 230mm SCISSORSHAND cutting wheels are more durable for customers. These two items are widely used in Europe, South America, so on other areas.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.
- 1.9mm thickness widely used for various cutting application. Increase side strength to ensure safer application.

**Product advantages**

- Super-long durability
- High-speed cutting
- No need to change the wheels even for different material's cutting.
- Comfortable cutting experience
- Economic

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Aluminium Alloy, Aluminium, Copper
- Rigid plastic, PVA
- Concrete, Brick

**Comprehensive performance**

**Durability:**

5 6 7 8 9 10

**Sharpness:**

5 6 7 8 9 10

**Hardness:**

5 6 7 8 9 10


**Max speed:**

70M/S 80M/S


**Fiberglass**

-----

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC804123019	230x1,9x22,23	30	120	80m/s



9"Multi-purpose Cutting Wheels 2,0 &2.5mm



- Used on 9" Angle Grinder, Diameter of 230mm SCISSORSHAND cutting wheels are more durable for customers. These two items are widely used in Europe, South America, Middle East and so on other areas.
- Fast cutting for various materials with Minimum friction and low-calorie output, to reduce the pollution of the material
- With excellent grinding performance and super-long service life for the application Of stainless steel and steel.
- 2,0 & 2,5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.

ALL IN ONE

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC8015016	150x1,6x22,23	50	400	80m/s
SPC8018016	180x1,6x22,23	50	400	80m/s



PEGATEC CUTTING WHEELS SERIES





Sharp & Durable

**PEGATEC**  
**SHARP & DURABLE**

Works To The Overall Performance Not  
Only To Win One Feature To The Extent

In the industrial complex applications, PEGATEC has related special series on steel, stainless steel, aluminum, concrete, cast iron. It performs excellent sharpness and extra durability in each application, that is one reason PEGATEC welcomed by the users in different countries.

**Product Advantages**

- Extra durability
- Fast cutting speed
- High break-resistance
- Comfortable cutting experience
- Economic
- Packed with Anti-damping Sealed box(part of the products)

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Large pipe

**Usage Recommendation**

- The product with "T"hardness is used for cutting solid metal material. It has excellent abrasive performance and extra durability.
- Application suggestion: the discs with 1.0/1.6/1.9mm thickness are used for fast and sample cutting with less burr.
- 2.5mm thickness is used for cutting common material.
- 3.2/3mm thickness disc is of long life and high profile stability.

**PEGATEC Performance**

**SHARP** ← → **LIFE**

**BEST PEGATEC** **BETTER SKILFUL** **GOOD OTHER**

- We think that one excellent product must ensure high efficiency and durable performance, and make the user feel comfortable. So cut rate and sharpness play important successful factors.
- **Life&Cut Rate**  
In the applications of cutting and grinding, PEGATEC high workpiece loss increase the users'working efficiency and improve the cost-effectiveness correspondingly.
- **Life&Sharpe**  
On the premise of guarantee durability, PEGATEC provides smooth cutting and grinding as much as possible.

4" Super Thin Cutting Disc For Steel And Stainless Steel 1,0/1,6mm

- ØUsed for 4" angle machine, 105mm diameter super thin disc (the normal size is 100mm) provides more durability, suitable for most Asian customer with high requirement.
- 1mm thickness can fastly cut different material , minimize friction and increase sharpness.
- Has perfect abrasive performance and extra durability on application of steel.

**Product advantages**

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Economic

**Application**

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

**Materials**

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Mild steel

Comprehensive performance			EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
Durability:	5 6 7 8 9 10	Sharpness:	5 6 7 8 9 10	Hardness:	5 6 7 8 9 10		
Max speed:	70M/S 80M/S	Fiberglass:					
			P80411051	105x1.0x16	50	800	80m/s
			P804110516	105x1.6x16	25	800	80m/s

4"Common Cutting Disc, Use For Steel 2,0/2,5mm

- ØUsed for 4" angle machine, 105mm diameter super thin disc (the normal size is 100mm) provides more durability, suitable for most Asian customer with high requirement.
- 2,0/2.5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.

For Angle Grinder For METAL For 80M/S

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411002M	100x2,0x16	50	600	80m/s
P804110025M	100x2,5x16	50	600	80m/s
P80411052M	105x2,0x16	50	600	80m/s
P804110525M	105x2,5x16	50	600	80m/s

4" Common Cutting Disc, Use For Steel 2,0/2,5mm 70m/s

- ØUsed for 4" angle machine, 105mm diameter super thin disc (the normal size is 100mm) provides more durability, suitable for most Asian customer with high requirement.
- 2,0/2.5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.
- Economic & Sharp

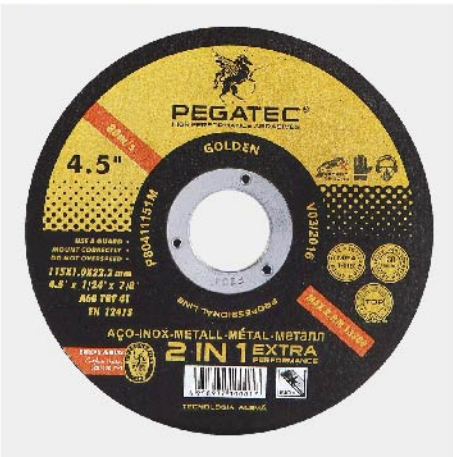
For Angle Grinder For METAL For 70M/S

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70411002M	100x2,0x16	50	400	70m/s
P704110025M	100x2,5x16	50	400	70m/s
P70411052M	105x2,0x16	50	400	70m/s
P704110525M	105x2,5x16	50	400	70m/s





4,5" Super Thin Cutting Disc Used For Steel And Stainless Steel 1,0/1,6mm



- Used for 4.5"grinder, 115mm diameter products are suit to European, South-American, Middle-east and etc.
- 1mm thickness can fastly cut different material, minimize the friction and increase sharpness
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Chain-lock box and retail packing will bring convenient marketing image.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411151IN	115x1,0x22,23	50	400	80m/s
P804111516IN	115x1,6x22,23	50	400	80m/s
P80411152IN	115x2,0x22,23	50	400	80m/s
P804111525IN	115x2,5x22,23	50	400	80m/s

Unique Packaging



5" Super Thin Cutting Disc Used For Steel And Stainless Steel 1,0/1,6/2,0mm



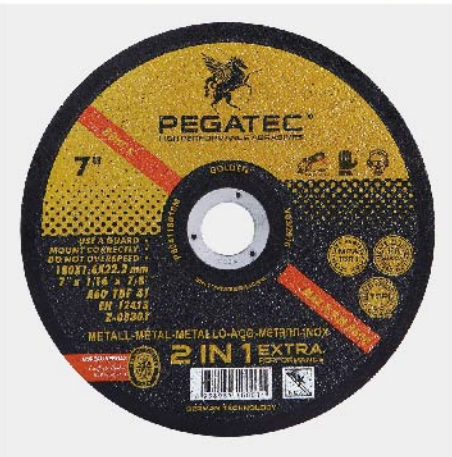
- Used for 4.5"grinder, 115mm diameter products are suit to European, South-American, Middle-east and etc.
- 1mm thickness can fastly cut different material, minimize the friction and increase sharpness
- 2,0mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Chain-lock box and retail packing will bring convenient marketing image.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411251IN	125x1,0x22,23	50	400	80m/s
P804112516IN	125x1,6x22,23	—	200	80m/s
P80411252IN	125x2,0x22,23	30	480	80m/s
P804112525IN	125x2,5x22,23	40	240	80m/s

Unique Packaging



6" 7" Super Thin Cutting Disc Used For Steel 1,6/2,0/2,5mm

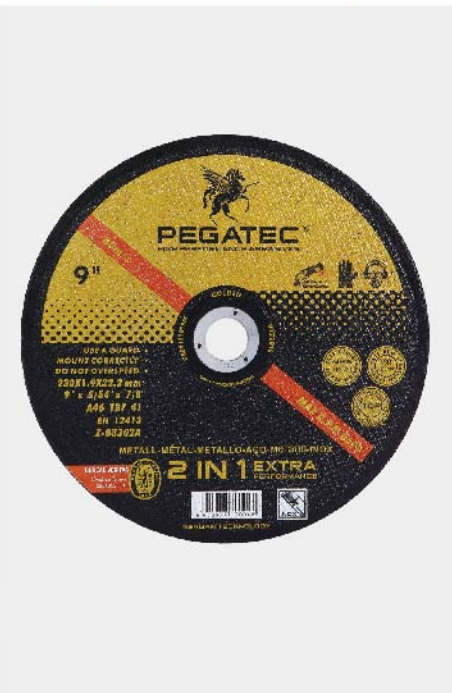


- Used for 6"and 7"grinder, 150mm and 180 diameter products are suit to European, South-American, Middle-east and etc.
- 1.6mm thickness can fastly cut different material, minimize the friction and increase sharpness.
- 1.9/2.0/2.5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P804115016M	150x1,6x22,23	50	400	80m/s
P804118016M	180x1,6x22,23	50	400	80m/s
P80411802M	180x2,0x22,23	50	400	80m/s
P804118025M	180x2,5x22,23	50	400	80m/s

9" Super Thin Cutting Disc Used For Steel 1,9/2,2/2,5mm



- Used for 9"grinder, 230mm diameter products are suit to European, South-American, Middle-east and etc.
- 1.6mm thickness can fastly cut different material, minimize the friction and increase sharpness.
- 1.9/2.2/2.5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.

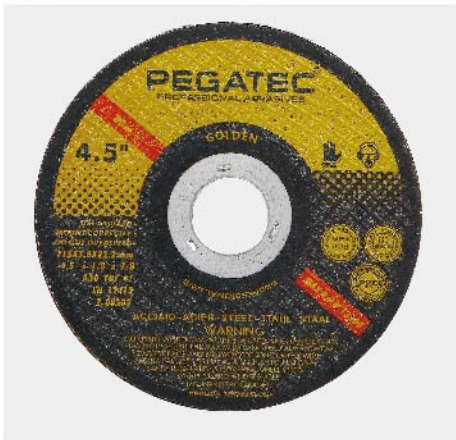


EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P804123019M	230x1,9x22,23	30	120	80m/s
P804123022M	230x2,2x22,23	40	120	80m/s
P804123025M	230x2,5x22,23	20	100	80m/s





4,5" 5" Cutting Disc With 3.0mm Thickness Used For Steel



- Used for 4.5" and 5" angle grinder, 115mm&125mm diameter products are suit to European, South-American, Middle-east and etc.
- 3.2/3.0mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411153M	115x3,0x22,23	30	480	80m/s
P80421153M	115x3,0x22,23-T42	25	200	80m/s
P80411253M	125x3,0x22,23	25	200	80m/s
P80421253M	125x3,0x22,23-T42	40	240	80m/s

7" Cutting Disc With 3.0mm Thickness Used For Steel



- Used for 7" and 9" angle grinder, 180mm&230mm diameter products are suit to European, South-American, Middle-east and etc.
- 3.2/3.0mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411803M	180x3,0x22,23	50	100	80m/s
P80421803M	180x3,0x22,23-T42	25	100	80m/s

4,5" 5" Cutting Disc With 3.0mm Thickness Used For Steel



- Used for 4.5" and 5" angle grinder, 115mm&125mm diameter products are suit to European, South-American, Middle-east and etc.
- 3.2/3.0mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411153M	115x3,0x22,23	50	400	80m/s
P80421153M	115x3,0x22,23-T42	50	400	80m/s
P80411253M	125x3,0x22,23	50	400	80m/s
P80421253M	125x3,0x22,23-T42	50	400	80m/s

Stainless steel series:



- Usually stainless steel cutting will face the problem that it creates thermal pollution which make the stainless steel surface becoming blue and black. It will take much time and cost to repair and polishing again. INOX SPECIAL is a series of products made by special material that decrease the friction, increase the sharpness and prevent the hot corrosion of stainless steel.

Product advantages

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Economic

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Galvanized tube

Materials

- Stainless Steel, acid-resistant steel
- Tool steel
- high-tensile structural steel
- Mild steel
- Nonferrous metal

Comprehensive performance

Durability:

6 7 8 9 10

Sharpness:

5 6 7 8 9 10

Hardness:

5 6 7 8 9 10

Max speed:

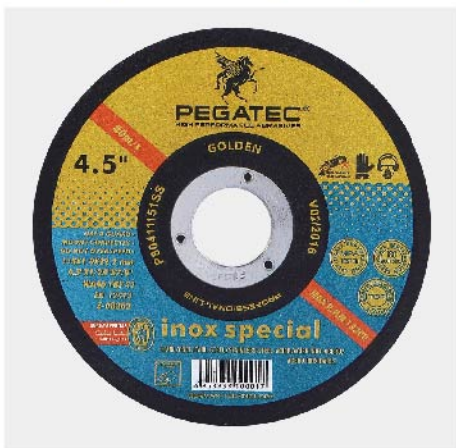
70M/S 80M/S

Fiberglass

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Inox Special 4"/4.5"/5" Cutting Disc With 1,0mm Thickness



- Used for 4.5" and 5" angle grinder, 105mm diameter is suit to Asia market, 115mm&125mm are suit to European and South-America market.
- 1mm thickness cutting disc can satisfy fast cutting with little burr and offer durability.
- INOX SPECIAL can fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- Have the excellent abrasive performance and extra working life in application of stainless steel, obvious advantage among the competition of various brands.
- Have the function of fastly cutting ordinary metal.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411051SS	105x1,0x16	50	800	80m/s
P80411151SS	115x1,0x22,23	50	400	80m/s
P80411251SS	125x1,0x22,23	50	400	80m/s
P804112516SS	125x1,6x22,23	—	200	80m/s



Inox Special 6"/7"/9" Cutting Disc With 1.6mm /1.9mm Thickness.



- Used for 6" and 7&9" angle grinder. 150mm/180mm/230mm are suit to European, American market.
- INOX SPECIAL can fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- 1.9mm thickness widely used for various cutting application. Increase side strength to ensure safer application. Improve the side stability and guarantee guide precision of cutting disc.
- Have the excellent abrasive performance and extra working life in application of stainless steel, obvious advantage among the competition of various brands.
- Have the function of fastly cutting ordinary metal.

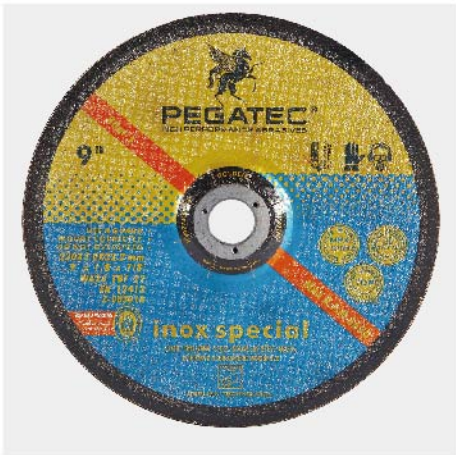
EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P804115016SS	150x1,6x22,23	50	200	80m/s
P804118016SS	180x1,6x22,23	50	200	80m/s
P804123019SS	230x1,9x22,23	30	120	80m/s







Inox Special Cutting Disc With 3,0mm Thickness



- 100mm diameter is suit to Asia market, 115/125/150mm/180mm/230mm diameters are suit to European, Middle-east and American market.
- INOX SPECIAL can fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.
- Depressed centre(Type 42) cutting discs add the function of slight grinding, help the user clear the burr after cutting.
- Have the function of fastly cutting ordinary metal.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411003SS	100x3,0x16	50	400	80m/s
P80411153SS	115x3,0x22,23	35	560	80m/s
P80411253SS	125x3,0x22,23	50	300	80m/s
P80411803SS	180x3,0x22,23	50	100	80m/s
P80412303SS	230x3,0x22,23	30	90	80m/s



Cast Iron Series:



- Usually cast iron pipe is with thin thickness and fragile character. Cut by traditional saw, cutting accuracy is not high. CAST IRON SPECIAL can fast cut and operation is sample and flexible. The surface is smooth without burr and pollution after cutting.

Product advantages

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Economic
- Superior wheel balance

Application

- Material of Thin-walled tube
- Mandrel material
- Various pipe
- Casting head

Materials

- Graphitization cast iron
- Stone
- Ductile iron
- Malleable cast iron
- Grey cast iron
- Nonferrous metal

Comprehensive performance

Durability:	Sharpness:	Hardness:
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		



Cast Iron Special 7"/9" Cutting Disc With 3,0mm Thickness



- CAST IRON SPECIAL is used for cutting casting head with diameter no reach 1/3 of cutting disc, the surface is smooth after cutting and no need to do surface repairation.
- Increasing feed pressure avoids the safety hazard made by fracture when cutting.
- Maximize the friction and sharpness, save more cost than chemical cutting.
- 3.0mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.
- Depressed centre(Type 42) cutting discs add the function of slight grinding, help the user clear and repair the burr after cutting.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411803C	180x3,0x22,23	50	100	80m/s
P80421803C	180x3,0x22,23-T42	25	100	80m/s
P80412303C	230x3,0x22,23	30	90	80m/s
P80422303C	230x3,0x22,23-T42	25	75	80m/s



Stone Series:



- STONE SPECIAL is used for cutting building material as concrete, brick, tile and etc. which can keep work-piece well after cutting. The hardness of natural stone granite& basalt and un-stability of limestone & marble are solved by STONE SPECIAL. The loss will be decreased in cutting.t

Product advantages

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Economic
- Superior wheel balance

Application

- Material of Thin-walled tube
- Mandrel material
- Various pipe
- Casting head

Materials

- Graphitization cast iron
- Stone
- Ductile iron
- Malleable cast iron
- Grey cast iron
- Nonferrous metal

Comprehensive performance

Durability:	Sharpness:	Hardness:
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		





Stone Special 4.5"/5" Cutting Disc With 1.6mm Thickness.

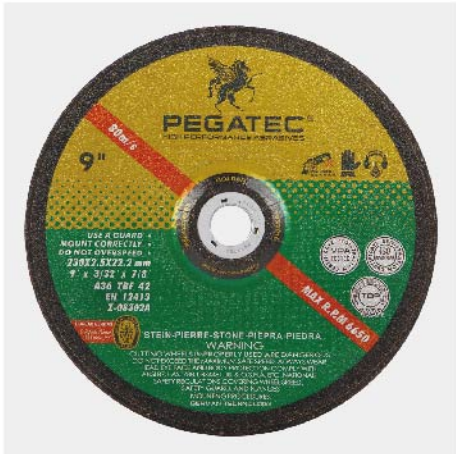


- STONE SPECIAL is the alternatives of diamond blade, used for cutting stone material, makes no pollution and surface damage.
- Increasing feed pressure avoids the safety hazard made by fracture when cutting.
- Maximize the friction and sharpness, cost less than diamond blade.
- 1.6 mm thickness widely used for various cutting, less dust when cutting.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P804111516S	115x1,6x22,23	50	400	80m/s
P804112516S	125x1,6x22,23	—	200	80m/s

Stone Special 7"/9" Cutting Disc With 3mm Thickness



- STONE SPECIAL is the alternatives of diamond blade, used for cutting stone material, makes no pollution and surface damage.
- Increasing feed pressure avoids the safety hazard made by fracture when cutting.
- 3.0 mm thickness widely used for various cutting. Increase side strength to ensure safer application.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.
- Depressed centre(Type 42) cutting discs add the function of slight grinding, help the user clear and repair the burr after cutting.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411803S	180x3,0x22,23	50	100	80m/s
P80421803S	180x3,0x22,23-T42	25	100	80m/s
P80412303S	230x3,0x22,23	30	90	80m/s
P80422303S	230x3,0x22,23-T42	25	75	80m/s



Aluminum Series:



- PEGATEC offer discs applied in any type aluminum. Aluminum powder will block the air hole inside cutting disc which make slow cutting or unable cutting. However, ALUMINUM SPECIAL will solve such kind problem. Long time polishing in enclosed space will fill the air with a lot of aluminum powder. And the ignition point of aluminum is low, it may explode once meet fire, high temperature, friction. Applying thin cutting disc will reduce half of the dust.

Product advantages

- Extra durability
- High-speed cutting
- Low dust
- Comfortable cutting experience
- Economic
- Superior wheel balance
- No block

Application

- Material of Thin-walled tube
- Mandrel material
- Plate material
- Solid material

Materials

- Aluminium alloy
- Magnesium alloy
- Brass and bronze
- Metallic bearing
- Nonferrous metal

Comprehensive performance

Durability:	Sharpness:	Hardness:
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		



Aluminium Special Cutting Disc With 1.0/1.6 Thickness



- Aluminium SPECIAL is used for cutting various profiles, make no pollution and surface damage.
- Increasing feed pressure avoids the safety hazard made by fracture when cutting.
- Prevent slow cutting or unable cutting made by air hole blocking when cutting.
- Maximize the friction and sharpness, cost less than diamond blade.
- 1.6/1.9 mm thickness widely used for various cutting, less dust when cutting.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P804111516A	115x1,6x22,23	50	400	80m/s
P804112516A	125x1,6x22,23	—	200	80m/s
P804118016A	180x1,6x22,23	50	200	80m/s
P804123019A	230x1,9x22,23	30	120	80m/s

Aluminium Special Cutting Disc With 3mm Thickness



- Aluminium SPECIAL is used for cutting various profiles, make no pollution and surface damage.
- Increasing feed pressure avoids the safety hazard made by fracture when cutting.
- Prevent slow cutting or unable cutting made by air hole blocking when cutting.
- Considering Ergonomics, 3.0mm thickness cutting disc reduces the shake and keep superior balance.
- Maximize the friction and sharpness, cost less than diamond blade.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411002A	100x2,0x16	50	500	80m/s
P80411153A	115x3,0x22,23	25	200	80m/s
P80411253A	125x3,0x22,23	50	300	80m/s
P80411803A	180x3,0x22,23	50	100	80m/s
P80412303A	230x3,0x22,23	30	90	80m/s





SKILFUL CUTTING WHEELS SERIES



Sharp & Easy  
Comfortable experience to irresistible



SKILFUL  
SHARP & EASY

SKILFUL is very strong, fast and efficient. This is not the only reason for you to release your tool.

Efficient fast cutting and grinding seems extremely important for workers to strive for the efficiency, but comfortable handling feel brings a cutting pleasant sensation to users. SKILFUL - a superior product which is easy to use but hard to discard.

Product Advantages

- Superior Durability
- Ultrahigh cutting speed
- High break-resistance
- Comfortable cutting experience
- Economic
- Cost-effective

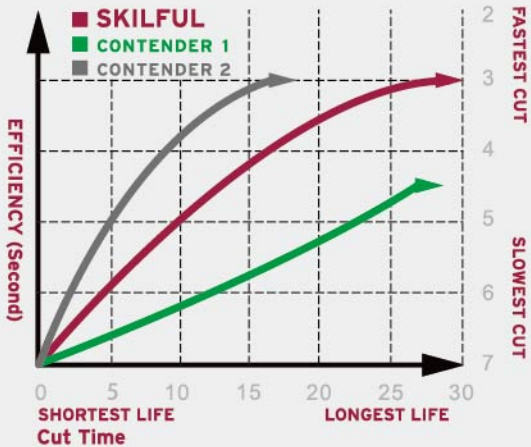
Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Large pipe

Usage Recommendation

- Q hardness level products, with excellent cutting performance and durability for most kinds of metals.
- Cutting wheels of thickness 1.0/1.6/1.9mm are suitable for fast and easy cutting. But with less burr.
- 2.5mm thickness is used for cutting common material.
- 3.2/3mm thickness disc is of long life and high profile stability.

Performance Analysis: Cutting Speed And Durability



- Only maintain the high cutting speed, smooth and steady cutting experience, can bring the passion. SKILFUL meet this point to enjoy the feeling just like cutting cheese.
- Practice shows that SKILFUL do the maximum cutting speed when cutting the 12mm thick stainless steel bar for 30 times.
- 0-30 are cutting times. Usually cut 12mm diameter stainless steel, measure the rest diameter, and judge the durability.
- 2-7 are the seconds of each cutting in general.

