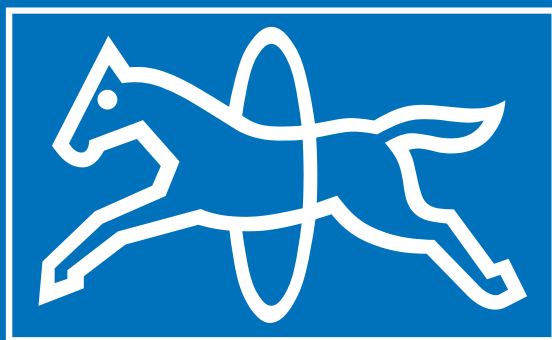


PFERD Australia Pty Ltd.
Australian Product Guide

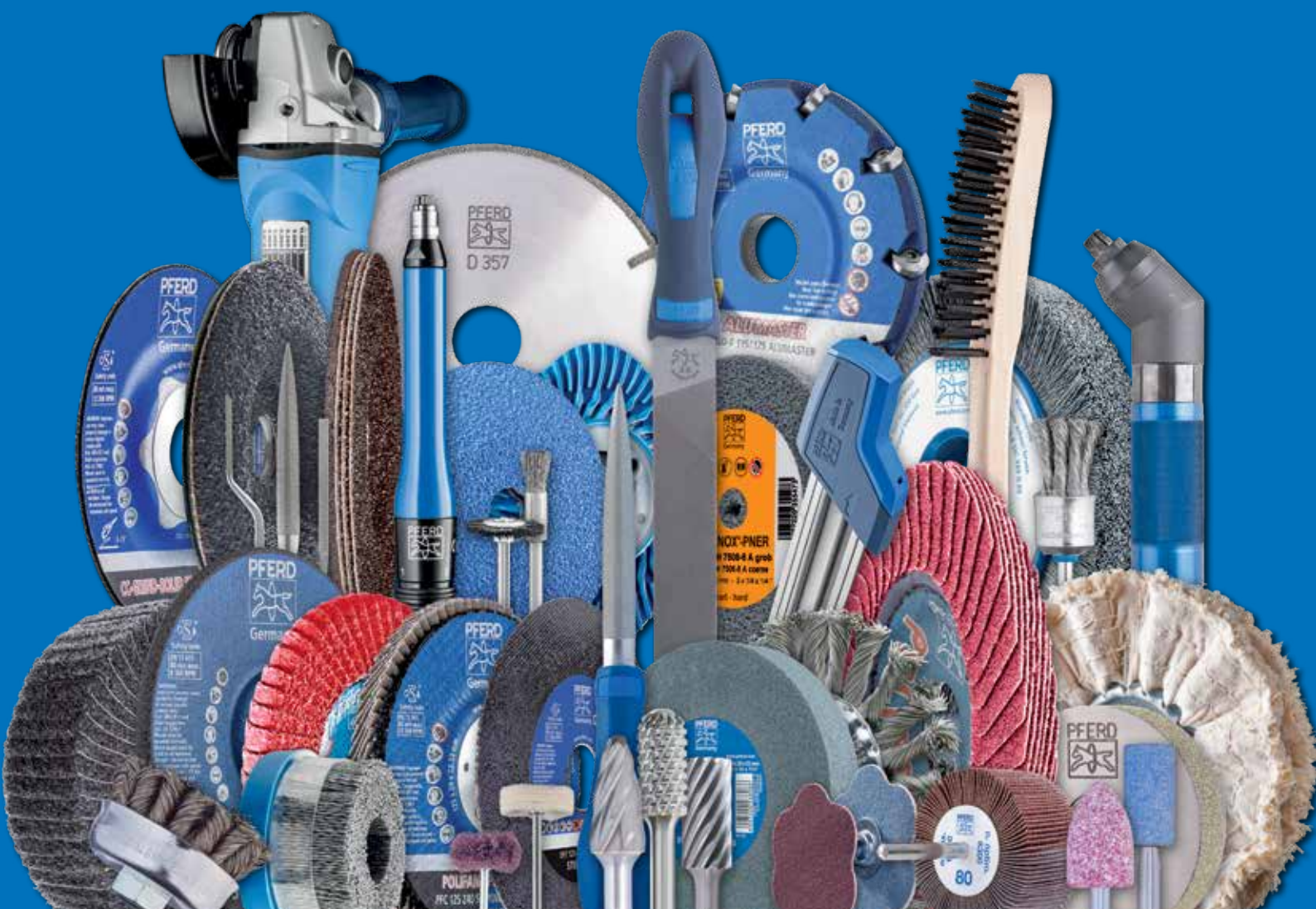
Prices effective 15th February 2021

2021

PFERD



www.pferd.com.au



Cutting

Grinding

Milling

Filing

Brushing

Polishing

Deburring

Finishing





Welcome to PFERD Australia's 2021 Australian Product Guide. Featuring a range of over 3,800 products that offer quality solutions for surface finishing and the cutting of materials. Products suit tradespeople, automotive, construction, manufacturing and much more.

PFERD Australia is one of Australia's leading manufacturers and suppliers of abrasives. Servicing Australia for over 35 years. A German family owned company with an amazing history spanning over 200 years is the principal brand for the development, production, support and distribution of abrasive products.

We are recognized for our depth of range, trusted for our quality products and sought after for our service and technical know-how. Operating with sustainability in mind and responsible use of all resources make PFERD a dependable and reliable trading partner.

Our global product range includes more than 8,500 products for differing applications, with over 95% of the range manufactured by PFERD production plants around the world. A brand that sets a benchmark for product quality and performance, with applications from cutting, grinding, brushing, milling, filing, polishing, cleaning to deburring, rust removal and much more.

As Australia's most trusted abrasives supplier, we recognize the importance of providing quality abrasives to our users. PFERD products are OSA (Organisation for the Safety of Abrasives) approved and comply with Australian standards, offering you the greatest level of safety and peace of mind.

Workers around the world trust in the blue and choose PFERD. The combination of individual consultation, innovative high-performance products, and on-site experience, have made PFERD into a recognized brand for quality abrasives. Our team of technical experts is here to help. Staff is dedicated to providing a great product, personal contact, valuable solutions and building long-term relationships.

PFERDERGONOMICS and **PFERDEFFICIENCY** - A focus on people

The manufacturing process of our products from research and development to production is focused on the end user. PFERD feels there is a duty of care to provide products that offer increased safety.

The **PFERDERGONOMICS** programme aims at the long-term reduction of dust, noise and vibration levels produced by abrasive products. To increase the safety in use and the user's comfort, even under tough working conditions.

PFERDEFFICIENCY offers innovative high-performance product solutions with outstanding added value. This achieves great results in the shortest time and saves on energy and reduces costly waste, improves end user productivity and cost savings.

Safety is crucial when working with abrasive products and PFERD is your partner for safe tools that meet all the requirements of national and international laws, standards, codes, and guidelines. The PFERD quality management system is ISO9001 certified and guarantees compliance with all regulations.

Thank you for choosing PFERD.

Shawn Sumner
Managing Director

PFERDVALUE

SERIOUS Performance



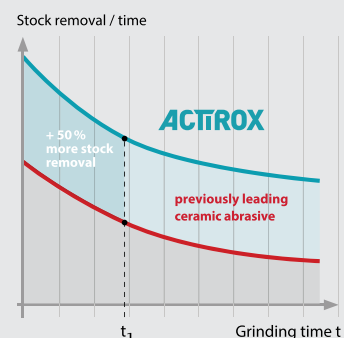
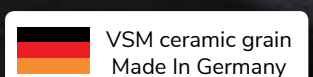
The background image shows an industrial setting. In the foreground, a robotic arm with a blue and black body is grinding a metal part, creating a dense spray of bright orange sparks that fills the lower half of the frame. In the background, two people wearing blue work jackets are seated at a table. The man on the left is using a laptop, and the woman on the right is writing in a notebook. A microphone on a stand is positioned above them. Various industrial equipment and pipes are visible in the background.

Experts in abrasives
Abrasives safety training
On-site demonstrations
Performance value testing
Business abrasives audit

ACTROX

METAL GRINDING FIBRE DISC

- Unique ceramic grain
- Heavy metal grinding
- High performance backing pad improves results
- Suits high powered angle grinders
- Apply less pressure



Available in sizes 115, 125 & 180mm
More grit sizes coming soon!

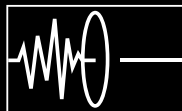
PFERDERGONOMICS



Vibration Filter

Users of hand-held tools are exposed to a significant degree of mechanical oscillation. The effects of these oscillations may include decreased performance and adverse health effects.

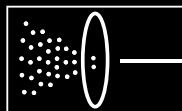
PFERD tools and tool drives with the "**VibrationFilter**" pictogram cause substantially fewer vibrations than comparable products.



Noise Filter

Noise at the workplace can become an issue. Depending on the job and personal perceptions, noise at work may be bothersome, disruptive and may even pose a danger to health.

The "**NoiseFilter**" pictogram identifies PFERD tools and tool drives that have been optimized in terms of their noise emissions, and which pose a reduced risk of damage to users' hearing.

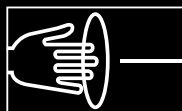


Emission Filter

The air quality in work areas is adversely affected by dust. Not only does the pollutant content constitute a health hazard, but the size of the particles may also create issues. The smaller they are, the greater the health hazard.

PFERD tools which create less dust than other products when used are marked with the "**EmissionFilter**" pictogram.

PFERD's oil-free air grinders cause lower emissions, and also carry the "**EmissionFilter**" pictogram.



Haptic Filter

When using tools, it is important that the work is carried out with the lowest levels of force and effort, with a high amount of control, and with as much comfort as possible.

PFERD tools and tool drives with the "**HapticFilter**" allow for labour-saving, comfortable work with minimal effort.

PFERDEFFICIENCY



Energy Saving



Time Saving



Waste Saving



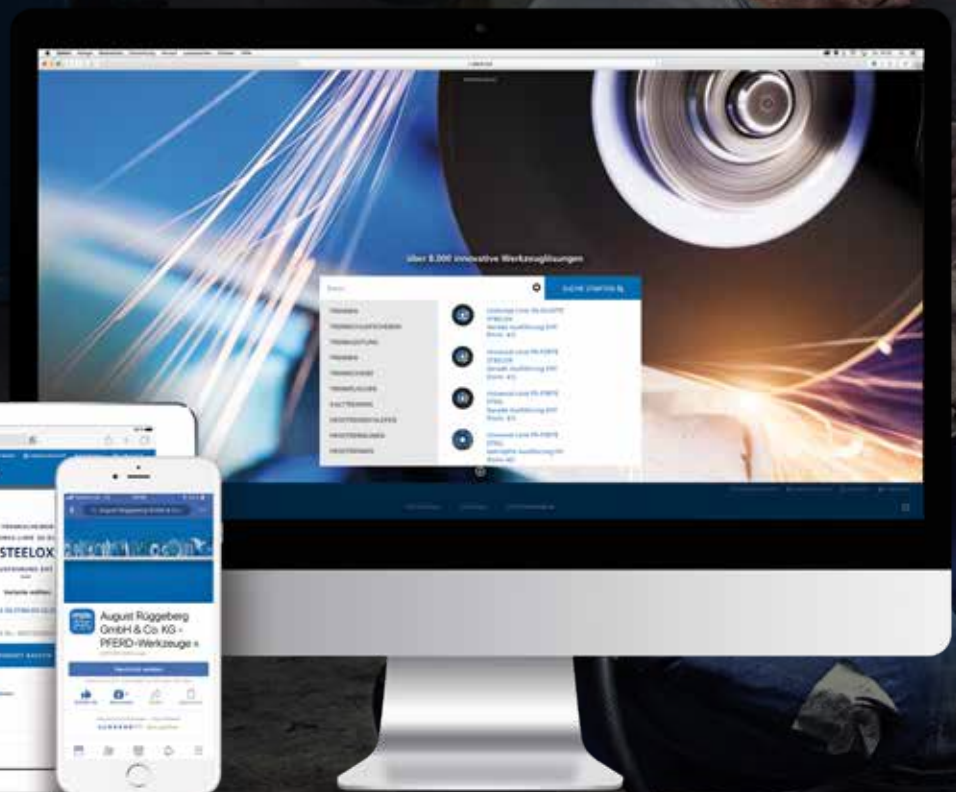
Resource Saving

PFERDVALUE

PFERD Abrasives For Steel & INOX Stainless Steel

STEELUX

Connect with **PFERD** online



www.pferd.com.au



PFERD



Market Leading Innovation



Ultra-Thin

Thin cut-off wheels for all metals



DUODISC

Thin wheels that Cut & Grind



ACTIROX

Metal grinding fibre disc



ALUMASTER

Innovative aluminium grinding



POLIFAN STRONG

The ultimate high stock removal grinding flap wheel



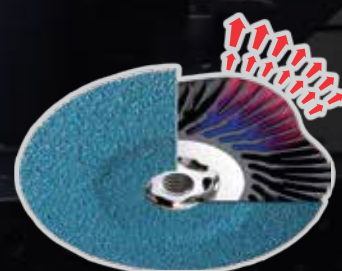
CC-GRIND - SOLID

A NEW generation of grinding wheels, less noise, dust & vibration



POLIFAN CURVE

Grind fillet welds & hard to reach areas with one wheel



COMBICLICK system

Unique backing pad with a large range of different fibre discs

VERTRAU BLAU

Trust In The Blue

Workers around the world trust in the blue and choose PFERD. The combination of individual consultation, innovative high performance products and on-site experience, have made PFERD into a recognised brand for quality abrasives.



Safety Recommendations



Wear eye protection!



Wear hearing protection!



Wear a dust mask!



Wear gloves!



Follow the safety instructions!



Do not use if damaged!

VICTOGRAIN products are some of the most effective grinding tools in the world.

PFERD's triangular, precision-formed abrasive grain achieves uniquely high abrasive performance.

The **VICTOGRAIN** abrasive grain triangles are identical in shape and size and their cutting edges are applied to the workpiece at the optimum angle, meaning the grain needs very little energy to penetrate the workpiece. As such, the user benefits from an efficient machining process with

- fast working,
- a long tool life,
- less heat build-up in the workpiece, and
- a lower power output required for the tool drive.

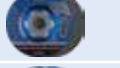
The **VICTOGRAIN** abrasive grain triangles are fixed to the substrate on one of their sides.

This means they are securely fixed in place and, together with their slim design, offer an extremely large chip space in order to further improve machining efficiency.

The structure of the triangular **VICTOGRAIN** has also been specially adapted to maximize results. The very small crystals inside the triangles ensure optimal wear characteristics as sharp cutting edges are always exposed, but only the minimum amount of abrasive grain/the triangle breaks off.

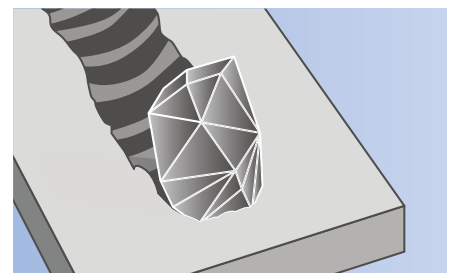
By combining all these properties together, users benefit from optimal, constant performance during cool grinding and an extremely long tool life together with consistent workpiece surface roughness.

Here is an overview of all **VICTOGRAIN** products which can be found in section 4 & 6:

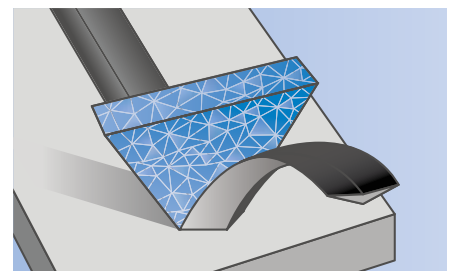
Picture	Description	Page
	COMBIDISC Abrasive Discs - CDFR VICTOGRAIN - COOL	60
	COMBICLICK - VICTOGRAIN Fibre Disc	93
	COMBICLICK - VICTOGRAIN - COOL Fibre Disc	93
	CC-GRIND Grinding Discs CC-GRIND - SOLID SGP STEEL	95
	CC-GRIND Grinding Discs CC-GRIND - SOLID SGP INOX	95
	CC-GRIND Grinding Discs CC-GRIND - FLEX SGP STEEL	95



The **VICTOGRAIN** abrasive grain is optimally aligned



Conventional abrasive grain



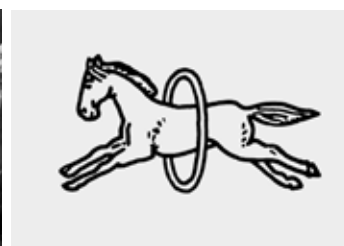
VICTOGRAIN abrasive grain



The jumping HORSE

PFERD (the German term for horse) is leading in the development, production and support, as well as in the distribution, of tool solutions for work on surfaces and material cutting. In keeping with a tradition that dates back more than 200 years, PFERD operates as an independent, internationally oriented, family-owned company geared towards the long term.

PFERD tools offer the user maximum benefit and optimum cost-effectiveness. Its unlimited commitment to premium quality, its reliability as a supplier and its responsible use of resources all make PFERD a dependable and reliable trading partner that operates with sustainability in mind.



Greater economic efficiency

Each and every day, PFERD tools solve application problems within a great number of industries. Innovations in this area regularly offer considerable added value: not just for users, but for trade as well – PFERD innovations are unique selling propositions!

PFERD product management is constantly updating and further developing the range in line with your wishes and needs. If required, PFERD can develop your own tailor-made solution, always with the aim of attaining the highest levels of cost-effectiveness for you.



The optimum tool

With over 8,500 tools for work on surfaces and material cutting, PFERD offers the ideal tool solution for every application. The selection of the correct tool is determined by the application, the material to be worked and the appropriate tool drive.

The tool navigation in the introduction of the respective catalogue sections 1 to 8 will help you select the optimum tool.



Quality since
1799



PFERD Australia Pty. Ltd.

Active in Australia for almost 40 years, PFERD has gained a reputation as a leading manufacturer of abrasive solutions. With more than 8,500 products, product training, technical support, national warehousing and Australia-wide service, we can offer the complete solution for your needs.



Professional Training & Advice

PFERD offers professional and practice-related training courses that are the foundation for mutual success. We explain how to use PFERD products to maximise production whilst minimising costs. We advise on the correct selection and use of products to maximise safety while minimising product costs and down-time. On site training is also available.

Better PFERD

Quality is directly connected with benefit and customer satisfaction. That's why PFERD researches and develops innovative, high-performance products.

Our own machine and plant construction, and the continuous testing and further development of the quality and safety standards in our own laboratories all guarantee the proverbial PFERD quality. As a founder member of the "Organisation for the Safety of Abrasives (oSa)", PFERD also offers the highest possible levels of safety for the user by constantly monitoring manufacturing in all PFERD production facilities worldwide.

PFERD quality management is certified according to ISO 9001.

Always at your side

PFERD employees are here to help you. We are dedicated to advising you professionally and completing your order reliably. We place great emphasis on personal contact with you and building long-term business relationships.

PFERD - Product Guide

Easily find the abrasives to suit your application. The next pages contain an index and overview of each product range available from PFERD Australia. All pricing is each and excluding GST. Prices and specifications are subject to change without notice.



Call **1300 073 373**

customerservice@pferd.com.au

www.pferd.com.au





PFERDVALUE

PFERD



Files

1



Burr, Hole Saws,
Alumaster & Drills

2



Mounted Points &
Bench Grinding Wheels

3



Fine Grinding &
Polishing Tools

4



Diamond &
CBN Tools

5



Grinding Wheels &
Cut-Off Wheels

6



Large Diameter
Cut-Off Wheels

7



Industrial Power Brushes

8



X-LOCK

X-LOCK



Coated Abrasives

Coated

1 - Files



For 200 years, PFERD files have been renowned worldwide as a top quality product. With their consistently high cutting performance, ensuring an excellent surface quality even after long use, they reduce the cost of labour-intensive manual work. PFERD has developed a number of ideal shapes and cuts for specific applications in industry and the crafts.

File types available

- Files for the workshop
- Milled tooth files
- Wood files and rasps
- Precision files
- Chain Saw files
- File handles, file sleeves, file brush
- Sharpening files

PFERD stamp



2 - Burrs, Hole Saws & Drills



Burrs - Tungsten Carbide

PFERD burrs are designed for machining materials of virtually any strength. Our burrs provide exceptional impact resistance, minimising tooth chipping & breaking. Available in a variety of shank diameters to suit your tool or application.

Need a high impact resistant burr for those tough applications? The Cut TOUGH and TOUGH-S range are very durable, minimising tooth breakages and chipping when used in tough applications such as steel fabrication, foundries and dockyards. Cut ALU developed for aluminium and coarse grinding work on non-ferrous metals. Cut INOX has been developed for those INOX stainless steel applications. Cut MICRO is designed for exceptional results at very high RPM speeds. Cut STEEL developed for all mild steel applications.

Drills & Drill Sets

Drilling tools with cross grinding for industrial uses. Fully ground, right-hand turning versions that produce precise drill holes thanks to their high concentricity and exact centring.



Hole Saws - HSS Bi-Metal

PFERD HSS 'high speed steel' Bi-Metal hole saws can be used for cutting steel, stainless steel, aluminium, cast iron, copper, wood, plastic and many other materials. The alternating tooth pitch prevents chattering during use. Select from a wide range of sizes or popular sets. Hole saw arbors and accessories are available separately.

Individual Hole Saws &

Available in sizes 16mm to 152mm.



Hole Saw Sets

Available in 9 and 13pc sets. The sets are neatly arranged in a protective plastic case

Quick Change Hole Saw Mounting System

Includes quick change unit with special adaptors to suit the hole saw of your choice



High-performance Cuts	
MX-NCC	Cut TOUGH
Cut 1	Cut TOUGH-S
Cut 3	Cut ALU
Cut 3 PLUS	Cut NON-FERROUS
Cut 4	Cut INOX
Cut 5	Cut MICRO
	Cut STEEL
	Cut CAST
	Cut PLAST
	Cut EDGE

ALUMASTER

The innovative ALUMASTER High Speed Disc is a unique tool with an extremely high stock removal rate. It is ideal for processing aluminium as it does not generate hazardous or explosive dust. It consists of specially developed tungsten carbide cutting inserts, which are fixed to the High Speed Disc.



3 - Mounted Points & Bench Grinding Wheels

PFERD offers a very extensive line of vitrified and resinoid-bonded mounted points. Designed to meet individual application needs, these products come in a broad range of grain types, grit sizes, hardness levels and shapes. The mounted points are manufactured on advanced production lines to high standards of dimensional accuracy and stability, consistent quality, and close tolerances.



Available Shank sizes

- 6mm Shank
- 3mm Shank
- 1/4" Shank



4 - Fine Grinding & Polishing Tools

Achieve the perfect end result with every job. PFERD's Fine Grinding & Polishing Tools range suits stainless steel, aluminium, plastic and many other materials. We can help you to find the right fine grinding and polishing tool to suit the application. For more information on the complete range items contact PFERD.



Spiral Bands



Policap

Poliroll



Fan Grinders



Flap Wheels



COMBICLICK Polishing



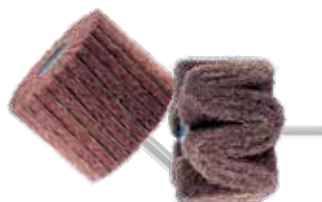
Economy Rolls



Polishing Starter Kit



COMBIDISC MINI-POLIFAN



POLINOX Mounted Points



POLINOX Grinding Drum



POLINOX Ring Wheels



COMBIDISC CDR



POLIVLIES Flap Discs

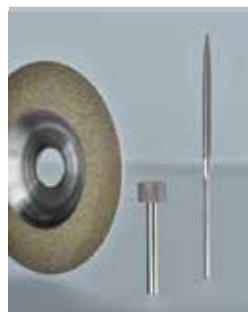


POLICLEAN Disc & Mounted



POLIVLIES Hand Pads

5 - Diamond & CBN Tools



Diamond Product Range

- Cut-off wheels
- Cup wheels
- Drills
- File Sets
- Handy files
- Needle files
- Grinding Points

PFERD Australia offers a range of diamond and CBN products that includes specialty files and diamond grinding points. In addition to this range PFERD also specialises in the customer specific manufacture of electroplated, resinoid, ceramic and metal bonded diamond and CBN tools.

Advantages of using diamond include: superior product life and dimensional stability as well as avoiding thermal damage to the workpiece due to low grinding temperatures.



6 - Grinding & Cut-Off Wheels



COMBICLICK Grind & Finish Metal



COMBICLICK 1 Mounting System



2 Fibre Disc



CC-GRIND-STRONG The Grinding Wheel Revolution



3 Abrasive Layers

PFERD offers an outstanding range of quality cutting and grinding products. Years of experience working with different industry applications has led to the development of new items that suit today's requirements. Unique products like the POLIFAN Curve, the POLIFAN Strong, DUODISC and the COMBICLICK range, have changed working with metal as you know it. Note, discs are also colour coded to suit different materials.

Grinding Wheels

A range of sizes and types to grind steel, cast iron, stainless steel (INOX) & aluminium.



Cut-Off Wheels

A range of sizes, types & thicknesses from 0.8mm to cut steel, stainless steel (INOX), aluminium & stone.



POLIFAN (Flap Discs)

A wide range of grinding flap discs suit steel, stainless steel (INOX), aluminium and more. Try the POLIFAN Strong for high stock removal & POLIFAN Curve for fillet weld applications.



DUODISC

An amazing 2 in 1 grinding disc that can be used for cutting as well. Sizes 4", 4 1/2" & 5", 6" & 7". In 1.9, 2.8 & 3.5mm thickness.



ACTIROX Fibre Discs

ACTIROX is the name of the latest generation of abrasives optimised for efficient stock removal. The geometrically shaped abrasive grains achieve very aggressive, quick grinding for maximum removal rates.



7 - Large Diameter Cut-Off Wheels

PFERD large diameter cut-off wheels are available for use on a wide variety of cutting machines to suit all steels, cast iron, non-ferrous metal alloys and special alloys. PFERD large diameter cut-off wheels provide easy cutting of steel that cannot be sawn or flame cut. The cutting quality is consistent over the entire cut-off wheel lifetime until it is completely used, due to the continuous self-sharpening process. A more cost effective option than any other cutting procedure.



Large Diameter Cut-Off Wheels Range

- Low speed general purpose and premium wheels - 80mtr/sec to suit 240v chop saws (steel & INOX)
- High speed large diameter cut-off wheels - 100mtr/sec to suit 3 phase saws
- High speed portable cut-off wheels to suit portable engine driven saws (steel, stone & rail)



8 - Industrial Power Brushes

PFERD industrial power brushes are quality products used for surface machining. We offer a comprehensive range of high quality brushes in both INOX or mild steel to suit professional brushing of various materials and applications.

Crimped



Twist Knot



Comb Twist



Crimped plastic
Impregnated



Shaft Mounted & Specialty Brushes



KBG Flared Cup Brushes



Cup Brushes



Wheel Brush To Suit
M14 Thread



Bench Grinder Wire Brushes
With Arbor Hole



RBG Wheel Brush



Pipeliner Brushes



POS Range



Hand Scratch Brushes





With the Bosch X-LOCK system for angle grinders, you can change tools quickly and comfortably. Instead of a round centre hole, the X-LOCK system features an X-shaped contour, which allows the tool to be fixed on the angle grinder in a form-fitting manner. This guarantees that different tools can be mounted securely and comfortably in the shortest possible time. The unique system meets the highest quality and safety standards and even withstands tough and challenging operating conditions.

Advantages:

- Quick and comfortable tool changes.
- Tools are fixed securely since they audibly click into place.
- Tools with X-LOCK can also be used on conventional angle grinders with an M14 and 5/8"-11 thread (exception: cup brushes).

Recommendations for use:

- Place the tool on the X-LOCK quick-change system of your angle grinder and secure it by lightly pressing it down. The tool will audibly click into place.



Coated Abrasives



Paper & Cloth Backed Abrasive Products

PFERD offers a wide range of coated abrasives, covering made-to-order products that best suit your application or alternatively you can choose from a variety of standard stocked lines.

Find the most cost effective option with PFERD. Our abrasive specialists can help you to identify the most suitable abrasive product from our range of aluminum oxide, zirconia, ceramic and diamond materials. We also supply accessories including backing pads, belt restorers, slip cloth, sanding sponges and much more.