4" General Cutting Wheels For Metal 1.0mm



- Cutting wheels diameter is 105mm & 100mm, used on 4" Angle Grinder, and be welcomed by to the most of Asia users.
- Under the premise of ensuring the cutting speed, cutting wheels of diameter 105mm will increase the durability by 5%.
- Cutting wheels of 2mm thickness are widely used in various applications, which will increase the lateral strength to ensure the more secure applications.
- Smooth and flexible handle for cutting steel of various steel shapes

Product advantages

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Cost-effective

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

Materials

- Steel
- Tool steel
- High-tensile structural steel
- Mild steel

Comprehensive performance

<b>Durability:</b>	<b>Sharpness:</b>	<b>Hardness:</b>
5 6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
<b>Max speed:</b>	<b>Fiberglass</b>	
70M/S 80M/S		

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80411051	105x1.0x16	50	400	80m/s
P804110516	105x1.6x16	50	400	80m/s

4" Common Cutting Disc, Use For Steel 2,0/2,5mm



- Cutting wheels diameter is 105mm & 100mm, used on 4" Angle Grinder, and be welcomed by to the most of Asia users.
- Under the premise of ensuring the cutting speed, cutting wheels of diameter 105mm will increase the durability by 5%.
- Cutting wheels of 2mm thickness are widely used in various applications, which will increase the lateral strength to ensure the more secure applications.
- Smooth and flexible handle for cutting steel of various steel shapes

For Angle Grinder For METAL For 80M/S

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411002M	100x2,0x16	50	600	80m/s
S804110025M	100x2,5x16	50	600	80m/s
S80411052M	105x2,0x16	50	600	80m/s
S804110525M	105x2,5x16	50	600	80m/s

4" Common Cutting Disc, Use For Steel 2,0/2,5mm 70m/s



- Cutting wheels diameter is 105mm & 100mm, used on 4" Angle Grinder, and be welcomed by to the most of Asia users.
- 2,0/2,5mm thickness widely used for various cutting application. Increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.
- Smooth and flexible handle for cutting steel of various steel shapes

For Angle Grinder For METAL For 70M/S

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S70411002M	100x2,0x16	50	600	70m/s
S704110025M	100x2,5x16	50	600	70m/s
S70411052M	105x2,0x16	50	600	70m/s
S704110525M	105x2,5x16	50	600	70m/s

Fiberglass



### 4.5" 5" Super Thin Cutting Wheels,for Metal 1,0/1,6mm

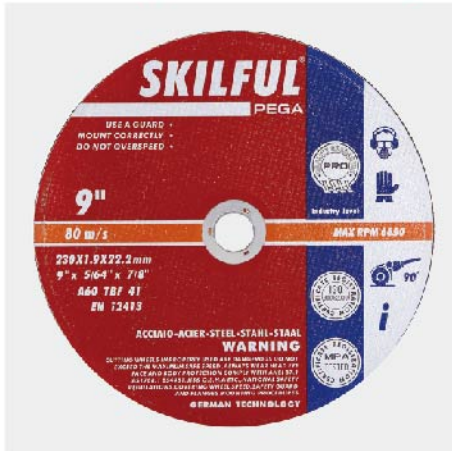


- Cutting wheels diameter is 115mm&125mm, used on 4.5" and 5" Angle Grinder. These two items are suitable for Europe, South America, Middle East and other areas.
- Wheels of 1mm thickness are able to quickly cut a variety of material and minimize friction and increase sharpness.
- The durability corresponding increase for the application of stainless steel as its sharp performance.
- Smooth and flexible handle for cutting steel with various steel shapes



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411151M	115x1,0x22,23	50	400	80m/s
S804111516M	115x1,6x22,23	50	400	80m/s
S80411151M	125x1,0x22,23	50	400	80m/s
S804112516M	125x1,6x22,23	—	200	80m/s

### 7" 9" Super Thin Cutting Wheels For Metal 1.6/1.9mm



- Cutting wheels diameter is 180mm&230mm, used on 7" and 9" Angle Grinder. These two items are suitable for Europe, South America, Middle East and other areas.
- Wheels of 1.6mm thickness are able to quickly cut a variety of material and minimize friction and increase sharpness.
- Cutting wheels of 1.9mm thickness are widely used in various applications, which will increase the lateral strength to ensure the more secure applications.
- Smooth and flexible handle for cutting steel of various steel shapes



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S804118016M	180x1,6x22,23	50	200	80m/s
S804123019M	230x1,9x22,23	30	120	80m/s

### 4.5"/5"7"9" Universal Cutting Wheels For Metal 3.0mm



- Cutting wheels diameter is 180mm&230mm, used on 7" and 9" Angle Grinder. These two items are suitable for Europe, South America, Middle East and other areas.
- Wheels of 1.6mm thickness are able to quickly cut a variety of material and minimize friction and increase sharpness.
- Cutting wheels of 1.9mm thickness are widely used in various applications, which will increase the lateral strength to ensure the more secure applications.
- Smooth and flexible handle for cutting steel of various steel shapes

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411153M	115x3,0x22,23	30	480	80m/s
S80411253M	125x3,0x22,23	25	200	80m/s
S80411803M	180x3,0x22,23	50	100	80m/s
S80421803M	180x3,0x22,23-T42	25	100	80m/s
S80412303M	230x3,0x22,23	30	90	80m/s
S80422303M	230x3,0x22,23-T42	25	75	80m/s



### Stainless Steel Series



- Minimize friction and increase sharpness to prevent the hot corrosion of stainless steel.
- fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- The durability corresponding increase as the sharp performance.
- Smooth and flexible handle for cutting steel of various steel shapes

#### Product advantages

- Fine Durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Cost-effective

#### Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates

#### Materials

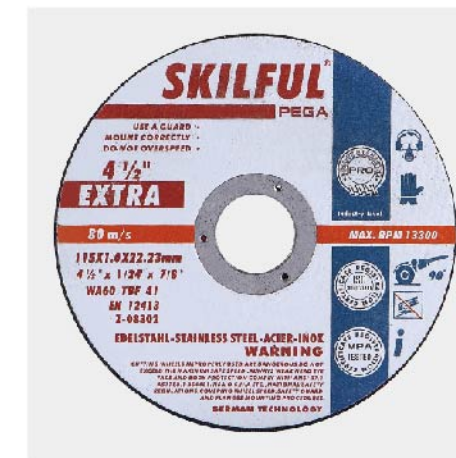
- Steel
- Tool steel
- High-tensile structural steel
- Mild steel
- Stainless Steel- acid-resistant steel

#### Comprehensive performance

<b>Durability:</b>	<b>Sharpness:</b>	<b>Hardness:</b>
5 6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
<b>Max speed:</b>	<b>Fiberglass</b>	
70M/S 80M/S		



### 4.5" 5" Super Thin Cutting Wheels For Stainless Steel 1,0/1,6/2,0mm.

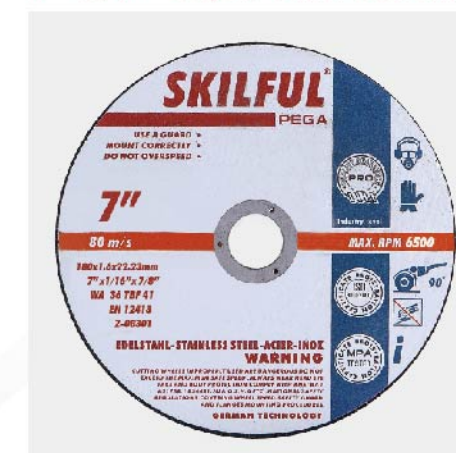


- Cutting wheels diameter is 115mm&125mm, used on 4.5" and 5" Angle Grinder. These two items are suitable for Europe, South America, Middle East and other areas.
- Minimize friction and increase sharpness to prevent the hot corrosion of stainless steel.
- The durability corresponding increase as the sharp performance.
- Smooth and flexible handle for cutting steel of various steel shapes

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411151SS	115x1,0x22,23	50	400	80m/s
S804111516SS	115x1,6x22,23	50	400	80m/s
S80411152SS	115x2,0x22,23	50	480	80m/s
S80411251SS	125x1,0x22,23	50	400	80m/s
S804112516SS	125x1,6x22,23	—	200	80m/s
S80411252SS	125x2,0x22,23	30	480	80m/s



### 7" & 9" Super Thin Cutting Wheels For Stainless Steel, 1,6/1,9mm



- Cutting wheels diameter is 180mm&230mm, used on 7" and 9" Angle Grinder. These two items are suitable for Europe, South America, Middle East and other areas.
- Wheels of 1.6mm thickness are able to quickly cut a variety of material and minimize friction and increase sharpness.
- Cutting wheels of 1.9mm thickness are widely in various application, which will increase the lateral strength to ensure the more secure applications.
- Smooth and flexible handle for cutting steel of various steel shapes
- The durability corresponding increase as the sharp performance.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S804118016SS	180x1,6x22,23	50	200	80m/s
S804123019SS	230x1,9x22,23	30	120	80m/s





4.5"/5"/7"/9" Universal Cutting Wheels, For Stainless Steel 3,0mm



- 4.5"/5"/7" universal cutting wheels are suited to Europe, South America, Middle East and other areas.
- Cutting wheels of 3.0mm thickness are widely in cutting various normal work-piece, which will increase the lateral strength to ensure the more secure applications.
- The durability corresponding increase as the sharp performance.
- Smooth and flexible handle for cutting steel of various steel shapes

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411153SS	115x3,0x22,23	30	480	80m/s
S80411253SS	125x3,0x22,23	25	200	80m/s
S80411803SS	180x3,0x22,23	50	100	80m/s
S80421803SS	180x3,0x22,23-T42	25	100	80m/s
S80412303SS	230x3,0x22,23	30	90	80m/s
S80422303SS	230x3,0x22,23-T42	25	75	80m/s

For 80M/S

For Angle Grinder

For Stainless Steel



4.5"/5"/7"/9" Super Thin Cutting Wheels For Aluminium 1,0/1,6/1,9mm



- Cutting for various section bars. No pollution and damage on work-piece surface after cutting.
- Prevent the products from clogging pores to cause slow cutting or unable to cut.
- Maximize the friction to improve sharpness, More cost saving than cutting by alloy blade
- Cutting wheels of thickness of 1.0/1.6mm are widely used with tiny dust when cutting.
- Smooth and flexible handle for cutting steel with various steel shapes

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411151A	115x1,0x22,23	50	400	80m/s
S804111516A	115x1,6x22,23	50	400	80m/s
S80411251A	125x1,0x22,23	50	400	80m/s
S804112516A	125x1,6x22,23	—	200	80m/s
S804118016A	180x1,6x22,23	50	200	80m/s
S804123019M	230x1,9x22,23	30	120	80m/s

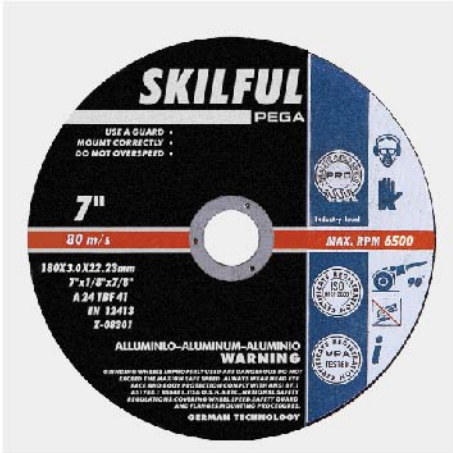
For Angle Grinder

For Aluminum

For 80M/S



4.5"/5"/7"/9" Universal cutting wheels for Aluminium 3,0mm



- 4.5"/5"/7"/9" universal cutting wheels are suited to Europe, South America, Middle East and other areas.
- Cutting wheels of 3.0mm thickness are widely in cutting various normal work- piece, which will increase the lateral strength to ensure the more secure applications.
- Cutting job is required for the case of ventilation to reduce dust accumulation.
- The durability corresponding increase as the sharp performance.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411153A	115x3,0x22,23	30	480	80m/s
S80411253A	125x3,0x22,23	25	200	80m/s
S80411803A	180x3,0x22,23	50	100	80m/s
S80421803A	180x3,0x22,23-T42	25	100	80m/s
S80412303A	230x3,0x22,23	30	90	80m/s
S80422303A	230x3,0x22,23-T42	25	75	80m/s

For Angle Grinder

For Aluminum

For 80M/S

Concrete & Stone Series



- Substitute products of diamond cutting wheels for concrete. Used for cutting various stone materials, No pollution and damage on work-piece surface after cutting.
- Feed pressure is increased to avoid potential safety hazard caused by fracture when cutting.
- Maximize the friction to improve sharpness, More cost saving than cutting by alloy blade
- Cutting wheels of thickness of 1.6mm are widely used with tiny dust when cutting.
- Smooth and flexible handle for cutting steel with various steel shapes

Product advantages

- Fine Durability
- Tiny Dust
- Glossy cutting surface
- No clogging
- Economic

Application

- Cutting Floor
- Solid Material
- Decoration

Materials

- Marble
- Bricks
- Ground
- Tile
- Bronze, Brass
- Titan

Comprehensive performance

Durability:

5 6 7 8 9 10

Sharpness:

5 6 7 8 9 10

Hardness:

5 6 7 8 9 10

Max speed:

70M/S 80M/S

Fiberglass

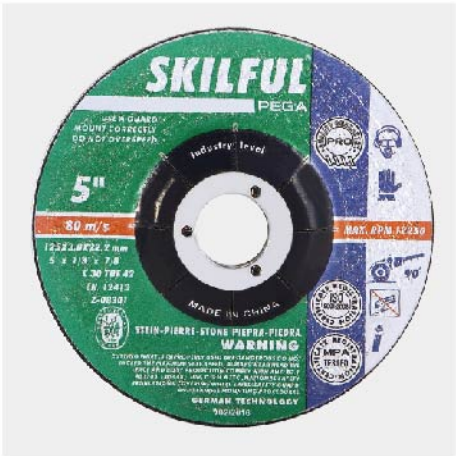
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4.5"/5" Cutting Wheels For Concrete 3.0mm



- Substitute products of diamond cutting wheels for concrete. Used for cutting various stone materials, No pollution and damage on work-piece surface after cutting.
- Feed pressure is increased to avoid potential safety hazard caused by fracture when cutting.
- Maximize the friction to improve sharpness, More cost saving than cutting by alloy blade
- Cutting wheels of thickness of 1.6mm are widely used with tiny dust when cutting.
- Smooth and flexible handle for cutting steel with various steel shapes



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80421003C	100x3x16-T42	20	400	80m/s
S80421153C	115x3x22.23-T42	25	200	80m/s
S80421253C	125x3x22.23-T42	40	240	80m/s

5" 7" 9" Cutting Wheels For Stone & Concrete 3.0mm



- Cutting for various section bars. No pollution and damage on work-piece surface after cutting.
- Prevent the products from clogging pores to cause slow cutting or unable to cut.
- Maximize the friction to improve sharpness, More cost saving than cutting by alloy blade
- Cutting wheels of thickness of 1.0/1.6mm are widely used with tiny dust when cutting.
- Smooth and flexible handle for cutting steel with various steel shapes

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411153S	115x3,0x22,23	30	480	80m/s
S80411253S	125x3,0x22,23	25	200	80m/s
S80411803S	180x3,0x22,23	50	100	80m/s
S80421803S	180x3,0x22,23-T42	25	100	80m/s
S80412303S	230x3,0x22,23	30	90	80m/s
S80422303S	230x3,0x22,23-T42	25	75	80m/s



Cast Iron Series



- CAST IRON SPECIAL is used for cutting casting head which is not exceeding 1/3 of cutting wheels diameter, No need to repair as the smooth surface after cutting.
- Feed pressure is increased to avoid potential safety hazard caused by fracture when cutting.
- Maximize the friction to improve sharpness, More cost saving than chemical cutting
- Cutting wheels of 3.0mm thickness are widely in various cutting jobs which will increase the lateral strength to ensure the more secure applications.
- According to ergonomics, 3,0 mm cutting wheels reduce the jitter and maintain the superior balance for application.
- Depressed cutting wheels (Type 42), increase the slight grinding function, which can help users to clean up the burr after cutting.
- Smooth and flexible handle for cutting steel with various steel shapes

Product advantages

- High-speed cutting
- High break-resistance
- Comfortable cutting handle
- Superior wheel balance

Application

- Solid pipe
- Various Pipeline
- Casting head

Materials

- Graphitizationcast iron
- Ductile iron
- Malleable cast iron
- Grey cast iron
- Non-ferrous metals
- Stone

Comprehensive performance

Durability:

5 6 7 8 9 10

Sharpness:

5 6 7 8 9 10

Hardness:

5 6 7 8 9 10

Max speed:

80M/S

Fiberglass

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EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80411153C	115x3,0x22,23	30	480	80m/s
S80411253C	125x3,0x22,23	25	200	80m/s
S80411803C	180x3,0x22,23	50	100	80m/s
S80421803C	180x3,0x22,23-T42	25	100	80m/s
S80412303C	230x3,0x22,23	30	90	80m/s
S80422303C	230x3,0x22,23-T42	25	75	80m/s





PEGASTAR Series  
4" 4 In 1 Super Thin Cutting Wheels For Stainless Steel,cast Iron,aluminium,steel



new!

- 4 in 1 Cutting stainless steel,cast iron,aluminum,steel &Cost-effective
- fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- The durability corresponding increase as the sharp performance.
- Smooth and flexible handle for cutting steel of various steel shapes
- Cutting wheels diameter is 105mm & 100mm, used on 4" Angle Grinder, and be welcomed by to the most of Asia users.

Product Advantages

- Superior Durability
- Ultrahigh cutting speed
- High break-resistance
- Comfortable cutting experience
- Cost-effective

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Large pipe

4 IN 1

- Steel ,Mild steel
- Cast iron
- Aluminium
- Stainless Steel,acid-resistant steel

Comprehensive performance

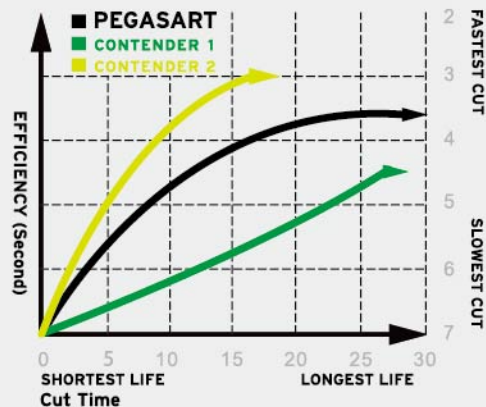
Durability: 5 6 7 8 9 10 Sharpness: 5 6 7 8 9 10 Hardness: 5 6 7 8 9 10

Max speed: 70M/S 80M/S  
Fiberglass

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
PSR8041105	115x1,0x22,23	50	400	80m/s



Performance Analysis: Cutting Speed And Durability



- 0-30 are cutting times. Usually cut 12mm diameter stainless steel, measure the rest diameter, and judge the durability.
- 2-7 are the seconds of each cutting in general.
- Has perfect abrasive performance and extra durability on application of steel, obvious advantage among the competition of various brands.



FIVE STAR KNIGHT Series  
Classics Cutting Wheels & Gringing Wheels



- Classics Five Star Knight Cutting wheels & Grinding wheels for Europe market,
- fastly cutting different material, minimize friction, increase sharpness, and prevent stainless steel hot corrosion.
- The durability corresponding increase as the sharp performance.
- Smooth and flexible handle for cutting steel of various steel shapes
- Minimize friction and increase sharpness to prevent the hot corrosion of stainless steel.

Product Advantages

- Fine Durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- Cost-effective

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Large pipe

Usage Recommendation

- Q hardness level products, with excellent cutting performance and durability for most kinds of metals.
- Cutting wheels of thickness 1.0/1.6/1.9mm are suitable for fast and easy cutting. But with less durr.
- Cutting wheels of thickness 2.5mm are suitable for cutting normal materials.
- 3.2/3mm thickness disc is of long life and high profile stability.

Comprehensive performance

Durability: 5 6 7 8 9 10 Sharpness: 5 6 7 8 9 10 Hardness: 5 6 7 8 9 10

Max speed: 70M/S 80M/S  
Fiberglass







CUTTING DISC USED FOR FIXED MACHINERY



# Cutting Disc Used For Fixed Machinery

Cutting technology, technical information



# Cutting Disc Used For Fixed Machinery

Cutting technology, technical information

Pegatec Cutting Disc Used For Fixed Machinery Is High Performance Series, And Skilful Is Universal Series.

Content		
<div><div></div> Cutting technology</div> <div><div></div> Technical information</div>		
Driving tools	Content	
< 3KW	PEGATEC 14" SKILFUL 14"	CHOP SAW Used for cutting solid material, profile, pipe material
3-5KW	PEGATEC 16" 14"	STATIONARY MACHINES Used for cutting big solid material, profile, and pipe material.
> 5KW	PEGATEC 16" 14"	DESKTOP FIXED CUTTING MACHINE

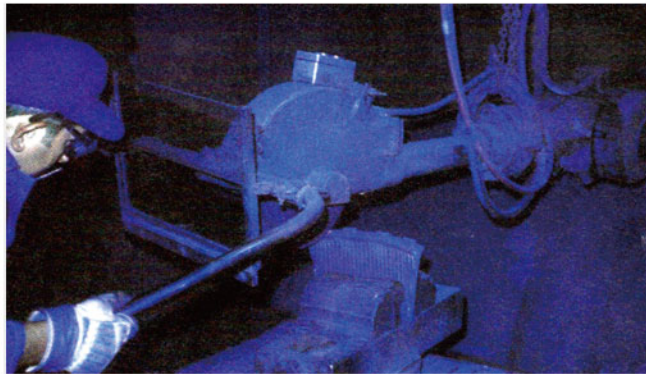
## Cutting Technology

We mainly divide 4 cutting technology. Each cutting technology can meet special application requirement.

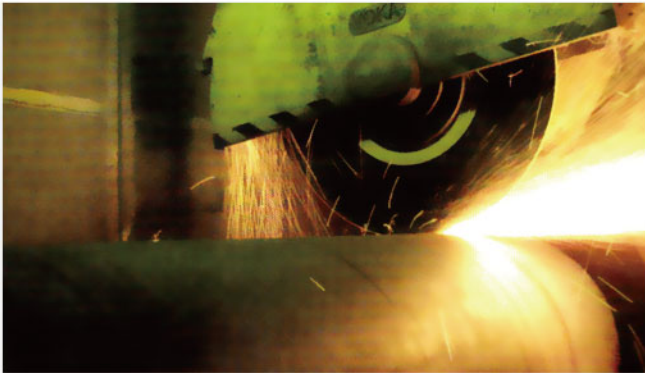
### Intermittent Cutting



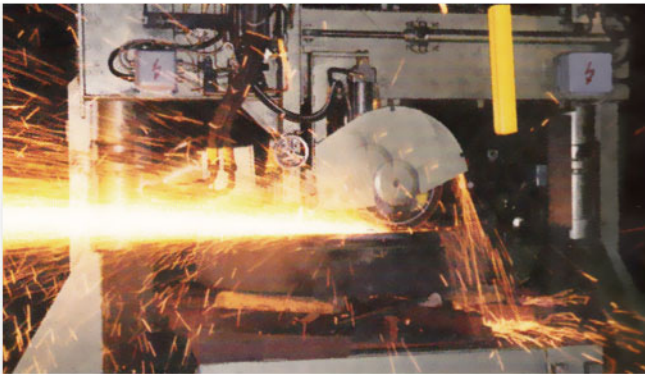
### Swing Cutting



### Horizontal Cutting



### Rotating Cutting



## Correct Usage Of Cutting Discs

The requirement of reaching the best cutting effect is to install products correctly which is also crucial for safety. The close pictures show the aspects should be paid attention to.

A	Output Shaft
B	Flange
C	Cutting Disc

Attention:  
Clean the dirt on clamping surface of flange before installing, staring the balance after tightening, start machine and idle for 30 seconds after install to check the safety. Banning the use different sizes flanges, must examine equipment regularly , clean flanges contact surface.

## MAX Running Speed

Max Speed	Color Bar	Area Using
70 M/S		Asia Market
80 M/S		Europe,America,Africa, South America
100 M/S		Pneumatic Tool Market

## Advantage Of Cutting Discs Used For Fixed Cutting Machine.

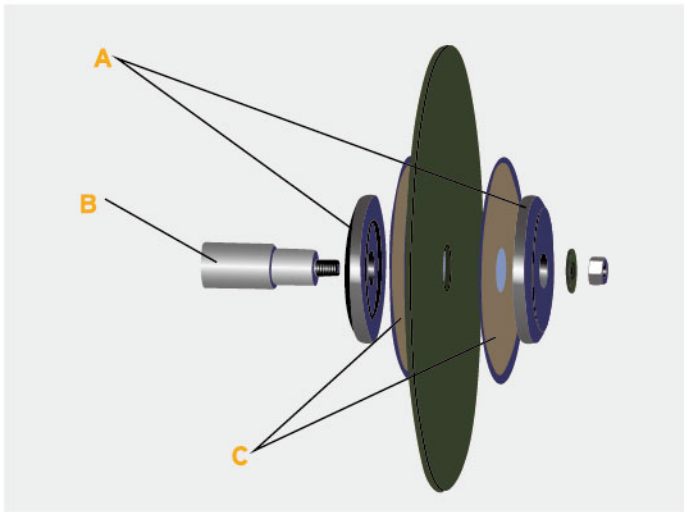
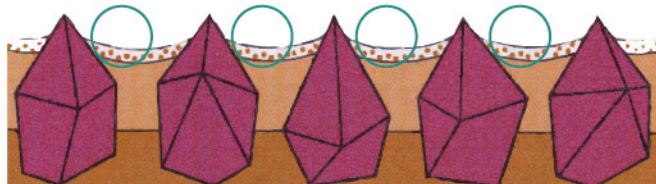
- Suit to cut steel product, cast iron products, nonferrous metals and special alloy products.
- Because cool cutting can get smooth and bright surface, so no need to remove burrs.
- High cutting efficiency. Only take 15 seconds in cutting 100mm Steel material.
- Keep durability on the premise of keeping each grain sharp.
- Reduce the heat load of work-piece.
- Reduce the cutting cost.
- Low cutting noise compare with other cutting technology, 90-100 decibel.
- Flexible and convenient cutting of steel products, no need by means of flame cutting and saw machine cutting.

## Storage of cutting discs

Cutting disc for fixed cutting constitutes by three parts.

1	Abrasives(include bonder, active filler )
2	Fiberglass net(safety net)
3	Label (data label)

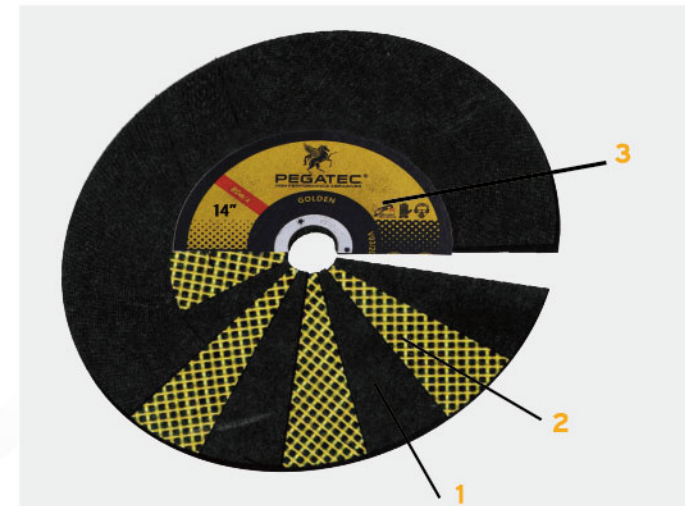
A Lot Of Air Hole On Each Abrasive Products And Rough Surface Can Assist To Clean Iron Filings.



In order to meet the standard of EN12413,The Max running speed is showed on products' label and package with different Color bars.

## Storage of cutting discs

Storage of cutting discs affect the product performance directly. Cutting discs should be level to the ground and put at the same level. Stack up no more than 10 cases of 25pcs/case packing to avoid bending, keep 45-60 degree humidity.