Metal

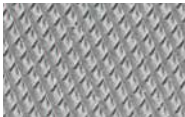
- Portable Belts
- File Sander Belts
- Stroke Sanding
- Coil Grinding
- Backstand Grinding
- Dome Grinding
- Flat Bar Grinding
- Pipe & Tube Grinding
- Roll Grinding
- Sheet Grinding
- Turbine Grinding
- Centreless Polishing
- Flat Bar Polishing
- Metal Polishing
- Robotics
- Multi Tool Belts
- Discs Grinding & Finishing
- Pattern Making

Wood

- Portable Belts
- Stroke Sanding Belts
- Wide Belts
- Polyvacs
- Edger Discs
- Floor Sanding Belts
- Drum Grinding
- Edge Grinding
- Profile Radius Grinding



Files for the workshop

- Cut 1**
- 
- Cross cut
 - Suitable for coarse stock removal and for roughing

- Cut 2**
- 
- Cross cut
 - Suitable for universal roughing and finishing

- Cut 3**
- 
- Cross cut
 - Suitable for fine processing and finishing

Car body files

- Cut 00**
- 
- Radial cut
 - Suitable for very coarse stock removal and for roughing
 - Creates score-free surfaces

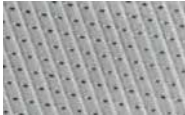
- Cut 0**
- 
- Radial cut
 - Suitable for coarse stock removal and for roughing
 - Creates score-free surfaces

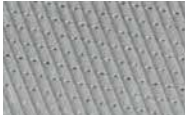
- Cut 1**
- 
- Radial cut
 - Suitable for coarse stock removal and for roughing
 - Creates score-free surfaces

- Cut 2**
- 
- Radial cut
 - Suitable for universal roughing and finishing
 - Creates score-free surfaces

- Cut 3**
- 
- Radial cut
 - Suitable for fine stock removal and finishing
 - Creates score-free surfaces

Milled tooth files

- Cut 1**
- 
- Straight cut
 - Suitable for coarse stock removal on soft metals
 - Because of its milled tooth shape with large flutes, the teeth do not clog up

- Cut 2**
- 
- Straight cut
 - Suitable for universal roughing and finishing on soft metals
 - Because of its milled tooth shape with large flutes, the teeth do not clog up

- Cut 3**
- 
- Straight cut
 - Suitable for fine stock removal on soft metals
 - Because of its milled tooth shape with large flutes, the teeth do not clog up

Sharpening files

- Classic**
- 
- Classic spiral cut
 - For users who prefer an aggressive filing action

- Premium**
- 
- Innovative spiral cut
 - For users who prefer a softer filing action

- Single cut Cut 2**
- 
- Single cut
 - Universally suited to sharpening

Rasps

- Cut 1**
- 
- Rasp cut
 - Suitable for coarse stock removal and for roughing

- Cut 2**
- 
- Rasp cut
 - Suitable for universal roughing and finishing

- Cut 3**
- 
- Rasp cut
 - Suitable for fine processing and finishing

Precision files

- Cut 00**
- 
- Cross cut
 - Suitable for very coarse precision work

- Cut 0**
- 
- Cross cut
 - Suitable for coarse precision work

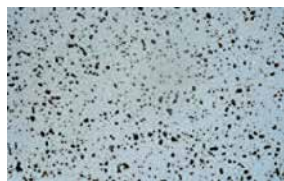
- Cut 1**
- 
- Cross cut
 - Suitable for medium precision work

- Cut 2**
- 
- Cross cut
 - Suitable for medium to fine precision work

- Cut 3**
- 
- Cross cut
 - Suitable for fine precision work

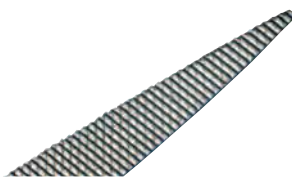
- Cut 4**
- 
- Cross cut
 - Suitable for very fine precision work

Several criteria determine PFERD quality



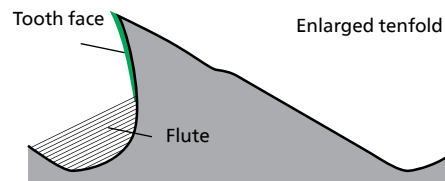
Uniform hardness through flawless steel microstructure

The profiling in the rolling mill, the forging of shape and tang, the annealing prior to cutting and the heat treatment each cause a change in the steel microstructure. The high carbon content of the steel microstructure determines the hardness and cutting performance of the file and must therefore be maintained.



Exact shape and uniform cut from tang to tip

The file blanks acquire their exact shape through forging and grinding. This enables accurate work. Equally spaced cuts and a uniform depth of cut ensure good filing performance and good surface finishes. The type and angle of the cut depend on the purpose for which the file is intended.



Perfectly milled tooth geometries for every application

Tooth shapes suited to various applications ensure the best stock removal rate. There is no universally appropriate tooth shape for every application. PFERD has developed the optimally suitable tooth shapes and tooth geometries for each of the various applications. The figure shows a car body file tooth with its typical rounded tooth face and large flute.

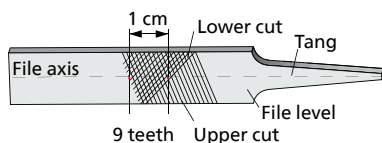
Number of cuts for cut files [cuts/cm] according to DIN 8349

Length (without tang) [mm]	Machinist's files number of cuts $\pm 8\%$			Sharpening files number of cuts $\pm 5\%$					
	Cut 1-B Bastard	Cut 2 Half-smooth	Cut 3-S Smooth	Regular	Slim	Extra slim	Double extra slim	Mill saw files	
								Cut 1	Cut 2
100	17	22	28	20	23	26	-	-	-
125	-	-	-	19	22	24	25	-	-
150	13	18	22	17	20	22	24	20	24
175	-	-	-	16	19	21	23	-	-
200	10	14	18	15	17	20	22	18	20
250	9	12	16	14	16	17	-	16	18
300	8	11	14	-	-	-	-	14	16
350	7	10	13	-	-	-	-	12	14

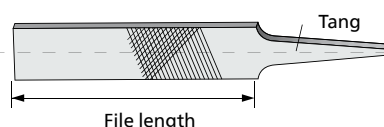
Determining the number of cuts:

The numbers of cuts for PFERD files conform to DIN 8349 requirements.

The number of cuts for a file is the number of scores (cuts) per cm of file length, counted along the file axis. For cross cut files, the number of cuts is determined by the upper cut.



Dimensions:



The cross-sectional dimensions indicated in the tables are measured across the cut and may vary depending on cut type. For tapered files the cut is measured at the highest and widest position.

PFERD files are manufactured in compliance with DIN and ISO standards.



You will receive more information here or at www.pferd.com.au

Colour code for the file cut

The different colours used for the cuts available allow rapid tool selection

Cut 1	Cut 2	Cut 3
green = coarse	yellow = medium	red = fine
10 Hand Planas paralelas Inches bastard 1112 10" 1	10 Hand Planas paralelas Inches Second cut 1112 10" 2	10 Hand Planas paralelas Inches Smooth 1112 10" 3

Overview of file designations according to DIN

Designation	Shape symbol	Designation according to DIN 7261	
Hand		1112	A
Flat		1122	B
Three Square		1132	C
Square		1142	D
Half-Square		1152	E
Round		1162	F
Knife Files		1172	G
Lathe		1612 DE	H

PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE
Engineer's Files - Hand	9	Round Files - With Handle (POS)	12	Extra Slim Taper Files	14
Hand Files - No Handle	9	Engineer's Files - Knife	12	Extra Slim Taper Files - With Handle (POS)	14
Hand Files - With Handle (POS)	9	Knife Files - No Handle	12	Ultra Slim Taper Files	14
Engineer's Files - Flat	10	Engineer's Files - Sets	13	Sharpening Files	14
Flat Files - No Handle	10	Files In Plastic Roll Pouch (5 Piece Set)	13	Mill Saw Files	14
Flat Files - With Handle (POS)	10	Engineer's Files - Special Files	13	Mill Saw Files - With Handle (POS)	14
Engineer's Files - 3 Square	10	Lathe Files	13	Sharpening Files - Chain Saw Files	15
3 Square Files - No Handle	10	Special Files	13	Chain Saw Files	15
3 Square Files - With Handle (POS)	10	Key (Warding) Files	13	Precision Files	15
Engineer's Files - Square	11	Key (Warding) Files - Set	13	Needle Files	15
Square Files - No Handle	11	Tungsten Point Files	13	Needle Files - Sets	15
Square Files - With Handle (POS)	11	Car Body Files	13	Accessories	16
Engineer's Files - Half Round	11	Milled Tooth Files	13	General File Handles	16
Half Round Files Tapered - No Handle	11	Horse Files	13	File and Chain Saw Handles	16
Half Round Files - With Handle (POS)	11	Saw Sharpening Files - Slim Taper	14	Needle File Handles	16
Engineer's Files - Round	12	Saw Sharpening Files - With Handle (POS)	14	Cleaning File Brush	16
Round Files - No Handle	12				

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Engineer's Files - Hand						
Hand Files - No Handle - Bulk Packed						
100	1112 100 mm C1 (BASTARD CUT)	11101101	4007220005606	10	\$8.07	
100	1112 100 mm C2 (2ND CUT)	11101102	4007220005613	10	\$8.07	
100	1112 100 mm C3 (SMOOTH)	11101103	4007220005620	10	\$8.07	
150	1112 150 mm C1 (BASTARD CUT)	11101151	4007220005637	10	\$8.07	
150	1112 150 mm C2 (2ND CUT)	11101152	4007220005644	10	\$8.07	
150	1112 150 mm C3 (SMOOTH)	11101153	4007220005651	10	\$8.07	
200	1112 200 mm C1 (BASTARD CUT)	11101201	4007220005668	10	\$9.94	
200	1112 200 mm C2 (2ND CUT)	11101202	4007220005675	10	\$9.94	
200	1112 200 mm C3 (SMOOTH)	11101203	4007220005682	10	\$9.94	
250	1112 250 mm C1 (BASTARD CUT)	11101251	4007220005699	10	\$13.68	
250	1112 250 mm C2 (2ND CUT)	11101252	4007220005705	10	\$13.68	
250	1112 250 mm C3 (SMOOTH)	11101253	4007220005712	10	\$13.68	
300	1112 300 mm C1 (BASTARD CUT)	11101301	4007220005729	5	\$17.41	
300	1112 300 mm C2 (2ND CUT)	11101302	4007220005736	5	\$17.41	
300	1112 300 mm C3 (SMOOTH)	11101303	4007220005743	5	\$17.41	
350	1112 350 mm C1 (BASTARD CUT)	11101351	4007220005750	5	\$24.86	
350	1112 350 mm C2 (2ND CUT)	11101352	4007220005767	5	\$24.86	
Hand Files - With Handle (POS)						
150	PF 1112 150 mm C1 (BASTARD CUT)	18800677	4007220129395	1	\$14.56	
150	PF 1112 150 mm C2 (2ND CUT)	18800679	4007220129418	1	\$14.56	
150	PF 1112 150 mm C3 (SMOOTH)	18800681	4007220129432	1	\$14.56	
200	PF 1112 200 mm C1 (BASTARD CUT)	18800683	4007220129456	1	\$18.02	
200	PF 1112 200 mm C2 (2ND CUT)	18800685	4007220129470	1	\$18.02	
200	PF 1112 200 mm C3 (SMOOTH)	18800687	4007220129500	1	\$18.02	
250	PF 1112 250 mm C1 (BASTARD CUT)	18800689	4007220129524	1	\$22.38	
250	PF 1112 250 mm C2 (2ND CUT)	18800691	4007220129555	1	\$22.38	
250	PF 1112 250 mm C3 (SMOOTH)	18800693	4007220129579	1	\$22.38	
300	PF 1112 300 mm C1 (BASTARD CUT)	18800695	4007220129593	1	\$28.60	
300	PF 1112 300 mm C2 (2ND CUT)	18800697	4007220129623	1	\$28.60	
300	PF 1112 300 mm C3 (SMOOTH)	18800699	4007220129647	1	\$28.60	

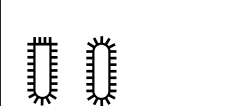
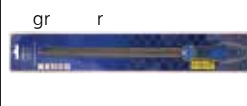
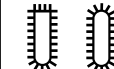
Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Engineer's Files - Flat						
Flat Files - No Handle - Bulk Packed						
100	1122 100 mm C1 (BASTARD CUT)	11103101	4007220005811	10	\$6.84	 
100	1122 100 mm C2 (2ND CUT)	11103102	4007220005828	10	\$6.84	
100	1122 100 mm C3 (SMOOTH)	11103103	4007220005835	10	\$6.84	
150	1122 150 mm C1 (BASTARD CUT)	11103151	4007220005842	10	\$8.07	
150	1122 150 mm C2 (2ND CUT)	11103152	4007220005859	10	\$8.07	
150	1122 150 mm C3 (SMOOTH)	11103153	4007220005866	10	\$8.07	
200	1122 200 mm C1 (BASTARD CUT)	11103201	4007220005873	10	\$9.94	
200	1122 200 mm C2 (2ND CUT)	11103202	4007220005880	10	\$9.94	
200	1122 200 mm C3 (SMOOTH)	11103203	4007220005897	10	\$9.94	
250	1122 250 mm C1 (BASTARD CUT)	11103251	4007220005903	10	\$13.68	
250	1122 250 mm C2 (2ND CUT)	11103252	4007220005910	10	\$13.68	
250	1122 250 mm C3 (SMOOTH)	11103253	4007220005927	10	\$13.68	
300	1122 300 mm C1 (BASTARD CUT)	11103301	4007220005934	5	\$17.41	
300	1122 300 mm C2 (2ND CUT)	11103302	4007220005941	5	\$17.41	
300	1122 300 mm C3 (SMOOTH)	11103303	4007220005958	5	\$17.41	
350	1122 350 mm C1 (BASTARD CUT)	11103351	4007220005965	5	\$24.86	
Flat Files - With Handle (POS)						
150	PF 1122 150 mm C1 (BASTARD CUT)	18800300	4007220113073	1	\$16.18	 
150	PF 1122 150 mm C2 (2ND CUT)	18800718	4007220129838	1	\$16.18	
150	PF 1122 150 mm C3 (SMOOTH)	18800301	4007220113080	1	\$16.18	
200	PF 1122 200 mm C1 (BASTARD CUT)	18800302	4007220113097	1	\$18.02	
200	PF 1122 200 mm C2 (2ND CUT)	18800722	4007220129913	1	\$18.02	
200	PF 1122 200 mm C3 (SMOOTH)	18800303	4007220113103	1	\$18.02	
250	PF 1122 250 mm C1 (BASTARD CUT)	18800304	4007220113110	1	\$21.63	
250	PF 1122 250 mm C2 (2ND CUT)	18800726	4007220129968	1	\$21.63	
250	PF 1122 250 mm C3 (SMOOTH)	18800305	4007220113127	1	\$21.63	
300	PF 1122 300 mm C1 (BASTARD CUT)	18800306	4007220113134	1	\$27.36	
300	PF 1122 300 mm C2 (2ND CUT)	18800327	4007220123737	1	\$27.36	
300	PF 1122 300 mm C3 (SMOOTH)	18800307	4007220113158	1	\$27.36	
Engineer's Files - 3 Square						
3 Square Files - No Handle - Bulk Packed						
100	1132 100 mm C1 (BASTARD CUT)	11108101	4007220006603	10	\$8.07	 
100	1132 100 mm C2 (2ND CUT)	11108102	4007220006610	10	\$8.07	
100	1132 100 mm C3 (SMOOTH)	11108103	4007220006627	10	\$8.07	
150	1132 150 mm C1 (BASTARD CUT)	11108151	4007220006641	10	\$8.71	
150	1132 150 mm C2 (2ND CUT)	11108152	4007220006658	10	\$8.71	
150	1132 150 mm C3 (SMOOTH)	11108153	4007220006665	10	\$8.71	
200	1132 200 mm C1 (BASTARD CUT)	11108201	4007220006672	10	\$11.19	
200	1132 200 mm C2 (2ND CUT)	11108202	4007220006689	10	\$11.19	
200	1132 200 mm C3 (SMOOTH)	11108203	4007220006696	10	\$11.19	
250	1132 250 mm C1 (BASTARD CUT)	11108251	4007220006702	10	\$17.41	
250	1132 250 mm C2 (2ND CUT)	11108252	4007220006719	10	\$17.41	
250	1132 250 mm C3 (SMOOTH)	11108253	4007220006726	10	\$17.41	
300	1132 300 mm C1 (BASTARD CUT)	11108301	4007220006733	5	\$23.01	
300	1132 300 mm C2 (2ND CUT)	11108302	4007220006740	5	\$23.01	
3 Square Files - With Handle (POS)						
150	PF 1132 150 mm C1 (BASTARD CUT)	18800801	4007220130889	1	\$17.41	 
150	PF 1132 150 mm C2 (2ND CUT)	18800803	4007220130902	1	\$17.41	
150	PF 1132 150 mm C3 (SMOOTH)	18800805	4007220130926	1	\$17.41	
200	PF 1132 200 mm C1 (BASTARD CUT)	18800809	4007220130964	1	\$21.76	
200	PF 1132 200 mm C2 (2ND CUT)	18800813	4007220006764	1	\$21.76	
200	PF 1132 200 mm C3 (SMOOTH)	18800815	4007220019467	1	\$21.76	
250	PF 1132 250 mm C1 (BASTARD CUT)	18800817	4007220024591	1	\$24.86	
250	PF 1132 250 mm C2 (2ND CUT)	18800819	4007220024614	1	\$24.86	

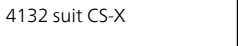
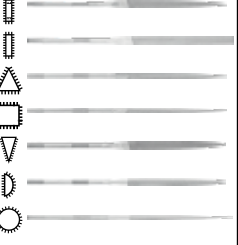
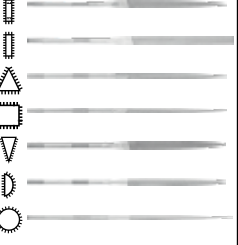
Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Engineer's Files - Square						
Square Files - No Handle - Bulk Packed						
100	1142 100 mm C1 (BASTARD CUT)	11104101	4007220006009	10	\$8.07	 
100	1142 100 mm C2 (2ND CUT)	11104102	4007220006016	10	\$8.07	
100	1142 100 mm C3 (SMOOTH)	11104103	4007220006023	10	\$8.07	
150	1142 150 mm C1 (BASTARD CUT)	11104151	4007220006030	10	\$8.07	
150	1142 150 mm C2 (2ND CUT)	11104152	4007220006047	10	\$8.07	
150	1142 150 mm C3 (SMOOTH)	11104153	4007220006054	10	\$8.07	
200	1142 200 mm C1 (BASTARD CUT)	11104201	4007220006061	10	\$10.57	
200	1142 200 mm C2 (2ND CUT)	11104202	4007220006078	10	\$10.57	
200	1142 200 mm C3 (SMOOTH)	11104203	4007220006085	10	\$10.57	
250	1142 250 mm C1 (BASTARD CUT)	11104251	4007220006092	10	\$13.68	
250	1142 250 mm C2 (2ND CUT)	11104252	4007220006108	10	\$13.68	
250	1142 250 mm C3 (SMOOTH)	11104253	4007220006115	10	\$13.68	
300	1142 300 mm C1 (BASTARD CUT)	11104301	4007220006122	5	\$19.89	
300	1142 300 mm C2 (2ND CUT)	11104302	4007220006139	5	\$19.89	
Square Files - With Handle (POS)						
150	PF 1142 150 mm C1 (BASTARD CUT)	18800841	4007220131572	1	\$14.92	 
150	PF 1142 150 mm C2 (2ND CUT)	18800843	4007220131596	1	\$14.92	
200	PF 1142 200 mm C1 (BASTARD CUT)	18800847	4007220131640	1	\$18.65	
200	PF 1142 200 mm C2 (2ND CUT)	18800849	4007220131664	1	\$18.65	
250	PF 1142 250 mm C1 (BASTARD CUT)	18800853	4007220131701	1	\$22.38	
250	PF 1142 250 mm C2 (2ND CUT)	18800855	4007220131749	1	\$22.38	
Engineer's Files - Half Round						
Half Round Files Tapered - No Handle - Bulk Packed						
100	1152 SP 100 mm C1 (BASTARD CUT)	11105101	4007220006160	10	\$14.92	 
100	1152 SP 100 mm C2 (2ND CUT)	11105102	4007220006177	10	\$14.92	
100	1152 SP 100 mm C3 (SMOOTH)	11105103	4007220006184	10	\$14.92	
150	1152 SP 150 mm C1 (BASTARD CUT)	11125151	4007220006955	10	\$12.44	
150	1152 SP 150 mm C2 (2ND CUT)	11125152	4007220006962	10	\$12.44	
150	1152 SP 150 mm C3 (SMOOTH)	11125153	4007220006979	10	\$12.44	
200	1152 SP 200 mm C1 (BASTARD CUT)	11125201	4007220006986	10	\$14.31	
200	1152 SP 200 mm C2 (2ND CUT)	11125202	4007220006993	10	\$14.31	
200	1152 SP 200 mm C3 (SMOOTH)	11125203	4007220007006	10	\$14.31	
250	1152 SP 250 mm C1 (BASTARD CUT)	11125251	4007220007013	10	\$17.41	
250	1152 SP 250 mm C2 (2ND CUT)	11125252	4007220007020	10	\$17.41	
250	1152 SP 250 mm C3 (SMOOTH)	11125253	4007220007037	10	\$17.41	
300	1152 SP 300 mm C1 (BASTARD CUT)	11125301	4007220007044	5	\$19.89	
300	1152 SP 300 mm C2 (2ND CUT)	11125302	4007220007051	5	\$19.89	
300	1152 SP 300 mm C3 (SMOOTH)	11125303	4007220007068	5	\$19.89	
350	1152 SP 350 mm C1 (BASTARD CUT)	11125351	4007220222355	5	\$34.20	
Half Round Files - With Handle (POS)						
150	PF 1152 150 mm C1 (BASTARD CUT)	18800766	4007220130438	1	\$19.89	 
150	PF 1152 150 mm C2 (2ND CUT)	18800768	4007220130452	1	\$19.89	
150	PF 1152 150 mm C3 (SMOOTH)	18800770	4007220130476	1	\$19.89	
200	PF 1152 200 mm C1 (BASTARD CUT)	18800772	4007220130506	1	\$23.63	
200	PF 1152 200 mm C2 (2ND CUT)	18800774	4007220130537	1	\$23.63	
200	PF 1152 200 mm C3 (SMOOTH)	18800776	4007220130568	1	\$23.63	
250	PF 1152 250 mm C1 (BASTARD CUT)	18800328	4007220123775	1	\$31.09	
250	PF 1152 250 mm C2 (2ND CUT)	18800779	4007220130599	1	\$31.09	
250	PF 1152 250 mm C3 (SMOOTH)	18800781	4007220130636	1	\$31.09	
300	PF 1152 300 mm C1 (BASTARD CUT)	18800783	4007220130650	1	\$37.30	

Files

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Engineer's Files - Round						 	
Round Files - No Handle - Bulk Packed							
100	1162 100 mm C1 (BASTARD CUT)	11107101	4007220006405	10	\$7.47		
100	1162 100 mm C2 (2ND CUT)	11107102	4007220006412	10	\$7.47		
100	1162 100 mm C3 (SMOOTH)	11107103	4007220006429	10	\$7.47		
150	1162 150 mm C1 (BASTARD CUT)	11107151	4007220006467	10	\$6.46		
150	1162 150 mm C2 (2ND CUT)	11107152	4007220006474	10	\$6.46		
150	1162 150 mm C3 (SMOOTH)	11107153	4007220006481	10	\$6.46		
200	1162 200 mm C1 (BASTARD CUT)	11107201	4007220006498	10	\$7.47		
200	1162 200 mm C2 (2ND CUT)	11107202	4007220006504	10	\$7.47		
200	1162 200 mm C3 (SMOOTH)	11107203	4007220006511	10	\$7.47		
250	1162 250 mm C1 (BASTARD CUT)	11107251	4007220006528	10	\$9.34		
250	1162 250 mm C2 (2ND CUT)	11107252	4007220006535	10	\$9.34		
250	1162 250 mm C3 (SMOOTH)	11107253	4007220006542	10	\$9.34		
300	1162 300 mm C1 (BASTARD CUT)	11107301	4007220006559	5	\$13.68		
300	1162 300 mm C2 (2ND CUT)	11107302	4007220006566	5	\$13.68		
300	1162 300 mm C3 (SMOOTH)	11107303	4007220006573	5	\$13.68		
350	1162 350 mm C1 (BASTARD CUT)	11107351	4007220006580	5	\$17.41		
Round Files - With Handle (POS)							 
150	PF 1162 150 mm C1 (BASTARD CUT)	18800308	4007220113165	1	\$13.68		
150	PF 1162 150 mm C2 (2ND CUT)	18800878	4007220131244	1	\$13.68		
150	PF 1162 150 mm C3 (SMOOTH)	18800309	4007220113172	1	\$13.68		
200	PF 1162 200 mm C1 (BASTARD CUT)	18800310	4007220113189	1	\$16.79		
200	PF 1162 200 mm C2 (2ND CUT)	18800882	4007220131282	1	\$16.79		
200	PF 1162 200 mm C3 (SMOOTH)	18800311	4007220113196	1	\$16.79		
250	PF 1162 250 mm C1 (BASTARD CUT)	18800312	4007220113202	1	\$21.15		
250	PF 1162 250 mm C2 (2ND CUT)	18800886	4007220131329	1	\$21.15		
250	PF 1162 250 mm C3 (SMOOTH)	18800313	4007220113219	1	\$21.15		
300	PF 1162 300 mm C1 (BASTARD CUT)	18800889	4007220131350	1	\$26.73		
Engineer's Files - Knife						 	
Knife Files - No Handle - Bulk Packed							
200	1172 200 mm C2 (2ND CUT)	11109202	4007220006832	10	\$16.79		

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Engineer's Files - Sets						
Files In Plastic Roll Pouch (5 Piece Set)						
200	Roll Case 531 WRU (Cut 1 - BASTARD CUT)	11801531	4007220807972	1	\$80.83	
200	Roll Case 532 WRU (Cut 2 - 2ND CUT)	11801532	4007220807989	1	\$85.81	
200	Roll Case 533 WRU (Cut 3 - SMOOTH)	11801533	4007220807996	1	\$91.38	
250	Roll Case 541 WRU (Cut 1 - BASTARD CUT)	11801541	4007220808009	1	\$105.06	
250	Roll Case 542 WRU (Cut 2 - 2ND CUT)	11801542	4007220808016	1	\$109.42	
250	Roll Case 543 WRU (Cut 3 - SMOOTH)	11801543	4007220808023	1	\$121.23	
Contents: 1 pc each of Flat, Half Round, 3 Square, Square, Round						
Engineer's Files - Special Files						
Lathe Files						
250	1612 DE 250 mm C1	12119253	4007220011713	10	\$44.21	
300	1612 DE 300 mm C1	12119303	4007220011720	5	\$57.17	
Special Files						
Key (Warding) Files						
100	1117 100 mm C2 Hand Profile	11502102	4007220010624	10	\$11.15	
150	1117 150 mm C2 Hand Profile	11502152	4007220010648	10	\$22.17	
100	1127 100 mm C2 Flat Profile	11501102	4007220010532	10	\$11.15	
150	1127 150 mm C2 Flat Profile	11501152	4007220010563	10	\$21.07	
100	1137 100 mm C2 3 Square Profile	11505102	4007220010693	10	\$12.32	
100	1147 100 mm C2 Square Profile	11506102	4007220010716	10	\$11.84	
Key (Warding) Files - Set						
100	6 Piece Key File Set 265 K 100 mm C2	11700265	4007220011362	1	\$107.94	
Tungsten Point Files						
100	1118 A 100 mm C2	11509150	4007220010747	10	\$12.90	
Car Body Files						
350	299 B 350 mm C00	14101357	4007220016268	1	\$123.14	
350	299 B 350 mm C0	14101350	4007220016220	1	\$123.14	
350	299 B 350 mm C1	14101351	4007220016237	1	\$119.42	
350	299 B 350 mm C2	14101352	4007220016244	1	\$128.34	
350	299 B 350 mm C3	14101353	4007220016251	1	\$136.02	
350	299 E 350 mm SC	14107359	4007220016312	1	\$109.09	
350	299 C 350 mm C3	14103353	4007220016299	1	\$109.34	
350	File Holder BH 125/350 350 mm	14202350	4007220016381	1	\$241.61	
Milled Tooth Files						
350	290 350 mm C1 HAND	13101351	4007220015681	1	\$121.50	
Horse Files						
350	Horse Shoe File 3515 350 mm	13180350	4007220809631	1	\$178.54	

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Special Files (continued)						
Saw Sharpening Files - Slim Taper						
100	1237 100 mm C2	11402102	4007220010365	10	\$12.06	
125	1237 125 mm C2	11402122	4007220010389	10	\$13.41	
150	1237 150 mm C2	11402152	4007220010396	10	\$14.86	
175	1237 175 mm C2	11402182	4007220010402	10	\$18.50	
200	1237 200 mm C2	11402202	4007220010419	10	\$22.14	
Saw Sharpening Files - With Handle (POS)						
125	PF 1237 125 mm C2	18800386	4007220124680	1	\$15.07	
150	PF 1237 150 mm C2	18800316	4007220113240	1	\$16.84	
Extra Slim Taper Files						
100	1238 100 mm C2	11403102	4007220010426	10	\$12.27	
125	1238 125 mm C2	11403122	4007220010440	10	\$13.62	
150	1238 150 mm C2	11403152	4007220010457	10	\$15.07	
Extra Slim Taper File - With Handle (POS)						
150	PF 1238 150 mm C2	18800412	4007220125199	1	\$16.84	
Ultra Slim Taper File						
125	1239 125 mm C2	11404122	4007220328286	10	\$13.93	
Sharpening Files						
Mill Saw Files						
200	1212 200 mm C2 (2 Square Edges)	11607203	4007220010914	10	\$11.19	
250	1212 250 mm C2 (2 Square Edges)	11607253	4007220010921	10	\$15.54	
300	1212 300 mm C2 (2 Square Edges)	11607303	4007220010938	10	\$22.38	
250	1212 gr 250 mm C2 (1 Round Edge)	11608253	4007220010976	10	\$37.73	
250	1212 r 250 mm C2 (2 Round Edges)	11609253	4007220011027	10	\$19.89	
150	1212 SP 150 mm C1 (Tapered US Type)	11904151	4007220011546	10	\$12.11	
150	1212 SP 150 mm C3 (Tapered US Type)	11904153	4007220011560	10	\$13.63	
200	1212 SP 200 mm C1 (Tapered US Type)	11904201	4007220011577	10	\$15.39	
200	1212 SP 200 mm C2 (Tapered US Type)	11904202	4007220011584	10	\$15.59	
200	1212 SP 200 mm C3 (Tapered US Type)	11904203	4007220011591	10	\$15.59	
250	1212 SP 250 mm C1 (Tapered US Type)	11904251	4007220011607	10	\$20.21	
250	1212 SP 250 mm C2 (Tapered US Type)	11904252	4007220011614	10	\$21.07	
250	1212 SP 250 mm C3 (Tapered US Type)	11904253	4007220011621	10	\$21.07	
300	1212 SP 300 mm C1 (Tapered US Type)	11904301	4007220011638	5	\$29.80	
300	1212 SP 300 mm C2 (Tapered US Type)	11904302	4007220011645	5	\$30.98	
300	1212 SP 300 mm C3 (Tapered US Type)	11904303	4007220011652	5	\$30.98	
Mill Saw Files - With Handle (POS)						
200	PF 1212 gr 200 mm C2	11270208	4007220542248	1	\$35.29	
200	PF 1212 r 200 mm C2	18800437	4007220125588	1	\$37.30	
250	PF 1212 r 250 mm C2	18800441	4007220125649	1	\$46.16	

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Sharpening Files - Chain Saw Files							
Chain Saw Files							
3.5	412 200 x 3.5 mm (9/64)	11004153	4007220005194	6	\$3.78	 Box - 6 Pieces	
4.0	412 200 x 4.0 mm (5/32)	11016203	4007220005217	6	\$3.78		
4.0	412 200 x 4.0 mm Premium	11037203	4007220021897	6	\$3.78	 Carton - 60 Pieces	
4.5	412 200 x 4.5 mm (11/64)	11017203	4007220005224	6	\$3.78		
4.5	412 200 x 4.5 mm Premium	11038203	4007220021910	6	\$3.78	 Outer - 600 Pieces	
4.8	412 200 x 4.8 mm (3/16)	11018203	4007220005231	6	\$3.78		
4.8	412 200 x 4.8 mm Premium	11039203	4007220021927	6	\$3.78	 Skin Pack - 2 Pieces	
5.16	412 200 x 5.16 mm (13/64)	11020203	4007220005248	6	\$3.78		
5.16	412 200 x 5.16 mm Premium	11040203	4007220021934	6	\$3.78	 Wooden File Handle	
5.5	412 200 x 5.5 mm (7/32)	11022203	4007220005255	6	\$3.78		
5.5	412 200 x 5.5 mm Premium	11041203	4007220021941	6	\$3.78	 Chain Saw File Handle	
6.3	412 200 x 6.3 mm (1/4)	11024203	4007220005262	6	\$6.28		
7.9	412 200 x 7.9 mm (5/16)	11028203	4007220005286	6	\$6.28	 Chain-Sharp	
4.0	4122 SK-4.0 200 mm (Skin Pack)	11081203	4007220005408	2	\$4.41		
4.8	4122 SK-4.8 200 mm (Skin Pack)	11083203	4007220005415	2	\$4.41	 4132 suit CS-X	
5.16	4122 SK-5.16 200 mm (Skin Pack)	18600757	4007220045718	2	\$4.41		
5.5	4122 SK-5.5 200 mm (Skin Pack)	11085203	4007220005422	2	\$4.41		
	HKSF 100/10 - Wooden File Handle (Boxed)	12611010	4007220015407	10	\$5.22		
	FH1 KSF - Ergonomic Chain Saw File Handle	12617110	4007220535707	10	\$7.78		
	Chain-Sharp CS-X-3.2mm	18600742	4007220943731	1	\$75.56		
	Chain-Sharp CS-X-4.0mm	11098040	4007220835913	1	\$75.56		
	Chain-Sharp CS-X-4.8mm	11098048	4007220835920	1	\$75.56		
	Chain-Sharp CS-X-5.16mm	11098051	4007220835937	1	\$75.56		
	Chain-Sharp CS-X-5.5mm	11098055	4007220835944	1	\$75.56		
200	4132 200 mm C2 - Depth Gauge File, CS-X	11692202	4007220831335	10	\$32.09		
150	Gauge File 1213 RUK 150 C2	11610153	4007220011041	10	\$13.83		
Precision Files							
Needle Files							
160	2406 160 mm C2 - Flat	12505083	4007220237502	12	\$15.67		
160	2401 160 mm C2 - Hand	12501083	4007220383971	12	\$14.70		
160	2407 160 mm C2 - 3 Square	12508083	4007220237762	12	\$15.67		
160	2408 160 mm C2 - Square	12511083	4007220238134	12	\$15.67		
160	2405 160 mm C2 - Knife	12506083	4007220237625	12	\$15.67		
160	2402 160 mm C2 - Half Round	12509083	4007220237922	12	\$15.67		
160	2410 160 mm C2 - Round	12512083	4007220238288	12	\$14.70		
Needle Files - Sets							
160	266/16 160 mm C1 - Set (12 pcs)	12704082	4007220235553	1	\$203.53		
160	NFB 2493 160 mm C2 - Set (12 pcs)	12799010	4007220235515	1	\$203.53		
Contents:	1 pc each of Flat Hand Crossing 3 Square Square Round Knife Half-round Barrette Flat with rounded edges Hand with rounded edges Crossing oval						

Files

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Accessories						
General File Handles						
	FH 2-10 (Suits Key Files and Narrow Tangs)	12617120	4007220535714	10	\$5.40	 FH 2 + 3
	FH 3-10 (All Files 100 - 150mm)	12617130	4007220535738	10	\$5.40	
	FH 4/1-10 (Hand, Flat, Half Round, 200 - 250mm)	12617141	4007220535776	10	\$7.02	FH 4 + 5
	FH 4-10 (All other - 200 - 250mm)	12617140	4007220535752	10	\$7.02	FH 4/1
	FH 5/1-10 (Hand, Flat, Half Round, 300 - 350mm)	12617151	4007220535813	10	\$8.10	FH 5/1
	FH 5-10 (All other - 300 - 350mm)	12617150	4007220535790	10	\$8.10	
File and Chain Saw Handles						
	FH 1 KSF (Ergonomic Chain Saw File Handle)	12617110	4007220535707	10	\$7.78	 FH 1 KSF
	HKSF 100/10 (Wooden Chain Saw File Handle)	12611010	4007220015407	10	\$5.22	 HKSF
Needle File Handles						
	NFH 211-3 K (Needle File Handle)	12299004	4007220267783	10	\$69.87	 NFH 211
	NFH 212 (Needle File Handle)	12299010	4007220669532	10	\$38.35	 NFH 212
Cleaning File Brush						
232	HBF 10 ST 0.15 Steel	12601000	4007220015315	5	\$10.94	

General information

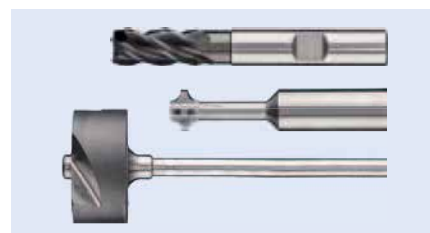
PFERD tools are manufactured in compliance with the highest quality standards. The broad product range offers the best tool solution for every application. Outstanding quality, long tool life and excellent stock removal performance allow economical work with diverse materials, delivering excellent results. PFERD quality is certified according to ISO 9001.



You will receive more information here or at www.pferd.com.au



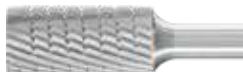
If you have any questions about the optimization of your burr applications, our sales representatives and technical advisors will be happy to help or visit you. PFERD works alongside you to provide application engineering solutions for working with diverse materials.
Visit us: www.pferd.com.au
Or call 1300 073 373



If you cannot find the solution for your particular application in our product range, we produce burrs of premium PFERD quality on request, tailor-made to meet the requirements of your job. Please contact your PFERD sales representative.

Cuts for universal applications

MX-NCC



- Economic choice
- Very good stock removal
- Range of standard shapes & sizes

Cut 3 PLUS (MX according to DIN 8033)



- Cross cut
- Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys
- High stock removal

Cut 5 (F according to DIN 8033)



- Fine machining of cast iron, steel < 60 HRC, stainless steel (INOX) and high-temperature-resistant materials such as nickel-based and cobalt-based alloys
- Good surface

Cuts for high-performance applications

Cut STEEL



- Extremely high stock removal
- performance on steel and cast steel
- Smooth milling
- Reduced vibration and less noise

Cut INOX



- Extremely high stock removal performance on all austenitic, rust- and acid-resistant steels, stainless steel (INOX)
- Substantially reduced vibration and less noise

Cut ALU



- High stock removal performance on aluminium and aluminium alloys, light metals, non-ferrous metals and plastics
- Smooth milling

Cut NON-FERROUS



- High stock removal performance on non-ferrous metals, brass, copper, plastics and fibre-reinforced plastic
- Universally usable

Cut CAST



- Extremely high stock removal performance on cast iron
- Smooth milling
- Reduced vibration and less noise

Cut EDGE



- Creates exact edge shapes – with either 30°- or 45°-chamfering or a defined radius of 3.0mm
- Safe and comfortable to guide

Cut TOUGH



- High stock removal performance on cast iron, steel < 55 HRC
- High stock removal
- Extreme impact resistance
- Also suitable for use with high surface contact angles > 1/3 and under impact loads

Cut MICRO



- Good stock removal on almost all materials < 68 HRC
- High surface quality
- Reduced vibration and less noise

Cut TITANIUM



- Specially developed for machining hard titanium materials (tensile strength > 500N/mm²)
- Extremely high stock removal
- Low vibration and noise

Tungsten Carbide Burrs

Burr shapes and applications



TC burrs for universal applications are suitable for fine and coarse stock removal on the key materials used in industrial manufacturing. They provide a good stock removal rate and are not specific to a particular material.

Advantages:

- Good stock removal rate through optimum matching of tungsten carbide, geometry, cut and available coating
- Long tool life
- Reduced wear on the tool drive due to impact-free work without chatter marks, thanks to the high concentricity
- High surface quality

Matching tool drives:

- Flexible shaft drive
- Straight grinder
- Robot
- Machine tools

Materials that can be worked:

- Steel, cast steel
- Stainless steel (INOX)
- Non-ferrous metals
- Cast iron

Applications:

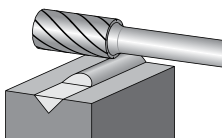
- Milling out
- Levelling
- Deburring
- Cutting out holes
- Surface work
- Work on weld seams

Recommendations for use:

- If possible, use the tools on powerful drives with elastically mounted spindles to avoid vibration
- For the cost-effective use of burrs, work with higher rotational/cutting speeds. Power recommendation for tool drives: -Shank diameter of 3 mm: 75 to 300 watts -Shank diameter of 6 mm: from 300 watts
- Please observe the rotational speed recommendations.

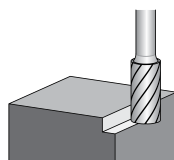
Burr shapes and their applications

Cylindrical



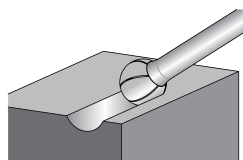
ZYA

Cylindrical end cut



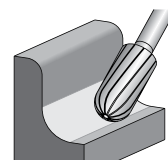
ZYAS

Ball



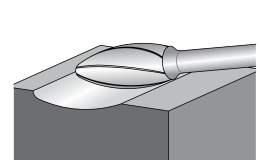
KUD

Cylindrical radius end



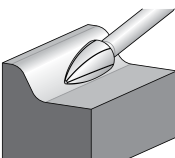
WRC

Flame



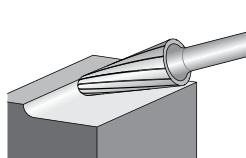
B

Pointed tree



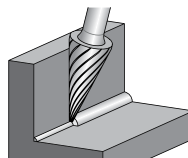
SPG

Cone radius end



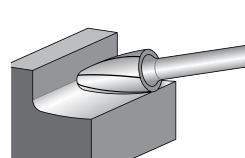
KEL

Pointed cone



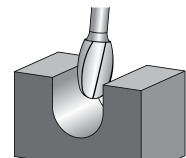
SKM

Tree radius end



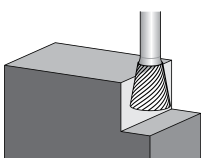
RBF

Oval



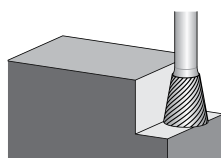
TRE

Inverted cones



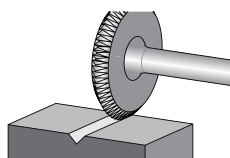
WKN

Inverted cones end cut



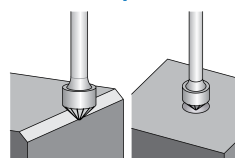
WKNS

Rim shape



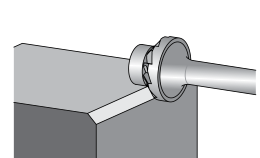
N

Conical counterbore shape 90°



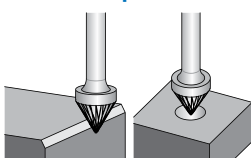
KSK

EDGE 45°



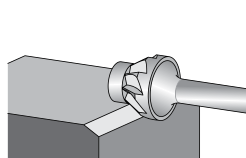
KSK EDGE

Conical counterbore shape 60°



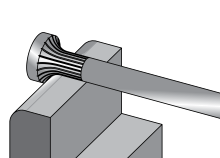
KSJ

EDGE 30°



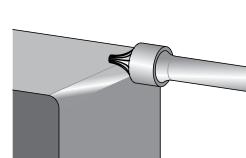
KSJ EDGE

Radius burrs



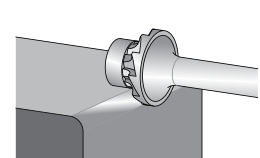
R

Concave radius burrs



V

EDGE 30°



V EDGE

Recommended rotational speed range [RPM]

To determine the recommended cutting speed range [m/min], please proceed as follows:

- 1 Select the material group to be machined
- 2 Determine the type of application
- 3 Select the cut
- 4 Establish the cutting speed range
- 5 Select the required burr diameter
- 6 The cutting speed range and the burr diameter determine the recommended rotational speed range



1 Material group			2 Application	3 Cut	4 Cutting speed
Steel, cast steel	Steels up to 1,200 N/mm ² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, casehardened steels, cast steel, alloyed steels	Coarse stock removal	1	600–900 m/min
				3 PLUS	450–600 m/min
				HICOAT HC-FEP	450–750 m/min
	Hardened, heat-treated steels over 1,200 N/mm ² (> 38 HRC)	Tool steels, tempering steels, alloyed steels, cast steel	Fine stock removal	5	450–600 m/min
				3	250–350 m/min
			Coarse stock removal	3 PLUS	
				4	250–450 m/min
				HICOAT HC-FEP	
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	Fine stock removal	5	350–450 m/min
				1	250–450 m/min
			Coarse stock removal	3	250–350 m/min
				3 PLUS	
				4	250–450 m/min
				5	350–450 m/min
Non-ferrous metals	Soft non-ferrous metals	Aluminium alloys	Coarse stock removal	1	600–900 m/min
		Brass, copper, zinc	Coarse stock removal	1	600–900 m/min
			Fine stock removal	3	450–600 m/min
	Hard non-ferrous metals	Bronze, titanium/titanium alloys, hard aluminium alloys (high Si content)	Coarse stock removal	3	250–350 m/min
			Fine stock removal	4	
	High-temperature-resistant materials	Nickel-based and cobalt-based alloys (engine and turbine construction)	Coarse stock removal	5	350–450 m/min
				3 PLUS	250–450 m/min
			Fine stock removal	4	
				5	350–600 m/min
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL (GG), with nodular graphite/nodular cast iron EN-GJS (GGG), white annealed cast iron EN-GJMW (GTW), black cast iron EN-GJMB (GTS)	Coarse stock removal	1	600–900 m/min
				3 PLUS	450–600 m/min
			Fine stock removal	3	450–600 m/min

Example:
TC burr,
3 PLUS cut,
burr dia. 12 mm.
Coarse stock removal on steels
up to 1,200 N/mm².
Cutting speed: 450–600 m/min
Rotational speed range:
12,000–16,000 RPM

Safety note:



Please observe the reduced rotational speeds for long-shank versions.

5 Burr dia. [mm]	6 Cutting speeds [m/min]					
	250	350	450	600	750	900
	Rotational speed [RPM]					
1.5	53,000	74,000	95,000	127,000	159,000	191,000
1.5	53,000	74,000	95,000	127,000	159,000	191,000
2	40,000	56,000	72,000	95,000	119,000	143,000
3	27,000	37,000	48,000	64,000	80,000	95,000
4	20,000	28,000	36,000	48,000	60,000	72,000
6	13,000	19,000	24,000	32,000	40,000	48,000
8	10,000	14,000	18,000	24,000	30,000	36,000
10	8,000	11,000	14,000	19,000	24,000	29,000
12	7,000	9,000	12,000	16,000	20,000	24,000
16	5,000	7,000	9,000	12,000	15,000	18,000
20	4,000	6,000	7,000	10,000	12,000	14,000
25	3,000	4,000	6,000	8,000	10,000	11,000

Tungsten Carbide Burrs

Recommendations for use & instances of misuse



Recommendations for use:

An optimum rotational speed and power output for the tool drive (airpowered or electric grinders, flexible shaft drive) are required for cost-effective use of tungsten carbide burrs.



If possible, use the tools on powerful drives with elastically mounted spindles to avoid vibration.

For cost-effective use of burrs with a shank diameter > 6 mm, a tool drive output of 300–500 watts is required when used at a higher rotational speed and cutting speed.

Use the highest rotational speed possible within the recommended rotational speed and cutting speed ranges.

For applications with low stock removal (deburring, chamfering, minor work on surfaces), the rotational speed can be increased by up to 100 % (this excludes tungsten carbide burrs with long shanks).

Safety note:



= Wear eye protection!



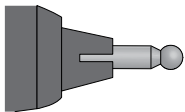
= Wear hearing protection!



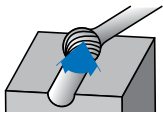
= Observe the recommended rotational speed, especially when using burrs with long shanks!



= Wearing protective gloves is recommended. Handle the tool drive with both hands.

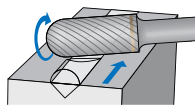


Use only rigid clamping systems and drives as impacts on the tools and tool chatter lead to premature wear.



1/3 of the total surface

The burr surface in contact with the workpiece must not exceed 1/3 of the total burr surface. Failure to comply with this recommendation will result in rough milling behaviour and possibly in broken teeth. If this cannot be avoided, we recommend using the TOUGH and TOUGH-S cuts.



In general, burrs are used counterrotationally or with a swinging motion. To achieve fine finishes, pass the tool rapidly over the workpiece in the direction of rotation.

In direction of rotation = fine finish

Avoiding misuse

Figure	Consequences of misuse	Solution	Figure	Consequences of misuse	Solution
	The burr becomes logged during use.	Use the correct cut for the material being machined. Use tools with a HICOAT coating or use grinding oil.		The shank breaks.	Only use rigid drives and undamaged clamping systems, and replace them if necessary.
	Pronounced discolouration can be seen in the transition between the toothed section and the shank.*	Observe the recommended rotational speeds and/or reduce the contact pressure and surface contact angle.		The clamping length is incorrect.	Do not choose a burr clamping depth that is too small. In general, the minimum clamping depth is 2/3 of the shank length (does not apply to burrs with long shanks).
	The toothed section detaches from the shank.				
	There are flying sparks.	Reduce the rotational speed and contact pressure and make sure that the surface contact angle is no more than 1/3 of the burr surface.		There are flying sparks.	Observe the recommended rotational speeds and safety notes for burrs with a long shank.
	Parts break off from the toothed section.	Avoid impact loads when using the tool.		Signs of wear such as rough running and strong vibrations occur, as well as increased flying sparks.	Do not use burrs beyond the end of their service life. Use a new burr instead.

* On TC burrs designed for high-performance applications, blue discolouration is extremely difficult to avoid on account of the very high stock removal rate. However, this does not constitute a safety risk.

Hole saws are made from tough, shatter-proof, sturdy HSS bimetal. The saw teeth are made from high-quality M42 material. A selection of the most common HSS hole saws is available as sets for tradespeople, fitters, electricians and mechanics.

Advantages:

- Cost-effective sawing of round cut-outs
- Chattering during sawing is prevented by the alternating tooth pitch
- High concentricity
- Good chip removal
- The hole saw is conveniently centred and guided via the replaceable HSS pilot drill
- Hole saw arbor is supplied with an ejection spring for improved ejection of the sawn material

Materials that can be worked:

- Steel
- Stainless steel (INOX)
- Aluminium
- Copper, bronze, brass
- Plastics
- Wood

Applications:

- Cutting out holes

Recommendations for use:

- Observe the recommended rotational speed.
- Clamp the pilot drill in the hole saw arbor and make sure that it projects at least 3 mm (1/8") over the teeth of the hole saw.
- When cutting metals, use a high-quality cutting oil, if possible. This facilitates smooth running and lengthens the hole saw service life.
Exception: When working on aluminium, use kerosene instead of cutting oil.
- HSS hole saws are suitable for work on stainless steel (INOX). In order to avoid corrosion, remove any particles which develop during work from the workpiece. Clean the workpiece chemically or mechanically (etching/polishing, etc.).
- Make sure that all the teeth are applied evenly. To prevent tooth breakage, avoid swinging movements during sawing.
- Avoid overheating the saw.

Matching tool drives:

- Power drill



Safety notes:

- When using shank extensions, the recommended hole saw rotational speed must not be exceeded. Risk of accidents!



= Wear eye protection!



= Follow the safety instructions!

Example applications for HSS hole saws and TC hole cutters

Dia. [mm]	Applications
25.0	Plumbing and heating pipes
30.0	Plumbing and heating pipes
32.0	Sink fittings with dia. 32 mm
35.0	Plumbing and heating pipes, hollow wall junction boxes, halogen spots
40.0	Plumbing and waste pipes
45.0	Water and heating pipes

Dia. [mm]	Applications
50.0	Water and heating pipes with insulation
55.0	Built-in lights with dia. 55 mm
60.0	Built-in lights with dia. 60 mm
68.0	Pattress boxes with dia. 68 mm
70.0	Hollow wall junction boxes with dia. 70 mm

Dia. [mm]	Applications
74.0	Hollow wall junction boxes with dia. 74 mm
80.0	Distribution boxes, built-in lights, cable opening covers with dia. 80 mm
90.0	Built-in lights with dia. 90 mm
105.0	Waste air pipes



HSS Drill Bits

Recommendations for use



Recommended rotational speed range [RPM]

To determine the recommended cutting speed range [m/min], please proceed as follows:

- ❶ Select the material group to be machined
- ❷ Select the type
- ❸ Establish the cutting speed range

To determine the recommended rotational speed range [RPM], please proceed as follows:

- ❹ Select the required diameter
- ❺ The cutting speed range and the diameter determine the recommended rotational speed range

❶ Material group			❷ Type	❸ Cutting speed
Steel, cast steel	Steels up to 700 N/mm ² (< 220 HB)	Construction steels, carbon steels, tool steels, alloyed and non-alloyed steels, case-hardened steels, cast steel	STEEL	25–35 m/min
	Steels over 700 N/mm ² (> 220 HB)		STEEL INOX	20–25 m/min
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	INOX	10–20 m/min
Non-ferrous metals	Soft non-ferrous metals	Aluminium alloys Brass, copper, zinc	STEEL INOX	30–60 m/min
	Hard non-ferrous metals	Bronze, titanium/titanium alloys, hard aluminium alloys (high Si content)	STEEL INOX	25–50 m/min
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL (GG), with nodular graphite/nodular cast iron EN-GJS (GGG), white annealed cast iron EN-GJMW (GTW), black cast iron EN-GJMB (GTS)	STEEL	10–25 m/min
			INOX	
Plastics, other materials	Fibre-reinforced thermoplastics and duroplastics, hard rubber, wood		STEEL	15–40 m/min
			INOX	

Example:
Spiral drill,
SPB DIN 338 HSSG N 12.0 STEEL,
Tool dia. 12 mm.
Steels up to 700 N/mm²
Cutting speed: 25–35 m/min.
Rotational speed range: 650–950 RPM



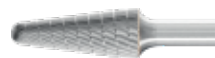
❹ Tool dia. [mm]	❺ Cutting speeds [m/min]								
	10	15	20	25	30	35	40	50	60
	Rotational speed [RPM]								
1.00	3,200	4,800	6,350	7,950	9,550	11,150	12,750	15,900	19,100
1.50	2,100	3,200	4,250	5,300	6,350	7,450	8,500	10,600	12,750
1.60	2,000	3,000	4,000	5,000	6,000	7,000	8,000	10,000	12,000
2.00	1,600	2,400	3,200	4,000	4,800	5,550	6,350	7,950	9,550
2.50	1,250	1,900	2,550	3,200	3,800	4,450	5,100	6,350	7,650
3.00	1,050	1,600	2,100	2,650	3,200	3,700	4,250	5,300	6,350
3.10	1,000	1,550	2,050	2,600	3,100	3,600	4,100	5,150	6,200
3.30	950	1,450	1,950	2,400	2,900	3,400	3,850	4,850	5,800
3.40	900	1,400	1,900	2,350	2,800	3,300	3,750	4,700	5,600
3.50	900	1,350	1,800	2,300	2,750	3,200	3,650	4,550	5,450
3.60	900	1,350	1,800	2,250	2,650	3,100	3,550	4,450	5,300
4.00	800	1,200	1,600	2,000	2,400	2,800	3,200	4,000	4,800
4.10	800	1,150	1,550	1,950	2,350	2,750	3,100	3,900	4,650
4.20	800	1,150	1,550	1,900	2,300	2,650	3,050	3,800	4,550
4.40	750	1,100	1,450	1,800	2,200	2,550	2,900	3,600	4,350
4.50	700	1,050	1,400	1,750	2,100	2,500	2,850	3,550	4,250
5.00	650	950	1,250	1,600	1,900	2,250	2,550	3,200	3,800
5.10	650	950	1,250	1,550	1,900	2,200	2,500	3,150	3,750
5.20	650	950	1,250	1,550	1,850	2,150	2,450	3,050	3,700
5.30	600	900	1,200	1,500	1,800	2,100	2,400	3,000	3,600
5.50	600	850	1,150	1,450	1,750	2,050	2,300	2,900	3,450
6.00	550	800	1,050	1,350	1,600	1,850	2,100	2,650	3,200
6.50	500	750	1,000	1,250	1,450	1,700	1,950	2,450	2,950
6.80	450	700	950	1,200	1,400	1,650	1,900	2,350	2,800
7.00	450	700	900	1,150	1,350	1,600	1,800	2,300	2,750
7.50	450	650	850	1,050	1,250	1,500	1,700	2,100	2,550
8.00	400	600	800	1,000	1,200	1,400	1,600	2,000	2,400
8.50	400	550	750	950	1,100	1,300	1,500	1,850	2,250
9.00	350	550	700	900	1,050	1,250	1,400	1,750	2,100
9.50	350	500	650	850	1,000	1,150	1,350	1,700	2,000
10.00	300	500	650	800	950	1,100	1,250	1,600	1,900
10.20	300	500	650	800	950	1,100	1,250	1,600	1,900
10.50	300	450	600	750	900	1,050	1,200	1,500	1,800
11.00	300	450	600	700	850	1,000	1,150	1,450	1,750
11.50	300	400	550	700	850	1,000	1,100	1,400	1,700
12.00	250	400	550	650	800	950	1,050	1,350	1,600
12.50	250	400	500	650	800	900	1,000	1,300	1,550
13.00	250	350	500	600	750	850	1,000	1,250	1,450