Hardness Grade (Abrasive Disc Attribute)

Series	Hardness grade	Max. speed	Attribute	Material	Market and advantage
TOP PEGATEC	T	80M/S	Hard	Steel	Europe , South-America, Middle-east
TOP PEGATEC	T	70M/S	Medium hard	Steel,Cast iron	Asia, Middle-east Less burr on surface after cutting
PRO SKILFUL	Q	80M/S	Medium hard	Steel,Cast iron	Asia, Middle-east
PRO SKILFUL	Q	70M/S	Medium hard	Steel,Cast iron	Asia, Middle-east Less burr on surface after cutting

Suitable Driving Tools

Series	Hardness grade	Max. speed	Machine Power
TOP PEGATEC	T	80M/S	< 3-5KW
TOP PEGATEC	T	70M/S	< 3KW
PRO SKILFUL	Q	80M/S	< 3-5KW
PRO SKILFUL	Q	70M/S	< 3KW



Pegatec Suggestion And Service

PEGATEC obtains a lot of experience on cutting application and usage for different work-pieces. We can offer expert suggestion once you meet any question in cutting.

PEGATEC Works To The Overall Performance Not Only To Win One Feature To The Extent



In the industrial complex cutting applications, PEGATEC has a set of corresponding special series for steel, stainless less, aluminum,concrete, cast iron. It has outstanding sharpness and extra durability in each application. That is one of reasons why PEGATEC welcomed by users from different countries.

Product Advantages

- Superior Durability
- Ultrahigh cutting speed
- High break-resistance
- Comfortable cutting experience
- Economic
- No burrs

Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Big -pipe

Usage Recommendation

- The products with T hardness are used for cutting most solid steel material, has excellent abrasive performance and extra durability.
- 2.8mm thickness is used for cutting common material.
- 3.2/3mm thickness disc is of long life and high profile stability.

Comprehensive performance

<b>Durability:</b>	<b>Sharpness:</b>	<b>Hardness:</b>
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
<b>Max speed:</b>	<b>Fiberglass</b>	
70M/S 80M/S		



14" Chop Saw Cutting Disc For Metal 3,0mm 80m/s



- Used for 14" chop saw, 355mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness.
- Various cutting applications, increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80413003M	300x3,0x25,4	5	25	80m/s
P80413553M	355x3,0x25,4	5	25	80m/s



# Cutting Disc Used For Fixed Machinery

PEGATEC Series



## 14" Chop Saw Cutting Disc For Metal 70m/s



- Used for 14" chop saw, 355mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness, reduce the burrs after cutting.
- Various cutting applications, increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70413003M	300x3,0x25,4	5	25	70m/s
P70413553M	355x3,0x25,4	5	25	70m/s

## 16" Stationary Machines Cutting Disc For Metal 3,0mm 80m/s



- Used for fixed cutting machine, 400mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness, reduce the burrs after cutting.
- Various cutting applications, increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80414003M	400x3,0x25,4	5	25	80m/s
P80414053M	405x3,2x25,4	5	25	80m/s



# Cutting Disc Used For Fixed Machinery

PEGATEC Series

## 16" Stationary Machines Cutting Disc For Metal 3,0mm 70m/s



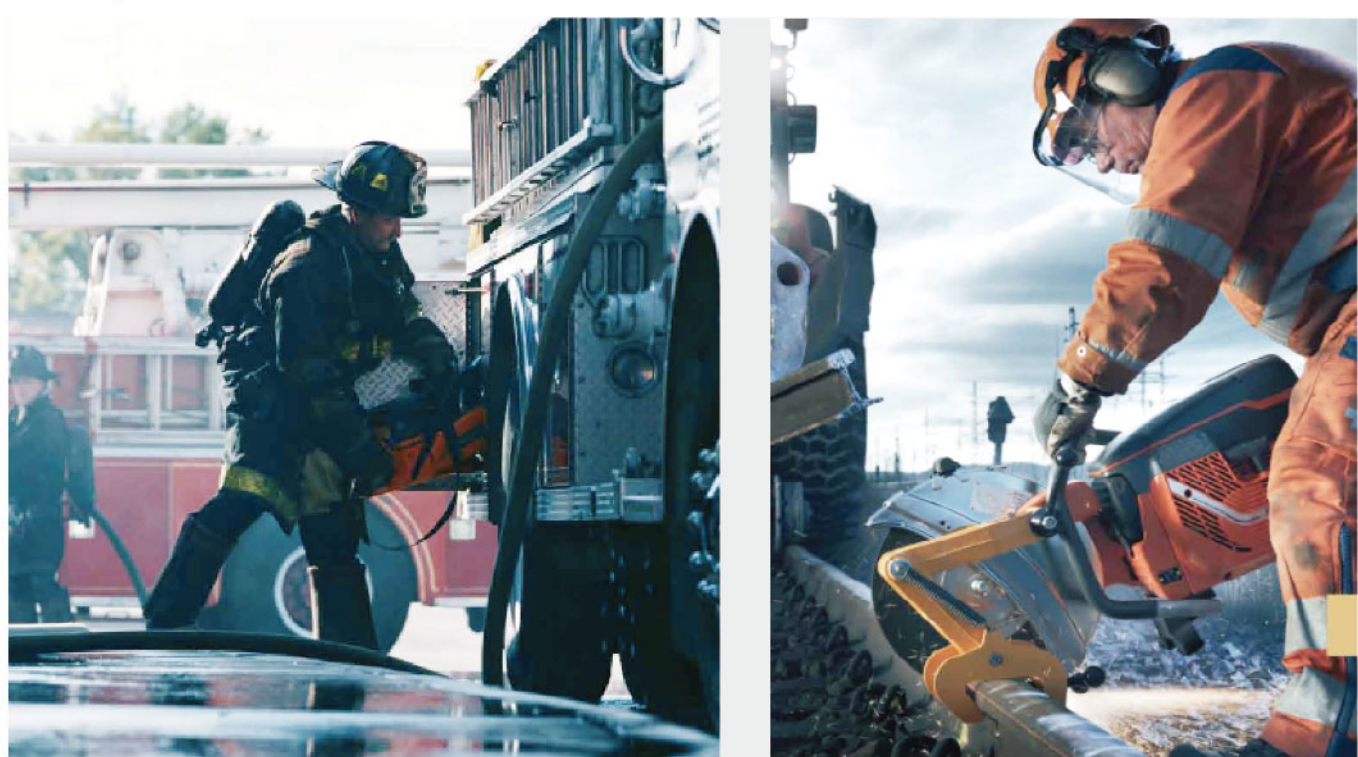
- Used for 16" chop saw, 400mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness, reduce the burrs after cutting.
- Various cutting applications, increase side strength to ensure safer application.
- Has perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70414003M	400x3,0x25,4	5	25	70m/s
P70414053M	405x3,0x25,4	5	25	70m/s

## Cutting Disc Used For Petrol-driven Machine 80m/s



- Used for petrol-driven machine, 355mm diameter, 4.0 mm thickness, offer users more durability, suitable for special application, as disaster relief and so on.
- Maximize the friction and sharpness.
- Various cutting applications, increase side strength to ensure safer application.
- Perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80413003M	300x4,0x25,4	5	25	80m/s
P80413553M	355x4,0x25,4	5	25	80m/s



# Cutting Disc Used For Fixed Machinery

SKILFUL Series



## SKILFUL

Is Very Strong Fast And Efficient. This Is Not The Only Reason for You To Release Your Tool



Efficiently & fastly cutting and grinding seem very important when worker strive for time efficiency. Comfortable hand feeling brings workers pleasant sensation. SKILFUL is such a superior quality series which you pick up and be unwilling to put.

### Product Advantages

- Superior durability
- Extra high cutting speed
- High break-resistance
- Comfortable hand feeling of cutting
- Cost effective

### Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Big -pipe

### Usage Recommendation

- The products with Q hardness are used for cutting most solid steel material, has excellent cutting performance and outstanding durability.
- 2.8mm thickness is used for cutting common material.
- 3.2/3mm thickness disc is of long life and high profile stability.

### Comprehensive performance

<b>Durability:</b>	<b>Sharpness:</b>	<b>Hardness:</b>
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
<b>Max speed:</b>	<b>Fiberglass</b>	
70M/S 80M/S		



## 14" Chop Saw Cutting Disc 3,0mm



- Used for 14" chop saw, 355mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Various cutting applications, increase side strength to ensure safer application.
- Maximize the friction and sharpness.
- Perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80413003M	300x3,0x25,4	5	25	80m/s
P80413553M	355x3,0x25,4	5	25	80m/s



# Cutting Disc Used For Fixed Machinery

SKILFUL Series

## 14" Chop Saw Cutting Disc 70m/s



- Used for 14" chop saw, 355mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness.
- Various cutting applications, increase side strength to ensure safer application.
- Perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70413003M	300x3,0x25,4	5	25	70m/s
P70413553M	355x3,0x25,4	5	25	70m/s

## 16" Stationary Machines Cutting Disc For Metal 3,0mm



- Used for 16" chop saw, 400mm diameter, 3.0mm thickness, offer users more durability, suitable for most high requirement customers.
- Maximize the friction and sharpness.
- Various cutting applications, increase side strength to ensure safer application.
- Perfect abrasive performance and extra durability on application of steel.



Plays excellent cutting performance on the machine with maximum output power

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80413003M	300x3,0x25,4	5	25	80m/s
P80413553M	355x3,0x25,4	5	25	80m/s





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GRINDING & FLAP WHEELS





There are various kinds and brands of applications in modern industry processing. Pegatec offers users three high strength abrasive discs. Each gains the market qualification for many years and recognized by users in different processing and application.

PEGATEC grinding wheel can meet the newest processing requirement, help customer offering outstanding grinding ability, and offer high cost effectiveness. Grinding products of PEGATEC provides strict quality standard, reduce the vibration during the using, lower the health risk for the users.

Application types

Find your products according to application and material

1 Material	Steel, Cast Steel	INOX	Rust, Cast Iron	Cast Iron, Stone	Aluminum, Nonferrous metals
2 Appliance	Page	Page	Page	Page	Page
Surface Grinding	69-72 75-76	69 & 72 & 76	69 & 72 & 76	69 & 73-74	69 & 73
Welding Cleaning	69-72 75-76	69 & 72 & 76	69 & 72 & 76	69 & 73-74	69 & 73
Chamfer	69-72 75-76	69 & 72 & 76	69 & 72 & 76	69 & 73-74	69 & 73
De-burring	69-72 75-76	69 & 72 & 76	69 & 72 & 76	69 & 73-74	69 & 73
Corner Welding	69-72 75-76	69 & 72 & 76	69 & 72 & 76	69 & 73-74	69 & 73

Content	
PEGATEC	High Performance
SKILFUL	Universality
ELIMINATOR	<div><div></div> Multi-function</div> <div><div></div> 2 in 1 Cutting&amp;grinding</div> <div><div></div> All In One Cutting And Grinding All Material.</div>



GRINDING & FLAP WHEELS



# Grinding Wheel

ELIMINATOR 2 IN 1 Grinding & Cutting Disc



ELIMINATOR of PEGATEC applies the newest developed technology.

ELIMINATOR

CUTTING GRINDING 2 IN 1

new!

UNIQUE

2 IN 1 PRODUCT PEGATEC WILL BRING YOU UNPRECEDENTED EXPERIENCE OF USING

It represents the designing concept of advanced products: high efficiency of combining cutting and grinding, be used for different material, as steel, stainless steel, stone, and polyethylene.



### Product Advantages

- Long lifetime
- Efficient High stock removal
- Comfortable cutting behavior
- Multiple Duct System
- 2 IN 1

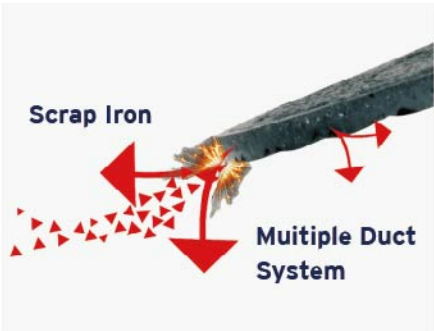
### Application

- Material of Thin-walled tube
- Various section bars
- Material of Solid Pipe
- Various Plates
- Welds grinding
- Chamfer
- Surface grinding
- De-burring

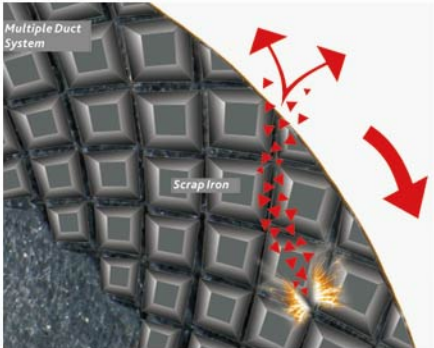
### All In One

- Hardened steels
- High-alloyed steels
- Structural steels
- Tool steels
- Stone
- PVA
- Stainless steel

## How does ELIMINATOR of PEGATEC perform cutting and grinding in one?



There are many rhombic grain of different size with same shape on the surface of ELIMINATOR of PEGATEC. Each rhombic grain gather the new developed durable material. During use, the machine drives the disc to polishing at the speed of 11000 RPM (depend on the machine's max speed and power). At this time, the sharp edge of 36 pieces rhombic grain on each round faces to the work-piece and conduct grinding. This special physical structure gets rid of the concave-convex on the surface of work-piece smoothly via continuous grinding.

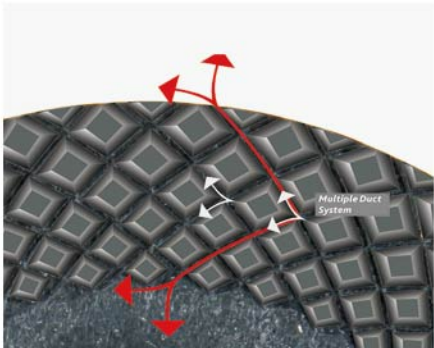


ELIMINATOR of PEGATEC decreases 0.2mm thickness based on the standard thickness-3MM. The thickness is only 2.8MM. There are rhombic grains of different size with same shape on the surface of ELIMINATOR, the thickness of grain is only 0.1mm which cover on the base firmly. By 90° angle of cutting, frictional force generated from 36 rhombic grains cut off the work-piece quickly. Effectively cutting brings high efficiency work.



# Grinding Wheel

ELIMINATOR 2 IN 1 Grinding & Cutting Disc



In addition to the good heat dissipation performance owned to the special physical structure of ELIMINATOR, the powerful wind generated from the high speed running of turbine shape also reject the heat quickly which shows obviously when grinding the stainless steel. Doing both of heat dissipation designing prevents secondary contamination to the workpiece. Multiple Duct System takes away the scrap iron. When use the normal abrasive discs, there are grains flying off the safety guard. However, most of the scrap iron is taken away via Multiple Duct System which ensure the safety.



Hardened steels, High-alloyed steels, Structural steels, Tool steels, Tool steels, Stone, PVA, Stainless steel, Cast iron, Aluminum, Aluminium alloy

### Comprehensive performance

<b>Durability:</b>	<b>Sharpness:</b>	<b>Hardness:</b>
5 6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
<b>Max speed:</b>	<b>Fiberglass</b>	
70M/S 80M/S		

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
SPC804211528	115x2,8x22,23	50	400	80m/s
SPC804218028	180x2,8x22,23	50	400	80m/s

PEGATEC develops the LOCK-GO quick install buckle. It takes only 6 seconds to install and demount. The LOCK-GO will bring you infinite working enjoyment.





# Grinding Wheel

PEGATEC Series



## PEGATEC GRINDING



- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Various grinding applications, increase side strength to ensure safer application.

### Product advantages

- Extra durability
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- No burrs

### Application

- Welds grinding
- Chamfer
- Surface grinding
- Repair sealing weld
- De-burring

### Materials

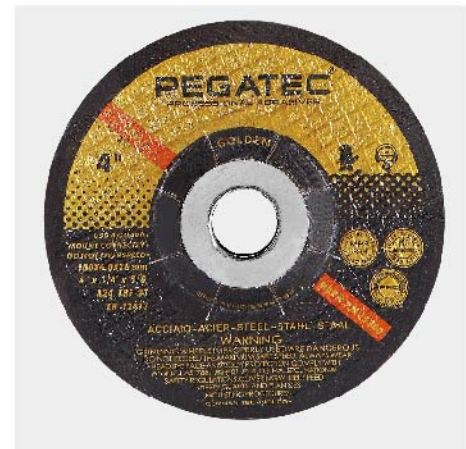
- Steel
- Tool steel
- High-tensile structural steel
- Mild steel
- Cast iron

### Comprehensive performance

Durability:	Sharpness:	Hardness:
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		



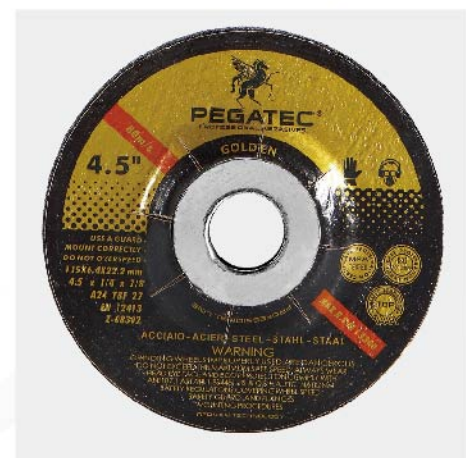
## 4" Grinding Wheel For Steel 70M/S



- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Perfect abrasive performance and extra durability on application of steel.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70271006M	100x6,0x16	25	200	70m/s
P70271004M	100x4,0x16	25	300	70m/s
P70271256M	125x6,0x22,23	25	100	70m/s
P70271806M	180x6,0x22,23	25	50	70m/s

## 4" 4,5" 5" Grinding Wheel For Steel 80m/s



- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Perfect abrasive performance and extra durability on application of steel.

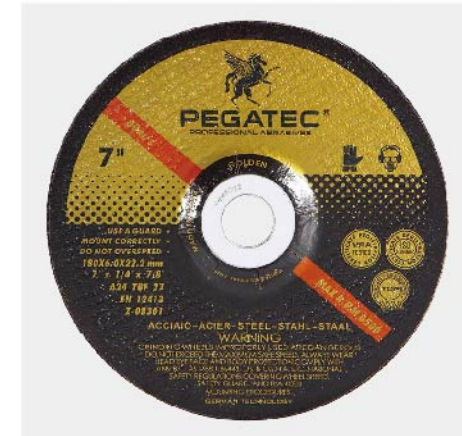
EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80271006M	100x6,0x16	25	200	80m/s
P80271004M	100x4,0x16	25	300	80m/s
P80271156M	115x6,0x22,23	25	100	80m/s
P80271256M	125x6,0x22,23	25	100	80m/s



# Grinding Wheel

PEGATEC Series

## 7" 9" Grinding Wheel For Steel



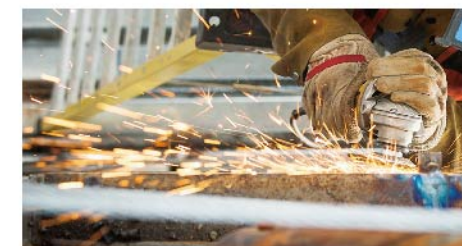
- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Perfect abrasive performance and extra durability on application of steel.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80271506M	150x6,0x22,23	25	100	80m/s
P80271806M	180x6,0x22,23	25	50	80m/s
P80272306M	230x6,0x22,23	20	40	80m/s

## Grinding Wheel For Stainless Steel



- Used for 4.5" 5" 7" 9" angle machine, suitable for Middle-east, Europe, South-America market.
- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Stainless steel grinding disc provides a high burr removal capability and a maximum performance with long life for stainless steel materials; hardened steel and soft steel grades. It doesn't contain iron, so that it doesn't create the effect of corrosion on stainless steel surfaces.
- It's especially convenient for stainless steel sheets, stainless steel plates, general types of construction steels, soft steels, hardened steels, rail steels. It's used for surface grinding, corner grinding, rust cleaning and in processes like burring after iron foundry operations and surface grinding of iron rails.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80271006SS	100x6,0x16	25	200	80m/s
P80271004SS	100x4,0x16	25	300	80m/s
P80271156SS	115x6,0x22,23	25	100	80m/s
P80271256SS	125x6,0x22,23	25	100	80m/s
P80271806SS	180x6,0x22,23	25	50	80m/s
P80272306SS	230x6,0x22,23	20	40	80m/s

## Grinding Wheel For Cast Iron



- Used for medium/ high power angle machines, display the best performance on strong high frequency electric Angle grinder
- Used for foundry, graphite iron, aluminium alloy
- Foundry grinding disc provides a high burr removal capability and a maximum performance with long life for ductile, cast iron, gray iron casting, welding burrs, steel rail beams and general types of ironsteel. In particular, the usage in "High Frequency" engines is recommended.
- It's convenient for ductile and all types of materials which are produced by cast iron, such as gray iron castings. It's used for grinding, burr removing and surface cleaning of those materials. It's also used on processes such as surface grinding, rust removal, welding burrs, grinding of corners for general types of iron and steel, soft steels, hardened steels and rail steels.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80271156SS	115x6,0x22,23	25	100	80m/s
P80271806SS	180x6,0x22,23	25	50	80m/s
P80272306SS	230x6,0x22,23	20	40	80m/s



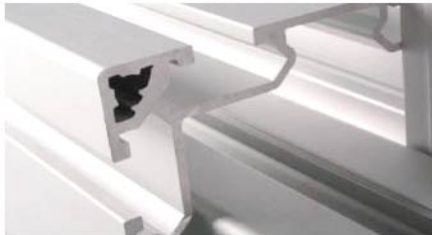
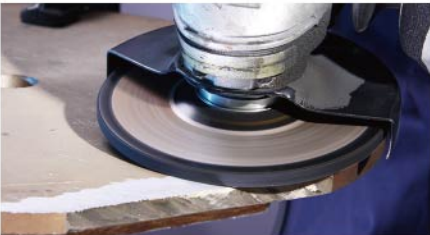


# Grinding Wheel

PEGATEC Series



## Grinding Wheel For Aluminium



- No impurity after grinding, no need further processing, can weld immediately after grinding.
- Aluminum grinding disc provides a fast grinding and a maximum performance with long life for especially aluminum, copper, zinc, bronze and brass alloys as well as the metal bearing and all types of non-ferrous metals such as titanium.
- It's convenient for aluminum, copper, zinc, bronze and brass alloys. It can be used on the metal bearing and non-ferrous metals such as titanium. It's also used on processes like surface grinding, cleaning and corners grinding.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P80271156A	115x6,0x22,23	25	100	80m/s
P80271806A	180x6,0x22,23	25	50	80m/s
P80272306A	230x6,0x22,23	20	40	80m/s

## 4" 4.5" Super Flexible Grinding Wheel For Stainless Steel, 3,0mm



- Used for low grinding working, excellent abrasive performance, high stability in grinding pipe.
- No impurity after grinding, no need further processing, can weld immediately after grinding.
- For steel, stainless steel, non-ferrous metal.
- Various grinding applications, increase side strength to ensure safer application.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70421023SF	102x3,0x16	20	400	70m/s
P70421153SF	115x3,0x22,23	25	200	70m/s

## 4" 4.5" Super Flexible Grinding Wheel For Stone & Glass, 3,0mm



- Used for low grinding working, excellent abrasive performance, high stability in grinding pipe.
- No impurity after grinding, no need further processing, can weld immediately after grinding.
- For stone, glass, fiber glass
- Various grinding applications, increase side strength to ensure safer application.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
P70421023GC	102x3,0x16	20	400	70m/s
P70421153GC	115x3,0x22,23	25	200	70m/s



# Grinding Wheel

PEGATEC Series

## Cup Wheel General Purpose-for Metal

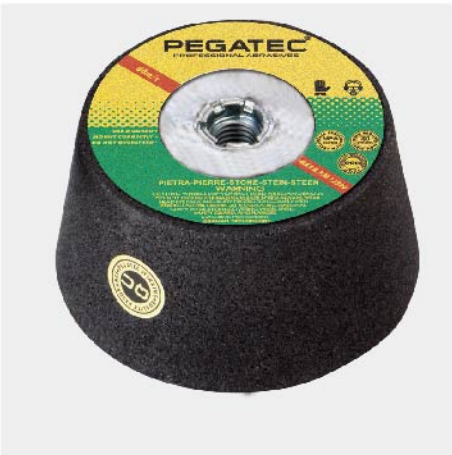


FOR METAL:  
Surface grinding within the entire metal working range. They are used for dry grinding use only. Different grits provide for every possible type of surface required. Stone: Surface grinding within the entire metal working range. They are used for dry grinding use only. Different grits provide for every possible type of surface required.

- Aluminum oxide grain



## Cup Wheel General Purpose-for Stone



FOR STONE:  
Surface grinding within the entire metal working range. They are used for dry grinding use only. Different grits provide for every possible type of surface required.

- Silicon carbide grain
- In inclined position also for weld seams
- Highest degree of material removal and long service life
- Only use with vertically adjustable protective cover

Size		Grades Available	PCS/BOX	PCS/CTN	M/S
Dia	Material				
3" 76mm	Green Silicon Carbide	16#, 24#	50	400	80m/s
4" 100mm	Aluminum Oxide	36#, 40#	50	400	80m/s
4.5" 110mm	Zirconia Aluminium	60#, 80#	50	400	80m/s
5" 125mm		120#			
6" 150mm					

- The maximum operation speed is 50m/s, pay attention to the speed of angle machine.