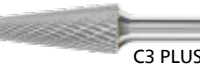
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Standard Shapes GP - Economy Line MX-NCC	23	Carbide Burr Sets - 1/4" Cut MX-NCC	26	Standard Shapes - SPG Pointed Tree	29
Standard Shapes GP - ZYA Cylindrical MX-NCC	23	Carbide Burr Sets - 1/4" Cut 3 PLUS	26	Standard Shapes - SKM Conical Pointed	29
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Extended Shank - 1/4" x 6" Cut 3 PLUS	26	Standard Shapes - KUD Ball Shape	29	Drill Bit Sets - STEEL	34

Cuts for universal applications			
MX-NCC  - Economic choice - Very good stock removal - Range of standard shapes & sizes		Cut 3 PLUS (MX according to DIN 8033)  - Cross cut - Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys - High stock removal	
Cuts for high-performance applications			
Cut STEEL  - Extremely high stock removal performance - on steel and cast steel - Smooth milling - Reduced vibration and less noise		Cut ALU  - High stock removal performance on aluminium and aluminium alloys, light metals, non-ferrous metals and plastics - Smooth milling	
Cut INOX  - Extremely high stock removal performance on all austenitic, rust- and acid-resistant steels, stainless steel (INOX) - Substantially reduced vibration and less noise		Cut TOUGH  - High stock removal performance on cast iron, steel < 55 HRC - High stock removal - Extreme impact resistance - Suitable for use with high surface contact angles > 1/3 and under impact loads	

Head size inches	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 1/4" Shank							
Standard Shapes GP - Economy Line MX-NCC							
ZYA Cylindrical MX-NCC		US Designation					 MX-NCC
1/4 x 5/8	ZYA 6.35x15.9x6.35 MX-NCC	SA-1	26007209	4007220138960	1	\$32.59	
5/16 x 3/4	ZYA 7.9x19x6.35 MX-NCC	SA-2	26007210	4007220138991	1	\$39.84	
3/8 x 3/4	ZYA 9.5x19x6.35 MX-NCC	SA-3	26007211	4007220139004	1	\$43.46	
1/2 x 1	ZYA 12.7x25.4x6.35 MX-NCC	SA-5	26006773	4007220020418	1	\$65.19	
WRC Cylindrical Radius End MX-NCC							
1/4 x 5/8	WRC 6.35x15.9x6.35 MX-NCC	SC-1	26007212	4007220139011	1	\$32.59	 MX-NCC
5/16 x 3/4	WRC 7.9x19x6.35 MX-NCC	SC-2	26006766	4007220019528	1	\$36.22	
3/8 x 3/4	WRC 9.5x19x6.35 MX-NCC	SC-3	26006772	4007220020401	1	\$41.85	
1/2 x 1	WRC 12.7x25.4x6.35 MX-NCC	SC-5	26006770	4007220020388	1	\$60.36	
5/8 x 1	WRC 15.9x25.4x6.35 MX-NCC	SC-6	26007213	4007220139028	1	\$101.41	
KUD Ball Shape MX-NCC							
3/8 x 5/16	KUD 9.5x7.9x6.35 MX-NCC	SD-3	26007214	4007220139035	1	\$50.70	 MX-NCC
TRE Oval Shape MX-NCC							
3/8 x 5/8	TRE 9.5x15.9x6.35 MX-NCC	SE-3	26007215	4007220139042	1	\$44.26	 MX-NCC
1/2 x 7/8	TRE 12.7x22.2x6.35 MX-NCC	SE-5	26007216	4007220139066	1	\$83.30	

Burrs

Head size inch	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 1/4" Shank (continued)							
RBF Tree Radius MX-NCC			US Designation				 MX-NCC
1/4 x 5/8	RBF 6.35x15.9x6.35 MX-NCC	SF-1	26007217	4007220139080	1	\$39.84	
3/8 x 3/4	RBF 9.5x19x6.35 MX-NCC	SF-3	26007218	4007220139097	1	\$48.29	
1/2 x 1	RBF 12.7x25.4x6.35 MX-NCC	SF-5	26006769	4007220020371	1	\$52.32	
SPG Pointed Tree MX-NCC							 MX-NCC
3/8 x 3/4	SPG 9.5x19x6.35 MX-NCC	SG-3	26007219	4007220139103	1	\$42.66	
1/2 x 1	SPG 12.7x25.4x6.35 MX-NCC	SG-5	26006768	4007220020364	1	\$53.94	
B Flame Shape MX-NCC							 MX-NCC
5/16 x 3/4	B 7.9x19x6.35 MX-NCC	SH-2	26007220	4007220139110	1	\$55.78	
1/2 x 1 1/4	B 12.7x31.7x6.35 MX-NCC	SH-5	26006771	4007220020395	1	\$77.51	
KEL Cone Radius End MX-NCC							 MX-NCC
3/8 x 3/4	KEL 10x20x6.35 MX-NCC	SL-3	26006774	4007220020425	1	\$47.09	
1/2 x 1 1/8	KEL 12x30x6.35 MX-NCC	SL-5	26006767	4007220139141	1	\$62.77	
SKM Pointed Cone MX-NCC							 MX-NCC
1/4 x 3/4	SKM 6.35x19x6.35 MX-NCC	SM-1	26007221	4007220139127	1	\$38.39	
1/2 x 1	SKM 12.7x25.4x6.35 MX-NCC	SM-5	26007222	4007220020357	1	\$67.37	
Premium Universal & High Performance Range							
ZYA Cylindrical							 C3 PLUS  ALU  INOX  STEEL  TOUGH
1/4 x 5/8	ZYA 6.35x15.9x6.35 C3 PLUS	SA-1	21724032	4007220052471	1	\$43.36	
5/16 x 3/4	ZYA 7.9x19x6.35 C3 PLUS	SA-2	21724052	4007220052501	1	\$57.52	
3/8 x 3/4	ZYA 9.5x19x6.35 C3 PLUS	SA-3	21724062	4007220052532	1	\$69.17	
3/8 x 3/4	ZYA 9.5x19x6.35 INOX	SA-3	21724067	4007220921661	1	\$86.87	
3/8 x 3/4	ZYA 9.5x19x6.35 STEEL	SA-3	21724068	4007220946398	1	\$86.81	
3/8 x 3/4	ZYA 1020/6.35 TOUGH	SA-3	21722152	4007220796634	1	\$82.31	
1/2 x 1	ZYA 12.7x25.4x6.35 C3 PLUS	SA-5	21724102	4007220052594	1	\$87.54	
1/2 x 1	ZYA 12.7x25.4x6.35 ALU	SA-5	21724105	4007220266243	1	\$96.86	
1/2 x 1	ZYA 12.7x25.4x6.35 INOX	SA-5	21724107	4007220921678	1	\$100.69	
1/2 x 1	ZYA 12.7x25.4x6.35 STEEL	SA-5	21724108	4007220946404	1	\$100.73	
1/2 x 1	ZYA 1225/6.35 TOUGH	SA-5	21722156	4007220796610	1	\$97.96	
3/4 x 1	ZYA 19x25.4x6.35 C3 PLUS	SA-7	21724122	4007220052655	1	\$166.08	
1 x 1	ZYA 25.4x25.4x6.35 C3 PLUS	SA-9	21724162	4007220052693	1	\$274.94	
WRC Cylindrical Radius End							 C3 PLUS  ALU  INOX  STEEL  TOUGH
1/4 x 5/8	WRC 6.35x15.9x6.35 C3 PLUS	SC-1	21724392	4007220053058	1	\$54.16	
1/4 x 5/8	WRC 6.35x15.9x6.35 ALU	SC-1	21724395	4007220463819	1	\$54.16	
5/16 x 3/4	WRC 7.9x19x6.35 C3 PLUS	SC-2	21724412	4007220053089	1	\$59.93	
3/8 x 3/4	WRC 9.5x19x6.35 C3 PLUS	SC-3	21724422	4007220053102	1	\$67.42	
3/8 x 3/4	WRC 9.5x19x6.35 ALU	SC-3	21724425	4007220266267	1	\$67.42	
3/8 x 3/4	WRC 9.5x19x6.35 INOX	SC-3	21724427	4007220921685	1	\$90.40	
3/8 x 3/4	WRC 9.5x19x6.35 STEEL	SC-3	21724428	4007220946411	1	\$90.58	
3/8 x 3/4	WRC 1020/6.35 TOUGH	SC-3	21722212	4007220796696	1	\$73.51	
1/2 x 1	WRC 12.7x25.4x6.35 C3 PLUS	SC-5	21724462	4007220053164	1	\$93.47	
1/2 x 1	WRC 12.7x25.4x6.35 ALU	SC-5	21724465	4007220266274	1	\$93.47	
1/2 x 1	WRC 12.7x25.4x6.35 INOX	SC-5	21724467	4007220921692	1	\$116.00	
1/2 x 1	WRC 12.7x25.4x6.35 STEEL	SC-5	21724468	4007220946428	1	\$115.94	
1/2 x 1	WRC 1225/6.35 TOUGH	SC-5	21722216	4007220796719	1	\$102.85	
5/8 x 1	WRC 15.9x25.4x6.35 C3 PLUS	SC-6	21724472	4007220053195	1	\$125.27	
3/4 x 1	WRC 19x25.4x6.35 C3 PLUS	SC-7	21724482	4007220053225	1	\$156.23	

Head size inch	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 1/4" Shank (continued)							
KUD Ball Shape		US Designation					
1/4 x 3/16	KUD 6.35x4.8x6.35 C3 PLUS	SD-1	21724542	4007220053324	1	\$40.00	 C3 PLUS
5/16 x 1/4	KUD 7.9x6.35x6.35 C3 PLUS	SD-2	21724552	4007220053355	1	\$43.36	
3/8 x 5/16	KUD 9.5x7.9x6.35 C3 PLUS	SD-3	21724562	4007220053379	1	\$51.01	
1/2 x 7/16	KUD 12.7x11.1x6.35 C3 PLUS	SD-5	21724582	4007220053430	1	\$60.76	
1/2 x 3/8	KUD 1210/6.35 TOUGH	SD-5	21722244	4007220796740	1	\$66.90	
TRE Oval Shape							
1/4 x 3/8	TRE 6.35x9.5x6.35 C3 PLUS	SE-1	21724632	4007220053546	1	\$47.19	 C3 PLUS
3/8 x 5/8	TRE 9.5x15.9x6.35 C3 PLUS	SE-3	21724642	4007220053560	1	\$75.83	
3/8 x 5/8	TRE 1016/6.35 TOUGH	SE-3	21722260	4007220796764	1	\$97.63	
1/2 x 7/8	TRE 12.7x22.2x6.35 C3 PLUS	SE-5	21724652	4007220053591	1	\$88.76	
1/2 x 7/8	TRE 12.7x22.2x6.35 ALU	SE-5	21724655	4007220266373	1	\$88.76	
RBF Tree Radius							
1/4 x 5/8	RBF 6.35x15.9x6.35 C3 PLUS	SF-1	21724692	4007220053669	1	\$53.04	 C3 PLUS
1/4 x 5/8	RBF 6.35x15.9x6.35 ALU	SF-1	21724695	4007220463840	1	\$53.04	
3/8 x 3/4	RBF 9.5x19x6.35 C3 PLUS	SF-3	21724702	4007220053690	1	\$77.56	
3/8 x 3/4	RBF 9.5x19x6.35 ALU	SF-3	21724705	4007220266403	1	\$77.56	
3/8 x 3/4	RBF 9.5x19x6.35 INOX	SF-3	21724707	4007220921708	1	\$103.45	
3/8 x 3/4	RBF 9.5x19x6.35 STEEL	SF-3	21724708	4007220946435	1	\$103.47	 INOX
1/2 x 1	RBF 12.7x25.4x6.35 C3 PLUS	SF-5	21724722	4007220053751	1	\$85.29	
1/2 x 1	RBF 12.7x25.4x6.35 ALU	SF-5	21724725	4007220266410	1	\$85.29	
1/2 x 1	RBF 12.7x25.4x6.35 INOX	SF-5	21724727	4007220921715	1	\$115.84	
1/2 x 1	RBF 12.7x25.4x6.35 STEEL	SF-5	21724728	4007220946442	1	\$115.78	
1/2 x 3/4	RBF 12.7x19x6.35 C3 PLUS	SF-5	21724732	4007220053782	1	\$86.97	 TOUGH
1/2 x 1	RBF 1225/6.35 TOUGH	SF-5	21722276	4007220796771	1	\$93.91	
SPG Pointed Tree							
1/4 x 5/8	SPG 6.35x15.9x6.35 C3 PLUS	SG-1	21724782	4007220053874	1	\$51.31	 C3 PLUS
3/8 x 3/4	SPG 9.5x19x6.35 C3 PLUS	SG-3	21724802	4007220053935	1	\$73.21	
3/8 x 3/4	SPG 9.5x19x6.35 STEEL	SG-3	21724808	4007220946459	1	\$99.13	
3/8 x 3/4	SPG 1020/6.35 TOUGH	SG-3	21722294	4007220796795	1	\$80.59	
1/2 x 1	SPG 12.7x25.4x6.35 C3 PLUS	SG-5	21724812	4007220053966	1	\$83.37	
1/2 x 1	SPG 12.7x25.4x6.35 STEEL	SG-5	21724818	4007220946466	1	\$114.93	 TOUGH
1/2 x 1	SPG 1225/6.35 TOUGH	SG-5	21722296	4007220796801	1	\$91.71	
B Flame Shape							
5/16 x 3/4	B 7.9x19x6.35 C3 PLUS	SH-2	21724872	4007220054055	1	\$62.87	 C3 PLUS
1/2 x 1 1/4	B 12.7x31.7x6.35 C3 PLUS	SH-5	21724882	4007220054079	1	\$111.07	
KEL Cone Radius End							
5/16 x 1	KEL 8.3x25.8x6.35 C3 PLUS	SL-2	21725142	4007220054406	1	\$69.67	 C3 PLUS
3/8 x 1 1/8	KEL 9.9x30.3x6.35 C3 PLUS	SL-3	21725152	4007220054437	1	\$75.70	
3/8 x 1 1/8	KEL 9.5x28.6x6.35 INOX	SL-3	21725157	4007220921739	1	\$101.37	
1/2 x 1 1/8	KEL 12.7x28.6x6.35 C3 PLUS	SL-4	21725162	4007220054468	1	\$97.16	
1/2 x 1 1/8	KEL 12.7x28.6x6.35 ALU	SL-4	21725165	4007220266380	1	\$97.16	
1/2 x 1 1/8	KEL 12.7x28.6x6.35 INOX	SL-4	21725167	4007220921722	1	\$146.89	 INOX
1/2 x 1 1/8	KEL 12.7x28.6x6.35 STEEL	SL-5	21725168	4007220946701	1	\$146.96	
1/2 x 1	KEL 1225/6.35 TOUGH	SL-5	21722346	4007220796825	1	\$106.89	
SKM Pointed Cone							
1/4 x 3/4	SKM 6.35x19x6.35 C3 PLUS	SM-1	21725212	4007220054567	1	\$60.11	 C3 PLUS
3/8 x 3/4	SKM 9.5x19x6.35 C3 PLUS	SM-3	21725232	4007220054604	1	\$97.80	
1/2 x 1	SKM 12.7x25.4x6.35 C3 PLUS	SM-5	21725242	4007220054635	1	\$109.90	



Burrs

Head size inch	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Tungsten Carbide Burrs - 1/4" Shank							
Extended Shank - 1/4" x 6"							
- HSS shanks can be cut to length		US Designation					
3/8 x 3/4	ZYA 9.5x19x6.35-150 C3 PLUS	SA-3 L4	21725812	4007220054819	1	\$127.54	 ZYA Series
1/2 x 1	ZYA 12.7x25.4x6.35-150 C3 PLUS	SA-5 L4	21725822	4007220054833	1	\$131.13	 WRC Series
3/8 x 3/4	WRC 9.5x19x6.35-150 C3 PLUS	SC-3 L4	21725872	4007220054857	1	\$130.09	 KUD Series
1/2 x 1	WRC 12.7x25.4x6.35-150 C3 PLUS	SC-5 L4	21725882	4007220054871	1	\$146.28	 TRE Series
1/2 x 7/16	KUD 12.7x11.1x6.35-150 C3 PLUS	SD-5 L4	21725942	4007220054918	1	\$103.59	 RBF Series
1/4 x 3/8	TRE 6.35x9.5x6.35-150 C3 PLUS	SE-1 L4	21725982	4007220271193	1	\$82.46	 KEL Series
3/8 x 3/4	RBF 9.5x19x6.35-150 C3 PLUS	SF-3 L4	21726052	4007220054970	1	\$91.82	
1/2 x 1	RBF 12.7x25.4x6.35-150 C3 PLUS	SF-5 L4	21726062	4007220054994	1	\$134.11	
3/8 x 1 1/16	KEL 9.5x28.6x6.35-150 C3 PLUS	SL-3 L4	21726222	4007220055090	1	\$124.57	
Tungsten Carbide Burr Sets							
Carbide Burr Sets - 1/4" - Cut MX-NCC							
Assorted	4 Piece Set	75609063	4007220156735	1	\$178.08		
Contents:	SA-1, SC-1, SF-5, SG-3						
Assorted	8 Piece Set	75609064	4007220156742	1	\$388.89		
Contents:	SA-1, SC-1, SC-3, SC-5, SF-5, SL-3, SM-1, SD-3						
Carbide Burr Sets - 1/4" - CUT 3 PLUS							
Assorted	5 Piece Set - 1505	26005693	4007220818046	1	\$236.93		
Contents:	SA-1, SC-1, SC-5, SF-5, SG-3						
Assorted	10 Piece Set - 1510	26005694	4007220818053	1	\$479.50		
Contents:	SA-1, SA-3, SC-1, SC-3, SC-5, SD-3, SE-3, SF-1, SF-5, SG-3						
Carbide Burr Sets - 1/4" - Cut TOUGH							
Unique construction resists chipping							
Assorted	5 Piece Set	26006171	4007220904091	1	\$367.24		
Contents:	SA-3, SC-3, SC-5, SF-5, SG-5						
Assorted	10 Piece Set	26006172	4007220904107	1	\$719.30		
Contents:	SA-3, SA-5, SC-3, SC-5, SD-5, SE-5, SF-5, SG-3, SG-5, SL-4						
Carbide Burr Set - 1/4" - Cut STEEL							
Exclusive steel cut gives longer and faster cut							
Assorted	5 Piece Set	26000013	4007220958681	1	\$475.08		
Contents:	1 piece each of ZYA 12.7x25.4x6.35 STEEL, WRC 12.7x25.4x6.35 STEEL, SPG 12.7x25.4x6.35 STEEL, RBF 12.7x25.4x6.35 STEEL, KEL 13.1x32.3x6.35 STEEL						
Carbide Burr Set - 1/4" - Cut INOX Stainless Steel							
Exclusive INOX cut gives longer and faster cut							
Assorted	8 Piece Set	75604535	4007220945902	1	\$855.08		
Contents:	1 piece each of ZYA 9.5x19x6.35 INOX, ZYA 12.7x25.4x6.35 INOX, WRC 9.5x19x6.35 INOX, WRC 12.7x25.4x6.35 INOX, RBF 9.5x19x6.35 INOX, RBF 12.7x25.4x6.35 INOX, KEL 9.5x28.6x6.35 INOX, KEL 12.7x28.6x6.35 INOX						
Carbide Burr Set - 1/4" - Cut ALU Aluminium							
Assorted	5 Piece Set	26005695	4007220818060	1	\$359.43		
Contents:	TC-C 1458-4 ALU, TC-C 121-4 ALU, TC-E 1278-4 ALU, TCF-121-4 ALU, TC-L 12118-4 ALU						

Cuts for universal applications

Cut 3 PLUS (MX according to DIN 8033)



- Cross cut
- Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys
- High stock removal

Cut 5 (F according to DIN 8033)



- Fine machining of cast iron, steel < 60 HRC, stainless steel (INOX) and high-temperature-resistant materials such as nickel-based and cobalt-based alloys
- Good surface

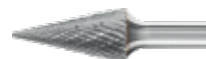
Head size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Miniature Burrs - 3mm Shank						
ZYAS Cylindrical (End Cut)						
2 x 10	ZYAS 0210/3 C5	21200153	4007220049464	1	\$33.15	
3 x 13	ZYAS 0313/3 C5	21200253	4007220049488	1	\$27.63	
3 x 13	ZYAS 0313/3 C3 PLUS	21200283	4007220049501	1	\$27.37	
6 x 7	ZYAS 0607/3 C5	21200353	4007220049518	1	\$44.57	
6 x 7	ZYAS 0607/3 C3 PLUS	21200383	4007220049532	1	\$44.23	
6 x 13	ZYAS 0613/3 C5	21200453	4007220049549	1	\$46.84	
6 x 13	ZYAS 0613/3 C3 PLUS	21200483	4007220049563	1	\$48.40	
B Flame Shape						
3 x 7	B 0307/3 C5	21202553	4007220049570	1	\$33.05	
6 x 13	B 0613/3 C5	21203653	4007220049594	1	\$59.84	
WRC Cylindrical Radius End						
3 x 13	WRC 0313/3 C5	21205153	4007220049648	1	\$27.63	
3 x 13	WRC 0313/3 C3 PLUS	21205183	4007220049662	1	\$30.96	
6 x 13	WRC 0613/3 C5	21205253	4007220049679	1	\$71.14	
6 x 13	WRC 0613/3 C3 PLUS	21205283	4007220049693	1	\$57.09	
WKNS Inverted Cone						
3 x 7	WKNS 0307/3 C5	21207553	4007220049709	1	\$37.38	
KUD Ball Shape						
3 x 2	KUD 0302/3 C5	21211053	4007220049761	1	\$27.78	
3 x 2	KUD 0302/3 C3 PLUS	21211083	4007220049778	1	\$29.63	
4 x 3	KUD 0403/3 C5	21212553	4007220049785	1	\$46.43	
4 x 3	KUD 0403/3 C3 PLUS	21212583	4007220049792	1	\$46.43	
6 x 5	KUD 0605/3 C3 PLUS	21213083	4007220049815	1	\$39.19	
SKM Conical Pointed						
3 x 7	SKM 0307/3 C5	21214053	4007220049822	1	\$34.84	
6 x 13	SKM 0613/3 C5	21215053	4007220049860	1	\$51.53	
RBF Tree Radius End						
3 x 7	RBF 0307/3 C5	21217553	4007220049884	1	\$33.15	
6 x 13	RBF 0613/3 C5	21230053	4007220049990	1	\$57.35	
6 x 13	RBF 0613/3 C3 PLUS	21230083	4007220050019	1	\$59.13	
SPG Pointed Tree						
3 x 7	SPG 0307/3 C5	21222553	4007220049907	1	\$33.05	
3 x 13	SPG 0313/3 C5	21222653	4007220049938	1	\$33.80	
6 x 13	SPG 0613/3 C3 PLUS	21222783	4007220049983	1	\$53.39	
TRE Oval Shape						
3 x 7	TRE 0307/3 C5	21210053	4007220049747	1	\$33.15	
3 x 7	TRE 0307/3 C3 PLUS	21210083	4007220049754	1	\$37.50	
6 x 10	TRE 0610/3 C5	21235053	4007220050026	1	\$68.41	
Miniature Burr Set - 3mm Shank						
Assorted	15 Piece Miniature Burr Set 3mm Shank C5	21901501	4007220055892	1	\$603.53	
Contents:	ZYA 0210, ZYA 0313, ZYA 0607, ZYA 0613, B 0307, KUD 0403, WRC 0210, WRC 0313, SPG 0307, SKM 0613, RBF 0307, RBF 0613, TRE 0307, TRE 0610, WKN 0307					

Burrs

Cuts for universal applications			
Cut 3 PLUS (MX according to DIN 8033)	 • Cross cut • Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys • High stock removal	Cut 5 (F according to DIN 8033)	 • Fine machining of cast iron, steel < 60 HRC, stainless steel (INOX) and high-temperature-resistant materials such as nickel-based and cobalt-based alloys • Good surface
Cuts for high-performance applications			
Cut TOUGH	 • High stock removal performance on cast iron, steel < 55 HRC • High stock removal • Extreme impact resistance • Also suitable for use with high surface contact angles > 1/3 and under impact loads	Cut ALU	 • High stock removal performance on aluminium and aluminium alloys, light metals, non-ferrous metals and plastics • Smooth milling
Cut INOX	 • Extremely high stock removal performance on all austenitic, rust- and acid-resistant steels, stainless steel (INOX) • Substantially reduced vibration and less noise	Cut NON-FERROUS	 • High stock removal performance on non-ferrous metals, brass, copper, plastics and fibre-reinforced plastics • Universally usable
		Cut MICRO	 • Good stock removal on almost all materials < 68 HRC • High surface quality • Reduced vibration and less noise

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank						
Standard Shapes - 6mm Shank						
ZYA Cylindrical						
4 x 13	ZYA 0413/6 C3 PLUS	21101526	4007220045435	1	\$45.10	 C3 PLUS
6 x 16	ZYA 0616/6 C3 PLUS	21101626	4007220045480	1	\$42.08	
6 x 16	ZYA 0616/6 C5	21101656	4007220045510	1	\$42.08	 C5
6 x 16	ZYA 0616/6 INOX	21101682	4007220900499	1	\$65.82	
6 x 16	ZYA 0616/6 MICRO	21101676	4007220895559	1	\$100.43	 INOX
8 x 20	ZYA 0820/6 C3 PLUS	21101726	4007220045541	1	\$56.93	
8 x 20	ZYA 0820/6 MICRO	21101776	4007220895573	1	\$106.95	 MICRO
10 x 13	ZYA 1013/6 C3 PLUS	21101826	4007220045596	1	\$68.41	
10 x 20	ZYA 1020/6 C3 PLUS	21102126	4007220045879	1	\$68.12	 NON-FERROUS
10 x 20	ZYA 1020/6 MICRO	21102176	4007220895603	1	\$116.52	
10 x 25	ZYA 1025/6 C3 PLUS	21102226	4007220045978	1	\$78.61	 TOUGH
12 x 25	ZYA 1225/6 C3 PLUS	21101926	4007220045695	1	\$82.65	
12 x 25	ZYA 1225/6 C5	21101956	4007220045756	1	\$89.64	 NON-FERROUS
12 x 25	ZYA 1225/6 INOX	21101982	4007220900505	1	\$126.68	
12 x 25	ZYA 1225/6 NON-FERROUS	21101996	4007220533314	1	\$121.56	 NON-FERROUS
16 x 25	ZYA 1625/6 C3 PLUS	21102026	4007220045800	1	\$103.59	
ZYAS Cylindrical (End Cut)						
6 x 16	ZYAS 0616/6 C3 PLUS	21100226	4007220044971	1	\$55.01	 C3 PLUS
8 x 20	ZYAS 0820/6 C3 PLUS	21100326	4007220045022	1	\$63.06	
8 x 20	ZYAS 0820/6 TOUGH	21000003	4007220769997	1	\$107.02	 ALU
10 x 20	ZYAS 1020/6 C3 PLUS	21100726	4007220045305	1	\$75.83	
10 x 20	ZYAS 1020/6 ALU	21100786	4007220533321	1	\$74.27	 TOUGH
10 x 20	ZYAS 1020/6 TOUGH	21000005	4007220770023	1	\$122.57	
10 x 25	ZYAS 1025/6 C3 PLUS	21100826	4007220045374	1	\$98.32	 NON-FERROUS
12 x 25	ZYAS 1225/6 C3 PLUS	21100526	4007220045176	1	\$107.26	
12 x 25	ZYAS 1225/6 ALU	21100586	4007220533345	1	\$107.07	 NON-FERROUS
12 x 25	ZYAS 1225/6 NON-FERROUS	26003054	4007220422281	1	\$103.59	
16 x 25	ZYAS 1625/6 C3 PLUS	21100626	4007220045251	1	\$120.00	

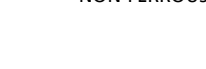
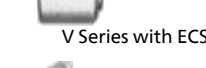
Burrs

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank (continued)						
B Flame Shape						
8 x 20	B 0820/6 C3 PLUS	21103126	4007220046067	1	\$62.32	 C3 PLUS
12 x 30	B 1230/6 C3 PLUS	21103326	4007220046111	1	\$116.86	
KUD Ball Shape						
4 x 3	KUD 0403/6 C3 PLUS	21112026	4007220046791	1	\$39.76	 C3 PLUS
6 x 5	KUD 0605/6 C3 PLUS	21112526	4007220046821	1	\$39.42	
6 x 5	KUD 0605/6 INOX	21112582	4007220900536	1	\$72.99	 INOX
8 x 7	KUD 0807/6 C3 PLUS	21112626	4007220046883	1	\$43.13	
8 x 7	KUD 0807/6 NON-FERROUS	21112696	4007220221082	1	\$56.38	 NON-FERROUS
10 x 9	KUD 1009/6 C3 PLUS	21112726	4007220046951	1	\$50.68	
12 x 10	KUD 1210/6 C3 PLUS	21112826	4007220047033	1	\$62.32	 NON-FERROUS
12 x 10	KUD 1210/6 INOX	21112882	4007220900543	1	\$123.93	
16 x 14	KUD 1614/6 C3 PLUS	21112926	4007220047132	1	\$88.45	 NON-FERROUS
20 x 18	KUD 2018/6 C3 PLUS	21113026	4007220047224	1	\$123.41	
WRC Cylindrical Radius End						
6 x 16	WRC 0616/6 C3 PLUS	21105026	4007220046234	1	\$53.16	 C3 PLUS
6 x 16	WRC 0616/6 C5	21105056	4007220046265	1	\$67.07	
6 x 16	WRC 0616/6 INOX	21105082	4007220900512	1	\$84.69	 C5
6 x 16	WRC 0616/6 MICRO	21105076	4007220869017	1	\$111.59	
6 x 16	WRC 0616/6 NON-FERROUS	21105096	4007220221068	1	\$61.62	 ALU
8 x 20	WRC 0820/6 C3 PLUS	21105126	4007220046302	1	\$59.70	
8 x 20	WRC 0820/6 MICRO	21105176	4007220869024	1	\$117.53	 INOX
10 x 20	WRC 1020/6 C3 PLUS	21105226	4007220046388	1	\$70.59	
10 x 25	WRC 1025/6 C3 PLUS	21105526	4007220046715	1	\$78.44	 MICRO
12 x 25	WRC 1225/6 C3 PLUS	21105326	4007220046500	1	\$82.65	
12 x 25	WRC 1225/6 ALU	21105386	4007220533260	1	\$111.55	 TOUGH
12 x 25	WRC 1225/6 INOX	21105382	4007220900529	1	\$146.37	
12 x 25	WRC 1225/6 NON-FERROUS	21105396	4007220533284	1	\$109.90	 NON-FERROUS
12 x 25	WRC 1225/6 TOUGH	21000036	4007220770122	1	\$166.68	
16 x 25	WRC 1625/6 C3 PLUS	21105426	4007220046630	1	\$135.60	 NON-FERROUS
SPG Pointed Tree						
6 x 18	SPG 0618/6 C3 PLUS	21122526	4007220047941	1	\$50.78	 C3 PLUS
6 x 18	SPG 0618/6 INOX	21122582	4007220936948	1	\$65.82	
10 x 20	SPG 1020/6 C3 PLUS	21122626	4007220048023	1	\$72.86	 INOX
12 x 25	SPG 1225/6 C3 PLUS	21122726	4007220048146	1	\$78.61	
SKM Conical Pointed						
6 x 18	SKM 0618/6 C3 PLUS	21115026	4007220047293	1	\$59.60	 C1
10 x 20	SKM 1020/6 C3 PLUS	21115126	4007220047354	1	\$93.21	
12 x 25	SKM 1225/6 C1	21115216	4007220047415	1	\$85.86	 C3 PLUS
12 x 25	SKM 1225/6 C3 PLUS	21115226	4007220047422	1	\$105.69	
KSJ, KSK Conical (Included Angle)						
16 x 13	KSJ 1613/6 C3	21115336	4007220047491	1	\$81.91	 KSJ - 60°INC. ANGLE
16 x 8	KSK 1608/6 C3	21115436	4007220047521	1	\$72.99	
6 x 3	KSK 0603/6 C3	21115636	4007220047569	1	\$41.17	 KSK - 90°INC. ANGLE
10 x 5	KSK 1005/6 C3	21115836	4007220047583	1	\$55.66	

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Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank (continued)						
RBF Tree Radius End						
6 x 18	RBF 0618/6 C3 PLUS	21117326	4007220047606	1	\$52.58	 C3 PLUS
6 x 18	RBF 0618/6 C5	21117356	4007220047637	1	\$53.92	
6 x 18	RBF 0618/6 ALU	21117386	4007220328071	1	\$94.27	 ALU
6 x 18	RBF 0618/6 INOX	21117382	4007220900550	1	\$99.14	
8 x 20	RBF 0820/6 C3 PLUS	21117626	4007220047651	1	\$73.62	 C3 PLUS
10 x 20	RBF 1020/6 C3 PLUS	21117726	4007220047705	1	\$75.83	
10 x 20	RBF 1020/6 C5	21117756	4007220047736	1	\$78.61	 C5
10 x 20	RBF 1020/6 MICRO	21157210	4007220835517	1	\$102.20	
10 x 20	RBF 1020/6 TOUGH	21000075	4007220770207	1	\$139.69	 MICRO
12 x 25	RBF 1225/6 C3 PLUS	21117826	4007220047781	1	\$82.65	
12 x 25	RBF 1225/6 ALU	21117886	4007220533208	1	\$113.67	 ALU
12 x 25	RBF 1225/6 INOX	21117882	4007220900567	1	\$145.96	
12 x 25	RBF 1225/6 NON-FERROUS	26002823	4007220335321	1	\$109.81	 INOX
12 x 25	RBF 1225/6 TOUGH	21000076	4007220770214	1	\$151.08	
16 x 30	RBF 1630/6 C3 PLUS	21117926	4007220047873	1	\$138.67	NON-FERROUS
KEL Conical Radius End						
10 x 20	KEL 1020/6 C3 PLUS	21125026	4007220048481	1	\$75.07	 C3 PLUS
10 x 20	KEL 1020/6 NON-FERROUS	21125096	4007220221105	1	\$93.87	
12 x 25	KEL 1225/6 C3 PLUS	21125126	4007220048559	1	\$106.31	 C3 PLUS
12 x 30	KEL 1230/6 C3 PLUS	21125226	4007220048634	1	\$120.12	
12 x 30	KEL 1230/6 NON-FERROUS	21125296	4007220533116	1	\$128.93	 NON-FERROUS
16 x 30	KEL 1630/6 C3 PLUS	21125326	4007220048719	1	\$121.56	
TRE Oval Shape						
6 x 10	TRE 0610/6 C3 PLUS	21134826	4007220048771	1	\$46.72	 C3 PLUS
8 x 13	TRE 0813/6 C3 PLUS	21135026	4007220048894	1	\$75.19	
10 x 16	TRE 1016/6 C3 PLUS	21134926	4007220048832	1	\$55.24	 C3 PLUS
12 x 20	TRE 1220/6 C3 PLUS	21135126	4007220048962	1	\$84.00	
Edge & Radius Burrs						
16 x 10	V 1610/6 CR2.5 Cut EDGE with Bearing Guide	26006362	4007220943359	1	\$214.49	 V Series
16 x 12	V 1612/6 CR3.0 Cut EDGE with Bearing Guide	21152936	4007220952412	1	\$214.49	
16 x 12	V 1612/6 EDGE R3.0 ECS with incorporated Edge Guide	21152946	4007220098028	1	\$515.06	 V Series with ECS
	The EDGE Cutting System (ECS) burr can be reordered and replaced if required.					
16 x 5	KSJ 1605/6 EDGE 30°	21115366	4007220952443	1	\$214.49	 KSJ Series
16 x 3	KSK 1603/6 EDGE 45° For special air tool PG3/210 DH and associated guide plates.	21115466	4007220952436	1	\$214.49	
Carbide Burr Sets - 6mm						
Assorted	1503 -10 Piece Set C3 PLUS	26005691	4007220818022	1	\$764.59	
Contents:	ZYA 1025, ZYA 1225, WRC 0616, WRC 1025, WRC 1225, RBF 0618, RBF 1020, RBF 1225, KEL 1020, TRE 1220					
Assorted	1504 -5 Piece Set C3 PLUS	26005692	4007220818039	1	\$399.30	
Contents:	ZYA 1025, WRC 1025, WRC 1225, RBF 1020, TRE 1220					
Carbide Burr Set - 6mm - Cut INOX Stainless Steel						
Assorted	8 Piece Set	75604004	4007220912591	1	\$927.55	
Contents:	ZYA 0616, ZYA 1225, KUD 0605, KUD 1210, WRC 0616, WRC 1225, RBF 0618, RBF 1225 6.0mm Shank					

ALUMASTER

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
High Speed Disc ALUMASTER						
ALUMASTER						
115/125	HSD-F 115/125 ALUMASTER Contents: ALUMASTER HSD-F High Speed Disc Cutting insert set Screw set for cutting inserts Torx wrench, plastic box	22000009	4007220026106	1	POA	
115/125	WSP-SET HSD 115/125 ALUMASTER WSP-A-12R Contents: Spare Cutting Insert Set (10 per set)	22000008	4007220018583	1	POA	
	WSP-SCREW-SET M4 SPEC. WSP-S-M4S Contents: Spare Screws for Inserts (5 per set)	22000007	4007220005392	1	POA	
	Torque Wrench - WIHA 4.0	22000017	4007220104620	1	POA	
	Service Kit 115/125 ALUMASTER F ASS-R12 Contents: 2 x Cutting inserts, 2 x Bolts, 1 x Torx wrench	22000014	4007220061237	1	POA	
115/125	HSD-R 115/125 ALUMASTER Contents: ALUMASTER HSD-R High Speed Disc Cutting insert set Screw set for cutting inserts Torx wrench, plastic box	22000019	4007220107461	1	POA	
115/125	HSD 115/125 ALUMASTER WSP-A-8R Contents: Spare Cutting Insert Set (10 per set)	22000020	4007220107492	1	POA	
50	HSD-R 50 ALUMASTER Contents: ALUMASTER HSD-R High Speed Disc Cutting insert set Screw set for cutting inserts Torx wrench, plastic box	22000025	4007220156858	1	POA	
50	HSD 50 ALUMASTER WSP-A-8R Contents: Spare Cutting Insert Set (5 per set)	22000026	4007220156872	1	POA	
	Arbors BO 8/10 HSD-R 50	22000011	4007220156919	1	POA	
	Service Kit 50 ALUMASTER R ASS-R8 Contents: 2 x Cutting inserts, 2 x Bolts, 1 x Torx wrench	22000029	4007220156896	1	POA	



2



Hole Saws

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POS Hole Saws						
Bi-Metal - Hole Saws						
16	LS 16	25100116	4007220062319	1	\$13.54	
17	LS 17	25100117	4007220319093	1	\$13.54	
19	LS 19	25100119	4007220062326	1	\$13.54	
20	LS 20	25100220	4007220062333	1	\$13.54	
22	LS 22	25100322	4007220062340	1	\$13.89	
25	LS 25	25100425	4007220062357	1	\$14.93	
27	LS 27	25100527	4007220062364	1	\$14.93	
29	LS 29	25100629	4007220062371	1	\$14.93	
30	LS 30	25100730	4007220062388	1	\$16.24	
32	LS 32	25100832	4007220062395	1	\$17.29	
35	LS 35	25101035	4007220062418	1	\$17.90	
38	LS 38	25101138	4007220062425	1	\$19.56	
40	LS 40	25101240	4007220319130	1	\$19.76	
41	LS 41	25101241	4007220062432	1	\$19.76	
44	LS 44	25101344	4007220062449	1	\$21.64	
48	LS 48	25101448	4007220062456	1	\$21.64	
51	LS 51	25101551	4007220062463	1	\$21.64	
52	LS 52	25101552	4007220319161	1	\$21.64	
54	LS 55	25101554	4007220062470	1	\$23.03	
57	LS 57	25101757	4007220062487	1	\$23.03	
60	LS 60	25101860	4007220062494	1	\$26.99	
64	LS 64	25101963	4007220062500	1	\$26.99	
65	LS 65	25101965	4007220319185	1	\$26.99	
67	LS 67	25102067	4007220062517	1	\$29.80	
70	LS 70	25102170	4007220062524	1	\$29.80	
73	LS 73	25102273	4007220062531	1	\$29.80	
76	LS 76	25102376	4007220062548	1	\$29.80	
79	LS 79	25102479	4007220062555	1	\$31.68	
83	LS 83	25102583	4007220062562	1	\$37.88	
86	LS 86	25102586	4007220319192	1	\$40.49	
89	LS 89	25102689	4007220062579	1	\$40.49	
92	LS 92	25102792	4007220062586	1	\$40.49	
95	LS 95	25102895	4007220062593	1	\$40.49	
102	LS 102	25102912	4007220062609	1	\$43.24	
105	LS 105	25103015	4007220062616	1	\$48.64	
111	LS 111	25103111	4007220319222	1	\$49.68	
114	LS 114	25103114	4007220062623	1	\$52.71	
121	LS 121	25103221	4007220319239	1	\$57.73	
127	LS 127	25103227	4007220319246	1	\$58.05	
140	LS 140	25103440	4007220319253	1	\$60.86	
152	LS 152	25103552	4007220319260	1	\$75.35	

How Saw Sets & Accessories

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Hole Saw Sets						
Bi-Metal - Hole Saw Sets						
Engineer's Hole Saw Set (13 Piece Set)		25900020	4007220819852	1	\$264.34	
Contents: Hole Saw Sizes: 20, 22, 25, 32, 40, 44, 51, 57 & 64mm Hex Shank Arbor: 1/4" and 3/8" Pilot Drill: 6/90 (long) Adaptor						
Plumber's Hole Saw Set LS-SO (9 Piece Set)		25999902	4007220663585	1	\$264.60	
Contents: Hole Saw Sizes: 41, 51, 57, 73, 86 & 111mm Hex Shank Arbor: 3/8" Pilot Drill: 6/60 (short) Adaptor						
Electrician's Hole Saw Set LS-SO (13 Piece Set)		25900910	4007220319321	1	\$282.21	
Contents: Hole Saw Sizes: 16, 20, 25, 32, 40, 51, 70 and 92mm Hex Shank Arbor: 1/4" and 3/8" Pilot Drill: 6/60 (short) and 6/90 (long) Adaptor						
Downlight Combo Pack		75607543	9324922017719	1	\$55.88	
Contents: Hole saw sizes: 70mm and 92mm						
Hole Saw Accessories						
Hole Saw Arbors						
LSS 1		25200111	4007220062630	1	\$21.64	
9.53mm - 3/8" HEX SHANK 1/2" - 20UNF Suits LS14-30mm						
LSS 2		25200211	4007220062647	1	\$32.50	
9.53mm - 3/8" HEX SHANK 5/8" - 18UNF Suits LS32-152mm						
LSS 4		25200407	4007220062661	1	\$16.24	
6.35mm - 1/4" ROUND SHANK 1/2" - 20UNF Suits LS14-30mm						
Quick Change Hole Saw Mounting System						
QUICK CHANGE SYSTEM PSL 11		25200900	4007220900185	1	\$73.66	
ADAPTOR-SET AS-PSL LS14-LS30 (Set of 3)		25200910	4007220900215	1	\$22.58	
ADAPTOR-SET AS-PSL LS32-LS152 (Set of 3)		25200920	4007220900192	1	\$25.21	
Hole Saw Accessories						
LSA - Adapter (Suits Arbors LSS 1 & LSS 4)		25203001	4007220319291	1	\$8.17	
SS2 - Grub Screw (To lock Pilot Drill)		28901014	4007220396131	1	\$2.54	
6/60 - Pilot Drill (Suits LSS1 & LSS2) short		25202005	4007220319284	1	\$8.17	
6/90 - Pilot Drill (Suits LSS4) long		25202007	4007220062708	1	\$8.17	

2



Drill Bits

Size mm	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image
Steel Drill Bits & Steel Drill Bit Sets							
Drill Bits - STEEL							
	SPB DIN 338 HSSG N 1.0 STEEL	N!	25203510	4007220164570	10	\$0.51	
	SPB DIN 338 HSSG N 1.5 STEEL	N!	25203511	4007220166345	10	\$0.56	
	SPB DIN 338 HSSG N 1.6 STEEL	N!	25203512	4007220169315	10	\$0.70	
	SPB DIN 338 HSSG N 2.0 STEEL	N!	25203513	4007220166383	10	\$0.70	
	SPB DIN 338 HSSG N 2.5 STEEL	N!	25203514	4007220166413	10	\$0.91	
	SPB DIN 338 HSSG N 3.0 STEEL	N!	25203515	4007220166536	10	\$1.08	
	SPB DIN 338 HSSG N 3.1 STEEL	N!	25203516	4007220166550	10	\$1.42	
	SPB DIN 338 HSSG N 3.3 STEEL	N!	25203517	4007220166581	10	\$1.42	
	SPB DIN 338 HSSG N 3.4 STEEL	N!	25203518	4007220166888	10	\$1.42	
	SPB DIN 338 HSSG N 3.5 STEEL	N!	25203519	4007220166895	10	\$1.42	
	SPB DIN 338 HSSG N 3.6 STEEL	N!	25203520	4007220166901	10	\$1.75	
	SPB DIN 338 HSSG N 4.0 STEEL	N!	25203521	4007220166949	10	\$1.75	
	SPB DIN 338 HSSG N 4.1 STEEL	N!	25203522	4007220166956	10	\$2.12	
	SPB DIN 338 HSSG N 4.2 STEEL	N!	25203523	4007220166994	10	\$2.12	
	SPB DIN 338 HSSG N 4.4 STEEL	N!	25203524	4007220167007	10	\$2.12	
	SPB DIN 338 HSSG N 4.5 STEEL	N!	25203525	4007220167014	10	\$2.12	
	SPB DIN 338 HSSG N 5.0 STEEL	N!	25203526	4007220167021	10	\$2.56	
	SPB DIN 338 HSSG N 5.1 STEEL	N!	25203527	4007220167038	10	\$3.08	
	SPB DIN 338 HSSG N 5.2 STEEL	N!	25203528	4007220167045	10	\$3.08	
	SPB DIN 338 HSSG N 5.3 STEEL	N!	25203529	4007220167052	10	\$3.08	
	SPB DIN 338 HSSG N 5.5 STEEL	N!	25203530	4007220167069	10	\$3.08	
	SPB DIN 338 HSSG N 6.0 STEEL	N!	25203531	4007220167076	10	\$3.41	
	SPB DIN 338 HSSG N 6.5 STEEL	N!	25203532	4007220167083	10	\$4.36	
	SPB DIN 338 HSSG N 6.8 STEEL	N!	25203533	4007220167090	10	\$4.53	
	SPB DIN 338 HSSG N 7.0 STEEL	N!	25203534	4007220167106	10	\$5.09	
	SPB DIN 338 HSSG N 7.5 STEEL	N!	25203535	4007220167113	10	\$5.36	
	SPB DIN 338 HSSG N 8.0 STEEL	N!	25203536	4007220167120	10	\$6.36	
	SPB DIN 338 HSSG N 8.5 STEEL	N!	25203537	4007220167137	10	\$7.12	
	SPB DIN 338 HSSG N 9.0 STEEL	N!	25203538	4007220167151	10	\$8.26	
	SPB DIN 338 HSSG N 9.5 STEEL	N!	25203539	4007220167168	10	\$9.03	
	SPB DIN 338 HSSG N 10.0 STEEL	N!	25203540	4007220167175	10	\$12.09	
	SPB DIN 338 HSSG N 10.2 STEEL	N!	25203541	4007220167182	5	\$14.43	
	SPB DIN 338 HSSG N 10.5 STEEL	N!	25203542	4007220167199	5	\$14.43	
	SPB DIN 338 HSSG N 11.0 STEEL	N!	25203543	4007220167205	5	\$15.60	
	SPB DIN 338 HSSG N 11.5 STEEL	N!	25203544	4007220167212	5	\$16.72	
	SPB DIN 338 HSSG N 12.0 STEEL	N!	25203545	4007220167229	5	\$17.99	
	SPB DIN 338 HSSG N 12.5 STEEL	N!	25203546	4007220167236	5	\$19.13	
	SPB DIN 338 HSSG N 13.0 STEEL	N!	25203547	4007220167243	5	\$21.63	
Drill Bit Sets - STEEL							
Assorted	SPB DIN 338 HSSG N 1-10 STEEL (19 Piece Set)	N!	25203701	4007220168172	1	\$93.77	
Contents:	19 HSS twist drill bits, STEEL in HSSG (M2) type, dia. 1.0 to 10.0 mm, graduations in 0.5 mm						
Assorted	SPB DIN 338 HSSG N 1-13 STEEL (25 Piece Set)	N!	25203702	4007220168189	1	\$193.41	
Contents:	25 HSS twist drill bits, STEEL in HSSG (M2) type dia. 1.0 to 13.0 mm, graduations in 0.5 mm						

General information

PFERD quality

PFERD mounted points are developed, manufactured and tested according to the highest quality standards. Research and development, our own machine and plant construction, as well as the continuous monitoring of the production processes guarantee the high quality of PFERD products. PFERD quality management is certified according to ISO 9001.

Customer consultation

If you have any questions regarding the optimization of your grinding work or solutions to specific application problems, our sales representatives and technical advisors will be happy to help.

Visit us: www.pferd.com.au

Or call 1300 073 373



You will receive more information here or at www.pferd.com.au

Products made to order

If you cannot find the solution for your particular application in our comprehensive product catalogue, we can produce mounted points in premium PFERD quality on request, tailor-made to meet the requirements of your job.

We take account of your requirements and wishes, drawings, information on bonds and hardness, grit sizes, grit types, shapes, dimensions, shanks and packaging.

Please contact our sales representatives! We will be happy to advise you.

Recommended rotational speed range

Refer to the table for the recommended rotational speed based on the diameter and cutting speed of your tool. The recommended cutting speeds can be found in the introductory descriptions of the various hardness grades in this catalogue.

Note:

The optimum rotational speeds can be found in the product tables. These have been limited to 150,000 RPM, as conventional drives do not permit a higher rotational speed.

Example:

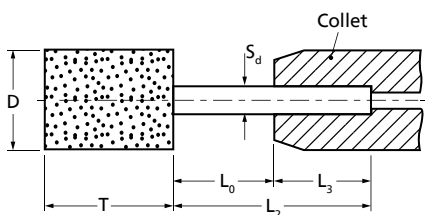
Mounted point dia. 20 mm

STEEL EDGE

Cutting speed: 30–50 m/s

Rotational speed: 28,600–47,700 RPM

Mounted point dia. [mm]	6 Cutting speeds [m/min]						
	10	15	20	25	30	40	50
	Rotational speed [RPM]						
2	95,500	143,200	191,000	238,700	286,500	382,000	477,500
3	63,700	95,500	127,300	159,200	191,000	254,600	318,300
4	47,700	71,600	95,500	119,400	143,200	191,000	238,700
5	38,200	57,300	76,400	95,500	114,600	152,800	191,000
6	31,800	47,700	63,700	79,600	95,500	127,300	159,200
7	27,300	40,900	54,600	68,200	81,900	109,100	136,400
8	23,900	35,800	47,700	59,700	71,600	95,500	119,400
10	19,100	28,600	38,200	47,700	57,300	76,400	95,500
12	15,900	23,900	31,800	39,800	47,700	63,700	79,600
14	13,600	20,500	27,300	34,100	40,900	54,600	68,200
16	11,900	17,900	23,900	29,800	35,800	47,700	59,700
20	9,500	14,300	19,100	23,900	28,600	38,200	47,700
25	7,600	11,500	15,300	19,100	22,900	30,600	38,200
32	6,000	9,000	11,900	14,900	17,900	23,900	29,800
40	4,800	7,200	9,500	11,900	14,300	19,100	23,900
50	3,800	5,700	7,600	9,500	11,500	15,300	19,100



Explanation of the code system according to EN 12413

D = Mounted point outer dia.
T = Mounted point width
S_d = Shank dia.
L₀ = Unsupported shank length
L₂ = Shank length
L₃ = Clamping length of shank



Safety notes

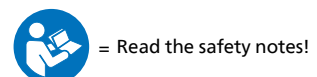
All PFERD mounted points are approved for a maximum operating speed of 50 m/s. The maximum permitted rotational speeds for the various shank lengths and shank diameters are defined in DIN 69170 based on EN 12413. These must be adhered to in order to avoid buckling of the shank during use. Regardless of the shank length, the clamping length (L₃) of the shank must be at least 10 mm.

The maximum permitted rotational speed calculated according to EN 12413 is determined by the following factors:

- Shape and dimensions of the mounted point
- Diameter of the steel shank S_d
- Unsupported shank length L₀

Each packaging unit of PFERD mounted points comes with rotational speed specifications for the unsupported shank length (L₀) of that mounted point. Proper concentric accuracy and correct clamping of the tool drive must also be ensured.

Tables with the maximum permitted rotational speeds for the entire PFERD mounted point product range are available on request.



Mounted Points

The fast way to the best tool



PFERD offers a very extensive range of ceramic-bonded and resinoid-bonded mounted points. Designed to meet individual grinding tool application needs, these products come in a broad range of grain types, grit sizes, hardness grades and shapes. The mounted points are manufactured on modern production lines to high standards of dimensional accuracy and stability, consistent quality and close tolerances. To select the correct mounted point, the material, main fields of application and specific operating requirements have to be taken into consideration. This overview shows which types (abrasives and bonds) are suitable for the various materials and the tasks at hand.

1 Material group

The various material groups are colour-coded and form the starting point for choosing the most appropriate mounted point.

2 Application

After the material, the application must be selected. This differentiation is necessary in order to find the optimum mounted point and correct bond type. The mounted point bond, hardness and grain mixture have a decisive impact on the abrasive performance, tool life and aggressiveness of the tools:

1 Material group			Bond
			3 Mounted point type
			Abrasive
			Recommended cutting speed
			2 Application
Steel, cast steel	Steels up to 1,200 N/mm ² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels, tempering steels	General use on edge and surface
			Surface grinding with high stock removal rate
			Edge grinding with high dimensional stability
	Hardened, heat-treated steels over 1,200 N/mm ² (> 38 HRC)	Tool steels, tempering steels, alloyed steels	General use on edge and surface
			Surface grinding with high stock removal rate
			Edge grinding with high dimensional stability
	Cast steel	Non-alloyed cast steel, low-alloyed cast steel	General use on edge and surface
			Surface grinding with high stock removal rate
			Edge grinding with high dimensional stability
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	Surface grinding with high stock removal rate
			Edge grinding with high dimensional stability
Non-ferrous metals	Soft non-ferrous metals, non-ferrous metals	Aluminium alloys, brass, copper, zinc	General use on edge and surface
	Hard non-ferrous metals	Bronze, titanium, titanium alloys, hard aluminium alloys	
	High-temperature-resistant materials	Nickel-based and cobalt-based alloys (engine and turbine construction)	
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL (GG), with nodular graphite/nodular cast iron EN-GJS (GGG), white annealed cast iron EN-GJMW (GTW), black cast iron EN-GJMB (GTS)	Surface grinding with high stock removal rate
			Edge grinding and grinding out of metal contamination with high dimensional stability
Plastics, other materials		Fibre-reinforced plastics, thermoplastics, rubber, wood	General use on edge and surface

4 Catalogue page *

* Tool Manual 23

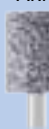
- **General use:** For general use on surfaces and edges, the emphasis is on the balance between abrasive performance and tool life.
- **Surface grinding:** In surface grinding, the mounted points are subject to lower loads. The mounted point bond is therefore comparatively soft and has been designed to give high stock removal rates.
- **Edge grinding:** In edge grinding, the mounted points must be dimensionally stable. The mounted point bond is therefore comparatively hard and designed for a long tool life.

3 Mounted point type

After determining the application (see column 2), the type is selected in the horizontal row. The "highly suitable" types are indicated by a black dot (●). Further "suitable" types are indicated by an open dot (○).

4 Reference to catalogue page

Further information about the hardness grades, mounted point shapes and dimensions, as well as grit sizes, can be found on the corresponding catalogue pages stated in the table.

Resinoid bond		Vitrified bond							
INOX	INOX EDGE	RUBBER	ALU	TOUGH	CAST	CAST STEEL	STEEL	STEEL EDGE	CAST EDGE
ADW	AN	AH	CN	AWCO	ARN	ADR	ADW	AR	CU
									
35–50 m/s	35–50 m/s	5–20 m/s	20–40 m/s	30–50 m/s	30–50 m/s	25–40 m/s	30–50 m/s	25–40 m/s	30–50 m/s
							●		
○							●	○	
	○						○	●	
							●		
				●			○		
				●				○	
						●			
○					○	○	●	○	
	○					○	○	●	
●	○								
○	●							○	
○			●						
●			○	●			○		
○				●					
○	○				●	○		○	○
○	○				○	○		○	●
		●	○						
26	28	40	31	22	32	38	9	13	36

● = highly suitable

○ = suitable

Mounted Points

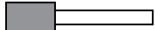
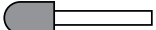
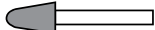
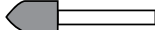
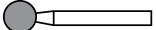
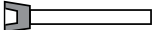
General information



ZY 2025 6 ADW 30 M 5 V STEEL

1 2 3 4 5 6 7 8 9

1 Shapes according to DIN 69170

ZY = Cylindrical  WR = Cylindrical with radius end  KE = Conical with radius end 
 SP = Pointed tree  KU = Ball  TO = Cup 

US shapes according to ANSI B74.2

Series W (cylindrical mounted points in inch dimensions), series A and B (other shapes)

2 Dimensions

The first digits of the description indicate the mounted point outer diameter D and mounted point width T in mm:

3 mm x 6 mm = 0306 20 mm x 25 mm = 2025 50 mm x 13 mm = 5013

US dimensions

Series W cylindrical mounted points and series A and B shaped mounted points are specified by a number (e.g. W 143).