# Grinding Wheel

SKILFUL Series



## SKILFUL GRINDING DISC



- Used for medium/ high power angle machines, display the best performance.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Have the excellent abrasive performance and extra working life in application of

### Product advantages

- Sharp
- High-speed cutting
- High break-resistance
- Comfortable cutting experience
- No burrs

### Application

- Welds grinding
- Chamfer
- Surface grinding
- Repair sealing weld
- De-burring

### Materials

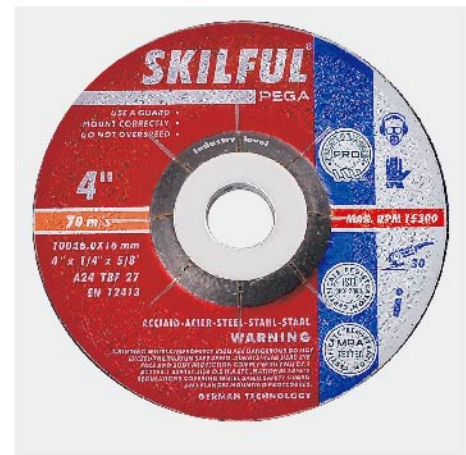
- Steel
- Tool steel
- High-tensile structural steel
- Mild steel
- Cast iron

### Comprehensive performance

Durability:	Sharpness:	Hardness:
6 7 8 9 10	5 6 7 8 9 10	5 6 7 8 9 10
Max speed:	Fiberglass	
70M/S 80M/S		



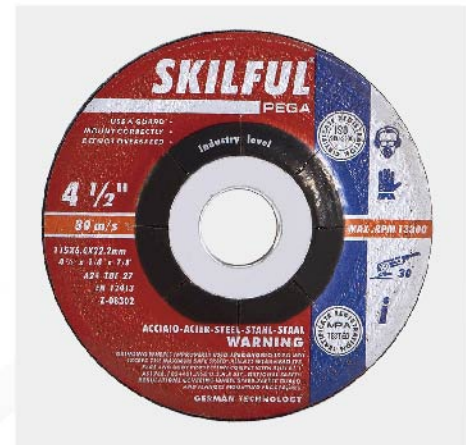
## 4" Grinding Wheel For Steel 70M/S



- Used for medium power angle machines, reach the excellent grinding performance even under the condition of low contact pressure.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Grinding general mild steel for maximum durability

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S70271006M	100x6,0x16	25	200	70m/s
S70271004M	100x4,0x16	25	300	70m/s
S70271256M	125x6,0x22,23	25	100	70m/s
S70271806M	180x6,0x22,23	25	50	70m/s

## 4" 4,5" 5" Grinding Wheel For Steel 80m/s



- Used for medium power angle machines, reach the excellent grinding performance even under the condition of low contact pressure.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Grinding general mild steel for maximum durability

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80271006M	100x6,0x16	25	200	80m/s
S80271004M	100x4,0x16	25	300	80m/s
S80271156M	115x6,0x22,23	25	100	80m/s
S80271256M	125x6,0x22,23	25	100	80m/s



# Grinding Wheel

SKILFUL Series

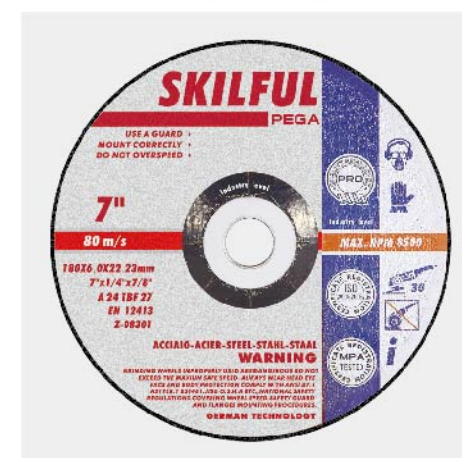
## 7" 9"Grinding Wheel For Steel



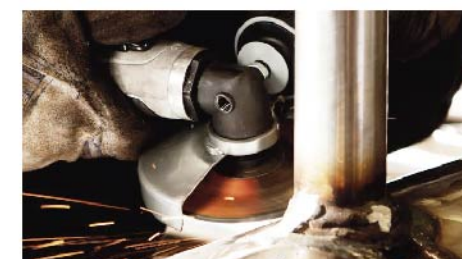
- Used for medium/high power angle machines, reach the excellent grinding performance even under the condition of low contact pressure.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Metal grinding disc provides a high burr removal capability of the general types of iron and steel to give maximum performance and long life.
- Metal grinding especially profile plates, rebar and steel structures, such as iron and steels. It's generally used in surface grinding, rust removal, welding burrs also in processes like grinding of corners and burring after iron foundry operations.
- Perfect abrasive performance and extra durability on application of steel.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80271506M	150x6,0x22,23	25	100	80m/s
S80271806M	180x6,0x22,23	25	50	80m/s
S80272306M	230x6,0x22,23	20	40	80m/s

## Grinding Wheel For Stainless Steel

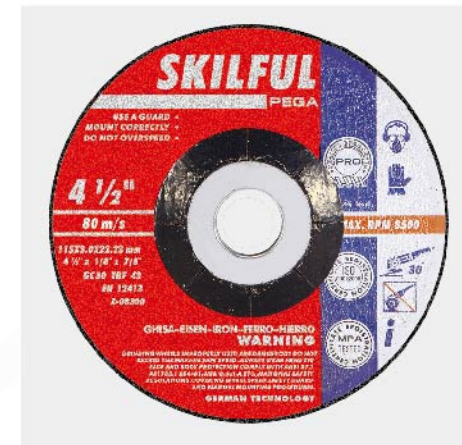


- Used for 4.5" 5" 7" 9" angle machine, suitable for Middle-east, Europe, South-America market.
- Used for medium/high power angle machines, reach the excellent grinding performance even under the condition of low contact pressure.
- Used for high stress working, excellent abrasive performance, high stability in grinding pipe.
- Stainless steel grinding disc provides a high burr removal capability and a maximum performance with long life for stainless steel materials; hardened steel and soft steel grades. It doesn't contain iron, so that it doesn't create the effect of corrosion on stainless steel surfaces.
- It's especially convenient for stainless steel sheets, stainless steel plates, general types of construction steels, soft steels, hardened steels, rail steels. It's used for surface grinding, corner grinding, rust cleaning and in processes like burring after iron foundry operations and surface grinding of iron rails.



EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80271006SS	100x6,0x16	25	200	80m/s
S80271004SS	100x4,0x16	25	300	80m/s
S80271156SS	115x6,0x22,23	25	100	80m/s
S80271256SS	125x6,0x22,23	25	100	80m/s
S80271806SS	180x6,0x22,23	25	50	80m/s
S80272306SS	230x6,0x22,23	20	40	80m/s

## Grinding Wheel For Cast Iron



- Used for medium/ high power angle machines, display the best performance on strong high frequency electric Angle grinder
- Used for foundry, graphite iron, aluminium alloy
- Foundry grinding disc provides a high burr removal capability and a maximum performance with long life for ductile, cast iron, gray iron casting, welding burrs, steel rail beams and general types of ironsteel. In particular, the usage in "High Frequency" engines is recommended.
- It's convenient for ductile and all types of materials which are produced by cast iron, such as gray iron castings. It's used for grinding, burr removing and surface cleaning of those materials. It's also used on processes such as surface grinding, rust removal, welding burrs, grinding of corners for general types of iron and steel, soft steels, hardened steels and rail steels.

EAN-Code	Dimension mm	PCS/BOX	PCS/CTN	M/S
S80271156SS	115x6,0x22,23	25	100	80m/s
S80271806SS	180x6,0x22,23	25	50	80m/s
S80272306SS	230x6,0x22,23	20	40	80m/s

For Angle Grinder

For Cast Iron

For 80M/S





Lined area for notes or information.



FLAP DISC





Flap disc has more advantages than grinding wheel, with the greater amount of grinding and the required gloss finish by different grits.

PEGATEC adopt the raw material from Germany, Turkey and so on. High quality abrasive particles and special structure can satisfy the rigorous and complex grinding operation for users.

Content	
PEGATEC	High Performance
PEGASTAR	Universality
TERMINATOR	<ul style="list-style-type: none"><li>Fast Installation</li><li>Fast heat dissipation</li><li>Extremely high efficiency</li></ul>

Application types

Find the your products according to application and material

1 Material	Steel, Cast Steel	INOX	Rust, Cast Iron	Cast Iron, Stone
2 Appliance	Page	Page	Page	Page
Surface Grinding	85	81-84	83	—
Welding Cleaning	85	81-84	83	—
Chamfering	85	81-84	83	—
De-burring	85	81-84	83	—
Corner Welding	85	81-84	83	—

Unique TERMINATOR



Product Advantages

- Long lifetime
- Efficient High stock removal
- Comfortable cutting behavior
- Multiple Duct System
- 2 IN 1

Application

- Welds grinding
- Chamfer
- Surface grinding
- Repair sealing weld
- De-burring

Material

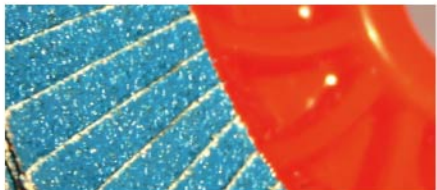
- Stainless Steel
- Mild Steels
- Tool Steels Spring Steels
- Cast Iron
- Non-ferrous Metals
- Plastic,primer
- Lacquers And Wood



Easy to install. It takes 40 seconds to install and uninstall General flap disc, but only 6 seconds for TERMINATOR.



Air-cooled with cooling slots integrated in the backing  
As the shape of the turbine guide tuyere, without hot corrosion when grinding stainless steel



TERMINATOR Flap disc with glass fibre reinforced plastic backing Equipped with zirconium abrasives on a cotton-polyester cloth High stock removal and service life

Fast Installation



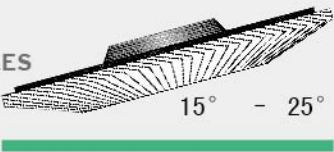
TECHtips Two Basic Flap Disc Designs

Type 29 Conical

THE MOST AGGRESSIVE CHOICE

- Conical flap discs have flaps angled at 10 degrees be used on both conical and flat surfaces and may
- The angle provides greater surface contact and as a result,tends to be the most aggressive choice
- The best choice when speed and stock removal are primary considerations

GRIND AT  
STEEPER ANGLES

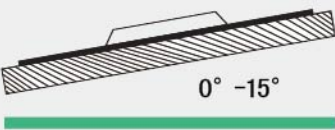


Type 27 Flat

THE CHOICE FOR THE BEST FINISH

- The Type 27 flap discs have a flat design and are used primarily on flat surfaces
- The best choice for smooth finishing
- Also available in Norton Jumbo / Merit High Density sizes with extra large flaps lasting up to 40% longer than standard flap discs
- Choice will also depend on user preference of grinding angle (severe angle will weaken the edges)

0° -15°



GRIND AT  
FLATTER ANGLES





4" TERMINATOR Flap Disc



- Used for medium/ high power angle machines, display the best performance.
- TERMINATOR with the largest grinding ability.
- Easy to install. It takes 40 seconds to install and uninstall General flap disc, but only 6 seconds for TERMINATOR.
- As the shape of the turbine guide tuyere, without hot corrosion when grinding stainless steel

Size		Grades Available	PCS/BOX	PCS/CTN	M/S
Dia	Material				
100x16	Zirconia/	40# 60#	20	100	80m/s
115x22,23	Aluminum	80# 100#	20	100	80m/s
125x22,23	Oxid	120#	20	100	80m/s

4,5" TERMINATOR Flap Disc



- Used for medium/ high power angle machines, display the best performance.
- TERMINATOR with the largest grinding ability.
- Easy to install. It takes 40 seconds to install and uninstall General flap disc, but only 6 seconds for TERMINATOR.
- As the shape of the turbine guide tuyere, without hot corrosion when grinding stainless steel

Size		Grades Available	PCS/BOX	PCS/CTN	M/S
Dia	Material				
100x16	Zirconia/	40# 60#	20	100	80m/s
115x22,23	Aluminum	80# 100#	20	100	80m/s
125x22,23	Oxid	120#	20	100	80m/s



PEGATEC Flap Disc



Product Advantages

- Overlong durability
- High cutting speed
- Comfortable grinding experience
- Burr-free
- Sharp

Application

- Stock removal
- Deburring
- Surface grinding
- Blending welds
- De-burring

Material

- Stainless steels
- Mild Steels
- Tool Steels Spring Steels
- Cast Iron
- Non-ferrous Metals
- Plastic,primer
- Lacquers And Wood

Apps & Solutions

Mild Steel Application

Some common mild steel applications start with grit 40 or grit 50 flap disc to quickly remove welds or surface imperfections. Flap discs should be versatile because they need to quickly remove material and have formidable cleaning properties. Choosing a flap disc with these performance factors may be challenging.



SOLUTION

PEGATEC flap discs have been designed to meet the challenges of mild steel fabricators. Not only does the unique blend of grains provide a fast cut, our exclusive hard edge construction shows the most durability and life seen by any other flap disc. PEGATEC flap discs will deliver fast material removal while remaining flexible for general clean up and burr removal applications.

Stainless Steel Application

Stainless fabricators may choose flap discs over resin fibre discs because of their finer finish. The added ability for flap discs to perform general clean up duties, such as spatter and mill scale removal, also make them a popular choice.



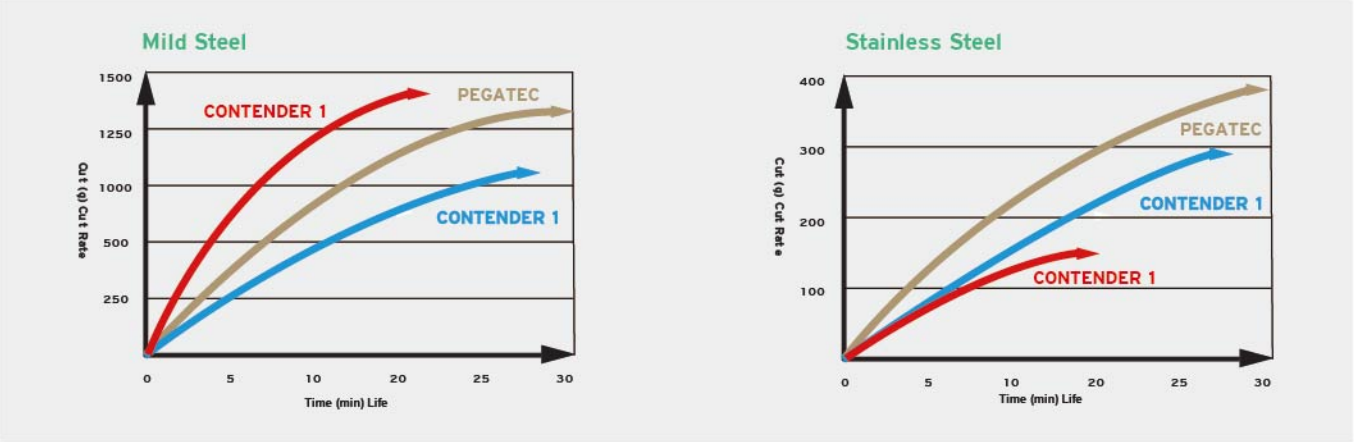
SOLUTION

The self-sharpening grains and optional hard edge shape of PEGATEC flap discs deliver fast material removal and excellent cleaning properties. PEGATEC flap discs can outlast the excessive heat generated from stainless grinding, especially compared to standard zirconia and aluminum oxide flap discs.





PEGATEC Test



4,5" PEGATEC VSM Zirconia Flap Disc



- Significantly improves life, grain retention and fray resistance
- Cool, noticeably fast cut rate
- Produced with VSM raw material, stable and extremely high efficiency.
- Very aggressive and consistent, New resin system for high grain retention
- cut rate Maximum contact with work piece without loading
- Fine finishing primarily on flat surfaces
- Last 50% - 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	40# 60# 80# 100# 120#	20	100	80m/s	PFD100VZA
115x22,23			20	100	80m/s	PFD115VZA
125x22,23			20	100	80m/s	PFD125VZA
150x22,23			20	100	80m/s	PFD150VZA
180x22,23			20	100	80m/s	PFD180VZA

4,5" PEGATEC Ceramic Grain Flap Disc



- Significantly improves life, grain retention and fray resistance
- Cool, noticeably fast cut rate
- Produced with VSM new technique raw material, stable and extremely high efficiency.
- Very aggressive and consistent, New resin system for high grain retention
- cut rate Maximum contact with work piece without loading
- Fine finishing primarily on flat surfaces
- Last 50% - 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Ceramic Grain	40# 60# 80# 100# 120#	20	100	80m/s	PFD100CG
115x22,23			20	100	80m/s	PFD115CG
125x22,23			20	100	80m/s	PFD125CG
150x22,23			20	100	80m/s	PFD150CG
180x22,23			20	100	80m/s	PFD180CG

4,5" PEGATEC 3M Coated Flap Disc



- Significantly improves life, grain retention and fray resistance
- Cool, noticeably fast cut rate
- Produced with 3M new technique raw material, stable and extremely high efficiency.
- Very aggressive and consistent, New resin system for high grain retention
- cut rate Maximum contact with work piece without loading
- Fine finishing primarily on flat surfaces
- Last 50% - 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	40# 60# 80# 100# 120#	20	100	80m/s	PFD100CZA
115x22,23			20	100	80m/s	PFD115CZA
125x22,23			20	100	80m/s	PFD125CZA
150x22,23			20	100	80m/s	PFD150CZA
180x22,23			20	100	80m/s	PFD180CZA

PEGASTAR High Price-To-Performance Ratio Is Used For Stainless Steel



- Excellent performance and efficiencies on stainless steel applications
- Plastic wears away with abrasive - for longer life
- Less downtime for disc changes
- Cool, noticeably fast cut rate
- Produced with European raw materials of Zirconia Alumina
- Low cost but perfect polishing effect.
- Grit 40 is for original grinding, Grit 60 is for surface finishing.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	40# 60# 80# 100# 120#	20	100	80m/s	PSFD100ZA
115x22,23			20	100	80m/s	PSFD115ZA
125x22,23			20	100	80m/s	PSFD125ZA
150x22,23			20	100	80m/s	PSFD150ZA
180x22,23			20	100	80m/s	PSFD180ZA

PEGASTAR Double Flap Disc Construction For Stainless Steel & Steel



- Excellent performance and efficiencies on stainless steel applications
- Plastic wears away with abrasive - for longer life
- Less downtime for disc changes
- The second piece go on grinding after the first one being worked out.
- Produced with European raw materials of Zirconia Alumina
- Low cot but perfect polishing effect.
- Grit 40 is for original grinding, Grit above 60 is for surface finishing.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	40# 60# 80# 100# 120#	20	100	80m/s	PSFD1002ZA
115x22,23			20	100	80m/s	PSFD1152ZA
125x22,23			20	100	80m/s	PSFD1252ZA
150x22,23			20	100	80m/s	PSFD1502ZA
180x22,23			20	100	80m/s	PSFD1802ZA



Flap Disc  
PEGASTAR Series



PEGASTAR High Price-To-Performance Ratio Flap For Steel



- Excellent performance and efficiencies on stainless steel applications
- Plastic wears away with abrasive - for longer life
- Less downtime for disc changes
- Cool, noticeably fast cut rate
- Low cost but perfect polishing effect
- Grit 40 is for original grinding, Grit 60 is for surface finishing.

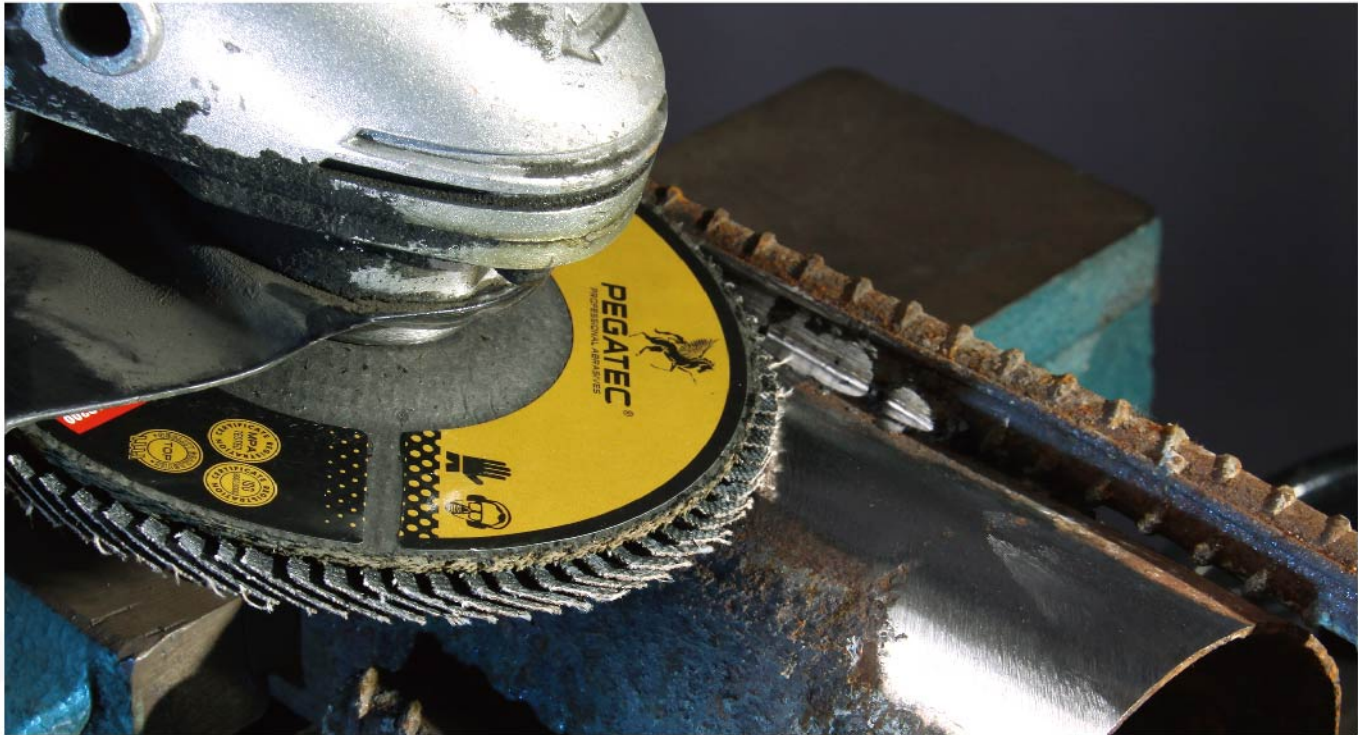
Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminium Oxide	40# 60# 80# 100# 120#	20	100	80m/s	PSFD100A
115x22,23			20	100	80m/s	PSFD115A
125x22,23			20	100	80m/s	PSFD125A
150x22,23			20	100	80m/s	PSFD150A
180x22,23			20	100	80m/s	PSFD180A

4,5" PEGASTAR Flap Disc



- Significantly improves life, grain retention and fray resistance
- Cool, noticeably fast cut rate
- Produced with VSM new technique raw material, stable and extremely high efficiency.
- Very aggressive and consistent , New resin system for high grain retention
- cut rate Maximum contact with work piece without loading
- Fine finishing primarily on flat surfaces

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminium Oxid	40# 60# 80# 100# 120#	20	100	80m/s	PFD100A
115x22,23			20	100	80m/s	PFD115A
125x22,23			20	100	80m/s	PFD125A
150x22,23			20	100	80m/s	PFD150A
180x22,23			20	100	80m/s	PFD180A



FINE POLISHING TOOLS

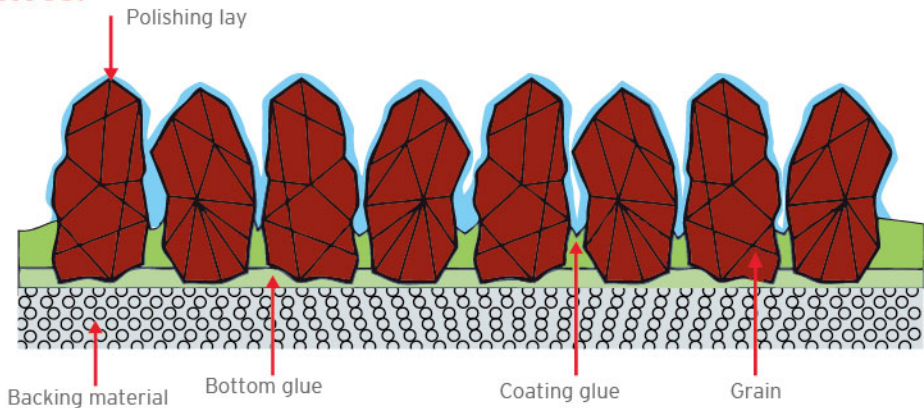




Composition of coated abrasives:

Coated abrasives can be worked for almost all types material surface. Coated abrasives are divided into dry polishing and wetpolishing.

- Backing material
- Bottom glue
- Coating glue
- Grain
- Polishing lay



Backing material

Bonder and grain are fixed on backing material. The selection of backing material varies depending on tensile strength, flexibility, and wear-resisting. Backing material selection should take requirement of polishing into consideration. There are three kinds of PEGATEC as following:

Paper:

paper backing material are usually used for wood processing industry and paint processing, a small scale in metal processing. The abrasive products of manual polishing usually consist of 70-100g/M2 grain and paper backing material. Heavy paper is used for manufacturing narrow sanding belt and wide sanding belt for stationary machine.

Cloth:

cloth backing coated abrasives mainly used for metal processing industry.

Vulcanized fibre paper:

different intensity vulcanized fibre paper mainly for producing different fiber abrasives discs. Hard paper is very strong, hard, and wear-resisting.

Bond:

It needs different resin bond to combine abrasive grain with backing material in manufacturing coated abrasives. Firstly spray bottom glue on backing material, then spray abrasive grain on the surface, and take special technique to adjust. Then the abrasive grain and bond combine well. Bond supports abrasive grain well to bear external force and load in the processing.

Abrasives grain:

The right choice of products is very important for economic value of surface processing and technology.

Aluminum oxide:

Aluminum oxide is used for producing grain. It can change the hardness and toughness by bond and special manufacture method.

Silicon carbide:

silicon carbide is a kind of compositely produced abrasive grain. It is very sharp, low toughness, but with high hardness. Silicon material is used for titanium, aluminum, copper, stone and plastic working.

Zirconium:

zirconium is smelting mixture of aluminum oxide and zirconium oxide. Zirconium is softer but with more toughness compared with aluminum oxide. High proportion aluminum oxide endows zirconium excellent self-sharpness.

Ceramic grain:

The advanced grain toughness and self-sharpness are favored by various processing industry.

Classification of grain grit:

There are provisions of different coated abrasive grain grit in ISO6344, and meanwhile apply to FEPA standard.