3 Shanks

Only the shank diameter is given in the description. The shank length is determined as follows:

Shank dia. 3 mm = 30 mm shank length Shank dia. 1/8" = 1 1/4" shank length
 Shank dia. 6 mm = 40 mm shank length Shank dia. 1/4" = 1 1/2" shank length
 Shank dia. 8 mm = 40 mm shank length

4 Abrasives

In general, two grain types are used, with internationally defined descriptions according to ISO 525:

A = Aluminium oxide (Al_2O_3) C = Silicon carbide (SiC)

The following abbreviations are used in order to specify the grain mixtures more precisely, beyond ISO 525:

AD = Aluminium oxide, dark red
 AW = Aluminium oxide, white
 AR = Aluminium oxide, pink
 AN = Aluminium oxide, regular
 AH = Bubble grain aluminium oxide
 CN = Silicon carbide, green
 CU = Silicon carbide, grey
 CO = Ceramic oxide grain

ADW = Aluminium oxide mixture AD + AW
 ARN = Aluminium oxide mixture AR + AN
 ADR = Aluminium oxide mixture AD + AR
 AWCO = Aluminium oxide mixture AW + CO

5 Grit sizes according to ISO 525 and ISO 8486

The grit sizes used in PFERD mounted points are determined by the shape and diameter of the mounted point. In this example, grit size 30 is used.

6 Hardness grades according to ISO 525

Hardness grades are classified using letters in alphabetical order to specify the hardness from soft to hard. This example concerns a mounted point with hardness M.

Hardness grade coding				Property
A	B	C	D	Extremely soft
E	F	G	-	Very soft
H	I	J	K	Soft
L	M	N	O	Medium
P	Q	R	S	Hard
T	U	V	W	Very hard
X	Y	Z	-	Extremely hard

7 Structure according to ISO 525

The internationally valid scale for structural density ranges from 1 = dense to 14 = open (porous) structure. In this example, the structural density is specified by the number 5.

8 Bond according to ISO 525

Bond types are indicated with the following internationally standardized letters:
 V = Vitrified bond
 B = Resinoid bond

9 Material-specific description

The material-specific description indicates the material to be processed.

STEEL = Universal for steel and cast steel
 STEEL EDGE = Specialist for use on edges for steel and cast steel



PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE
Mounted Points	39	Special for INOX - 1/4" & 6mm Shank	40	Other Euro Shapes - 3mm & 6mm Shank	42
A Series - 1/4" & 6mm Shank	39	Ceramic Mounted Points	41	Special for Aluminium	42
B Series - 1/8" & 3mm Shank	39	Ceramic Mounted Points - A Series 1/4" Shank	41	Sets & Assortments	42
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W Shapes (Cylindrical) - 1/4" Shank	40	Ceramic Mounted Points - B Series 1/8" Shank	41	Bench Grinding Wheels	42
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Special for Tool Sharpening - 1/4" Shank	40				

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points						
A Series - 1/4" & 6mm Shank						
19 x 64	A1 6.3 ADW 30 M 5 V STEEL	35001253	4007220114582	10	\$12.32	 A1
19 x 64	A1 6.3 AR 30 O 5 V STEEL EDGE	35001273	4007220114599	10	\$12.32	 A2
25 x 32	A2 6.3 AR 30 O 5 V STEEL EDGE	35002273	4007220114612	10	\$9.76	 A3
25 x 70	A3 6.3 AR 30 O 5 V STEEL EDGE	35003273	4007220114636	10	\$13.94	 A4
32 x 32	A4 6.3 AR 30 O 5 V STEEL EDGE	35004273	4007220114650	5	\$10.45	 A5
19 x 29	A5 6.3 AR 30 O 5 V STEEL EDGE	35005273	4007220114667	10	\$8.47	 A11
22 x 50	A11 6 AR 30 O 5 V STEEL EDGE	35511273	4007220117200	10	\$11.59	 A12
22 x 50	A11 6.3 AR 30 O 5 V STEEL EDGE	35011273	4007220114698	10	\$11.59	 A15
22 x 50	A11 6.3 ADW 30 M 5 V STEEL	39101693	4007220473399	10	\$11.15	 A24
17 x 32	A12 6.3 AR 30 O 5 V STEEL EDGE	35012273	4007220114711	10	\$9.67	 A25
6 x 27	A15 6.3 AR 60 O 5 V STEEL EDGE	35015296	4007220114759	10	\$8.21	 A26
6 x 19	A24 6.3 AR 60 O 5 V STEEL EDGE	35024276	4007220114803	10	\$6.28	 A34
25	A25 6.3 AR 30 O 5 V STEEL EDGE	35025273	4007220114810	10	\$10.29	 A36
16	A26 6 AR 30 O 5 V STEEL EDGE	35526273	4007220117330	10	\$8.15	 A37
16	A26 6.3 AR 30 O 5 V 1/4-60 (long shank)	39100962	4007220141663	10	\$6.84	 A39
38 x 10	A34 6 AR 30 O 5 V STEEL EDGE	35534273	4007220117385	10	\$10.69	
41 x 10	A36 6.3 AR 60 O 5 V STEEL EDGE	35036276	4007220114902	5	\$8.60	
32 x 6	A37 6.3 AR 60 O 5 V STEEL EDGE	35037276	4007220114919	5	\$9.17	
19 x 19	A39 6.3 AR 60 O 5 V STEEL EDGE	39101061	4007220142073	10	\$6.52	
B Series - 1/8" & 3mm Shank						
10 x 19	B52 3 AR 46 O 5 V STEEL EDGE	35612274	4007220117514	10	\$8.08	 B52
6 x 16	B53 3 AR 100 O 5 V STEEL EDGE	35613270	4007220117538	10	\$7.06	 B53
6 x 13	B54 3 AR 100 O 5 V STEEL EDGE	35614270	4007220117552	10	\$5.68	 B54
19 x 8	B61 3 AR 80 O 5 V STEEL EDGE	35621278	4007220117590	10	\$8.73	 B61
13 x 3	B72 3 AR 100 O 5 V STEEL EDGE	35632270	4007220117699	10	\$6.65	 B72
13 x 3	B73 3 AR 100 O 5 V STEEL EDGE	35633270	4007220117705	10	\$7.00	 B73
19 x 8	B81 3 AR 100 O 5 V STEEL EDGE	35641270	4007220117712	10	\$7.29	 B81
2 x 10	B97 3 AR 100 O 5 V STEEL EDGE	35657270	4007220117811	10	\$6.86	 B97
16 x 5	B103 3 AR 80 O 5 V STEEL EDGE	35663278	4007220117866	10	\$7.95	 B103
13	B121 3 AR 46 O 5 V STEEL EDGE	35681274	4007220117972	10	\$8.02	 B121
10	B122 3 AR 80 O 5 V STEEL EDGE	35682278	4007220118009	10	\$5.74	 B122
5	B123 3 AR 100 O 5 V STEEL EDGE	35683270	4007220118016	10	\$5.74	 B123
5	B123 3.1 AR 100 O 5 V STEEL EDGE	35183270	4007220115701	10	\$6.28	 B125
6	B125 3.1 AR 100 O 5 V STEEL EDGE	35185270	4007220115732	10	\$6.28	

Mounted Points

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points (continued)						
W Shapes (Cylindrical) - 3mm Shank						
3 x 10	W145 3 AR 100 O 5 V (ZY0310) STEEL EDGE	35805270	4007220118139	10	\$5.17	 W AR
3 x 13	W146 3 AR 100 O 5 V (ZY0313) STEEL EDGE	35806270	4007220118146	10	\$5.87	
5 x 13	W154 3 AR 100 O 5 V (ZY0513) STEEL EDGE	35814270	4007220118238	10	\$5.17	
6 x 10	W162 3 AR 100 O 5 V (ZY0610) STEEL EDGE	35822270	4007220118313	10	\$5.17	
6 x 19	W164 3 AR 100 O 5 V (ZY0619) STEEL EDGE	35824270	4007220118351	10	\$5.53	
8 x 13	W170 3 AR 46 O 5 V (ZY0813) STEEL EDGE	35830274	4007220118399	10	\$5.17	
10 x 10	W175 3 AR 80 O 5 V (ZY1010) STEEL EDGE	35835278	4007220118467	10	\$5.17	
16 x 3	W191 3 AR 60 O 5 V (ZY1603) STEEL EDGE	35851276	4007220118580	10	\$5.42	
19 x 3	W200 3 AR 60 O 5 V (ZY1903) STEEL EDGE	35860276	4007220118627	10	\$5.68	
W Shapes (Cylindrical) - 1/4" Shank						
38 x 12	W236 6.3 AR 46 O 5 V (ZY3812) STEEL EDGE	39101225	4007220143391	5	\$7.89	 W AR
40 x 25	W237 6.3 AR 30 O 5 V (ZY4025) STEEL EDGE	39100968	4007220141694	5	\$7.89	
50 x 25	W242 6.3 ADW 46 M 5 V (ZY5025) STEEL	39101318	4007220144312	5	\$11.84	 W ADW
Cylindrical - 1/4" mm Shank						
25 x 25	ZY2525 6.3 AR 30 O 5 V STEEL EDGE N!	39105059	4007220035665	10	\$8.10	 ZY AR
Mounted Points - Special Applications						
Special for Cast Iron - 6mm Shank						
40 x 63	ZY4063 M12 CU 16 Q B †	39008004	4007220542811	25	\$25.50	 A11 CU
25 x 70	A3 6 CU 30 R 5 V CAST EDGE	35503503	4007220117156	10	\$14.66	
22 x 50	A11 6 CU 30 R 5 V CAST EDGE	35511503	4007220117217	10	\$11.15	 ZY CU
40 x 20	ZY4020 6 CU 24 R 5 V CAST EDGE † M12 Threaded Hole	31330502	4007220100103	5	\$11.41	
Special for Tool Sharpening - 1/4" Shank						
38 x 12	W236 6.3 CN 60 KV	39101671	4007220454336	5	\$7.89	 ZY ADW
Special for INOX (Stainless Steel) - 1/4" & 6mm Shank						
16 x 32	ZY1632 6 ADW 30 L 6 B INOX	31127743	4007220096697	10	\$8.80	 WR ADW
20 x 25	ZY2025 6 ADW 30 L 6 B INOX	31131743	4007220097083	10	\$8.47	
20 x 25	ZY2025 6 ADW 60 L 6 B INOX	31131746	4007220346914	10	\$8.47	
20 x 40	ZY2040 6 ADW 30 L 6 B INOX	31133743	4007220097304	10	\$11.02	 KE ADW
25 x 13	ZY2513 6 ADW 30 L 6 B INOX	31323743	4007220099483	10	\$8.47	
25 x 25	ZY2525 6 ADW 30 L 6 B INOX	31134743	4007220346938	10	\$9.95	
25 x 32	ZY2532 6 ADW 30 L 6 B INOX	31135743	4007220097533	10	\$10.69	 A ADW
32 x 16	ZY3216 6 ADW 24 L 6 B INOX	31326742	4007220099742	5	\$9.65	
32 x 40	ZY3240 6 ADW 24 L 6 B INOX	31137742	4007220097793	5	\$13.51	
40 x 10	ZY4010 6 ADW 30 L 6 B INOX	31328743	4007220099940	5	\$9.67	 ZY AN
40 x 20	ZY4020 6 ADW 24 L 6 B INOX	31330742	4007220100127	5	\$10.89	
50 x 13	ZY5013 6 ADW 30 L 6 B INOX	31331743	4007220100271	5	\$11.59	
50 x 25	ZY5025 6 ADW 24 L 6 B INOX	31332742	4007220100394	5	\$14.34	 KE AN
25 x 32	WR2532 6 ADW 30 L 6 B INOX	31408253	4007220353813	10	\$12.11	
20 x 20	KE2020 6 ADW 30 L 6 B INOX	32205743	4007220347034	10	\$10.29	
25 x 45	KE2545 6 ADW 30 L 6 B INOX	32211743	4007220660331	10	\$14.57	 A AN
19 x 64	A1 6 ADW 60 L 6 B INOX	35501746	4007220347096	10	\$16.90	
25 x 70	A3 6 ADW 60 L 6 B INOX	35503746	4007220347119	10	\$15.51	
22 x 50	A11 6 ADW 60 L 6 B INOX	35511746	4007220347133	10	\$11.59	
6 x 19	A24 6 ADW 60 L 6 B INOX	39101427	4007220293171	10	\$7.00	
50 x 8	ZY5008 6 AN 30 N 5 B INOX EDGE	31378613	4007220100523	5	\$12.51	
32 x 32	KE3232 6 AN 24 N 5 B INOX EDGE	32207612	4007220347072	5	\$13.94	
22 x 50	A11 6.3 AN 30 N 5 B INOX EDGE	35011613	4007220347157	10	\$11.59	

Mounted Points

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points - Special Applications (continued)						
Ceramic Mounted Points - Longer life, faster & cooler cut for tough to grind material						
Ceramic Mounted Points - A Series 1/4" Shank						 A1  A3  A5  A11  A12  A21  A23  A26  A39
19 x 64	A1 6.3 AWCO 46 J 5 V TOUGH	35001281	4007220846926	10	\$13.70	
25 x 70	A3 6.3 AWCO 46 J 5 V TOUGH	35003281	4007220846933	10	\$15.52	
19 x 29	A5 6.3 AWCO 46 J 5 V TOUGH	35005281	4007220847046	10	\$8.68	
25 x 50	A11 6.3 AWCO 46 J 5 V TOUGH	35011281	4007220847060	10	\$12.10	
17 x 32	A12 6.3 AWCO 46 J 5 V TOUGH	35012281	4007220847077	10	\$9.95	
25 x 25	A21 6.3 AWCO 46 J 5 V TOUGH	35021281	4007220847107	10	\$9.20	
19 x 25	A23 6.3 AWCO 46 J 5 V TOUGH	35023281	4007220847121	10	\$7.68	
16	A26 6.3 AWCO 46 J 5 V TOUGH	35026281	4007220847145	10	\$7.53	
19 x 19	A39 6.3 AWCO 46 J 5 V TOUGH	35038281	4007220847169	10	\$6.78	
Ceramic Mounted Points - W Shapes 1/4" Shank						 W Shape
13 x 50	W189 6.3 AWCO 46 J 5 V TOUGH	35449281	4007220847305	10	\$16.96	
25 x 25	W220 6.3 AWCO 46 J 5 V TOUGH	35480281	4007220847343	10	\$8.59	
25 x 50	W222 6.3 AWCO 46 J 5 V TOUGH	35482281	4007220847350	10	\$12.18	
40 x 50	W239 6.3 AWCO 46 J 5 V TOUGH	35492281	4007220847367	5	\$19.85	
50 x 25	W242 6.3 AWCO 46 J 5 V TOUGH	35493281	4007220847374	5	\$11.48	
Ceramic Mounted Points - B Series 1/8" Shank						 B42  B52  B97  B125
13 x 19	B42 3.1 AWCO 80 J 5 V TOUGH	35102281	4007220847176	10	\$7.68	
10 x 19	B52 3.1 AWCO 80 J 5 V TOUGH	35112281	4007220847183	10	\$7.23	
3 x 10	B97 3.1 AWCO 80 J 5 V TOUGH	35157281	4007220847190	10	\$7.23	
6	B125 3.1 AWCO 80 J 5 V TOUGH	35185281	4007220847213	10	\$7.99	
Ceramic Mounted Points - W Shapes 1/8" Shank						 W Shape
5 x 13	W154 3.1 AWCO 80 J 5 V TOUGH	35314281	4007220847237	10	\$5.18	
6 x 13	W163 3.1 AWCO 80 J 5 V TOUGH	35323281	4007220847244	10	\$5.39	
6 x 19	W164 3.1 AWCO 80 J 5 V TOUGH	35324281	4007220847251	10	\$5.55	
8 x 13	W170 3.1 AWCO 80 J 5 V TOUGH	35330281	4007220847275	10	\$5.24	
13 x 13	W185 3.1 AWCO 80 J 5 V TOUGH	35345281	4007220847282	10	\$5.24	
25 x 13	W215 3.1 AWCO 80 J 5 V TOUGH	35375281	4007220847299	10	\$7.14	
Cylindrical Euro ZY Series - 3mm Shank						 AR
3 x 6	ZY0306 3 AR 100 O 5 V STEEL EDGE	31103270	4007220094525	10	\$5.59	
4 x 8	ZY0408 3 AR 60 O 5 V STEEL EDGE	31105276	4007220094693	10	\$5.27	
5 x 10	ZY0510 3 AR 100 O 5 V STEEL EDGE	31107270	4007220094884	10	\$5.49	
10 x 13	ZY1013 3 AR 80 O 5 V STEEL EDGE	31116278	4007220095737	10	\$5.74	
13 x 13	ZY1313 3 AR 80 O 5 V STEEL EDGE	31122278	4007220096161	10	\$5.74	
Cylindrical Euro ZY Series - 6mm Shank						 ZY AR  ZY ADW  ZY AH
10 x 13	ZY1013 6 AR 80 O 5 V STEEL EDGE	31115278	4007220095645	10	\$5.35	
13 x 13	ZY1313 6 AR 80 O 5 V STEEL EDGE	31121278	4007220096116	10	\$5.94	
13 x 25	ZY1325 6 ADW 46 M 5 V STEEL	31125254	4007220096345	10	\$8.47	
13 x 40	ZY1340 6 AR 46 O 5 V STEEL EDGE	31146274	4007220098059	10	\$8.89	
20 x 6	ZY2006 6 AR 80 O 5 V STEEL EDGE	31317278	4007220099131	10	\$6.00	
20 x 25	ZY2025 6 AR 60 O 5 V STEEL EDGE	31131276	4007220097021	10	\$7.56	
25 x 6	ZY2506 6 AR 80 O 5 V STEEL EDGE	31321278	4007220099346	10	\$6.38	
25 x 13	ZY2513 6 AR 30 O 5 V STEEL EDGE	31323273	4007220099438	10	\$7.92	
25 x 25	ZY2525 6 AR 60 O 5 V STEEL EDGE	31134276	4007220097359	10	\$9.13	
25 x 32	ZY2532 6 AH 1 D 12 V RUBBER (for plastic & fibreglass)	31135901	4007220097540	10	\$14.81	

3



Mounted Points

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points - Special Applications (continued)						
Other Euro Shapes - 3mm & 6mm Shank						
13 x 20	SP1320 6 AR 80 O 5 V STEEL EDGE	32107278	4007220102169	10	\$6.82	 SP AR  SP ADW  TO AR
20 x 50	SP2050 6 ADW 30 M 5 V STEEL	32111253	4007220102312	10	\$12.65	
25 x 40	SP2540 6 ADW 30 M 5 V STEEL	32114253	4007220660270	10	\$13.09	
25 x 20	TO2520 6 AR 30 O 5 V STEEL EDGE	32902273	4007220103142	10	\$9.67	
32 x 25	TO3225 6 AR 46 O 5 V STEEL EDGE	32903274	4007220103180	10	\$9.29	
Special for Aluminium						
16 x 20	ZY1620 6 CN 80 F 10 V ALU	31126408	4007220096512	10	\$8.75	 ZY CN
32 x 32	ZY3232 6 CN 80 F 10 V ALU	31136408	4007220802946	10	\$13.45	
Sets & Assortments						
	2001 (6mm Shank) Hardness Grade O STEEL EDGE	33920131	4007220114469	1	\$74.86	  
Contents:	1 pc each of ZY1013, ZY1320, ZY2006, ZY2013, ZY2025, KU16, WR2025, KE2032, SP1320, KE2020					
	2002 (3mm Shank) Hardness Grade O STEEL EDGE	33920231	4007220114476	1	\$86.22	
Contents:	1 pc each of ZY0408, ZY0613, ZY0802, ZY1013, ZY1303, WR0510, KU05, SP0306, SP0816 2 pcs each of ZY0510, ZY0810, ZY1604					
	SSO 5300 (Counter Display) 1/4" Shank (6.3mm)	33930001	4007220114513	1	\$840.60	
Contents:	10 pcs each of A1 6.3 ADW 30 MSV, A3 6.3 AR 30 O5V, A4 6.3 AR 30 O5V, A5 6.3 AR 30 O5V, A11 6.3 ADW 30 MSV330, A24 6.3 AR 60 O5V, A25 6.3 AR 30 O5V, A37 6.3 AR 60 O5V, W220 6.3 AR 30 O5V, W237 6.3 AR 30 O5V					
Dressing Stone						
70 x 22 x 12	SE702212 CU 46 M 5 V	33899045	4007220114445	5	\$11.28	
Bench Grinding Wheels						
Bench Grinding Wheels - Aluminium Oxide Universal Type						
150 x 20	BW 15020-32 AN 24 UNIVERSAL [^]	39008422	4007220610176	1	\$36.19	 Universal
150 x 20	BW 15020-32 AN 36 UNIVERSAL [^]	39009708	4007220037911	1	\$36.19	
150 x 20	BW 15020-32 AN 60 UNIVERSAL [^]	39008423	4007220610183	1	\$36.19	
200 x 25	BW 20025-32 AN 24 UNIVERSAL [^]	39008440	4007220610350	1	\$64.21	
200 x 25	BW 20025-32 AN 36 UNIVERSAL [^]	39009711	4007220037942	1	\$64.21	
200 x 25	BW 20025-32 AN 60 UNIVERSAL [^]	39008441	4007220610367	1	\$64.21	
Bench Grinding Wheels - Aluminium Oxide HSS Type						
150 x 20	BW 15020-32 AW 60 HSS [^]	39008424	4007220610190	1	\$36.19	 HSS
150 x 20	BW 15020-32 AW 80 HSS [^]	39009699	4007220037829	1	\$36.19	
200 x 25	BW 20025-32 AW 60 HSS [^]	39008442	4007220610374	1	\$64.21	
200 x 25	BW 20025-32 AW 80 HSS [^]	39009702	4007220037850	1	\$64.21	
Bench Grinding Wheels - Silicon Carbide Type						
150 x 20	BW 15020-32 CN 60 CARBIDE [^]	39008570	4007220718902	1	\$53.70	 Carbide
150 x 20	BW 15020-32 CN 80 CARBIDE [^]	39009724	4007220038086	1	\$53.70	
150 x 20	BW 15020-32 CN 120 CARBIDE [^]	39008425	4007220610206	1	\$53.70	
200 x 25	BW 20025-32 CN 80 CARBIDE [^]	39008490	4007220629031	1	\$77.05	
200 x 25	BW 20025-32 CN 120 CARBIDE [^]	39008443	4007220610381	1	\$77.05	

[^] Includes bush set to 16mm min.

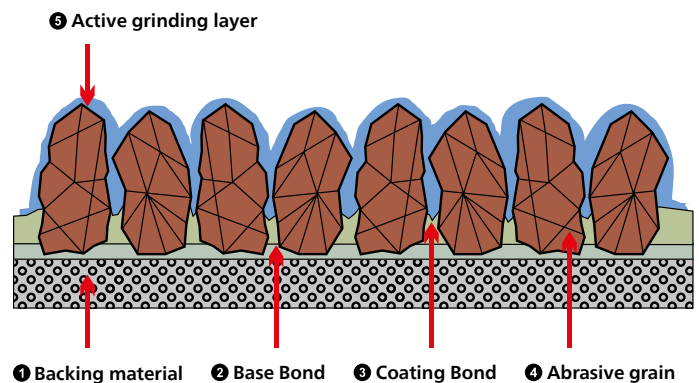
Structure of coated abrasives

PFERD supplies a wide range of tools with coated abrasives for machining a variety of workpiece geometries and materials:

- COMBICLICK fibre discs
- Fibre discs
- COMBIDISC abrasive discs
- Abrasive spiral bands and abrasive belts
- Mounted and unmounted flap wheels
- Abrasive sheets and shop rolls
- POLIROLL cartridge rolls and
- POLICO abrasive cones
- Velcro-backed abrasive discs
- Self-adhesive abrasive discs (PSA)

You can find additional PFERD tools with coated abrasives in catalogue section 6.

Coated abrasives are used for both wet and dry grinding.



1 Backing material

Bond and abrasive grain are applied to the base. The backing materials available for selection differ in their properties, such as tear strength, flexibility and wear. The respective grinding tool is adapted to the requirements of the intended application by choosing the appropriate base material. The PFERD range is sub-divided into three groups:

Paper:

The main areas of application for coated abrasives with a paper base are in the woodworking industry and in trade, e.g. among carpenters, painters and decorators. Coated abrasives with a paper base are rarely used for industrial metalwork. Abrasives for manual grinding are predominantly made from paper with a surface weight of 70 to 100 g/m². Heavier paper types are used to make abrasives for machine applications involving wide and narrow belts alike.

Cloth:

Coated abrasives with a cloth base are predominantly used for metalwork.

Vulcanized fibre:

When adapted to the corresponding applications, vulcanized fibre in various thicknesses is predominantly used for making fibre grinding discs. Vulcanized fibre is a very sturdy, robust backing material, and also very wear-resistant.

2 + 3 Bond

When manufacturing coated abrasives, different resin bonds are used to fix the abrasive grain to the backing material. First, the backing material is coated with the base bond (2). After this, the abrasive grain is evenly scattered over the surface and aligned to achieve higher aggressiveness with the help of special procedures. The coating bond (3) ensures that the abrasive grain is fixed in place and protects the grain against the forces and loads resulting from the grinding process.

4 Abrasive grain

Choosing the right abrasive grain has a significant influence on surface quality and profitability. The most common materials for abrasive grain are:

Aluminium oxide A



Ceramic oxide grain CO



Zirconia alumina Z



Silicon carbide SiC



VICTOGRAIN



* Please refer to tool manual 23, Catalogue 4, page 10 for more coated abrasives information.

Grit sizes

The various grit sizes for coated abrasives are specified in ISO 6344 and have been adopted for FEPA standards

Coarse	Medium	Fine	Superfine
P 12 – 16 – 20 – 24 – 36 – 40 – 50 – 60 – 80	P 100 – 120 – 150 – 180 – 220 – 240 – 280	P 320 – 360 – 400 – 500 – 600	P 800 – 1000 – 1200 – 1500

5 Active grinding layer

The use of an active grinding layer considerably increases the stock removal rate and reduces the workpiece temperature.

This is especially advantageous for materials with poor heat-conducting properties, such as stainless steel (INOX).

PFERD tools with an active grinding layer feature the additional "COOL" label in their item description.

Fine Grinding & Polishing Tools

Surface roughness – influencing factors & reference values



Factors influencing the surface roughness:

Abrasives:

- The coarser the grit, the rougher the surface achieved
- Aluminium oxide, ceramic oxide grain and zirconia alumina achieve similar degrees of surface roughness
- Workpieces that are machined with silicon carbide display a slightly finer surface finish

Material to be machined:

- The softer the material to be machined, the coarser the surface produced when using the same grit size
- By adding grease or lubricant, a slightly finer surface finish is achieved

Material parameters:

- The relationship between cutting speed and feed has the following effects:
 - By increasing the cutting speed, the surface quality is slightly improved
 - By reducing the feed speed, the surface quality becomes slightly finer
- The contact pressure has only a very slight effect on the surface roughness

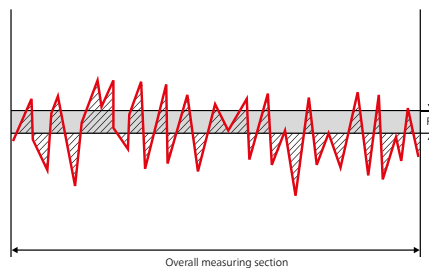
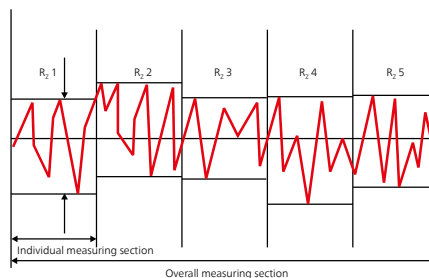
There is a differentiation between the following roughness depths:

The **individual roughness depth R_{zi}** is the sum of the height of the largest profile peak and the depth of the largest profile trough within an individual measuring section.

The **roughness depth R_z** is the mean value of the individual roughness depths (R_{zi}) of consecutive individual measuring sections.

The **roughness depth R_{max}** is the largest individual roughness depth within the overall measuring section.

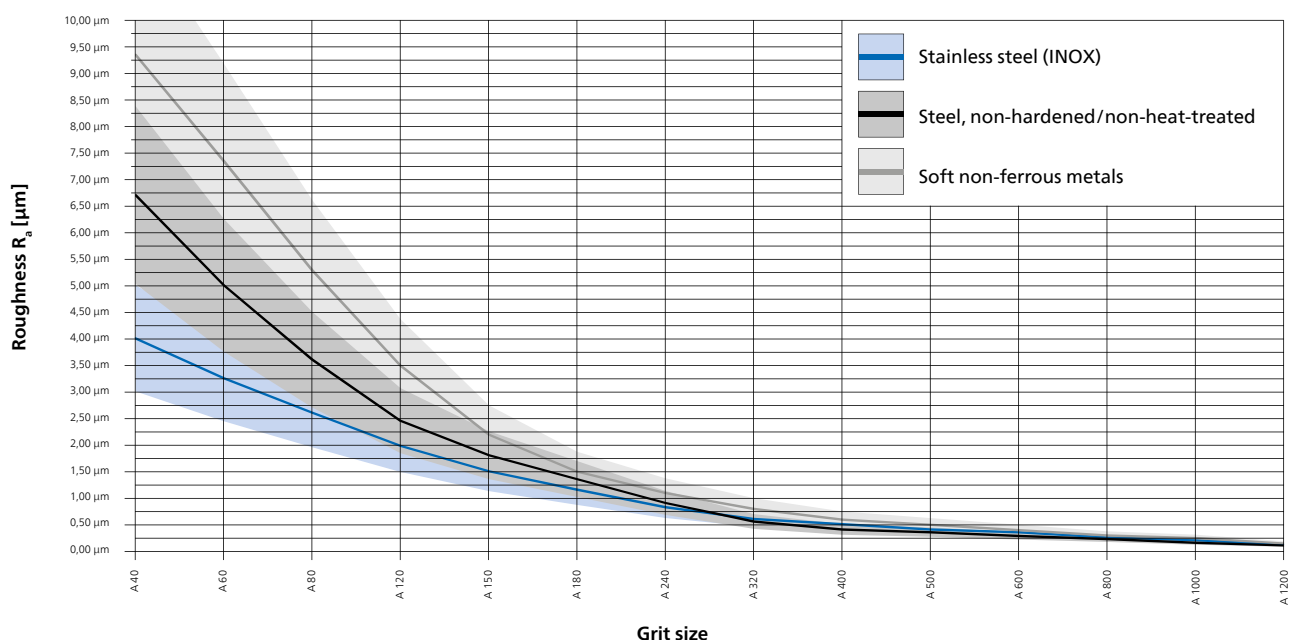
The **average roughness value R_a** is the arithmetic mean value of the sum of all profile values within the roughness profile.



Guide values for degrees of surface roughness with different machining applications:

Application	Roughness depth
Coarse grinding: Grit sizes 24 to 150	$R_a = 0.70$ to $12 \mu\text{m}$
Fine grinding: Grit sizes 180 to 400	$R_a = 0.20$ to $0.70 \mu\text{m}$
Very fine grinding: Grit sizes 500 to 1200	$R_a = 0.05$ to $0.20 \mu\text{m}$
Polishing: Step 1: Step 2: Step 3:	$R_a = 0.10$ to $0.20 \mu\text{m}$ $R_a = 0.04$ to $0.10 \mu\text{m}$ $R_a < 0.01 \mu\text{m}$
Structuring: Surfaces ground	$R_a = 0.20$ to $0.70 \mu\text{m}$
Satinizing/ matt finishing: With non-woven abrasive	$R_a = 0.10$ to $0.70 \mu\text{m}$

Surface roughness of various materials following machining with tools using coated abrasives



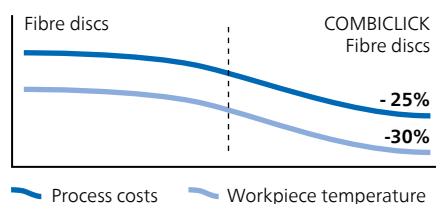
The patented quick-mounting and cooling system from PFERD is suitable for use with fibre, non-woven and felt discs.

The COMBICLICK system consists of a specially developed backing pad and a rugged mounting system at the back of the tool. With the backing pad, COMBICLICK tools can be used on commercially available angle grinders.

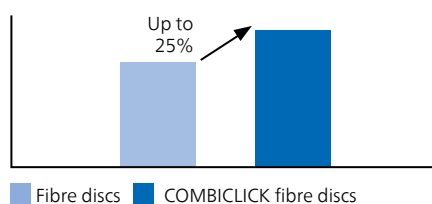
The special geometry of the cooling slots ensures high air throughput, which in turn considerably reduces the thermal load on the abrasive material and the workpiece.

Compared to conventional tools, the quick-mounting system, the robust holder, the safe fixing of the tool and the integrated cooling system together achieve a workpiece temperature that is 30 % lower, a stock removal rate that is 25 % higher, a tool life that is 30 % longer and better exploitation of the abrasive material.

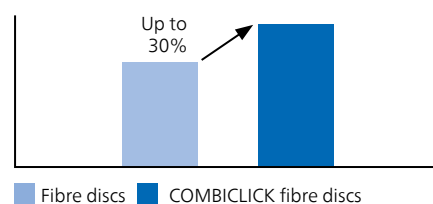
Lower process costs and workpiece temperature



Higher stock removal rate



Longer tool life



Advantages:

System



Very easy and comfortable to use.

Clamping



Extremely fast and easy tool change reduces process costs.

Cooling effect



Very good cooling of tool and workpiece.

Flexible grinding



Soft and particularly flexible grinding performance in face-down grinding.

A very low angle to the workpiece is possible with COMBICLICK!

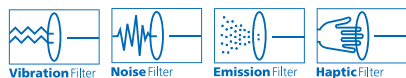


Using COMBICLICK helps to avoid scratches caused by protruding clamping pieces, and exploits the abrasive material that is available.



PFERDVALUE:

PFERDERGONOMICS recommends COMBICLICK as an innovative tool solution to sustainably reduce vibration, noise and dust levels produced by tools, and to improve working comfort.



PFERDEFFICIENCY recommends COMBICLICK for long, fatigue-free and resource-saving work, with perfect results in the shortest possible time. The patented quick-mounting system reduces tool change and setup times.



GERMAN
FEDERAL AWARD
FOR OUTSTANDING INNOVATION
IN THE CRAFTS SECTOR
INTERNATIONALE HANDWERKSMESSE
(INTERNATIONAL CRAFTS FAIR)



You will receive more
information here or at
www.pferd.com.au

COMBICLICK

General information



The wide range of COMBICLICK fibre discs offers the best tool for any grinding application, from coarse to fine.

Advantages:

- Innovative quick-mounting system guarantees convenient handling and cool grinding.
- High profitability thanks to long tool life and very high stock removal rate.
- Consistent surface finish thanks to highquality abrasives.

Applications:

- Levelling
- Deburring
- Surface work
- Work on edges
- Work on weld seams
- Step-by-step fine grinding

Recommendations for use:

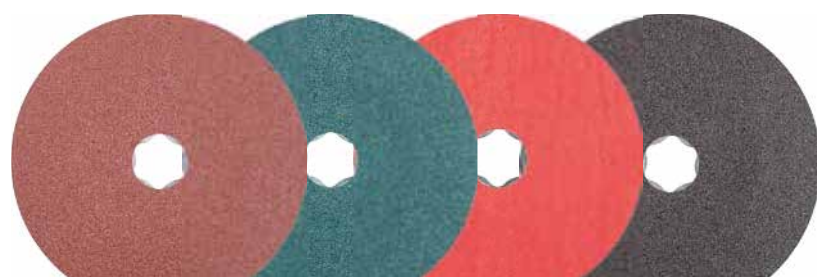
- Use COMBICLICK fibre discs with COMBICLICK backing pads on commercially available angle grinders.
- Use grinding oil which is suitable for the material in order to considerably increase the tool life and abrasive performance of the tools. More detailed information and ordering data for grinding oils can be found on page 155.
- For particularly flexible performance when face-down grinding, use fibre discs with a diameter of 125 mm.

Matching tool drives:

- Angle grinders
- Cordless angle grinders

Ordering notes:

- Please order COMBICLICK backing pads separately. More detailed information and ordering data for backing pads can be found on page 94.
- When ordering, please state the EAN or the full description.
- Ordering example:
EAN 4007220722275
CC-FS 125 A-COOL 60
- Ordering example explanation:
CC-FS = COMBICLICK fibre disc
125 = Outer diameter D [mm]
A = Abrasive
COOL = Bond type
60 = Grit size



Safety notes:

- The maximum permitted peripheral speed is 80 m/s.
- For safety reasons, the specified maximum permitted rotational speed must never be exceeded.



Accessories:

- COMBICLICK backing pads

The fast way to the best tool

Material			Abrasive		Aluminium Oxide A	Zirconia Alumina Z	Ceramic Oxide grain CO	VICTO- GRAIN COOL	Silicone Carbide Sic	Aluminium Oxide A-COOL	Ceramic Oxide grain CO-COOL
Steel, cast steel	Non-hardened, non-heat-treated steels	Construction steels, carbon steels, tool steels, non-alloyed steels, cast steel			●	○	●	●			
	Hardened, heat-treated steels	Tool steels, tempering steels, alloyed steels, cast steel			○	●	●	●			
Stainless steel (INOX)	Rust- and acid-resistant steels	Austenitic and ferritic stainless steels				○		●		●	●
Non-ferrous metals	Soft non-ferrous metals, non-ferrous metals	Soft aluminium alloys			○					●	○
		Brass, copper, zinc			●	○	○				
	Hard non-ferrous metals	Hard aluminium alloys			●	○	○		○		
		Bronze, titanium				○	○	●	●		●
	High-temperature resistant materials	Nickel-based and cobalt-based alloys				○	○	●			●
Cast iron	Grey cast iron, white cast iron	Cast iron with flake graphite EN-GJL (GG), with nodular graphite/nodular cast iron EN-GJS (GGG), white annealed cast iron EN-GJMW (GTW), black cast iron EN-GJMB (GTS)			●	○	●				
Plastics, other materials		Fibre-reinforced plastics, thermoplastics, wood, chipboard, paintwork			●				●		

● = Highly suitable

○ = Suitable

PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE
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GK - Rubber Drum Holders	47	COMBIDISC Abrasive Discs-CDR Ceramic COOL (Top Size)	59	POLIFLEX Blocks	64
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COMBIDISC Abrasive Discs - CDR Z	59	POLICLEAN Cleaning & Stripping Tools-Depressed Centre	64		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools						  The above image is for illustrative purposes only. To be used with applicable Spiral Band
GK - Rubber Drum Holders *						
4 x 10	GK 0410/3	42100413	4007220146729	1	\$16.76	
4 x 10	GK 0410/6	42100410	4007220146712	1	\$16.76	
6 x 10	GK 0610/3	42100613	4007220146743	1	\$18.39	
6 x 10	GK 0610/6	42100610	4007220146736	1	\$18.39	
8 x 10	GK 0810/3	42100813	4007220146767	1	\$19.68	
8 x 10	GK 0810/6	42100810	4007220146750	1	\$19.68	
10 x 10	GK 1010/6	42101000	4007220146774	1	\$31.12	
10 x 20	GK 1020/6	42102000	4007220146781	1	\$47.21	
13 x 10	GK 1310/6	42103000	4007220146798	1	\$31.12	
13 x 25	GK 1325/6	42104000	4007220146804	1	\$47.21	
15 x 10	GK 1510/6	42105000	4007220146811	1	\$31.12	
15 x 30	GK 1530/6	42106000	4007220146828	1	\$47.21	
19 x 25	GK 1925/6	42106500	4007220146835	1	\$49.76	
22 x 20	GK 2220/6	42107000	4007220146842	1	\$39.19	
25 x 25	GK 2525/6 *	42107500	4007220146866	1	\$53.07	
30 x 20	GK 3020/6	42108000	4007220146873	1	\$42.78	
30 x 30	GK 3030/6	42109000	4007220146880	1	\$47.21	
38 x 25	GK 3825/6 *	42109500	4007220146903	1	\$54.32	
45 x 30	GK 4530/6	42110000	4007220146927	1	\$54.13	
51 x 25	GK 5125/6	42110500	4007220146941	1	\$65.22	
60 x 30	GK 6030/6	42111006	4007220146958	1	\$69.51	
75 x 30	GK 7530/8	42112000	4007220146972	1	\$76.48	
100 x 40	GK 10040/8 #	42113000	4007220146989	1	\$97.56	
* Number shown after "/" denotes shank size (e.g. GK 0410/3 = 3mm shank)						
# Available on request						

The above image is for illustrative purposes only. To be used with applicable Spiral Band

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Abrasive Spiral Bands - Aluminium Oxide						
10 x 10	KSB 1010 A 80	42231108	4007220148921	25	\$1.83	 
10 x 10	KSB 1010 A 150	42231115	4007220148938	25	\$1.83	
10 x 20	KSB 1020 A 80	42232108	4007220148952	25	\$2.56	
10 x 20	KSB 1020 A 150	42232115	4007220148969	25	\$2.56	
10 x 20	KSB 1020 A 240	42232124	4007220148976	25	\$2.56	
13 x 10	KSB 1310 A 80	42233108	4007220148983	25	\$1.73	
13 x 10	KSB 1310 A 150	42233115	4007220148990	25	\$1.73	
13 x 25	KSB 1325 A 80	42234108	4007220149010	25	\$2.44	
13 x 25	KSB 1325 A 150	42234115	4007220149027	25	\$2.44	
15 x 10	KSB 1510 A 60	42235105	4007220149041	25	\$1.73	
15 x 10	KSB 1510 A 80	42235108	4007220149058	25	\$1.73	
15 x 10	KSB 1510 A 150	42235115	4007220149065	25	\$1.73	
15 x 30	KSB 1530 A 50	42236103	4007220149089	25	\$2.56	
15 x 30	KSB 1530 A 60	42236105	4007220149096	25	\$2.56	
15 x 30	KSB 1530 A 80	42236108	4007220149102	25	\$2.56	
15 x 30	KSB 1530 A 150	42236115	4007220149119	25	\$2.56	
15 x 30	KSB 1530 A 240	42236124	4007220149126	25	\$2.56	
19 x 25	KSB 1925 A 60	42236505	4007220149133	25	\$2.56	
19 x 25	KSB 1925 A 80	42236508	4007220149140	25	\$2.56	
19 x 25	KSB 1925 A 150	42236515	4007220149157	25	\$2.56	
19 x 25	KSB 1925 A 240	42236524	4007220149164	25	\$2.56	
22 x 20	KSB 2220 A 50	42237104	4007220149171	25	\$1.83	 
22 x 20	KSB 2220 A 60	42237105	4007220149188	25	\$1.83	
22 x 20	KSB 2220 A 80	42237108	4007220149195	25	\$1.83	
22 x 20	KSB 2220 A 150	42237115	4007220149201	25	\$1.83	
25 x 25	KSB 2525 A 40	* 47502501	4007220941386	25	\$2.27	
25 x 25	KSB 2525 A 60	* 42237505	4007220149225	25	\$2.27	
25 x 25	KSB 2525 A 80	* 42237508	4007220149232	25	\$2.27	
25 x 25	KSB 2525 A 150	42237515	4007220149249	25	\$2.27	
30 x 20	KSB 3020 A 40	42238104	4007220149263	25	\$2.15	
30 x 20	KSB 3020 A 60	42238105	4007220149270	25	\$2.15	
30 x 20	KSB 3020 A 80	42238108	4007220149287	25	\$2.15	
30 x 20	KSB 3020 A 150	42238115	4007220149294	25	\$2.15	
30 x 30	KSB 3030 A 40	42239104	4007220149324	25	\$3.00	
30 x 30	KSB 3030 A 60	42239105	4007220149331	25	\$3.00	
30 x 30	KSB 3030 A 80	42239108	4007220149348	25	\$3.00	
30 x 30	KSB 3030 A 150	42239115	4007220149355	25	\$3.00	
38 x 25	KSB 3825 A 40	* 42239504	4007220149379	25	\$3.78	
38 x 25	KSB 3825 A 60	* 42239505	4007220149386	25	\$3.78	
38 x 25	KSB 3825 A 80	* 42239508	4007220149393	25	\$3.78	
38 x 25	KSB 3825 A 150	42239515	4007220149409	25	\$3.78	
45 x 30	KSB 4530 A 40	42240104	4007220149461	10	\$4.04	
45 x 30	KSB 4530 A 50	42240103	4007220149454	10	\$4.04	
45 x 30	KSB 4530 A 60	42240105	4007220149478	10	\$4.04	
45 x 30	KSB 4530 A 80	42240108	4007220149485	10	\$4.04	
45 x 30	KSB 4530 A 150	42240115	4007220149492	10	\$4.04	
51 x 25	KSB 5125 A 40	42240504	4007220149515	10	\$4.21	
51 x 25	KSB 5125 A 60	42240505	4007220149522	10	\$4.21	
51 x 25	KSB 5125 A 80	42240508	4007220149539	10	\$4.21	
51 x 25	KSB 5125 A 150	42240515	4007220149546	10	\$4.21	
60 x 30	KSB 6030 A 40	42241104	4007220149577	10	\$4.95	
60 x 30	KSB 6030 A 60	42241105	4007220149584	10	\$4.95	
60 x 30	KSB 6030 A 80	42241108	4007220149591	10	\$4.95	
60 x 30	KSB 6030 A 150	42241115	4007220149607	10	\$4.95	
75 x 30	KSB 7530 A 40	42242104	4007220149614	10	\$5.74	
75 x 30	KSB 7530 A 60	42242105	4007220149621	10	\$5.74	
75 x 30	KSB 7530 A 80	42242108	4007220149638	10	\$5.74	
75 x 30	KSB 7530 A 150	42242115	4007220149645	10	\$5.74	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Abrasive Spiral Bands - Zirconia						
13 x 25	GSB 1325 Z 60	42217064	4007220804872	100	\$2.56	 
13 x 25	GSB 1325 Z 80	42217065	4007220804889	100	\$2.56	
19 x 25	GSB 1925 Z 40	42217092	4007220804896	100	\$2.68	
19 x 25	GSB 1925 Z 60	42217094	4007220804940	100	\$2.68	
19 x 25	GSB 1925 Z 80	42217095	4007220804957	100	\$2.68	
25 x 25	GSB 2525 Z 40	42217112	4007220805022	100	\$2.89	
25 x 25	GSB 2525 Z 60	42217114	4007220805084	100	\$2.89	
25 x 25	GSB 2525 Z 80	42217115	4007220805091	100	\$2.89	
30 x 30	GSB 3030 Z 40	42217132	4007220805145	100	\$3.24	
30 x 30	GSB 3030 Z 50	42217133	4007220805152	100	\$3.24	
30 x 30	GSB 3030 Z 60	42217134	4007220805176	100	\$3.24	
30 x 30	GSB 3030 Z 80	42217135	4007220805183	100	\$3.24	
38 x 25	GSB 3825 Z 40	42217142	4007220805190	100	\$4.21	
38 x 25	GSB 3825 Z 60	42217144	4007220805206	100	\$4.21	
45 x 30	GSB 4530 Z 40	42217152	4007220805664	100	\$4.35	
45 x 30	GSB 4530 Z 60	42217154	4007220805725	100	\$4.35	
45 x 30	GSB 4530 Z 80	42217155	4007220805732	100	\$4.35	
51 x 25	GSB 5125 Z 40	42217162	4007220803943	100	\$4.46	
51 x 25	GSB 5125 Z 60	42217164	4007220803950	100	\$4.46	
51 x 25	GSB 5125 Z 80	42217165	4007220803967	100	\$4.46	
Abrasive Spiral Bands - Zirconia COOL (Top Size)						
15 x 30	GSB 1530 Z 50 COOL	42206183	4007220147887	100	\$2.15	 
15 x 30	GSB 1530 Z 80 COOL	42206188	4007220147894	100	\$2.15	
15 x 30	GSB 1530 Z 150 COOL	42206285	4007220147924	100	\$2.15	
30 x 30	GSB 3030 Z 80 COOL	42209188	4007220148242	100	\$2.68	
45 x 30	GSB 4530 Z 36 COOL	42210182	4007220148426	100	\$3.54	
45 x 30	GSB 4530 Z 150 COOL	42210285	4007220148471	100	\$3.54	
Abrasive Spiral Bands - Ceramic COOL (Top Size)						
10 x 20	GSB 1020 CO-COOL 60 Grit	47501467	4007220809075	100	\$3.06	 
10 x 20	GSB 1020 CO-COOL 120 Grit	47501492	4007220868973	100	\$3.06	
13 x 25	GSB 1325 CO-COOL 60 Grit	42204205	4007220088074	100	\$3.07	
15 x 30	GSB 1530 CO-COOL 60 Grit	42206305	4007220772195	100	\$3.07	
15 x 30	GSB 1530 CO-COOL 80 Grit	42206308	4007220772201	100	\$3.07	
15 x 30	GSB 1530 CO-COOL 120 Grit	42206312	4007220772218	100	\$3.07	
19 x 25	GSB 1925 CO-COOL 36 Grit	42206702	4007220088234	100	\$2.84	
19 x 25	GSB 1925 CO-COOL 60 Grit	42206705	4007220088333	100	\$2.84	
19 x 25	GSB 1925 CO-COOL 80 Grit	42206708	4007220088340	100	\$2.84	
22 x 20	GSB 2220 CO-COOL 60 Grit	42207305	4007220772225	100	\$2.20	
22 x 20	GSB 2220 CO-COOL 80 Grit	42207308	4007220772232	100	\$2.20	
22 x 20	GSB 2220 CO-COOL 120 Grit	42207312	4007220772249	100	\$2.20	
25 x 25	GSB 2525 CO-COOL 36 Grit *	47502567	4007220974971	100	\$3.05	
25 x 25	GSB 2525 CO-COOL 60 Grit *	42207705	4007220772256	100	\$3.05	
25 x 25	GSB 2525 CO-COOL 80 Grit *	42207708	4007220772263	100	\$3.05	
25 x 25	GSB 2525 CO-COOL 120 Grit	42207712	4007220772270	100	\$3.05	
30 x 30	GSB 3030 CO-COOL 36 Grit	42209302	4007220772287	100	\$3.43	
30 x 30	GSB 3030 CO-COOL 60 Grit	42209305	4007220772294	100	\$3.43	
30 x 30	GSB 3030 CO-COOL 80 Grit	42209308	4007220772317	100	\$3.43	
30 x 30	GSB 3030 CO-COOL 120 Grit	42209312	4007220772331	100	\$3.43	
45 x 30	GSB 4530 CO-COOL 36 Grit	42210302	4007220772355	100	\$4.51	
45 x 30	GSB 4530 CO-COOL 60 Grit	42210305	4007220772362	100	\$4.51	
45 x 30	GSB 4530 CO-COOL 80 Grit	42210308	4007220772393	100	\$4.51	
60 x 30	GSB 6030 CO-COOL 36 Grit	42211302	4007220772416	100	\$6.13	
60 x 30	GSB 6030 CO-COOL 60 Grit	42211305	4007220772423	100	\$6.13	
60 x 30	GSB 6030 CO-COOL 80 Grit	42211308	4007220772430	100	\$6.13	
60 x 30	GSB 6030 CO-COOL 120 Grit	42211312	4007220772447	100	\$5.95	



Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLIROLL - Aluminium Oxide						
6 x 25	PR 0625 A 80 Grit	42810608	4007220152300	50	\$2.89	  PR
6 x 25	PR 0625 A 150 Grit	42810615	4007220152317	50	\$2.89	
6 x 35	PR 0635 A 80 Grit	42810708	4007220152324	50	\$3.24	
6 x 35	PR 0635 A 150 Grit	42810715	4007220152331	50	\$3.24	
9 x 35	PR 0935 A 80 Grit	42810908	4007220152362	50	\$4.04	
9 x 35	PR 0935 A 150 Grit	42810915	4007220152379	50	\$4.04	
12 x 35	PR 1235 A 50 Grit	42811305	4007220152416	50	\$4.85	
12 x 35	PR 1235 A 80 Grit	42811308	4007220152423	50	\$4.85	
12 x 35	PR 1235 A 150 Grit	42811315	4007220152430	50	\$4.85	
POLIROLL Set						
Assorted	151 Piece POLIROLL SET PRS 151 150 POLIROLL cartridge rolls with 1 suitable arbor 20 pcs each of PR 0625 A 80 and A 150 20 pcs each of PR 0925 A 80 and A 150 20 pcs each of PR 1225 A 80 and A 150 10 pcs each of PRK 1025 A 80 and A 150 10 pcs of PRK 1225 A 80	49500151	4007220335727	1	\$769.41	
POLIROLL - Ceramic COOL (Top Size)						
6 x 35	PR 0635 CO-COOL 60 Grit	42810746	4007220803295	50	\$4.62	  PR
6 x 35	PR 0635 CO-COOL 80 Grit	42810748	4007220803301	50	\$4.62	
6 x 35	PR 0635 CO-COOL 120 Grit	42810750	4007220803318	50	\$4.62	
9 x 35	PR 0935 CO-COOL 60 Grit	42810946	4007220803356	50	\$6.58	
9 x 35	PR 0935 CO-COOL 80 Grit	42810948	4007220803363	50	\$6.58	
9 x 35	PR 0935 CO-COOL 120 Grit	42810950	4007220803370	50	\$6.58	
12 x 35	PR 1235 CO-COOL 60 Grit	42811346	4007220803424	50	\$7.01	
12 x 35	PR 1235 CO-COOL 80 Grit	42811348	4007220803431	50	\$7.01	
12 x 35	PR 1235 CO-COOL 120 Grit	42811350	4007220803448	50	\$7.01	
POLIROLL Arbors						
BO 3-18-3 (Suits PR 0625, PRK 1025)		42703183	4007220152171	1	\$36.12	
BO 6-18-3 (Suits PR 0625, PR 0925, PR 1225, PRK 1025, PRK 1225)		42706183	4007220152188	1	\$33.18	
BO 6-24-3 (Suits PR 0635, PR 0935, PR 1235)		42706243	4007220152195	1	\$38.93	
POLICAP Holders						
5 x 10	PCT ZYA 0510/3	42150000	4007220147139	1	\$18.24	 ZYA Shape
7 x 12	PCT ZYA 0712/3	42150005	4007220147146	1	\$19.68	
10 x 15	PCT ZYA 1015/3	42150010	4007220147153	1	\$20.03	 WRC Shape
13 x 17	PCT ZYA 1317/6	42151015	4007220147221	1	\$20.03	
16 x 26	PCT ZYA 1626/6	42151020	4007220147238	1	\$20.47	 WKG Shape
5 x 11	PCT WRC 0511/3	42150100	4007220147160	1	\$18.24	
7 x 13	PCT WRC 0713/3	42150105	4007220147177	1	\$19.68	 KEL Shape
10 x 15	PCT WRC 1015/3	42150110	4007220147184	1	\$20.03	
13 x 17	PCT WRC 1317/6	42151115	4007220147245	1	\$20.03	
16 x 26	PCT WRC 1626/6	42151120	4007220147252	1	\$20.47	
5 x 11	PCT WKG 0511/3	42150200	4007220147191	1	\$17.95	
7 x 13	PCT WKG 0713/3	42150205	4007220147207	1	\$19.68	
10 x 15	PCT WKG 1015/3	42150210	4007220147214	1	\$20.03	
13 x 17	PCT WKG 1317/6	42151215	4007220147269	1	\$20.03	
16 x 26	PCT WKG 1626/6	42151220	4007220147276	1	\$20.47	
5 x 15	PCT KEL 0515/6	42151400	4007220147283	1	\$24.27	
11 x 25	PCT KEL 1125/6	42151410	4007220147290	1	\$25.24	
16 x 32	PCT KEL 1632/6	42151420	4007220147306	1	\$25.63	
21 x 40	PCT KEL 2140/6	42151430	4007220147313	1	\$36.99	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLICAP Sets						
650 pcs	650 Piece POLICAP SET PCS 650	49606500	4007220355435	1	\$2,219.96	
Contents: 10 pcs each of: POLICAP abrasive caps PC (grit size 150/280) ZYA 1626 and WKG 1626 25 pcs each of: POLICAP abrasive caps PC (grit size 150/280) ZYA 1015, ZYA 1317, WKG 1015 and WKG 1317 50 pcs each of: POLICAP abrasive caps PC (grit size 150/280) ZYA 0510, ZYA 0712, WKG 0511 and WKG 0713 Matching Holders: 1 pc each of: POLICAP abrasive cap holder PCT ZYA 0510, ZYA 0712, ZYA 1317, ZYA 1626, WKG 0511, WKG 0713, WKG 1015, WKG 1317 & WKG 1626						
110 pcs ZYA	110 Piece POLICAP SET PCS 110 ZYA	49601101	4007220355404	1	\$513.19	
Contents: 5 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) ZYA 1015, ZYA 1317 and ZYA 1626 10 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) ZYA 0510 and ZYA 0712 Matching Holders: 1 pc each of: POLICAP abrasive cap holder PCT ZYA 0510, ZYA 0712, ZYA1015, ZYA 1317 and ZYA 1626						
110 pcs WRC	110 Piece POLICAP SET PCS 110 WRC	49601103	4007220355411	1	\$513.19	
Contents: 5 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) WRC 1015, WRC 1317 and WRC 1626 10 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) WRC 0511 and WRC 0713 Matching Holders: 1 pc each of: POLICAP abrasive cap holder PCT WRC 0511, WRC 0713, WRC 1015, WRC 1317 and WRC 1626						
110 pcs WKG	110 Piece POLICAP SET PCS 110 WKG	49601107	4007220355428	1	\$513.19	
Contents: 5 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) WKG 1015, WKG 1317 and WKG 1626 10 pcs each of: POLICAP abrasive caps PC (grit size 60/150/280) WKG 0511 and WKG 0713 Matching Holders: 1 pc each of: POLICAP abrasive cap holder PCT WKG 0511, WKG 0713, WKG 1015, WKG 1317 and WKG 1626						