- Rough:  
P 80 - 60 - 50 - 40 - 36 - 24 - 16
- Medium  
P 280 - 240 - 220 - 180 - 150 - 120 - 100
- Fine:  
P 600 - 500 - 400 - 360 - 320
- Extra fine:  
P 1500 - 1200 - 1000 - 800



Processing sequence of rough/medium/fine:

Operation method	Polishing by facing down			Belt polishing		Manual polishing
Driving tools	Angle machine	Mini Grinder	Eccentric sander	Belt sander	Belt sander	
Rough processing, and geometry correction geometry (rough grit)						
Products						
	Fiber disc	Quick change disc	Sanding disc	Short sanding belt	Long sanding belt	
Medium processing, low the roughness (medium grit)						
Products						
	Fiber disc	Quick change disc	Sanding disc	Short sanding belt	Long sanding belt	
Circular polishing						
	Flap disc with shaft					
Fine polishing, (Fine grit)						
Products						
	Fiber disc	Quick change disc	Sanding disc	Short sanding belt	Long sanding belt	
Cleaning processing						
Products						
	Non-woven Quick change disc	Sanding disc	Short sanding belt	Long sanding belt	Non-woven belt	Non-woven Flap wheel
	Non-woven Sheet					



# Fine Polishing Tools

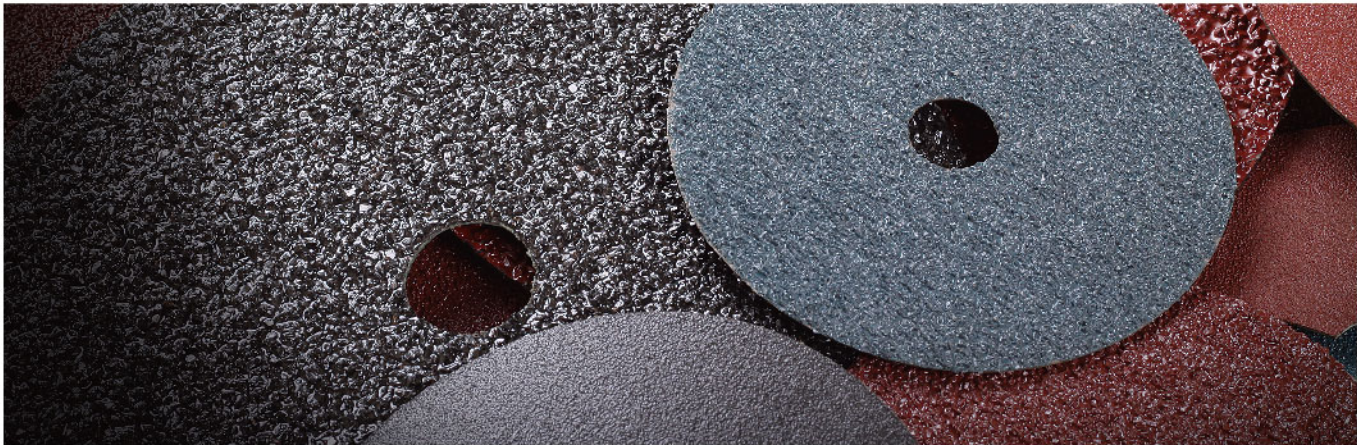
Fiber Disc



# Fine Polishing Tools

Fiber Disc

Our numerous products realize superior quality from rough polishing to fine polishing.



### Product Advantages

- Long lifetime
- Unit precision
- High cutting ability
- High flexible performance
- Excellent abrasive grain
- Flat

### Application

- Rough grinding
- Welds grinding
- Chamfer
- Cast burr cleaning
- De-burring

### Materials

- Steel, cast iron
- High-alloyed steels
- Structural steels
- High strength structural steel
- Alloy steel
- Non-ferrous metal
- Stainless steel

### Application of Fiber Disc

1 Material			Aluminum Oxide	Zirconium	Siclicon Carbide
2 Appliance					
Steel, cast steel	Non-rigid heat treated steel	Constructional steel, carbon steel, tool steel, cast steel	Very suitable	Suitable	Siclicon Carbide
	Heat -treated steel	Tool steel, tempered steel, alloy steel, cast steel	Suitable	Very suitable	—
Stainless steel	Rust-proof and acid-resistant steel	Austenitic stainless steel	—	Suitable	Suitable
Aluminum, non-ferrous metal	Soft non-ferrous metal	Soft aluminum alloy	—	—	Very suitable
		Brass, red bronze, zinc	Very suitable	Suitable	Very suitable
	Hard non-ferrous metal	Hard alloy	Very suitable	Suitable	Very suitable
		Bronze, titanium	—	Suitable	Very suitable
	Heat -resistant material	Nickel base alloy, cobalt-base alloys	—	Suitable	—
Cast iron	Gray cast iron White cast iron	Ductile cast iron	Very suitable	Suitable	—
Corner Welding	Wood, paint	Fiber reinforced plastic Thermoplastic plastic Wood ,Chipboard, paint	Very suitable	—	Very suitable

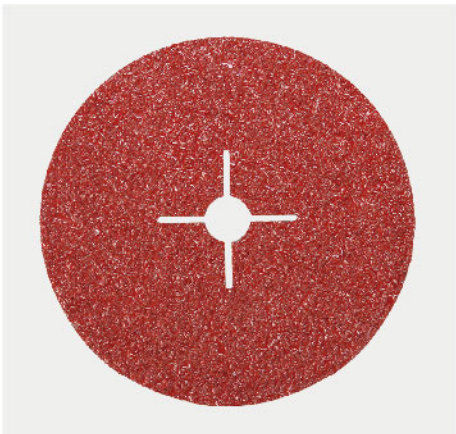
## 4" Fiber Disc For Metal



- Used for 4" angle machine, suit for Asia market.
- Used for common polishing from rough polishing to fine polishing in industry.
- Tough, versatile aluminum oxide abrasive
- Ideal for general purpose applications
- Ideal for small unit sales and jobs
- Economically prices, good for small job shops and general purpose applications

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminium Oxid	16#24#	100	1000	80m/s	PFD100A
115x22,23		36#40#	100	1000	80m/s	PFD115A
125x22,23		60#80#	100	1000	80m/s	PFD125A
150x22,23		100#120#	50	500	80m/s	PFD150A
180x22,23		150#180#	50	500	80m/s	PFD180A
		240#320#	50	500	80m/s	PFD180A

## 4.5", 5", 7" Fiber Disc For Metal



- Used for 4.5", 5", 7" angle machine, suit to European, Middle-east, and South-America market.
- Used for common polishing from rough polishing to fine polishing in industry.
- Tough, versatile aluminum oxide abrasive
- Ideal for general purpose applications
- Ideal for small unit sales and jobs
- Economically prices, good for small job shops and general purpose applications

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminium Oxid	16#24#	100	1000	80m/s	PFD100A
115x22,23		36#40#	100	1000	80m/s	PFD115A
125x22,23		60#80#	100	1000	80m/s	PFD125A
150x22,23		100#120#	50	500	80m/s	PFD150A
180x22,23		150#180#	50	500	80m/s	PFD180A
		240#320#	50	500	80m/s	PFD180A

## 4.5", 5" Fiber Disc For Stainless Steel



- Used for 4.5", 5" angle machine, suit to European, Middle-east, and South-America market
- Coolest cut; significantly faster cut rate
- Longest life on alloy metals and stainless steel
- Better finish and part integrity
- Ideal for edges and corners
- Great productivity versus any fiber disc and lower total costs
- The choice for grinding and finishing carbon steel, mild steel, cast iron and welds

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	16#24#	100	1000	80m/s	PFD100ZA
115x22,23		36#40#	100	1000	80m/s	PFD115ZA
125x22,23		60#80#	100	1000	80m/s	PFD125ZA
150x22,23		100#120#	50	500	80m/s	PFD150ZA
180x22,23		150#180#	50	500	80m/s	PFD180ZA
		240#320#	50	500	80m/s	PFD180ZA





7" Fiber disc for stainless steel



- Used for 4.5", 5" angle machine, suit to European, Middle-east, and South-America market
- Coolest cut; significantly faster cut rate
- Longest life on alloy metals and stainless steel
- Better finish and part integrity
- Ideal for edges and corners
- Great productivity versus any fiber disc and lower total costs
- The choice for grinding and finishing carbon steel, mild steel, cast iron and welds

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	16#24# 36#40# 60#80# 100#120#	100	1000	80m/s	PFD100ZA
115x22,23			100	1000	80m/s	PFD115ZA
125x22,23			100	1000	80m/s	PFD125ZA
150x22,23			50	500	80m/s	PFD150ZA
180x22,23			50	500	80m/s	PFD180ZA

Fiber disc used for cast iron, stone



- Silicon carbide material for cast iron and stone
- Coolest cut; significantly faster cut rate
- Better finish and part integrity
- Great productivity versus any fiber disc and lower total costs

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Silicon Carbide	16#24#	100	1000	80m/s	PFD100C
115x22,23		36#40#	100	1000	80m/s	PFD115C
125x22,23		60#80#	100	1000	80m/s	PFD125C
150x22,23		100#120#	50	500	80m/s	PFD150C
180x22,23		150#180#	50	500	80m/s	PFD180C
		240#320#	50	500	80m/s	PFD180C

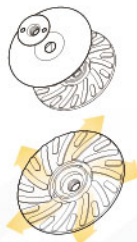
Back-up Pads



- Designed for medium- to heavy-grinding applications.
- Slotted aluminum hub design draws cool air behind the disc.
- Cooler cutting action reduces disc loading and increases grinding life
- Firm pads provide more aggressive cut; medium pads offer greater flexibility

Fiber disc polishing pads match and support all PEGATEC fiber disc. The special material makes the polishing pad with high durability and safety. The distant appearance as turbine is of good resistance and heat dissipation.

EAN-Code	Dimension mm	Dimension in	Thread	M/S
PE61040	98	4"	M10/M14/5/8"-11	80m/s
PE61045	108	4.5"	M14/5/8"-11	80m/s
PE61050	123	5"	M14/5/8"-11	80m/s
PE61060	148	6"	M14/5/8"-11	80m/s
PE61070	172	7"	M14/5/8"-11	80m/s



SPEED-FIX™





SPEED-FIX covers the full range of the surface treatment. From rough grinding to the surface repair then to the mirror polishing.



These products are qualified the most demanding and complex precision machining tasks.

Product Advantages

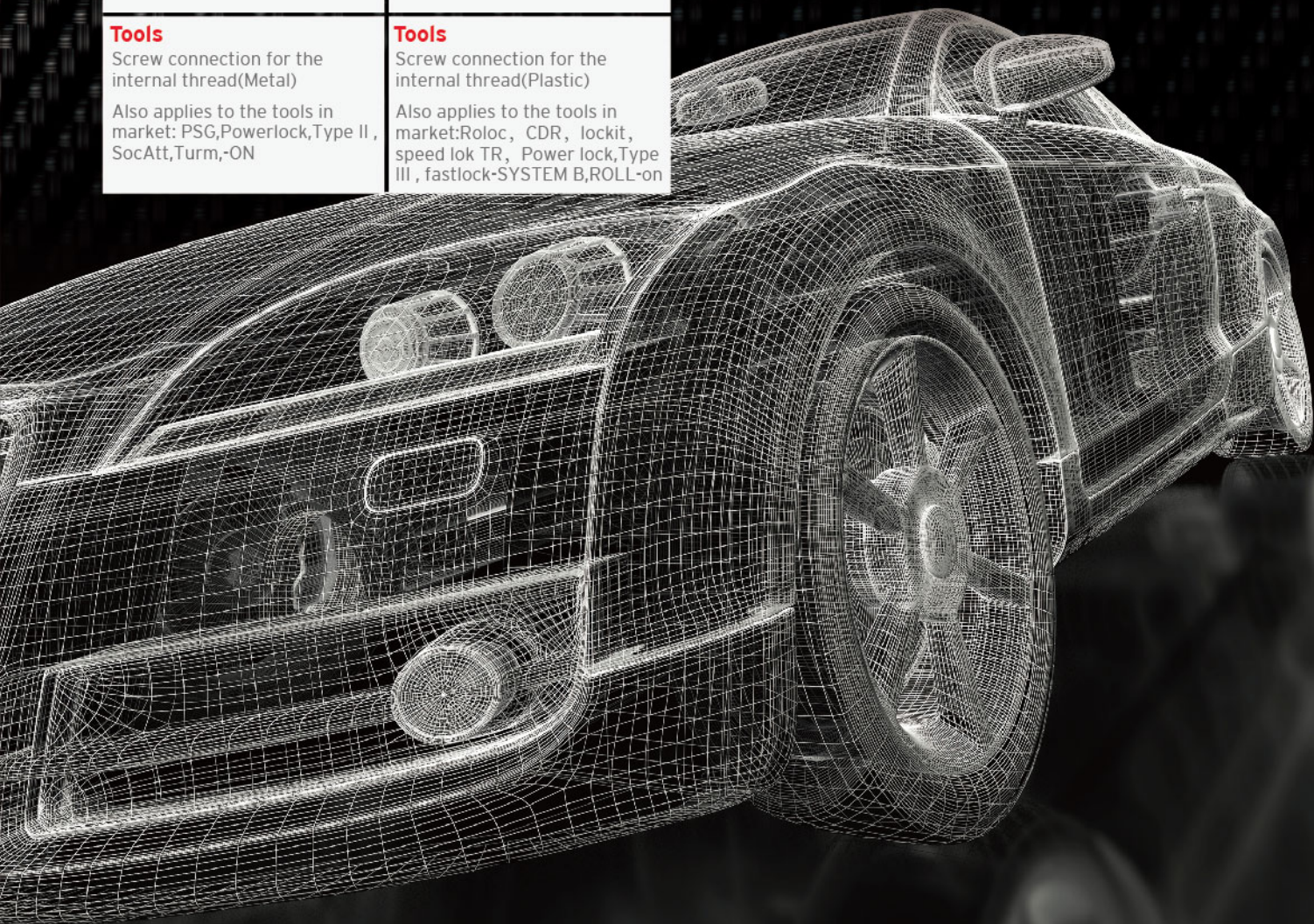
- Easy to use
- Fast exchange
- Safe use
- No fracture under high temperature
- Operation without vibration
- 20-75MM is choosable, Various abrasives and granularity

Application example

- Tool & Die Makers
- Mechanical Engineering
- Aerospace, Automotive
- Tank manufacturing, High-pressure container processing

PEGATEC can supply the following two kinds of the installation systems

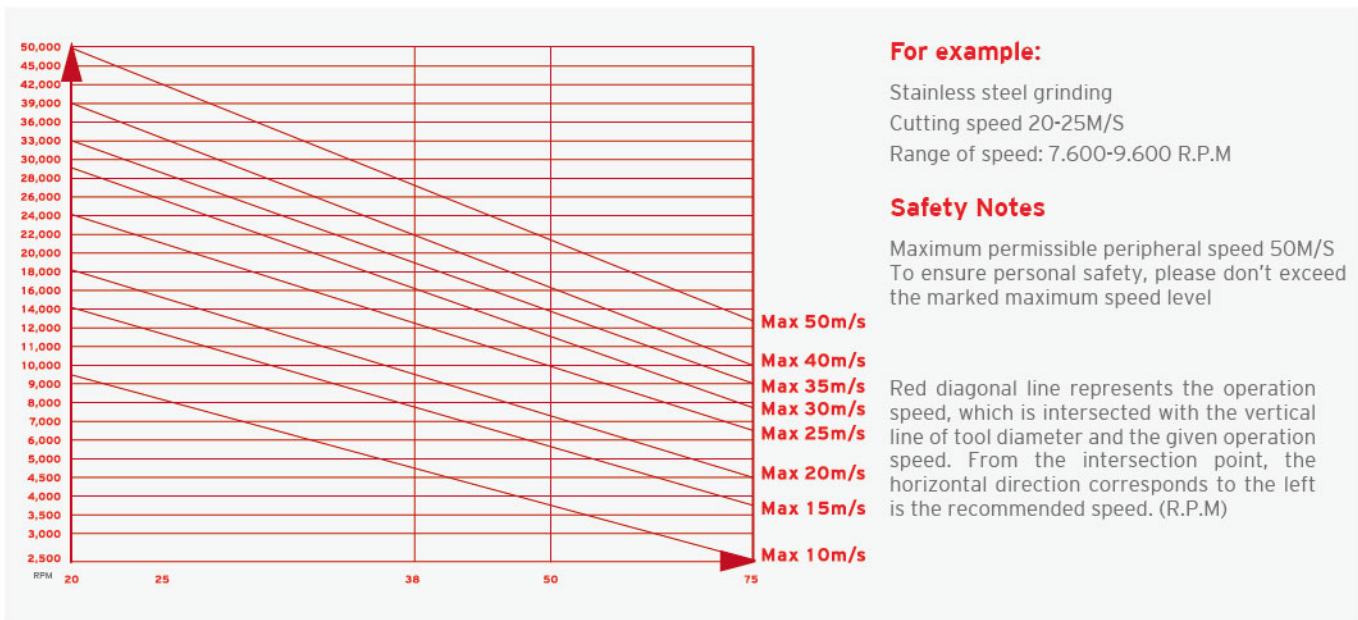
<b>Tools</b> Screw connection for the internal thread(Metal) Also applies to the tools in market: PSG,Powerlock,Type II , SocAtt,Turm,-ON	<b>Tools</b> Screw connection for the internal thread(Plastic) Also applies to the tools in market: Roloc, CDR, lockit, speed lok TR, Power lock,Type III , fastlock-SYSTEM B,ROLL-on



Suggested Use

Appliance	Recommended operation speed (M/S)								Recommended Products
	5	10	15	20	25	30	35	40	
Polishing Steel, Cast steel				↔					Page 96
Polishing stainless steel				↔					Page 95
Cast steel polishing and rough grinding					↔				Page 96
High-temperature materials' grinding		↔							Page 95
Hard non-ferrous metal, titanium, bronze, alloy's polishing		↔							Page 96
Soft non-ferrous metals, Brass, Pure copper, Aluminum					↔				Page 96
Hard Metal,Hard material layers,Glass,GFK		↔							Page 96
Clearance,Grinding grain operations			↔						Page 96
Polishing	↔								Page 97

Important Operation Speed Will Affect Your Efficiency And Level Of Use







High-end Ceramic Abrasives-heat Resistance



- Ceramic Abrasives is suitable for use in non-alloy, stainless steel, cast iron, titanium, nickel alloys and hard materials operations
- Due to the self-sharpening, ceramic abrasive gives a sustained high performance. Active additive coating greatly enhance the grinding performance while preventing overloading and overheating
- Superior durability and efficiency
- 3 M advanced materials



Size		Grades Available	PCS/BAG	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Zirconia	40# 60#	100	2000	80m/s	PSFD50CZA
3"/75mm		80# 100# 120#	50	1000	80m/s	PSFD75CZA

High-end Ceramic Abrasives-heat Resistance



- Ceramic Abrasives is suitable for use in non-alloy, stainless steel, cast iron, titanium, nickel alloys and hard materials operations
- As self-sharpening, ceramic abrasive gives a sustained high performance. Active additive coating greatly enhance the grinding performance while preventing overloading and overheating
- Superior durability and efficiency
- VSM advanced materials
- Suitable for reclamation of grinding



Size		Grades Available	PCS/BAG	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Zirconia	40# 60#	100	2000	80m/s	PSFD50CG
3"/75mm		80# 100# 120#	50	1000	80m/s	PSFD75CG

Zirconia Alumina (Za) Abrasive



- Zirconia alumina materials are suitable for grinding all materials
- Preventing overloading and overheating
- Superior durability and efficiency
- Lower cost than HIGH-END grade.
- VSM Materials
- Suitable for reclamation of grinding and Edge sanding.



Size		Grades Available	PCS/BAG	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Zirconia	40# 60#	100	2000	80m/s	PSFD50ZA
3"/75mm		80# 100# 120#	50	1000	80m/s	PSFD75ZA

Alumina Oxide (A) Abrasive



- Alumina oxide materials are suitable for conventional processing of metals and other materials.
- High efficiency, for the operations of Contour and surface depressions.
- Lower cost than zirconia alumina grade.
- For seamless cutting of metal tooth surface

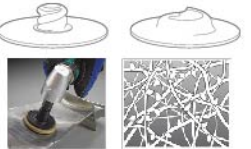


Size		Grades Available	PCS/BAG	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Zirconia	40# 60#	100	2000	80m/s	PSFD50A
3"/75mm		80# 100# 120#	50	1000	80m/s	PSFD75A

Non-woven Abrasive



- For regular operations of metal surfaces, such as cleaning scratches, remove oxides and simple deburring.
- High efficiency, highly open structure.
- Using slurry to further enhance the quality of surface finishing, achieving low-temperature environment's grinding and extending the service life.
- Great productivity versus any fiber disc and lower total costs
- Producing with Italian quality materials.
- Alumina oxide abrasives  
Coarse=Yellow Medium=Red Fine=Blue



Size		Grades Available	PCS/BAG	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Zirconia	40# 60#	100	2000	80m/s	PSFD50NWA
3"/75mm		80# 100# 120#	50	1000	80m/s	PSFD75NWA

Nylon Abrasive



- For facing grinding, rough cleaning, paint removing, forging oxide, rust, and chemical residues
- High efficiency, highly open structure.
- Using slurry to further enhance the quality of surface finishing, achieving low-temperature environment's grinding and extending the service life.
- Producing with 3M high-quality materials.



Size		Colour	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Nylon	Purple	12	120	80m/s	PSFD50NA
3"/75mm		Blue Black	12	120	80m/s	PSFD75NA







Mini flap disc high-end ceramic abrasive-mini flap disc



- Ceramic Abrasives is suitable for non-alloy, stainless steel, cast iron, titanium, nickel alloys and hard materials operations
- As self-sharpening, ceramic abrasive gives a sustained high performance. Active additive coating greatly enhance the grinding performance while preventing overloading and overheating
- Superior durability and efficiency
- 3 M advanced materials
- Extremely ideal result for cleaning welding seam at less accessible areas
- Compared with SPEED-FIX series, grinding discs are more durability.



Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Ceramic	40# 60#	50	2000	80m/s	PSFD50CG
3"/75mm	Grian	80# 120#	25	1000	80m/s	PSFD75CG

Felted Wool abrasive



- For facing grinding, Mirror polishing and chemical residues
- As self-sharpening, ceramic abrasive gives a sustained high performance. Active additive coating greatly enhance the grinding performance while preventing overloading and overheating
- Superior durability and efficiency
- VSM advanced materials
- Suitable for reclamation of grinding



Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
2"/50mm	Wool	Fine	50	2000	80m/s	PSFD50WL
3"/75mm	Wool	Fine	25	1000	80m/s	PSFD75WL

Felted Wool Abrasive



- For facing grinding, Mirror polishing and chemical residues
- Using with Polishing strip, grinding paste and diamond polishing agent
- Producing with Australian high-quality wool raw materials.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
3.5"/90mm	Wool	Fine	10	100	80m/s	PSFD90WL
4"/100mm	Wool	Fine	10	100	80m/s	PSFD100WL
4.5"/115mm	Wool	Fine	10	100	80m/s	PSFD115WL

Sanding Belt



Advantages

- Excellent grinding performance
- Reasonable flexibility, high tensile strength
- Long service life, High efficiency
- Excellent grain adhesion

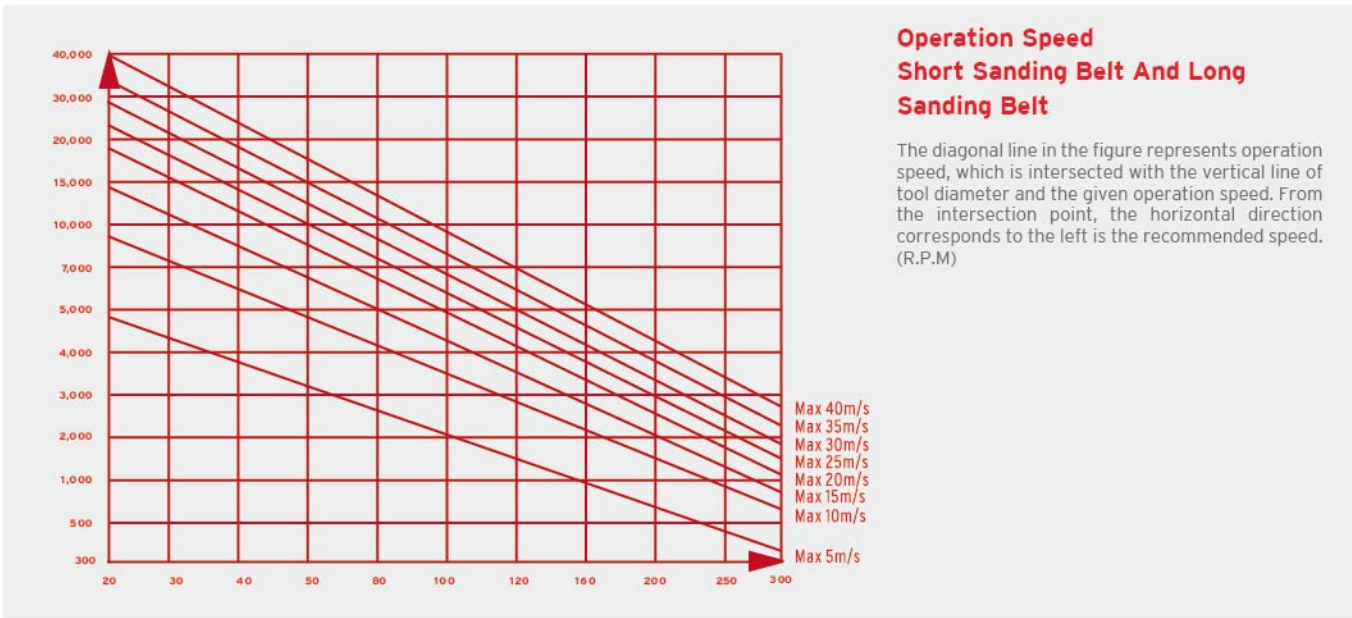
Application Example

- Step-by-step precision grinding on large surface
- Grinding surface lines
- Achieving consistency visual effects for large surface

PEGATEC supply various sizes of sanding belt. Distinguish as the following specification

- Size
- Grit
- Flexibility
- Abrasive

PEGATEC products are completely supporting with market belt machine, and also can be customized according to user needs.







The recommendation of long and short sanding belts:

Material Group			Application	Surface Roughness	Grit	Recommended abrasive	Recommended operation speed
Polishing Steel Cast steel	Non-rigid, Non-heat-treated Steel, Strength Not Exceed 1200n/mm2	Construction steel	Coarse grinding	Coarse  Fine	Coarse  Fine	Aluminium Oxide	25-35M/S
		CarboSteel	Fine grinding				
		Tool Steel	Quite fine grinding				
	Rigid, Non-heat-treated Steel, Strength Exceed 1200n/mm2	Alloy steel	Coarse grinding	Coarse  Fine	Coarse  Fine	Aluminium Oxide zirconium oxide	23-30M/S
		Hardened steel	Fine grinding				
		Cast steel	Quite fine grinding				
Stainless Steel	Rust Protection and acid-resistant steel	Austenite Stainless steel	Coarse grinding	Coarse  Fine	Coarse  Fine	Ceramic corundum	15-25M/S
			Fine grinding				
			Quite fine grinding				
Non-ferrous Metal	Soft Non-ferrous MeCtal	Aluminum Alloy Brass Copper Zinc Alloy	Coarse grinding	Coarse  Fine	Coarse  Fine	Aluminium Oxide	30-40M/S
			Fine grinding				
			Quite fine grinding				
	Hard Non-ferrous Metal	Bronze Titanium Titanium alloy Aluminum alloy	Coarse grinding	Coarse  Fine	Coarse  Fine	Calcined Aluminium Oxide	20-30M/S
			Fine grinding				
			Quite fine grinding				
	Heat-resisting material	Nickel base alloy Cobalt base alloy (aircraft engine manufacturing)	Coarse grinding	Coarse  Fine	Coarse  Fine		5-15M/S
			Fine grinding				
			Quite fine grinding				
	Gray cast iron White cast iron	EN - GJL flake cast iron, nodular cast iron EN - GJS,	Coarse grinding	Coarse  Fine	Coarse  Fine	Aluminium Oxide	5-15M/S
			Fine grinding				
			Quite fine grinding				

Alumina Oxide (A) Abrasive



- Alumina abrasives, coarse and fine grinding for metal and wood
- Superior durability and efficiency
- Suitable for reclamation of grinding

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
19x457	Aluminium Oxid	40# 60# 80#100# 120#150# 180#240# 320#400#	10	400	80m/s	PSB1957A
20x520			10	400	80m/s	PSB20520A
40x760			10	400	80m/s	PSB40760A
50x533			10	250	80m/s	PSB50533A
75x457			10	250	80m/s	PSB75457A
100x610			10	100	80m/s	PSB100610A
100x915			10	100	80m/s	PSB100915A

Zirconium Oxide (ZA) Abrasive



- ZA is suitable for steel, stainless steel, non-ferrous metals as well as flake graphite cast iron operations.
- Superior durability and efficiency
- Suitable for reclamation of grinding, with the maximum grinding.
- Preventing overloading and overheating

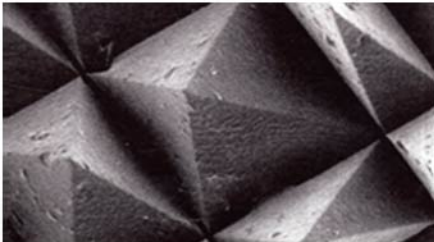
Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
19x457	Zirconia	40# 60# 80#100# 120#	10	400	80m/s	PSB1957ZA
20x520			10	400	80m/s	PSB20520ZA
40x760			10	400	80m/s	PSB40760ZA
50x533			10	250	80m/s	PSB50533ZA
75x457			10	250	80m/s	PSB75457ZA
100x610			10	100	80m/s	PSB100610ZA
100x915			10	100	80m/s	PSB100915ZA

Advanced 3M TRIZACT



- stainless steel, titanium alloy,aluminium alloy,brass and aluminium products operations.
- Superior durability and efficiency
- Open grinding to improve the work efficiency
- Preventing overloading and overheating
- New abrasive structure, known as "Pyramid Abrasive Belt" Composed by precision framework, minerals evenly spread on the surface of the base fabric, combining the same precision models into each belt to reach stable cutting efficiency.

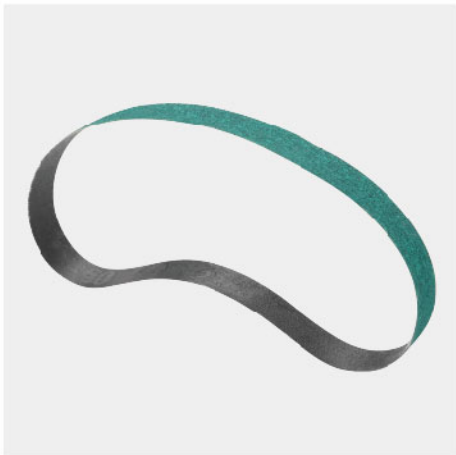
Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
20x520	Aluminium Oxid	40# 60# 80#100#	10	400	80m/s	PSB205203MA
20x525			10	400	80m/s	PSB205253MA
50x533		120#150# 180#240# 320#	10	250	80m/s	PSB505333MA
75x457			10	250	80m/s	PSB754573MA
100x610			10	250	80m/s	PSB1006103MA







High-end Ceramic Abrasives-heat Resistant



- Ceramic Abrasives is suitable for non-alloy, stainless steel, cast iron, titanium, nickel alloys and hard materials operations
- As self-sharpening, ceramic abrasive gives a sustained high performance. Active additive coating greatly enhance the grinding performance while preventing overloading and overheating
- Superior durability and efficiency
- 3 M advanced materials
- Excellent belt performance on medium to hard contact wheels, Good consistent cut rate even at low and medium pressure, Low heat generation reduces risk of burn, Excellent on various material types; from Stainless Steel to Inconel to Titanium, Reduce your cost per part.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
20X520	Zirconia	40# 60#	10	400	80m/s	PSB20520TZA
75X457		80# 100#	10	250	80m/s	PSB75457TZA
100X610		120#	10	250	80m/s	PSB100610TZA

Non-woven Abrasive



- For regular operations of metal surfaces, such as cleaning scratches, remove oxides, simple deburring and matt processing.
- Using slurry to further enhance the quality of surface finishing, achieving low-temperature environment's grinding and extending the service life.
- High efficiency, highly open structure.
- Producing with Italian quality materials.
- Alumina oxide abrasives  
Coarse=Yellow    Medium=Red    Fine=Blue



Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
19x457	Aluminum Oxid	Coarse Medium Fine	10	250	80m/s	PSB1957NW
20x520			10	250	80m/s	PSB20520NW
40x760			10	250	80m/s	PSB40760NW
50x533			10	200	80m/s	PSB50533NW
75x457			10	200	80m/s	PSB75457NW
100x610			10	100	80m/s	PSB100610NW
100x915			10	100	80m/s	PSB100915NW

Spindle Mounted Flap Wheel



Product Advantages

- High flexibility
- High abrasive ratio brought by coated abrasive.
- Even blades loss, and no residue on the work-piece.
- Special structure of flap wheel with shaft makes closer working to the work-piece.

Application

- Tools, mould and fine grinding.
- Trunk, tin and difficult contact area grinding in manufacturing processing equipment.
- Non-ferrous metal or light weight alloy valve and accessories precision finishing.

Usage Advice

- Perform best grinding at 15-20m/s speed. Obtain best balance of grinding ability, surface fine finishing quality, low work-piece temperature.
- Different material with corresponding grinding oil can highly increase the coated abrasives working life

Affecting factors of grinding

Tool wearing and work-piece temperature load

Decrease grinding pressure, circular velocity and add grinding oil can low tool wearing and down temperature of work-piece

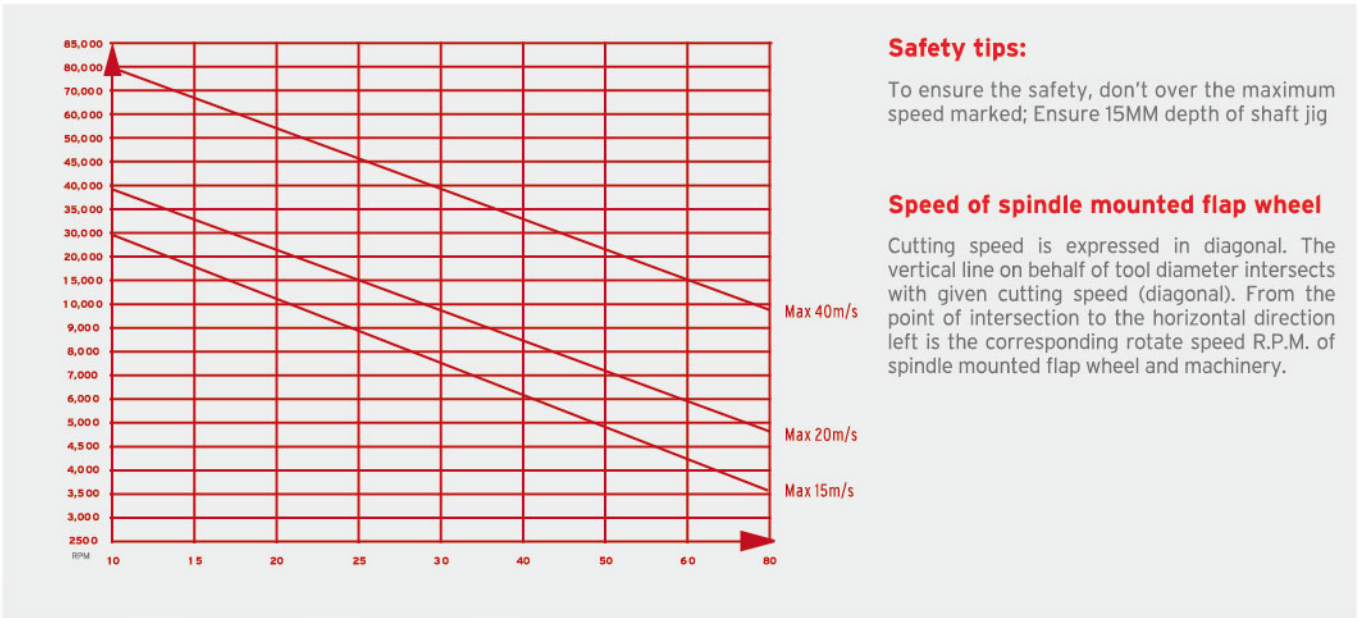
Material grinding ratio

To gain higher grinding ratio, suggest to use rough grit instead of increasing contacting pressure.

Surface roughness

Apply high grinding speed could gain bright and clean surface. Increasing contact pressure leads to more coarse surface.

Important Operation Speed Will Affect Your Efficiency And Level Of Use







Aluminum Oxide



- Aluminum oxide grain, used for rough & fine grinding of metal and wood.
- Extra long durability and efficiency.
- Achieve high grinding ratio.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
25x25x6	Aluminum Oxid	40# 60#	10	300	80m/s	PFW252506A
30x20x6			10	300	80m/s	PFW302006A
40x25x6			10	300	80m/s	PFW402506A
50x25x6			10	300	80m/s	PFW502506A
50x40x6		120#150#	10	300	80m/s	PFW504006A
60x30x6		180#240#	5	150	80m/s	PFW603006A
60x40x6		320#400#	5	150	80m/s	PFW604006A
80x50x6			5	150	80m/s	PFW805006A

Zirconium



- Zirconium used for steel, stainless steel, non-ferrous and flake graphite cast iron processing
- Extra durability and efficiency
- Suit to assarting grinding, get maximum grinding ratio
- Avoid over load, reducing heat generation to prevent hot corrosion.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
30x20x6	Zirconium	40# 60#	10	300	80m/s	PFW302006ZA
40x25x6			10	300	80m/s	PFW402506ZA
50x25x6			10	300	80m/s	PFW502506ZA
50x40x6			10	300	80m/s	PFW504006ZA
60x30x6		120#	5	150	80m/s	PFW603006ZA
60x40x6			5	150	80m/s	PFW604006ZA
80x50x6			5	150	80m/s	PFW805006ZA

Silicon Carbide



- Silicon carbide suit to high hardness and durability materials as titanium alloy, alloy and so on. Same performance used for bronze
- Extra efficiency
- Silicon carbide grain can achieve extra fine surface smoothness
- Avoid over load and over heat.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
30x20x6	Silicon carbide	40# 60#	10	300	80m/s	PFW302006C
40x25x6			10	300	80m/s	PFW402506C
50x25x6			10	300	80m/s	PFW502506C
50x40x6			10	300	80m/s	PFW504006C
60x30x6		120#150#	5	150	80m/s	PFW603006C
60x40x6		180#240#	5	150	80m/s	PFW604006C
80x50x6		320#400#	5	150	80m/s	PFW805006C

Non-woven Flap Wheel



Product Advantages

- Cool grinding
- Different sizes, grits and models
- Highly open, no blocking

Application

- Achieve super smooth and wire drawing effect.
- Clean oxides of non-ferrous metal
- Will not make less brilliant surface of stainless steel
- Surface cleaning before welding

Usage Advice

- Perform best grinding at 15-20m/s speed. Obtain best balance of grinding ability, surface fine finishing quality, low work-piece temperature.
- Driving system, include flexible axle, power-driven, pneumatic driven or mini grind

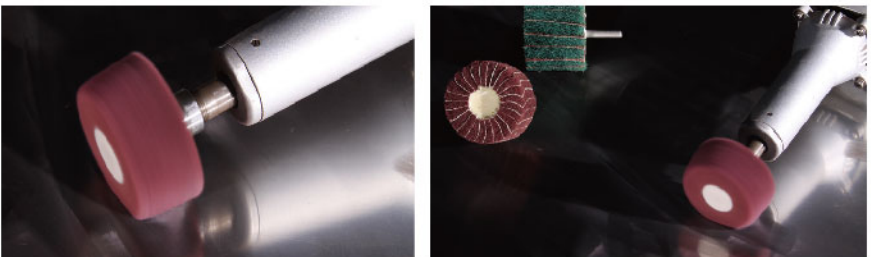
Flexibility and open effect of non-woven makes it has fine elasticity and cool grinding ability. Make no change to the geometric profile of work-piece surface because of the flexibility. Achieve different coarse and fine degrees of surface.

Aluminum Oxide



- Many factors of non-woven abrasive are in the radioactive arrangement, each layer comes into line and be compacted, ensure long working life.
- High efficiency, highly open structure.

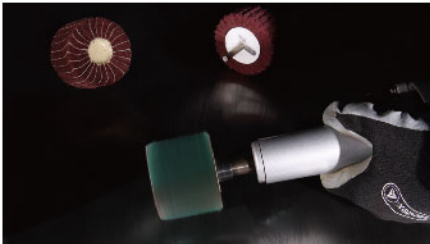
Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
30x20x6	Aluminum Oxid	Coarse Medium Fine Very Fine	10	300	80m/s	PFW302006NW
40x25x6			10	300	80m/s	PFW402506NW
50x25x6			10	300	80m/s	PFW502506NW
50x40x6			10	300	80m/s	PFW504006NW
60x30x6			5	150	80m/s	PFW603006NW
60x40x6			5	150	80m/s	PFW604006NW
80x50x6			5	150	80m/s	PFW805006NW







Aluminum Oxide Multi-layer



- Many factors of non-woven abrasive are in the radioactive arrangement, each layer comes into line and be compacted, ensure long working life.
- There are abrasive blades between two layers.
- Increase grinding ability and generate quite coarse grinding effect

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
30x20x6	Aluminum Oxid	Coarse Medium Fine Very Fine	10	300	80m/s	PFW302006NWA
40x25x6			10	300	80m/s	PFW402506NWA
50x25x6			10	300	80m/s	PFW502506NWA
50x40x6			10	300	80m/s	PFW504006NWA
60x30x6			5	150	80m/s	PFW603006NWA
60x40x6			5	150	80m/s	PFW604006NWA
80x50x6			5	150	80m/s	PFW805006NWA

Wire Drawing Wheel



- Many factors of non-woven abrasive are in the radioactive arrangement, each layer comes into line and be compacted, ensure long working life.
- Extra durability and efficiency

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x100x19	Aluminum Oxid	Coarse	1	10	80m/s	PWDW10010019NW
120x100x19		Medium Fine	1	10	80m/s	PWDW12010019NW

Non-woven Flap Disc-rough



- Many factors of non-woven abrasive are in the radioactive arrangement, each layer comes into line and be compacted, ensure long working life
- Fine grinding of big surface
- Clear blue material
- Weld joint clean of stainless steel element
- Surface working of processing equipments and trunk & tank after manufacture and assembly
- Alumina oxide abrasives  
Coarse=Yellow    Medium=Red    Fine=Blue

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminum Oxid	Coarse	20	200	80m/s	PFD100NW
115x22,23		Medium	20	100	80m/s	PFD115NW
125x22,23		Fine	20	100	80m/s	PFD125NW
		Very Fine	20	100	80m/s	PFD125NW



Wool Wheel



- Suit for surface mirror processing, better effect with polishing paste
- Extra durability and efficiency

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Wool	Fine	20	200	80m/s	PFD100W
115x22,23			20	100	80m/s	PFD115W
125x22,23			20	100	80m/s	PFD125W

Nylon Abrasive Wheel



Product Advantages

- Flexible structure to meet the needs of the workpiece contour and shape
- Open-ended material can be prevented from clogging hot corrosion under high pressure.
- Without corrosive residues on the workpiece surface

Application

- Removing rust, corrosion spots, dirt, stubborn paint spots, or chemical residues, old coating glue, sealant, gasket residue
- Cleaning welds and blueing material, especially the blueing stainless steel surface after hot-corrosion.
- Cleaning the Filler surface

Usage Advice

- Mounted wheels will achieve the best grinding performance under 15-20M / S speed, with fine surface, low temperature of the workpiece, and the best balance.

Factors Affecting Grinding Effect

Tool wear and workpiece temperature load

Reducing grinding pressure and the circumferential speed, Also adding lapping oil can reduce tool wear and workpiece overheating

Material removal rate

To achieve higher removal rates, a more coarse grit was recommended to use, rather than increase the contact pressure, as the pressure will cause the tool to be excessive wear and overheating

Surface roughness

Using high operation speeds to be the more smooth surface. But to increase the contact pressure will be more coarse surface

Safety Notes

To ensure safety, Please do not exceed the marked maximum speed



# Fine Polishing Tools

## Spindle Mounted Flap Wheel



### Roller Wheels



- Alumina abrasive for conventional circular grinding
- superior durability and efficiency
- For flexible shafts, electric and pneumatic tools

Size		Colour	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
75x6	Aluminum Oxid	Purple Blue Black	12	120	80m/s	PRW7506A
90x6(12)			12	120	80m/s	PRW9006(12)A
100x12			10	100	80m/s	PRW10012A
115x12			10	100	80m/s	PRW11512A
125x12			10	100	80m/s	PRW12512A
150x12			10	100	80m/s	PRW15012A
180x12			6	72	80m/s	PRW18012A
200x12			5	60	80m/s	PRW20012A

### Connecting Shaft



- Replace without removing the shank from the machine, which can reduce installation time significantly.
- Connecting Shaft Size:6mm

Size		Colour	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
50x6	Aluminum Oxid	Purple Blue Black	15	300	80m/s	PRWCS5006A
75x6			10	200	80m/s	PRWCS7506A

### Nylon Material SPEED-FIX Discs



- Excellent for removal of rust, undercoating, seam-sealers and stone guards, these discs can get into hard-to-reach areas like wheel wells and under carriage. Ideal for trunk beds and door jambs. Use to remove oxidation from tire rims and to remove rust from brake assemblies.

Size		Colour	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
90x16	Aluminum Oxid	Purple Blue Black	10	100	80m/s	PSD9016A
100x16			10	100	80m/s	PSD10016A
115x22.23			10	100	80m/s	PSD11522A
125x22.23			10	100	80m/s	PSD12522A
150x22.23			10	100	80m/s	PSD15022A
180x22.23			10	80	80m/s	PSD18022A



# Fine Polishing Tools

## Non-woven Flap Wheel

### Nylon Polishing Wheel



- Nylon wheels material provides a unique combination of aggressive performance, long life and improved finish. It is ideal for removing coatings on a variety of substrates, such as wood, metal and plastics.

- Suggested use:  
Especially for low-speed angle grinder, Recommended peripheral speed is 30-35M/S.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
90x16	Aluminum Oxid	40# 60#	10	100	80m/s	PNPW9016A
100x16		80#100#	10	100	80m/s	PNPW10016A
115x22,23		120#150#	10	100	80m/s	PNPW11522A
125x22,23		180#240# 320#	10	100	80m/s	PNPW12522A

### Hand Pads

- hand pads are made of non-woven nylon, impregnated with abrasive grain. They offer excellent conformability and flexibility.



Brown Material: Aluminium Oxid

Grit:80#	Wipe off oxide layer professionally, better to use after changed to sanding wheel
Grit:120#	Removing oxide layer and de-rust after changed to different products
Grit:180#	Treatment of rough surface before painted



Black Material: Silicon Carbide

Grit:1000#	Surface treatment of stainless steel or wood
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Beige Material: Aluminium Oxide

Grit:150#	Quickly wipe off oxide layer&rust and polish
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Green Material:Aluminium Oxide

Grit:320#	De-rust and lines treatment of steel material surface
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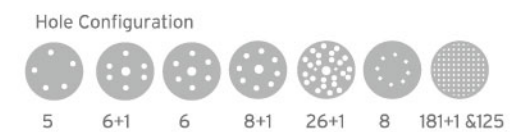
### Alumina Oxide Velcro Disc with holes or without



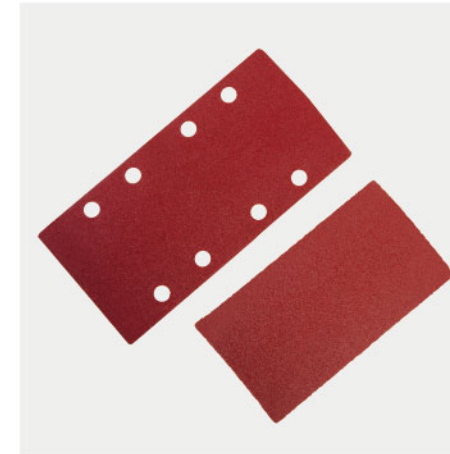
- Features**
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~P400#

- Benefits**
- Durable
  - Ideal for aggressive stock removal applications
  - Make your work easy and efficient with pneumatic sander and rotary sander
  - Resistant to heat Long life



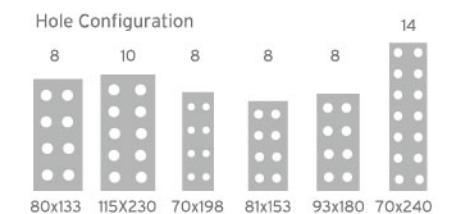
### Alumina Oxide Velcro Cut Sheets (Rectangle)



- Features**
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

  
Size : 93x185mm, 115x230mm, 70x125mm  
70x198mm, 70x420mm, 180x133mm  
81x153mm  
Grit: P40#~P400#

- Benefits**
- Durable
  - Ideal for aggressive stock removal applications
  - High performance using with orbital sander
  - Resistant to heat
  - Long life



### Alumina Oxide Velcro Cut Sheets (Triangle)



- Features**
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

Size : 93x93mm, 98x140mm, 100x140mm  
Grit: P40#~P400#

- Benefits**
- Durable
  - Ideal for aggressive stock removal applications
  - Making your work easier and faster with delta sander
  - Resistant to heat
  - Long life

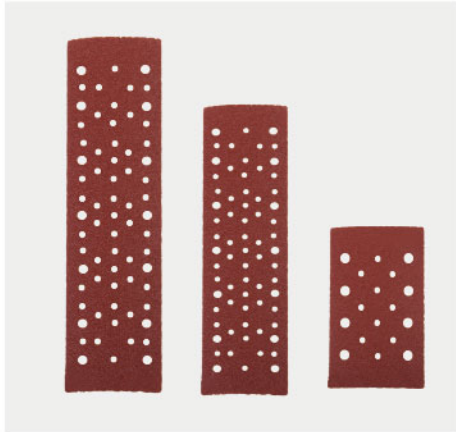


## SANDING DISC





## Alumina Oxide Velcro Cut Sheets (Rectangle)



### Features

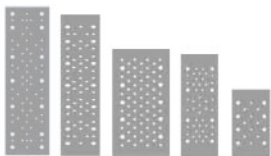
- Premium aluminum oxide abrasive
- C-wt, d-wt, e-wt&f-wt paper
- Closed coating,
- Semi-open or open coating

### Benefits

- Durable
- Ideal for aggressive stock removal applications
- Using with orbital sander can improve your work greatly
- Resistant to heat
- Long life

Size : 70x125mm, 70x198mm, 70x420mm  
115x230mm, 115x406mm  
Grit: P40#~p400#

### Hole Configuration



## Silicon Carbide Velcro Sanding Disc With Holes Or Without



### Features

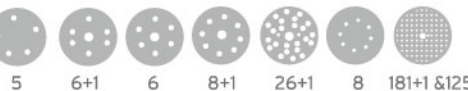
- Premium aluminum oxide abrasive
- C-wt, d-wt, e-wt&f-wt paper
- Closed coating,
- Semi-open or open coating

### Benefits

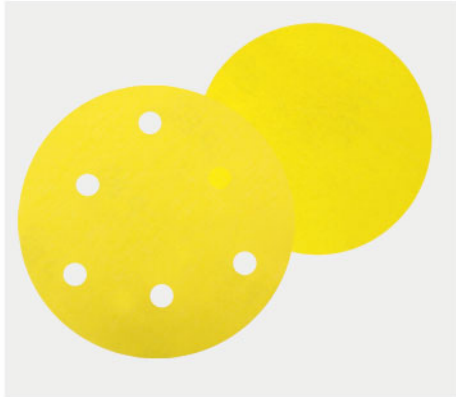
- Hardness
- Ideal for aggressive stock removal applications
- With pneumatic sander and rotary sander can make your work high-efficiency
- Resistant to heat
- Antistatic

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~p400#

### Hole Configuration



## White Alumina Oxide Disc With Holes Or Without



### Features

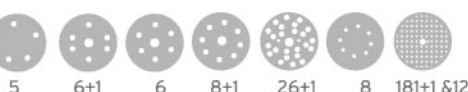
- Premium aluminum oxide abrasive
- C-wt, d-wt, e-wt&f-wt paper
- Closed coating,
- Semi-open or open coating

### Benefits

- Increased life
- Ideal for aggressive stock removal applications
- Make your work easy and efficient with Pneumatic sander and rotary sander
- Resistant to heat
- Reduced loading

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~p400#

### Hole Configuration



## Non-woven Sanding Disc With Multiholes



### Features

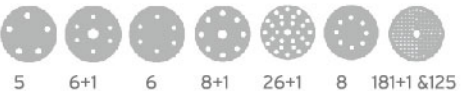
- White alumina oxide
- Semi-open coated&stearate coated
- Non-woven base

### BENEFITS

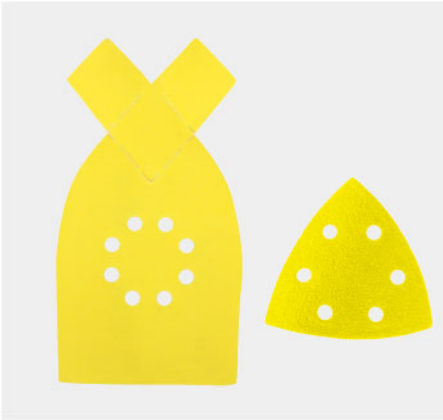
- Durable
- high-efficiency
- Resistant to heat
- Long life

Size : 225mm  
Grit: P60#~P240#

### Hole Configuration



## White Alumina Oxide Fishtail Type & Delta Type



### Features

- Premium aluminum oxide abrasive
- C-wt, d-wt, e-wt&f-wt paper
- Closed coating,
- Semi-open or open coating

### Benefits

- Durable
- Ideal for aggressive stock removal applications
- White Alumina Oxide fishtail type & delta type
- Resistant to heat
- Long life



Fishtail Size : 105x175mm  
Delta Size : 98x140mm, 93x93mm

Grit: P40#~P400#



## White A/O Zinc Stearate Velcro Dics With Holes



### Features

- Quality white alumina oxide
- C-wt, d-wt, e-wt&f-wt paper
- Closed coating,
- semi-open or open coating
- Zinc stearate coated

### Benefits

- Resistant to clogging and heat
- Superior life, consistent finish
- Using with orbital sander can improve your Work greatly
- Increased tear and tensile strength

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~P400#

### Hole Configuration







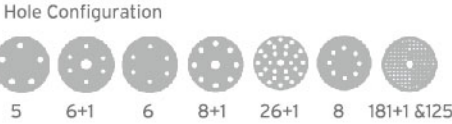
White Alumina Oxide Stearate Coating Velcro Disc



- Features
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~p400#

- Benefits
- Resistant to clogging and heat
  - Superior life, consistent finish
  - Using with orbital sander can improve your work greatly
  - Increased tear and tensile strength



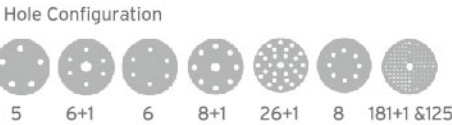
White A/o Stearate Coating Velcro Disc With Holes



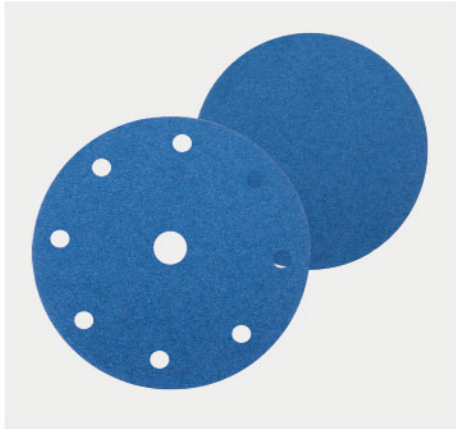
- Features
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~p400#

- Benefits
- Resistant to clogging
  - Good performance in polishing
  - Extended long life
  - Quality similar to 236U
  - Increased tear and tensile strength



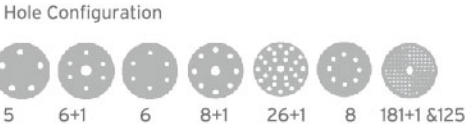
Zirconia Alumina Velcro Disc With Holes Or Without



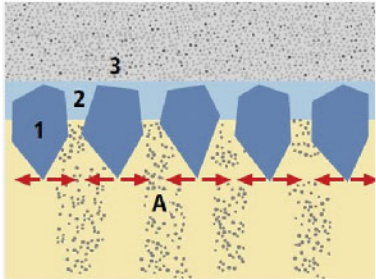
- Features
- Premium aluminum oxide abrasive
  - C-wt, d-wt, e-wt&f-wt paper
  - Closed coating,
  - Semi-open or open coating

Size : 4", 4.5", 5", 6", 7", 9"  
Grit: P40#~p400#

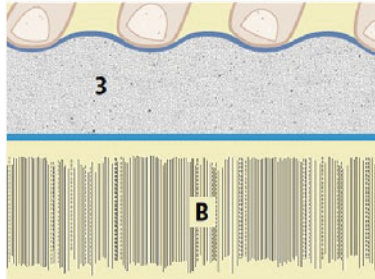
- Benefits
- Reduce edge wear
  - Ideal for aggressive stock removal applications
  - Using with orbital sander can improve your work greatly
  - Resistant to heat
  - Cooler cut, durable



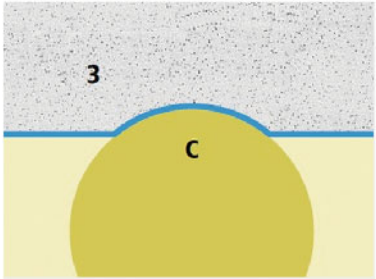
Sanding Block



**Low clogging**  
The combination of a soft backing material and a flexible grit bond reduces clogging because the dust is continually moved out from the spaces between the grit (A) abrasive suitable for many different applications



**Equalises application pressure**  
Excellent pressure distribution thanks to the use of an application-specific foam density, resulting in a uniform finish (b)  
  
No undercutting of varnish because the soft backing material prevents localised pressure from the fingers



**Adaptable to shape**  
Very adaptable to shape (c), especially on profiled or hard-to-reach surfaces  
  
Abrasive does not crease or fold, giving a uniform, scratch-free finish



Trapezoid EVA silicon carbide sanding block Grit: P40#~p400#

- Advantages
- Very aggressive and robust even with uniform surface quality
  - Coated on all four sides, ideal for use inside rabbets and on flat surfaces
  - For use on wood, paint and varnish in the processing industries
  - Low clogging
- Construction
- Grit: brown aluminium oxide  
Coating: 4-sided  
Backing: solvent-free PUR foam  
Foam density: firm for high stock removal  
Grit range: coarse, medium, medium fine, fine, super fine



WA sanding sponge block Grit: P40#~p400#

- For dry or wet polishing, which can be reusable after washing, used for special surfaces polishing of metal, paint, wood, plastic by hand, perfect for contoured surfaces grinding.
- Abrasive sponges for polishing sanding Density: low, medium, high
- grit and top grade resin glue are used Stable performance Top grade quality Reusable Ideal for polishing furniture, metal, plastic, paint, kitchen
- Material: white aluminum, silicon carbide with low density, middle density, high density foam



Abrasive Sanding Sponge Block Grit: P40#~p400#

- for dry or wet polishing, which can be reusable after washing, used for special surfaces polishing of metal, paint, wood, plastic by hand, perfect for contoured surfaces grinding.
- Brown Aluminium, White Aluminium, silicon sand sponges
- Abrasive sponges for polishing sanding Density: low, medium, high
- Material coat on sponge: Brown Aluminium, White Aluminium, Silicon Carbide



Low density sponge sanding block Grit: P40#~p400#~800#~2000#

- For dry or wet polishing, which can be reusable after washing, used for special surfaces polishing of metal, paint, wood, plastic by hand, perfect for contoured surfaces grinding.
- grit and top grade resin glue are used Stable performance Top grade quality Reusable Ideal for polishing furniture, metal, plastic, paint, kitchen equipments etc
- Material coat on sponge: Brown Aluminium, White Aluminium, Silicon Carbide.





Our numerous products realize superior quality from rough polishing to fine polishing.



Classic DA Pads



- Dual Actional Sander Backing Pads, low profile PUR molded, Medium density , good rebounding and durability. Pad with fixed 5/16"-24 bolt
- PUR molded, good flexibility and durability.
- One-piece bolt, strong and precise
- Well controlled balance and weight for vibration-free operation
- Wide range of sizes, hole configuration, hardness and thickness available to meet particular demand

EAN-CODE	SIZE	THREAD	VELCRO	PSA	MAX.RPM	DENSITY	HOLE	THICKNESS
PE21040	4"(98mm)	5/16"-24	✓		12000	Medium	No Hole	14.5mm
PE21050	5"(123mm)	5/16"-24	✓	✓	12000	Medium	No Hole	9.5mm
PE21150	5"(123mm)	5/16"-24	✓	✓	12000	Medium	3+3	9.5mm
PE21250	5"(123mm)	5/16"-24	✓	✓	12000	Medium	5	9.5mm
PE21350	5"(123mm)	5/16"-24	✓	✓	12000	Medium	8	9.5mm
PE21060	6"(148mm)	5/16"-24	✓	✓	12000	Medium	No Hole	9.5mm
PE21160	6"(148mm)	5/16"-24	✓	✓	12000	Medium	6	9.5mm

Multi-Hole DA Pads for Dust-Free Sanding



- Dual Actional Sander Backing Pads, low profile PUR molded, Medium density , good rebounding and durability. Pad with fixed 5/16"-24 bolt
- PUR molded, good flexibility and durability.
- One-piece bolt, strong and precise
- Well controlled balance and weight for vibration-free operation
- Wide range of sizes, hole configuration, hardness and thickness available to meet particular demand

EAN-CODE	SIZE	THREAD	VELCRO	PSA	MAX.RPM	DENSITY	HOLE	THICKNESS
PE21650	5"(123mm)	5/16"-24	✓	✓	12000	Medium	44	9.5mm
PE21660	6"(148mm)	5/16"-24	✓	✓	12000	Medium	53	8.5mm

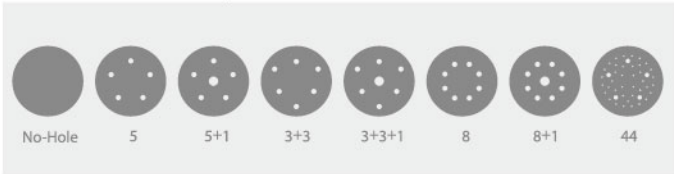
Dual Actional Sander Backing Pads, Middle Profile, Bevel Edge



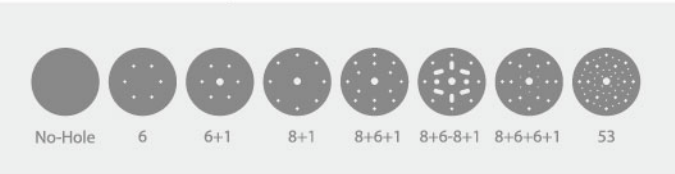
- Dual Actional Sander Backing Pads, low profile PUR molded, Medium density , good rebounding and durability. Pad with fixed 5/16"-24 bolt
- PUR molded, good flexibility and durability.
- One-piece bolt, strong and precise
- Well controlled balance and weight for vibration-free operation
- Wide range of sizes, hole configuration, hardness and thickness available to meet particular demand

EAN-CODE	SIZE	THREAD	VELCRO	PSA	MAX.RPM	DENSITY	HOLE	THICKNESS
PE22050-1	5"(123mm)	5/16"-24	✓	✓	12000	Medium	No Hole	14.5mm
PE22050-2	5"(123mm)	5/16"-24	✓	✓	12000	Medium	5	14.5mm
PE22060-1	6"(148mm)	5/16"-24	✓	✓	12000	Medium	No Hole	14.5mm
PE22060-2	6"(148mm)	5/16"-24	✓	✓	12000	Medium	6	14.5mm

5" Accessories Hole Configurations



6" Accessories Hole Configurations



Rotary Pad Middle Profile



- Middle Profile Backing pads for general polishing job
- PUR molded, good rebounding and durability.
- Available densities: Soft (White PUR) , Medium (Yellow PUR)

EAN-CODE	SIZE	THREAD	VELCRO	PSA	MAX.RPM	DENSITY	THICKNESS
PE16040	4"(100mm)	M10-1.5 M14-2	✓		12000	Medium	15.5mm
PE16045	4.5"(113mm)	M14-2 5/8"-11	✓		10000	Medium	15.5mm
PE16050	5"(122mm)	M14-2 5/8"-11	✓	✓	10000	Medium	15.5mm
PE16060	6"(148mm)	M14-2 5/8"-11	✓	✓	7000	Medium	15.5mm
PE16070	7"(178mm)	M14-2 5/8"-11	✓		5000	Medium	15.5mm
PE16080	8"(198mm)	M14-2 5/8"-11	✓		4000	Medium	15.5mm

Rotary Pads FlexEdge



- Molded PU Backing Pads for foam pads and wool pads
- The FlexEdge™ Urethane Backing Pads are the indispensable part of achieving the perfect polishing effect.
- The edge of pad is wide and soft, when making the carved surface polishing, the pad edge can bend on the curvature of the polishing surface, and provide the excellent operating finish.
- The moulding technics makes the permanent bond for the components of the pad and eliminates ungluing problems. The microcellular Urethane foam has the good rebound performance and can absorb the vibration. It does not deform permanently, and is extremely tough and durable to withstand the rigorous operation
- The Velcro(R) hook facing is adopted, it is molded with the Urethane foam and creates a permanent durable and flat surface.

EAN-CODE	SIZE	THREAD	VELCRO	PSA	MAX.RPM	DENSITY
PE12170	7"(180mm)	M14-2 5/8"-11	✓	✓	6000	Medium

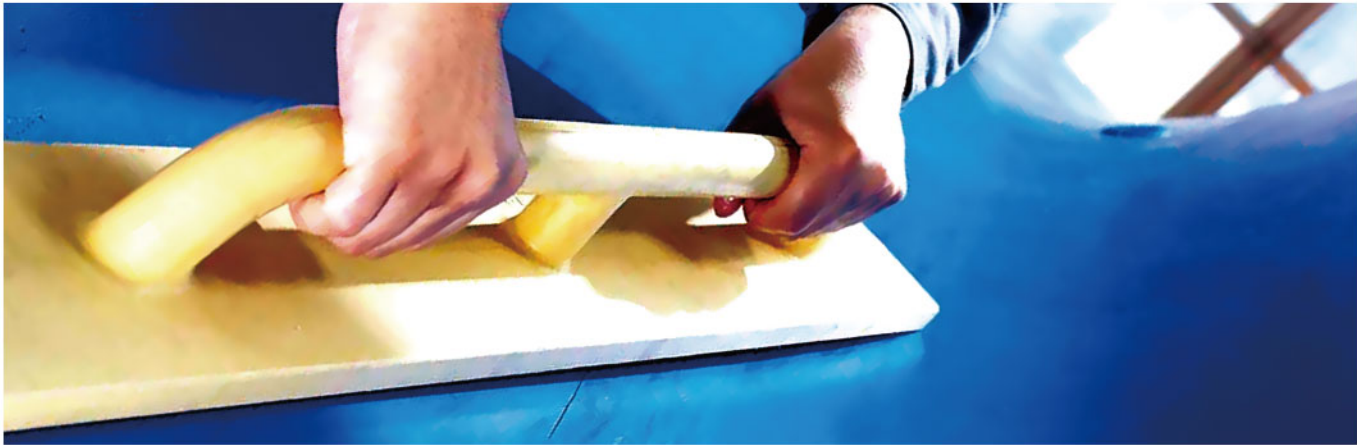


# Fine Polishing Tools

## Hard Polishing Pads



Our numerous products realize superior quality from rough polishing to fine polishing.



Matrial: PU Description: light and high quality  
Face: VELCRO & PSA Size: 70\*198mm , 66\*122mm , 66\*140mm

### Rectangle handle velcro hand sanding block

PU is the most popular material for block.This one is light and hard.Reliable Velcro and ergonomic design for comfortable control  
These blocks are easy to hold and can be used with regular sandpaper. Hand sanding abrasive products get the job done right the first time, with abrasive for virtually any application.  
Mshine hand sanding blocks are especially designed for hand sanding with sanding paper and foam pads, but can also be used in combination with other hook& loop products..  
Ergonomic, well-balanced design fits perfectly in your hand to reduce user fatigue, so youll be able to sand longer and more efficiently.Soft, flexible grip sanding block with hook and loop holding system.



Matrial: PU Description: high quality  
Face: VELCRO & PSA Size: 3" 3.5" 5"

### Hand Pads for round abrasive discs

Can be used for grinding of sand paper, also can cooperate with cushions for manual wax.Variou size of hand grinding block, shape design respect manual use comfort requirements, and use soft foaming material to be made



Matrial: PU Description: light and high quality  
Face: VELCRO & PSA Size: 5" 6"

### Human engineering Hand sanding Block

Its a perfect block for sanding. Reliable Velcro and ergonomic design for comfortable con  
These blocks are easy to hold and can be used with regular sandpaper. Hand sanding abrasive products get the job done right the first time, with abrasive for virtually any application.  
Mshine hand sanding blocks are especially designed for hand sanding with sanding paper and foam pads, but can also be used in combination with other hook& loop products.  
Ergonomic, well-balanced design fits perfectly in your hand to reduce user fatigue, so youll be able to sand longer and more efficiently.Soft, flexible grip sanding block with hook and loop holding system.  
Ergonomically, designed to allow for maximum gripping power with a comfort grip.  
Allow great flap sanding to complex curved surfaces and body lines.  
The hook and loop face works well with hook and loop sheets.



### Dust absorbing hand sanding pad

Advantage:  
Move the blot by touching the work-piece directly  
Accord with the human body engineering.  
Light  
The improved system of flexible pipe for sucking  
Control the intake by install special valve

Tip: Please prepare ash barrel for the great quantity of sucking.Application

Application  
fillers polishing, welding  
polishing  
fillers polishing  
Wood polishing  
Paint polishing



## Industrial Powerful Wire Brush





Pegatec Offer High Quality Wire Brush Which Is Used To Polish All Kinds Of Materials



Product Advantages

- Special wire (tempering wire) is more flexible and anti-fatigue,have a longer life
- wire distributed evenly and firmly,result in increasing the concentricity
- The brush body and wire work in coordination to get the optimal level
- More competitive price

How To Find Suitable Wire Brush?

1 Raw Material Selection

Firstly,choose the right raw material in addition to application. There are 3 colors for you to choose.

Steel Wire	Gray
Stainless Steel Wire	Blue
Nylon(sic)	Red

2 Type Selection

These are 3 types with different effectfor you choose. Types as follows: Filaments corrugated type,Multiple junction type,Drain the wire type

3 Tools Selection

Choose suitable tool  
Professional steel wire brush is mainly used for

- BARRING  
especially for Secondary Burr Result of Milling,Grinding,Turnery,Hole Drilling.
- SURFACE FINISH  
Cleaning  
Rust Removing,Dirt Removing  
Weld Joint Removing  
cleaning ,Painting Removing  
inferior Smooth Polishing,fine finishing  
Rough Machining,Grain Grinding  
Grinding (By sic)
- SUITABLE DRIVE TOOL  
Hand-hold Tool  
Electric Drill  
Mini Grinding tool  
Angle grinder,aerodynamic angle grinder

Cup Brushes



- Industrial brushes used in surface-treatment of metal, mainly aspects as below:  
Rough machining of surface(polish, pull rough, rust clearance)
- clear of surface(dirt reduce, oil relieve) Finishing of surface(mill, gloss marking, polish).
- Cup brush ideal for brushing larger surfaces Good price/performance ratio.  
Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98101	65x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98102	75x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98103	85x24	M10/M14/5/8"-11	8500	0.30/0.35	100	42x34x37.5
PE98104	100x27	M10/M14/5/8"-11	8500	0.30/0.35	50	53x22x44
PE98105	125x30	M10/M14/5/8"-11	6500	0.30/0.35	30	45x27.5x40
PE98106	150x24	M10/M14/5/8"-11	4500	0.30/0.35	24	49x33x19

Twisted Knot Cup Brushes



- Area of application generally and particularly: de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Aggressive tools for heavy cleaning jobs on flat surfaces.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98201	65x22	M10/M14/5/8"-11	12500	0.50	80	42x34x30
PE98202	75x24	M10/M14/5/8"-11	8500	0.50	80	42x34x30
PE98203	85x24	M10/M14/5/8"-11	8500	0.50	80	42x34x30
PE98204	90x24	M10/M14/5/8"-11	8500	0.50	40	53x22x35
PE98205	100x26	M10/M14/5/8"-11	7000	0.50	40	53x22x35
PE98206	125x26	M10/M14/5/8"-11	6500	0.50	30	45x27.5x40
PE98207	150x26	M10/M14/5/8"-11	4500	0.50	18	48.5x33x27.5

Twisted Knot Bowl Brushes



- Area of application generally and particularly: de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Aggressive tools for heavy cleaning jobs on flat surfaces.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio.  
Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98301	65x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98302	75x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98303	85x25	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98304	100x27	M10/M14/5/8"-11	8500	0.30/0.35	50	53x22x44
PE98305	125x30	M10/M14/5/8"-11	6500	0.30/0.35	30	45x27.5x40
PE98306	150x32	M10/M14/5/8"-11	4500	0.30/0.35	18	48.5x33x27.5





Pegatec Offer High Quality Wire Brush Which Is Used To Polish All Kinds Of Materials



Product Advantages

- Special wire (tempering wire) is more flexible and anti-fatigue,have a longer life
- wire distributed evenly and firmly,result in increasing the concentricity
- The brush body and wire work in coordination to get the optimal level
- More competitive price

How To Find Suitable Wire Brush?

1 Raw Material Selection

Firstly,choose the right raw material in addition to application. There are 3 colors for you to choose.

Steel Wire	Gray
Stainless Steel Wire	Blue
Nylon(sic)	Red

2 Type Selection

These are 3 types with different effectfor you choose. Types as follows: Filaments corrugated type,Multiple junction type,Drain the wire type

3 Tools Selection

Choose suitable tool  
Professional steel wire brush is mainly used for

- BURRING  
especially for Secondary Burr Result of Milling,Grinding,Turnery,Hole Drilling.
- SURFACE FINISH  
Cleaning  
Rust Removing,Dirt Removing  
Weld Joint Removing  
cleaning ,Painting Removing  
inferior Smooth Polishing,fine finishing  
Rough Machining,Grain Grinding  
Grinding (By sic)
- SUITABLE DRIVE TOOL  
Hand-hold Tool  
Electric Drill  
Mini Grinding tool  
Angle grinder,aerodynamic angle grinder

Cup Brushes



- Industrial brushes used in surface-treatment of metal, mainly aspects as below:  
Rough machining of surface(polish, pull rough, rust clearance)
- clear of surface(dirt reduce, oil relieve) Finishing of surface(mill, gloss marking, polish).
- Cup brush ideal for brushing larger surfaces Good price/performance ratio.  
Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98101	65x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98102	75x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98103	85x24	M10/M14/5/8"-11	8500	0.30/0.35	100	42x34x37.5
PE98104	100x27	M10/M14/5/8"-11	8500	0.30/0.35	50	53x22x44
PE98105	125x30	M10/M14/5/8"-11	6500	0.30/0.35	30	45x27.5x40
PE98106	150x24	M10/M14/5/8"-11	4500	0.30/0.35	24	49x33x19

Twisted Knot Cup Brushes



- Area of application generally and particularly: de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Aggressive tools for heavy cleaning jobs on flat surfaces.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98201	65x22	M10/M14/5/8"-11	12500	0.50	80	42x34x30
PE98202	75x24	M10/M14/5/8"-11	8500	0.50	80	42x34x30
PE98203	85x24	M10/M14/5/8"-11	8500	0.50	80	42x34x30
PE98204	90x24	M10/M14/5/8"-11	8500	0.50	40	53x22x35
PE98205	100x26	M10/M14/5/8"-11	7000	0.50	40	53x22x35
PE98206	125x26	M10/M14/5/8"-11	6500	0.50	30	45x27.5x40
PE98207	150x26	M10/M14/5/8"-11	4500	0.50	18	48.5x33x27.5

Twisted Knot Bowl Brushes



- Area of application generally and particularly: de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Aggressive tools for heavy cleaning jobs on flat surfaces.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio.  
Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxL <sub>MM</sub>	Thread	Ram.max	Filittypes <sub>MM</sub>	Qty	Ctn.Size <sub>CM</sub>
PE98301	65x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98302	75x24	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98303	85x25	M10/M14/5/8"-11	12500	0.30/0.35	100	42x34x37.5
PE98304	100x27	M10/M14/5/8"-11	8500	0.30/0.35	50	53x22x44
PE98305	125x30	M10/M14/5/8"-11	6500	0.30/0.35	30	45x27.5x40
PE98306	150x32	M10/M14/5/8"-11	4500	0.30/0.35	18	48.5x33x27.5





Circular Brushes



- Rough machining of surface(polish, pull rough, rust clearance) Cleaning of surface (dirt reduce, oil relieve) Finishing of surface(Mill, gloss marking ,polish).
- Can be used universally on all kinds of application(tube, corners, angles) Good surface finish, especially smaller Good price/performance ratio.

Table with 6 columns: EAN-Code, Dx BxCxL, Rpm.max, Filltypes, Qty, Ctn.Size

Circular Wire Brushes



- Rough machining of surface(polish, pull rough, rust clearance) Cleaning of surface (dirt reduce, oil relieve) Finishing of surface(Mill, gloss marking ,polish).
- Can be used universally on all kinds of application(tube, corners, angles) Good surface finish, especially smaller Good price/performance ratio.

Table with 7 columns: EAN-Code, DxL, Thread, Ram.max, Filltypes, Qty, Ctn.Size

Twisted Knot Wire Brushes With Thread



- Can be used universally on all kinds of application(tube, corners, angles) Good surface finish, especially smaller Good price/performance ratio.
- Large diameter brushes for heavier application. Smaller diameters brushes for liner application. Good price/performance ratio.

Table with 7 columns: EAN-Code, Dx BxL, Thread, Ram.max, Filltypes, Qty, Ctn.Size

Twisted Knot Wire Brushes



- Can be used universally on all kinds of application(tube, corners, angles) Good surface finish, especially smaller Good price/performance ratio.
- Large diameter brushes for heavier application. Smaller diameters brushes for liner application. Good price/performance ratio.

Table with 6 columns: EAN-Code, Dx BxCxL, Rpm.max, Filltypes, Qty, Ctn.Size

Bevel Brush



- Area of application generally and particularly: roughening, de-burring, removing lacquer, de-scaling, de-polishing, cleaning. Brushes for versatile use in heavy cleaning applications. Due to their shape these brushes are ideal for brushing hard-to-reach areas.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio. Uniform brushing, even in difficult-to-reach areas.

Table with 7 columns: EAN-Code, DxL, Thread, Ram.max, Filltypes, Qty, Ctn.Size

Twisted Knot Bevel Brushes



- Area of application generally and particularly: de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Aggressive tools for heavy cleaning jobs on flat surfaces.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio. Uniform brushing, even in difficult-to-reach areas.

Table with 7 columns: EAN-Code, DxL, Thread, Ram.max, Filltypes, Qty, Ctn.Size



# Industrial Powerful Wire Brush

PEGATEC SERIES



## Circular Brushes



- Area of application generally and particularly:De-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. For removing burrs, rust, cinder, scale, paint, excess rubber, residues of combustion and other heavy contamination in hard-to-reach areas and internal surfaces.
- For difficult-to-reach areas. Steady brushing. Ideal for medium force brushing.

EAN-Code	D1xL1xSxL MM	Rpm.max	Filltypes MM	Qty	Ctn.Size CM
PE981001	12x65x6x25	4500	0.30/0.35	1500	57x33x36
PE981002	15x68x6x27	4500	0.30/0.35	1000	57x33x36
PE981003	19x65x6x25	4500	0.30/0.35	500	52x30x40
PE981004	24x68x6x27	4500	0.30/0.35	480	56x30x40
PE981005	28x68x6x22	4500	0.30/0.35	300	56x30x40

## Shaft-Cup Brushes



- Area of application generally and particularly:De-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Brush with medium fill density, for cleaning jobs such as removing paint, rust, scale, incrustations and burrs-with efficient brushing results.
- Cup brush ideal for brushing larger surfaces Good price/performance ratio. Uniform brushing, even in difficult-to-reach areas.

EAN-Code	DxSxL MM	Rpm.max	Filltypes MM	Qty	Ctn.Size CM
PE981101	50x6x15	4500	0.30/0.35	200	53x31x17
PE981102	63x6x18	4500	0.30/0.35	300	53x31x42
PE981103	75x6x21	4500	0.30/0.35	200	53x31x42
PE981104	100x6x23	4500	0.30/0.35	160	53x31x42

## Shaft-Wheel Brushes



- Area of application generally and particularly:de-burring, removing lacquer, de-rusting, removing slag, de-scaling, cleaning. Brush with medium fill density for cleaning jobs such as removing paint rust, scale incrustations and burrs-with efficient brushing results.
- For difficult-to-reach areas (holes, tubes)  
Steady brushing  
Knotted wire for heavy brushing, crimped wire for normal brushing.  
Ideal for medium force brushing.

EAN-Code	DxSxL MM	Rpm.max	Filltypes MM	Qty	Ctn.Size CM
PE981201	38x6x10	4500	0.30/0.35	740	53x31x17
PE981202	50x6x10	4500	0.30/0.35	720	53x31x17
PE981203	63x6x13	4500	0.30/0.35	400	53x31x17
PE981204	75x6x16	4500	0.30/0.35	280	53x31x17
PE981205	100x6x22	4500	0.30/0.35	250	54x31x42



## Diamond Blades





Technical Information

The use of diamond blades is rapidly growing as people become increasingly more knowledgeable and experienced, demanding better \_ nishes and faster results. With an in depth knowledge of the construction and building industry Flexovit provides a range of diamond blades to meet any demand. All Flexovit diamond blades conform to the highest European safety standard, EN13236, which ensures that all products are manufactured and tested to the highest quality. All Flexovit products are laser-marked in accordance with the requirements of EN13236.

APPLICATION

Where greater differentiation of products by application is needed, this is done through colour coding.



Table with 3 columns: Diameter(mm), Max m/s, Max RPM. Rows include diameters from 105 to 350mm and corresponding speed limits.

PERSONAL PROTECTION



Never exceed the Maximum Operating Speeds:
Hand held blades Φ ≤230mm : 80m/s
Hand held blades Φ > 230mm : 100m/s
Others : 63m/s

Table with 2 columns: SAFETY ADVICE-DON'TS. Rows list various safety warnings such as 'DON'T Allow untrained people to use abrasives', 'DON'T Use a product that is damaged or one which has been dropped', etc.

Table with 2 columns: SAFETY ADVICE-DO'S. Rows list various safety instructions such as 'DO Read the safety instructions provided by the abrasives and equipment supplier', 'DO Store abrasives in dry frost free conditions avoiding wide variations in temperature', etc.

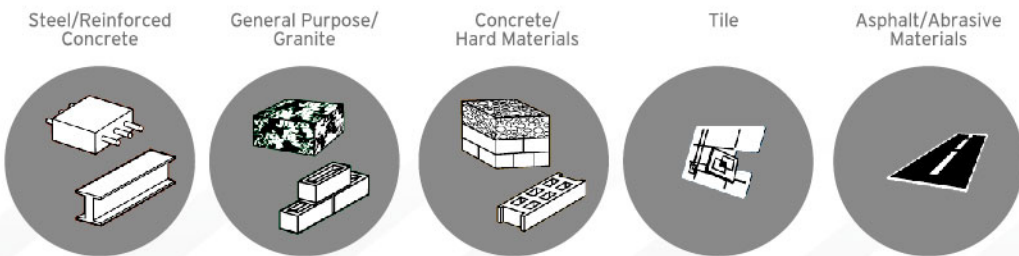
TROUBLE SHOOTING

Table with 2 columns: Cause, Solution. Rows address issues like 'Diamond blade does not cut', 'Excessive wear', and 'Cracking of steel centre'.

Table with 2 columns: Cause, Solution. Rows address issues like 'Loosening or cracking of segments' and 'Scorching of segments'.

Table with 2 columns: Cause, Solution. Rows address issues like 'Undercutting'.

APPLICATION COLOUR KEY







Turbo Diamond Cutting Wheels



- Material:  
Special wheel for roof coverings such as baked roofing tiles, concrete roofing tiles, natural or artificial slate, wave shaped eternity, fiberglass-reinforced resin, soft stones, glazed construction materials, glazed construction materials.
- Application:  
Cutting of roofing pantiles, steps, stone-window-sills, structural plaster, moulded bricks, tiles, clinker, quarter bricks, lime stones.
- Characteristics:  
Wheel with profiled continuous rim in sinter binding with short cutting times and long life. Cooling holes enable easy working. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	7.0/10.0	2.2	20/16	1
115	7.0/10.0	2.2	22.23/20	1
125	7.0/10.0	2.2	22.23/20	1
180	7.0/10.0	2.4	22.23/20	1
230	7.0/10.0	2.6	22.23/20	1

Other sizes are available upon request.

Segment Diamond Cutting Wheels



- Material:  
Universal wheel for concrete, old reinforced concrete slabs, roofing pantiles, granite, natural slabs, roofing pantiles, granite, natural stones, pumice stones, lime stones, structural plaster, concrete tiles, bricks linker.
- Application:  
Cutting of bricks, slabs, clinker, moulded bricks, steps, stone-window-sills, roof coverings, structural plaster, concrete tiles.
- Characteristics:  
The very high diamond concentration enables very short cutting time with excellent life as well as shorter cooling breaks. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	7.0/10.0	2.2	20/16	1
115	7.0/10.0	2.2	22.23/20	1
125	7.0/10.0	2.2	22.23/20	1
180	7.0/10.0	2.4	22.23/20	1
230	7.0/10.0	2.6	22.23/20	1

Other sizes are available upon request.

Continuous Diamond Cutting Wheels



- Material:  
Special wheels for all types of titles, ceramics, porcelain, clinker, quarter bricks and natural stones.
- Application:  
Cutting of clinker, moulded bricks, step, stone-window-sills, roof-coverings, floor slabs.
- Characteristics:  
Wheel with continuous rim. The high amount of fine-grained diamonds avoids breaks on the cutting edges of the titles. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	5.0	2.2	20/16	1
115	5.0	2.2	22.23/20	1
125	5.0	2.2	22.23/20	1
180	5.0	2.4	22.23/20	1
230	5.0	2.6	22.23/20	1

Other sizes are available upon request.

Turbo Diamond Cutting Wheels



- Material:  
Special wheel for roof coverings such as baked roofing tiles, concrete roofing tiles, natural or artificial slate, wave shaped eternity, fiberglass-reinforced resin, soft stones, glazed construction materials, glazed construction materials.
- Application:  
Cutting of roofing pantiles, steps, stone-window-sills, structural plaster, moulded bricks, tiles, clinker, quarter bricks, lime stones.
- Characteristics:  
Wheel with profiled continuous rim in sinter binding with short cutting times and long life. Cooling holes enable easy working. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	7.0/10.0	2.2	20/16	1
115	7.0/10.0	2.2	22.23/20	1
125	7.0/10.0	2.2	22.23/20	1
180	7.0/10.0	2.4	22.23/20	1
230	7.0/10.0	2.6	22.23/20	1

Segment Diamond Cutting Wheels



- Material:  
Universal wheel for concrete, old reinforced concrete slabs, roofing pantiles, granite, natural slabs, roofing pantiles, granite, natural stones, pumice stones, lime stones, structural plaster, concrete tiles, bricks linker.
- Application:  
Cutting of bricks, slabs, clinker, moulded bricks, steps, stone-window-sills, roof coverings, structural plaster, concrete tiles.
- Characteristics:  
The very high diamond concentration enables very short cutting time with excellent life as well as shorter cooling breaks. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	7.0/10.0	2.2	20/16	1
115	7.0/10.0	2.2	22.23/20	1
125	7.0/10.0	2.2	22.23/20	1
180	7.0/10.0	2.4	22.23/20	1
230	7.0/10.0	2.6	22.23/20	1

Continuous Diamond Cutting Wheels



- Material:  
Special wheels for all types of titles, ceramics, porcelain, clinker, quarter bricks and natural stones.
- Application:  
Cutting of clinker, moulded bricks, step, stone-window-sills, roof-coverings, floor slabs.
- Characteristics:  
Wheel with continuous rim. The high amount of fine-grained diamonds avoids breaks on the cutting edges of the titles. Dry and wet cutting.

Dimension	Height	Thickness	Bore	PK Qty
MM	MM	MM	MM	
105	5.0	2.2	20/16	1
115	5.0	2.2	22.23/20	1
125	5.0	2.2	22.23/20	1
180	5.0	2.4	22.23/20	1
230	5.0	2.6	22.23/20	1





Turbo Diamond Cup Wheels



- Material:  
For concrete, granites, marbles, natural stone, lime stone, pumice.
- Application:  
Grinding of stone mason products, stairs, edges of tiles, base for tiles and paint.
- Characteristics:  
The hard binding of the segments guarantees excellent life, less heat generation; faster drill speed, less chipping, very aggressive, segmented design.

Dimension	Height	Segment	Bore	PK Qty
MM	MM	NO.	MM	
100	5.0x7.0x30	24	20/16	1
115	5.0x7.0x30	24	22.23/20	1
125	5.0x7.0x30	28	22.23/20	1
180	5.0x7.0x37	32	22.23/20	1
230	5.0x7.0x37	36	22.23/20	1

Other sizes are available upon request.

Single Row Diamond Cup Wheels



- Material:  
Concrete, masonry, brick, block, lime stone, high abrasives products such as sand stone.
- Application:  
For general application grinding and polishing stone mason products, stairs, edges of tiles, base for tiles and paint.
- Characteristics:  
The very high diamond concentration enables excellent long life, good grinding function, high efficiency and quality, suitable.

Dimension	Height	Segment	Bore	PK Qty
MM	MM	NO.	MM	
100	5.0x8.0x30	8	20/16	1
115	5.0x8.0x30	9	22.23/20	1
125	5.0x8.0x30	10	22.23/20	1
180	5.0x8.0x37	12	22.23/20	1
230	5.0x8.0x37	14	22.23/20	1

Other sizes are available upon request.

Double Row Diamond Cup Wheels



- Material:  
All nature stones, artificial stones, concrete, concrete product, floor and wall coatings, ceramics, porcelain.
- Application:  
Grinding of stone mason products, stairs, edges of tiles, base for tiles and paint.
- Characteristics:  
Robust cup wheel with double row segments. The DSTK cup is filled with synthetic resin between the segments up to the same level. This enables freehand face grinding

Dimension	Height	Segment	Bore	PK Qty
MM	MM	NO.	MM	
100	5.0x8.0x30	16	20/16	1
115	5.0x8.0x30	18	22.23/20	1
125	5.0x8.0x30	20	22.23/20	1
180	5.0x8.0x37	24	22.23/20	1

Other sizes are available upon request.

After numerous testing and using, we think the following products can reduce operator's health risk.



Yellow Header Safety Mask Series



- PC and PVC face shields are armed with the reinforced aluminum barrim, also can be used the face shield
- Safety face shield series is characterized by agile structure comfortable wear, complete varieties, novel design, strong
- Protection performance, high temperature resistance, acid-alkali resistance, etc, which are mostly applied to metal foundry, mechanical industry, polishing mining, chemical industry, paint an so on

PEF-003

PACKING	PCS/CTN	CARTON SIZE	G.W/N.W
Plastic Bag	24	59x38x56cm	18/14kg

Transparent Header Safety Mask Series



- PC and PVC face shields are armed with the reinforced aluminum barrim, also can be used the face shield
- Safety face shield series is characterized by agile structure comfortable wear, complete varieties, novel design, strong
- Protection performance, high temperature resistance, acid-alkali resistance, etc, which are mostly applied to metal foundry, mechanical industry, polishing mining, chemical industry, paint an so on

PEF-102

PACKING	PCS/CTN	CARTON SIZE	G.W/N.W
Plastic Bag	40	48x43.5x49.5cm	15/14kg



Splash-Proof Brown Safety Goggle Series



- Integrated encircling type design gives flank protection, shows elegance and correctness
- The length of temple can be adjusted in 4 different positions, temple line can be added for easier and safer use
- Resists scratch and static, absorbs over 99.9% harmful UV
- Lenses can be conducted the coating treatment including filming, fog resistance, enhancement, etc., to satisfy different working conditions

PEF-012

PACKING	PCS/CTN	CARTON SIZE	G.W/N.W
Plastic Bag	200	48x32x50cm	12/10kg
Swathe Card	200	48x32x50cm	12/10kg

Filler Mask Series



- Large-size comfortable active carbon high-filtration respirator with breathing
- Valve unidirectional exhalation function of "only out"
- Adapts for high-temperature, high-humidity and foggy sites, specially good for manual works, it can soundly obstruct low-toxicity gas, filter organic gas, sour odor and fine dust

PEF-022-B

PACKING	PCS/CTN	CARTON SIZE	G.W/N.W
Color Box	1000	65x27x63cm	8/7kg

Common Use Mask



- Large-size comfortable active carbon high-filtration respirator with breathing
- Valve unidirectional exhalation function of "only out"
- Adapts for high-temperature, high-humidity and foggy sites, specially good for manual works, it can soundly obstruct low-toxicity gas, filter organic gas, sour odor and fine dust

PEF-028-B

PACKING	PCS/CTN	CARTON SIZE	G.W/N.W
Color Box	1000	65x27x43cm	7/6kg

Although PEGATEC always for high requirements of quality and process, but if users choose wrong application, resulting in reduced efficiency, driving tool selected measurement errors, crisis management for using and avoid security risks. In order to solve the above problems, PEGATEC provide the following information seller to user. Reading carefully, you will obtain more than 90% solutions.

Cutting And Grinding Recommended Practice

- Arrange the workpiece so that a uniform section can be cut
- Cutting Plates

**NO** **YES**

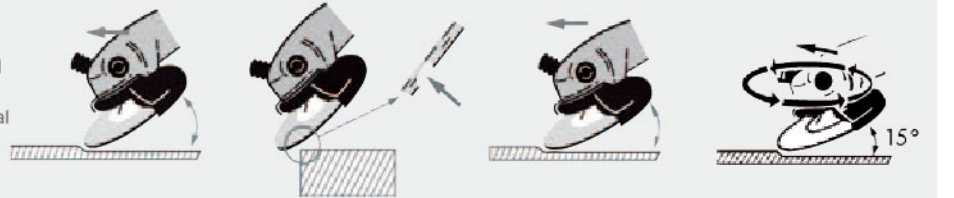
- Cutting Square Material

**NO** **YES**

- Cutting Proximate Matter

GRINDING Rough Work

- Do not use a cutting-off wheel for snagging
- Do not work with the side of a wheel, you will cut the reinforcing cloths
- Work at angle of 10 to 30° with a longitudinal action



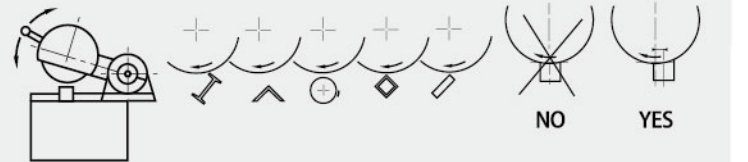
GRINDING Finishing Work

- Angle of work 15°
- Rotary action

FIXED MACHINE

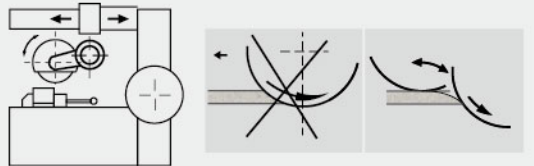
DOWNSTROKE HEADS

- Lay out the shape parts in order to have a constant section
- Avoid any wedging of the grinding wheel
- Make sure the wheel is cleared



AUTOMATIC FEED

- In the case of thick parts, use the reciprocating motion of the carriage

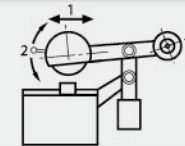


OSCILLATING HEADS

OPERATING MODE

- 1 - Oscillating
- 2 - Cutting-off

- Do not use this type of machine with a downstroke action



METAL RING WITH VALIDITY DATE

V=VALIDITY DATE(PRODUCTION QUARTER+3YEAR)

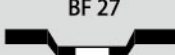

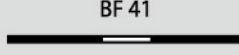
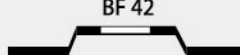


	V01	V04	V07	V10
	1st quarter	2nd quarter	3rd quarter	4th quarter
Example: V04/2012 indicates production in the 2nd quarter of 2009 and advised usage before the 2nd quarter of 2012				





SHAPE SPECIFICATION SYSTEM

			
Depressed centre grinding wheels. Available in diameters 76-230mm for hand-held machines	Depressed centre grinding wheels. Available in diameters 115mm & 125mm for hand-held machines	Flat cutting-off wheels. Available in diameters 40-400mm for hand-held machines & 250-400mm for stationery machines	Depressed centre cutting-off wheels. Available in diameters 76-230mm for hand-held machines
Application: grinding	Application: grinding	Application: cutting-off	Application: cutting-off

CUTTING-OFF WHEELS

WHEEL DOES NOT CUT	
Cause	In case of blue cutting: wheel too hard or too thick
Solution	Use softer or Norton Thin Cut wheels, check peripheral speed
Cause	Peripheral speed too low
Solution	Increase rpm up to max. (80m/sec)
EXCESSIVE WEAR	
Cause	In case of white cutting edge: wheel too soft
Solution	Use harder wheel
Cause	Operating speed too low
Solution	Increase rpm up to max (80m/sec)
Cause	Decrease of rpm during cutting
Solution	Use machine with more power, reduce pressure on the machine
CRUMBLED WHEEL EDGE	
Cause	Cutting-off wheel used for grinding operations
Solution	Use a grinding wheel for grinding operations
Cause	Workpiece is moving
Solution	Clamp the workpiece properly
Cause	Too much side-pressure
Solution	Add only the radial pressure to the wheel
ARBOR HOLE OR CENTRE BREAK OUT	
Cause	Wheel sticks in the workpiece/material
Solution	Use more radial pressure & swing the wheel forwards and backwards
Cause	Cutting-off wheel used for grinding operations
Solution	Use a grinding wheel for grinding operations
Cause	Too much side pressure
Solution	Add only the radial pressure to the wheel
Cause	Different diameter top/bottom dange
Solution	Use flanges with the same diameter

GRINDING WHEELS

WHEEL DOES NOT CUT	
Cause	Wheel too hard, wheelglazing
Solution	Use softer wheel
Cause	Not enough pressure
Solution	Increase pressure
Cause	Machine power too low
Solution	Use machine with more power
Cause	Loading & wheelglazing (non-ferrous)
Solution	Use Norton Alu wheels which counteract loading & wheelglazing
EXCESSIVE WHEELWEAR	
Cause	Wheel too soft
Solution	Use harder wheel
Cause	Too much pressure
Solution	Reduce pressure, let the wheel do the grinding
Cause	Decrease of peripheral speed
Solution	Use machine with more power, reduce pressure on the machine
Cause	Too low peripheral speed
Solution	Max. 80m/sec is optimum speed
CRUMBLED WHEEL EDGE	
Cause	Grinding angle too flat
Solution	Change angle to 30 - 40°
Cause	Workpiece is moving
Solution	Clamp the workpiece properly
Cause	Too much pressure
Solution	Reduce pressure, let the wheel do the grinding
CRACKS ON THE BOTTOM OF THE WHEEL	
Cause	Contact area too large
Solution	Reduce contact area
Cause	Too much pressure
Solution	Reduce pressure, let the wheel do the grinding
UNBALANCE	
Cause	Dirty flanges
Solution	Clean flanges
Cause	Wheel mounting insecure
Solution	Tighten flanges
Cause	Flanges with different diameter
Solution	Replace flanges





DOs

✓	DO Always handle & store wheels carefully. Cutting-off wheels should be stacked horizontally & flat, preferably on a steel base plate. Depressed centre wheels should be placed on top of each other or stored in the original packaging
✓	DO Always visually inspect all wheels before mounting for possible damage in transit
✓	DO Always use a safety guard & ensure that it is correctly positioned & securely fitted. It should cover at least one half of the wheel & protect the operator in the unlikely event of a wheel breakage. NON-REINFORCED CUTTING-OFF WHEELS SHOULD ONLY BE USED ON FIXED MACHINES & SHOULD BE CORRECTLY GUARDED.
✓	DO Always switch 'OFF' the power at supply source &/or remove the plug from the socket before changing the wheel
✓	DO Always ensure that the spindle speed of the machine does not exceed the operating speed marked on the wheel
✓	DO Always use the correct wheel mounting flanges & ensure that they are undamaged, clean & free from burrs
✓	DO SEE EN 12413
✓	DO Allow newly mounted wheels to run at operating speed, with the guard in place, for a reasonable time before cutting or grinding
✓	DO Always wear EYE PROTECTION
✓	DO Always wear appropriate safety clothing such as DUST MASK, GLOVES, EAR PROTECTION, OVERALLS & SAFETY SHOES
✓	DO Always have machine speeds checked regularly, especially after maintenance or repair. Machines fitted with speed control devices (Governors), must be properly maintained at all times
✓	DO Check tension of driving belts, where fitted, on a regular basis. Belts must be kept tight to ensure full power transmission.
✓	DO Always secure the workpiece firmly while it is being cut or ground
✓	DO Put portable machines in suitable cradles, when not being used, to avoid damage to the wheel
✓	DO Always use a portable machine in a comfortable position, where the workpiece is well balanced & the machine is well supported
✓	DO Grind at an angle above 30 degrees to the workpiece with a depressed centre grinding wheel
✓	DO Keep the working area around cutting & grinding operations clear. It is very dangerous if an operator trips & falls with an operating machine in his hands



DON'Ts

✗	DON'T Handle wheels roughly
✗	DON'T Use non-reinforced cutting-off wheels on portable machines
✗	DON'T Store wheels in a damp atmosphere or in extreme temperatures
✗	DON'T Mount a damaged wheel
✗	DON'T Tighten the mounting nut or locking flange excessively. To do so can distort the flanges
✗	DON'T Force a wheel onto a machine spindle
✗	DON'T Use mounting fanges which are incorrect, damaged, dirty or burred
✗	DON'T Use blotters with depressed centre wheels less than or equal to 406mm (EN 12413)
✗	DON'T Use a machine which is not in good mechanical condition
✗	DON'T Use a machine without a wheel guard
✗	DON'T Use wheels without proper ventilation or dust protection equipment
✗	DON'T Apply side pressure to cutting-off wheels. You should not bend the wheel
✗	DON'T Stop the wheel by applying pressure to the periphery or face. Always switch the machine off & allow the wheel to stop revolving
✗	DON'T Allow the wheel to be trapped or pinched in the cut
✗	DON'T Apply excessive pressure onto the wheel so that the driving motor slows down
✗	DON'T Grind on the side of cutting-off wheels or depressed centre wheels below 4,0mm thickness
✗	DON'T Drop or lower a portable machine by the cable or airline onto the floor. A wheel can be easily cracked, if it is put down hard, by the weight of the machine. This is a common cause of wheel breakage
✗	DON'T Grind with a depressed centre grinding wheel at an angle below 30 degrees to the workpiece
✗	DON'T Use a machine in a position where you do not have full control of the machine & you are not well balanced