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Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLICAP - Aluminium Oxide						
5 x 10	PC ZYA 0510 80 Grit	42301051	4007220150788	50	\$2.41	 ZYA Shape 
5 x 10	PC ZYA 0510 150 Grit	42301052	4007220150795	50	\$2.41	
5 x 10	PC ZYA 0510 280 Grit	42301053	4007220150801	50	\$2.41	
7 x 12	PC ZYA 0712 60 Grit	42301071	4007220150818	50	\$2.61	
7 x 12	PC ZYA 0712 150 Grit	42301072	4007220150825	50	\$2.61	
7 x 12	PC ZYA 0712 280 Grit	42301073	4007220150832	50	\$2.61	
10 x 15	PC ZYA 1015 60 Grit	42301101	4007220150849	50	\$2.72	
10 x 15	PC ZYA 1015 150 Grit	42301102	4007220150856	50	\$2.72	
10 x 15	PC ZYA 1015 280 Grit	42301103	4007220150863	50	\$2.72	
13 x 17	PC ZYA 1317 60 Grit	42301131	4007220150870	50	\$3.07	
13 x 17	PC ZYA 1317 150 Grit	42301132	4007220150887	50	\$3.07	 WRC Shape 
13 x 17	PC ZYA 1317 280 Grit	42301133	4007220150894	50	\$3.07	
16 x 26	PC ZYA 1626 60 Grit	42301161	4007220150900	50	\$3.60	
16 x 26	PC ZYA 1626 150 Grit	42301162	4007220150917	50	\$3.60	
16 x 26	PC ZYA 1626 280 Grit	42301163	4007220150924	50	\$3.60	
5 x 11	PC WRC 0511 80 Grit	42302051	4007220150931	50	\$2.41	
5 x 11	PC WRC 0511 150 Grit	42302052	4007220150948	50	\$2.41	
5 x 11	PC WRC 0511 280 Grit	42302053	4007220150955	50	\$2.41	
7 x 13	PC WRC 0713 60 Grit	42302071	4007220150962	50	\$2.61	
7 x 13	PC WRC 0713 150 Grit	42302072	4007220150979	50	\$2.61	
7 x 13	PC WRC 0713 280 Grit	42302073	4007220150986	50	\$2.61	 WKG Shape 
10 x 15	PC WRC 1015 60 Grit	42302101	4007220150993	50	\$2.72	
10 x 15	PC WRC 1015 150 Grit	42302102	4007220151006	50	\$2.72	
10 x 15	PC WRC 1015 280 Grit	42302103	4007220151013	50	\$2.72	
13 x 17	PC WRC 1317 60 Grit	42302131	4007220151020	50	\$3.07	
13 x 17	PC WRC 1317 150 Grit	42302132	4007220151037	50	\$3.07	
13 x 17	PC WRC 1317 280 Grit	42302133	4007220151044	50	\$3.07	
16 x 26	PC WRC 1626 60 Grit	42302161	4007220151051	50	\$3.60	
16 x 26	PC WRC 1626 150 Grit	42302162	4007220151068	50	\$3.60	
16 x 26	PC WRC 1626 280 Grit	42302163	4007220151075	50	\$3.60	
5 x 11	PC WKG 0511 80 Grit	42303051	4007220151082	50	\$2.41	 KEL Shape 
5 x 11	PC WKG 0511 150 Grit	42303052	4007220151099	50	\$2.41	
5 x 11	PC WKG 0511 280 Grit	42303053	4007220151105	50	\$2.41	
7 x 13	PC WKG 0713 60 Grit	42303071	4007220151112	50	\$2.61	
7 x 13	PC WKG 0713 150 Grit	42303072	4007220151129	50	\$2.61	
7 x 13	PC WKG 0713 280 Grit	42303073	4007220151136	50	\$2.61	
10 x 15	PC WKG 1015 60 Grit	42303101	4007220151143	50	\$2.72	
10 x 15	PC WKG 1015 150 Grit	42303102	4007220151150	50	\$2.72	
13 x 17	PC WKG 1317 60 Grit	42303131	4007220151174	50	\$3.07	
13 x 17	PC WKG 1317 280 Grit	42303133	4007220151198	50	\$3.07	
16 x 26	PC WKG 1626 60 Grit	42303161	4007220151204	50	\$3.60	
16 x 26	PC WKG 1626 150 Grit	42303162	4007220151211	50	\$3.60	
5 x 15	PC KEL 0515 80 Grit	42306051	4007220151235	50	\$3.07	
5 x 15	PC KEL 0515 150 Grit	42306052	4007220151242	50	\$3.07	
11 x 25	PC KEL 1125 60 Grit	42306111	4007220151266	50	\$3.60	
11 x 25	PC KEL 1125 150 Grit	42306112	4007220151273	50	\$3.60	
11 x 25	PC KEL 1125 280 Grit	42306113	4007220151280	50	\$3.60	
16 x 32	PC KEL 1632 60 Grit	42306161	4007220151297	50	\$4.03	
16 x 32	PC KEL 1632 150 Grit	42306162	4007220151303	50	\$4.03	
16 x 32	PC KEL 1632 280 Grit	42306163	4007220151310	50	\$4.03	
21 x 40	PC KEL 2140 60 Grit	42306211	4007220151327	50	\$4.48	
21 x 40	PC KEL 2140 150 Grit	42306212	4007220151334	50	\$4.48	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLICAP - Silicon Carbide COOL (SiC-COOL)						
5 x 11	PC WRC 0511 80 Grit	42302054	4007220953716	50	\$2.72	 WRC Shape
5 x 11	PC WRC 0511 150 Grit	42302055	4007220953723	50	\$2.72	
7 x 13	PC WRC 0713 80 Grit	42302074	4007220953730	50	\$2.92	
7 x 13	PC WRC 0713 150 Grit	42302075	4007220953747	50	\$3.00	
10 x 15	PC WRC 1015 80 Grit	42302104	4007220953754	50	\$3.11	
10 x 15	PC WRC 1015 150 Grit	42302105	4007220953761	50	\$3.11	
13 x 17	PC WRC 1317 80 Grit	42302134	4007220953778	50	\$3.52	
13 x 17	PC WRC 1317 150 Grit	42302135	4007220953792	50	\$3.52	
POLICAP - Ceramic Oxide COOL (CO-COOL)						
5 x 11	PC WRC 0511 80 Grit	42302056	4007220953938	50	\$3.00	 WRC Shape
5 x 11	PC WRC 0511 120 Grit	42302057	4007220953945	50	\$3.00	
7 x 13	PC WRC 0713 80 Grit	42302076	4007220953952	50	\$3.20	 WRC Shape
7 x 13	PC WRC 0713 120 Grit	42302077	4007220953969	50	\$3.20	
10 x 15	PC WRC 1015 80 Grit	42302106	4007220953976	50	\$3.39	 WRC Shape
10 x 15	PC WRC 1015 120 Grit	42302107	4007220954041	50	\$3.39	
13 x 17	PC WRC 1317 80 Grit	42302136	4007220954058	50	\$3.85	
13 x 17	PC WRC 1317 120 Grit	42302137	4007220954119	50	\$3.85	
16 x 26	PC WRC 1626 80 Grit	42302166	4007220954126	50	\$4.58	 KEL Shape
16 x 26	PC WRC 1626 120 Grit	42302167	4007220954133	50	\$4.58	
5 x 15	PC KEL 0515 80 Grit	42306056	4007220954140	50	\$3.85	
5 x 15	PC KEL 0515 120 Grit	42306057	4007220954263	50	\$3.85	
Please note: Other sizes and shapes available on request. Please refer to PFERD Tool Manual 23, section 4, page 72-80.						
Fan Grinders - Aluminium Oxide - 3mm Shank						
10 x 10	F 1010/3 A 60 Grit	44400002	4007220661529	10	\$14.79	 
10 x 10	F 1010/3 A 80 Grit	44400003	4007220661635	10	\$14.79	
10 x 10	F 1010/3 A 120 Grit	44400004	4007220661642	10	\$14.79	
10 x 10	F 1010/3 A 150 Grit	44400005	4007220661659	10	\$14.79	
10 x 10	F 1010/3 A 180 Grit	44400006	4007220661673	10	\$14.79	
10 x 10	F 1010/3 A 320 Grit	44400008	4007220661680	10	\$14.79	
10 x 15	F 1015/3 A 60 Grit	44400012	4007220661697	10	\$14.79	
10 x 15	F 1015/3 A 80 Grit	44400013	4007220661703	10	\$14.79	
10 x 15	F 1015/3 A 120 Grit	44400014	4007220661710	10	\$14.79	
10 x 15	F 1015/3 A 150 Grit	44400015	4007220661727	10	\$14.79	
10 x 15	F 1015/3 A 180 Grit	44400016	4007220661734	10	\$14.79	
10 x 15	F 1015/3 A 320 Grit	44400018	4007220661741	10	\$14.79	
15 x 5	F 1505/3 A 60 Grit	44400022	4007220661758	10	\$14.79	
15 x 5	F 1505/3 A 80 Grit	44400023	4007220661765	10	\$14.79	
15 x 5	F 1505/3 A 120 Grit	44400024	4007220661772	10	\$14.79	
15 x 5	F 1505/3 A 150 Grit	44400025	4007220661796	10	\$14.79	
15 x 5	F 1505/3 A 180 Grit	44400026	4007220661802	10	\$14.79	
15 x 5	F 1505/3 A 320 Grit	44400028	4007220661819	10	\$14.79	
15 x 10	F 1510/3 A 60 Grit	44400032	4007220661871	10	\$14.79	
15 x 10	F 1510/3 A 80 Grit	44400033	4007220661918	10	\$14.79	
15 x 10	F 1510/3 A 120 Grit	44400034	4007220661925	10	\$14.79	
15 x 10	F 1510/3 A 180 Grit	44400036	4007220661963	10	\$14.79	
15 x 10	F 1510/3 A 320 Grit	44400038	4007220661987	10	\$14.79	
15 x 15	F 1515/3 A 60 Grit	44400042	4007220661994	10	\$14.90	
15 x 15	F 1515/3 A 80 Grit	44400043	4007220662014	10	\$14.90	
15 x 15	F 1515/3 A 120 Grit	44400044	4007220662038	10	\$14.90	
15 x 15	F 1515/3 A 150 Grit	44400045	4007220662045	10	\$14.90	
15 x 15	F 1515/3 A 180 Grit	44400046	4007220662052	10	\$14.90	
15 x 15	F 1515/3 A 320 Grit	44400048	4007220662069	10	\$14.90	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - Aluminium Oxide - 3mm Shank						
20 x 10	F 2010/3 A 120 Grit	44400123	4007220154113	10	\$5.91	 
20 x 10	F 2010/3 A 150 Grit	44400153	4007220154120	10	\$5.91	
20 x 10	F 2010/3 A 180 Grit	44400183	4007220292563	10	\$5.91	
30 x 5	F 3005/3 A 60 Grit	44401063	4007220154137	10	\$6.50	
30 x 5	F 3005/3 A 80 Grit	44401083	4007220154151	10	\$6.50	
30 x 5	F 3005/3 A 120 Grit	44401123	4007220154175	10	\$6.50	
30 x 5	F 3005/3 A 240 Grit	44401243	4007220154212	10	\$6.50	
30 x 5	F 3005/3 A 320 Grit	44401323	4007220154236	10	\$6.50	
30 x 10	F 3010/3 A 60 Grit	44402063	4007220154250	10	\$6.19	
30 x 10	F 3010/3 A 80 Grit	44402083	4007220154274	10	\$6.19	
30 x 10	F 3010/3 A 120 Grit	44402123	4007220154298	10	\$6.19	
30 x 10	F 3010/3 A 150 Grit	44402153	4007220154311	10	\$6.19	
30 x 10	F 3010/3 A 180 Grit	44402183	4007220292716	10	\$6.19	
30 x 10	F 3010/3 A 240 Grit	44402243	4007220154335	10	\$6.19	
30 x 10	F 3010/3 A 320 Grit	44402323	4007220154359	10	\$6.19	
Fan Grinders - Aluminium Oxide - 6mm Shank						
20 x 10	F 2010/6 A 80 Grit	44400086	4007220292594	10	\$5.91	 
20 x 10	F 2010/6 A 120 Grit	44400126	4007220292617	10	\$5.91	
20 x 10	F 2010/6 A 150 Grit	44400156	4007220292624	10	\$5.91	
20 x 10	F 2010/6 A 180 Grit	44400186	4007220292631	10	\$5.91	
25 x 10	F 2510/6 A 80 Grit	44405086	4007220536896	10	\$6.28	
25 x 10	F 2510/6 A 120 Grit	44405126	4007220536902	10	\$6.28	
25 x 10	F 2510/6 A 180 Grit	44405186	4007220536919	10	\$6.28	
25 x 15	F 2515/6 A 60 Grit	47801092	4007220253762	10	\$7.19	
25 x 15	F 2515/6 A 80 Grit	44406086	4007220154557	10	\$6.38	
25 x 15	F 2515/6 A 120 Grit	44406126	4007220154564	10	\$6.38	
25 x 15	F 2515/6 A 150 Grit	44406156	4007220154571	10	\$6.38	
25 x 15	F 2515/6 A 180 Grit	44406186	4007220292648	10	\$6.38	
25 x 20	F 2520/6 A 80 Grit	44415086	4007220536926	10	\$7.02	
25 x 20	F 2520/6 A 120 Grit	44415126	4007220536933	10	\$7.02	
25 x 20	F 2520/6 A 180 Grit	44415186	4007220536940	10	\$7.02	
25 x 25	F 2525/6 A 60 Grit	47801818	4007220557440	10	\$7.97	
25 x 25	F 2525/6 A 80 Grit	44410086	4007220292655	10	\$7.48	
25 x 25	F 2525/6 A 120 Grit	44410126	4007220292662	10	\$7.48	
25 x 25	F 2525/6 A 150 Grit	44410156	4007220292679	10	\$7.48	
25 x 25	F 2525/6 A 180 Grit	44410186	4007220292686	10	\$7.48	
30 x 3	F 3003/6 A 80 Grit	44416086	4007220950838	10	\$17.56	
30 x 3	F 3003/6 A 120 Grit	44416126	4007220950845	10	\$17.56	
30 x 3	F 3003/6 A 180 Grit	44416186	4007220950869	10	\$17.56	
30 x 3	F 3003/6 A 240 Grit	44416246	4007220950876	10	\$17.56	
30 x 5	F 3005/6 A 60 Grit	44401066	4007220154144	10	\$5.87	
30 x 5	F 3005/6 A 80 Grit	44401086	4007220154168	10	\$5.87	
30 x 5	F 3005/6 A 120 Grit	44401126	4007220154182	10	\$5.87	
30 x 5	F 3005/6 A 150 Grit	44401156	4007220154205	10	\$5.87	
30 x 5	F 3005/6 A 180 Grit	44401186	4007220292709	10	\$5.87	
30 x 5	F 3005/6 A 240 Grit	44401246	4007220154229	10	\$5.87	
30 x 5	F 3005/6 A 320 Grit	44401326	4007220154243	10	\$5.87	
30 x 10	F 3010/6 A 60 Grit	44402066	4007220154267	10	\$6.32	
30 x 10	F 3010/6 A 80 Grit	44402086	4007220154281	10	\$6.32	
30 x 10	F 3010/6 A 120 Grit	44402126	4007220154304	10	\$6.32	
30 x 10	F 3010/6 A 150 Grit	44402156	4007220154328	10	\$6.32	
30 x 10	F 3010/6 A 180 Grit	44402186	4007220292723	10	\$6.32	
30 x 10	F 3010/6 A 240 Grit	44402246	4007220154342	10	\$6.32	
30 x 10	F 3010/6 A 320 Grit	44402326	4007220154366	10	\$6.32	
30 x 10	F 3010/6 A 400 Grit	44402406	4007220533017	10	\$6.32	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - Aluminium Oxide - 6mm Shank						
30 x 15	F 3015/6 A 60 Grit *	44409066	4007220154687	10	\$6.89	 
30 x 15	F 3015/6 A 80 Grit *	44409086	4007220154694	10	\$6.89	
30 x 15	F 3015/6 A 120 Grit	44409126	4007220154700	10	\$6.89	
30 x 15	F 3015/6 A 150 Grit	44409156	4007220154717	10	\$6.89	
30 x 15	F 3015/6 A 180 Grit	44409186	4007220292730	10	\$6.89	
30 x 15	F 3015/6 A 240 Grit	44409246	4007220154724	10	\$6.89	
30 x 15	F 3015/6 A 320 Grit	44409326	4007220154731	10	\$6.89	
30 x 30	F 3030/6 A 60 Grit	44411066	4007220292747	10	\$8.54	
30 x 30	F 3030/6 A 80 Grit	44411086	4007220292754	10	\$8.54	
30 x 30	F 3030/6 A 120 Grit	44411126	4007220292761	10	\$8.54	
30 x 30	F 3030/6 A 150 Grit	44411156	4007220292778	10	\$8.54	
30 x 30	F 3030/6 A 180 Grit	44411186	4007220292785	10	\$8.54	
30 x 30	F 3030/6 A 240 Grit	44411246	4007220292792	10	\$8.54	
30 x 30	F 3030/6 A 320 Grit	44411326	4007220292808	10	\$8.54	
40 x 10	F 4010/6 A 60 Grit	44403066	4007220154373	10	\$7.29	
40 x 10	F 4010/6 A 80 Grit	44403086	4007220154380	10	\$7.29	
40 x 10	F 4010/6 A 120 Grit	44403126	4007220154403	10	\$7.29	
40 x 10	F 4010/6 A 150 Grit	44403156	4007220154410	10	\$7.09	
40 x 10	F 4010/6 A 180 Grit	44403186	4007220292815	10	\$7.29	
40 x 10	F 4010/6 A 240 Grit	44403246	4007220154427	10	\$7.29	
40 x 15	F 4015/6 A 60 Grit	44404066	4007220154441	10	\$7.78	
40 x 15	F 4015/6 A 80 Grit	44404086	4007220154458	10	\$7.78	
40 x 15	F 4015/6 A 120 Grit	44404126	4007220154465	10	\$7.78	
40 x 15	F 4015/6 A 150 Grit	44404156	4007220154489	10	\$7.78	
40 x 15	F 4015/6 A 180 Grit	44404186	4007220292822	10	\$7.78	
40 x 15	F 4015/6 A 240 Grit	44404246	4007220154496	10	\$7.78	
40 x 15	F 4015/6 A 320 Grit	44404326	4007220154519	10	\$7.78	
40 x 20	F 4020/6 A 40 Grit	44408046	4007220800607	10	\$8.75	
40 x 20	F 4020/6 A 60 Grit *	44408066	4007220154625	10	\$8.75	
40 x 20	F 4020/6 A 80 Grit *	44408086	4007220154632	10	\$8.75	
40 x 20	F 4020/6 A 120 Grit	44408126	4007220154649	10	\$8.75	
40 x 20	F 4020/6 A 150 Grit	44408156	4007220154656	10	\$8.75	
40 x 20	F 4020/6 A 180 Grit	44408186	4007220292839	10	\$8.75	
40 x 20	F 4020/6 A 240 Grit	44408246	4007220154663	10	\$8.75	
50 x 5	F 5005/6 A 60 Grit	44418066	4007220950968	10	\$16.36	
50 x 5	F 5005/6 A 80 Grit	44418086	4007220951019	10	\$16.36	
50 x 5	F 5005/6 A 120 Grit	44418126	4007220951026	10	\$16.36	
50 x 5	F 5005/6 A 180 Grit	44418186	4007220951040	10	\$16.36	
50 x 5	F 5005/6 A 240 Grit	44418246	4007220951057	10	\$16.36	
50 x 10	F 5010/6 A 60 Grit	44505066	4007220155189	10	\$9.04	
50 x 10	F 5010/6 A 80 Grit	44505086	4007220155196	10	\$9.04	
50 x 10	F 5010/6 A 120 Grit	44505126	4007220155202	10	\$9.04	
50 x 10	F 5010/6 A 180 Grit	44505186	4007220292846	10	\$9.04	
50 x 10	F 5010/6 A 240 Grit	44505246	4007220155226	10	\$9.04	
50 x 15	F 5015/6 A 60 Grit	44506066	4007220155240	10	\$9.15	
50 x 15	F 5015/6 A 80 Grit	44506086	4007220155257	10	\$9.15	
50 x 15	F 5015/6 A 120 Grit	44506126	4007220155264	10	\$9.15	
50 x 15	F 5015/6 A 150 Grit	44506156	4007220155271	10	\$9.15	
50 x 15	F 5015/6 A 180 Grit	44506186	4007220292853	10	\$9.15	
50 x 15	F 5015/6 A 240 Grit	44506246	4007220155288	10	\$9.15	
50 x 15	F 5015/6 A 320 Grit	44506326	4007220155295	10	\$9.15	
50 x 20	F 5020/6 A 60 Grit	44504066	4007220155127	10	\$9.39	
50 x 20	F 5020/6 A 80 Grit	44504086	4007220155134	10	\$9.39	
50 x 20	F 5020/6 A 120 Grit	44504126	4007220155141	10	\$9.39	
50 x 20	F 5020/6 A 150 Grit	44504156	4007220155158	10	\$9.39	
50 x 20	F 5020/6 A 180 Grit	44504186	4007220292860	10	\$9.39	
50 x 20	F 5020/6 A 320 Grit	44504326	4007220155172	10	\$9.39	

4



Fine Grinding & Polishing Tools

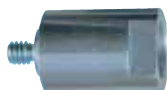
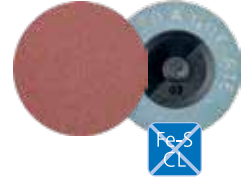
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - Aluminium Oxide - 6mm Shank						
50 x 30	F 5030/6 A 40 Grit	44411546	4007220800591	10	\$10.85	 
50 x 30	F 5030/6 A 60 Grit *	44503066	4007220155066	10	\$10.85	
50 x 30	F 5030/6 A 80 Grit *	44503086	4007220155073	10	\$10.85	
50 x 30	F 5030/6 A 120 Grit	44503126	4007220155080	10	\$10.85	
50 x 30	F 5030/6 A 150 Grit	44503156	4007220155097	10	\$10.85	
50 x 30	F 5030/6 A 180 Grit	44503186	4007220292877	10	\$10.85	
50 x 30	F 5030/6 A 240 Grit	44503246	4007220155103	10	\$10.85	
50 x 30	F 5030/6 A 320 Grit	44503326	4007220155110	10	\$10.85	
60 x 5	F 6005/6 A 60 Grit	44419066	4007220951071	10	\$17.70	
60 x 5	F 6005/6 A 80 Grit	44419086	4007220951088	10	\$17.70	
60 x 5	F 6005/6 A 120 Grit	44419126	4007220951095	10	\$17.70	
60 x 5	F 6005/6 A 150 Grit	44419156	4007220951101	10	\$17.70	
60 x 5	F 6005/6 A 180 Grit	44419186	4007220951118	10	\$17.70	
60 x 5	F 6005/6 A 240 Grit	44419246	4007220951125	10	\$17.70	
60 x 15	F 6015/6 A 60 Grit	44507066	4007220155301	10	\$9.39	
60 x 15	F 6015/6 A 80 Grit	44507086	4007220155318	10	\$9.39	
60 x 15	F 6015/6 A 120 Grit	44507126	4007220155325	10	\$9.39	
60 x 15	F 6015/6 A 150 Grit	44507156	4007220155332	10	\$9.39	
60 x 20	F 6020/6 A 60 Grit	44508066	4007220155363	10	\$10.60	
60 x 20	F 6020/6 A 80 Grit	44508086	4007220155370	10	\$10.60	
60 x 20	F 6020/6 A 120 Grit	44508126	4007220155387	10	\$10.60	
60 x 20	F 6020/6 A 150 Grit	44508156	4007220155394	10	\$10.60	
60 x 20	F 6020/6 A 240 Grit	44508246	4007220155400	10	\$10.60	
60 x 20	F 6020/6 A 320 Grit	44508326	4007220155417	10	\$10.60	
60 x 30	F 6030/6 A 40 Grit	44509046	4007220155424	10	\$11.59	
60 x 30	F 6030/6 A 60 Grit *	44509066	4007220155431	10	\$11.59	
60 x 30	F 6030/6 A 80 Grit *	44509086	4007220155448	10	\$11.59	
60 x 30	F 6030/6 A 120 Grit	44509126	4007220155455	10	\$11.59	
60 x 30	F 6030/6 A 150 Grit	44509156	4007220155462	10	\$11.59	
60 x 30	F 6030/6 A 240 Grit	44509246	4007220155479	10	\$11.59	
60 x 30	F 6030/6 A 320 Grit	44509326	4007220155486	10	\$11.59	
60 x 40	F 6040/6 A 60 Grit	44510066	4007220155493	10	\$13.73	
60 x 40	F 6040/6 A 80 Grit	44510086	4007220155509	10	\$13.73	
60 x 40	F 6040/6 A 120 Grit	44510126	4007220155516	10	\$13.73	
60 x 40	F 6040/6 A 150 Grit	44510156	4007220155523	10	\$13.73	
60 x 40	F 6040/6 A 240 Grit	44510246	4007220155530	10	\$13.73	
60 x 50	F 6050/6 A 40 Grit	44511046	4007220155554	10	\$15.88	
60 x 50	F 6050/6 A 60 Grit	44511066	4007220155561	10	\$15.88	
60 x 50	F 6050/6 A 80 Grit	44511086	4007220155578	10	\$15.88	
60 x 50	F 6050/6 A 120 Grit	44511126	4007220155585	10	\$15.88	
60 x 50	F 6050/6 A 150 Grit	44511156	4007220155592	10	\$15.88	
60 x 50	F 6050/6 A 240 Grit	44511246	4007220155608	10	\$15.88	
60 x 50	F 6050/6 A 320 Grit	44511326	4007220155615	10	\$15.88	
80 x 15	F 8015/6 A 60 Grit	44512066	4007220155622	10	\$11.65	
80 x 15	F 8015/6 A 80 Grit	44512086	4007220155639	10	\$11.65	
80 x 15	F 8015/6 A 120 Grit	44512126	4007220155646	10	\$11.65	
80 x 20	F 8020/6 A 60 Grit	44513066	4007220155684	10	\$12.70	
80 x 20	F 8020/6 A 80 Grit	44513086	4007220155691	10	\$12.70	
80 x 20	F 8020/6 A 120 Grit	44513126	4007220155707	10	\$12.70	
80 x 30	F 8030/6 A 40 Grit	44514046	4007220155745	10	\$16.06	
80 x 30	F 8030/6 A 60 Grit	44514066	4007220155752	10	\$16.06	
80 x 30	F 8030/6 A 80 Grit	44514086	4007220155769	10	\$16.06	
80 x 30	F 8030/6 A 120 Grit	44514126	4007220155776	10	\$16.06	
80 x 30	F 8030/6 A 240 Grit	44514246	4007220155790	10	\$16.06	
80 x 30	F 8030/6 A 320 Grit	44514326	4007220155806	10	\$16.06	
80 x 40	F 8040/6 A 60 Grit	44515066	4007220155813	10	\$20.07	
80 x 40	F 8040/6 A 80 Grit	44515086	4007220155820	10	\$20.07	
80 x 40	F 8040/6 A 120 Grit	44515126	4007220155837	10	\$20.07	
80 x 40	F 8040/6 A 150 Grit	44515156	4007220155844	10	\$20.07	

Fine Grinding & Polishing Tools

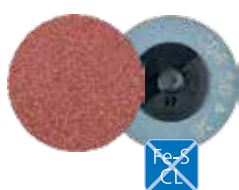
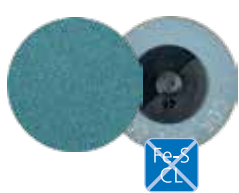
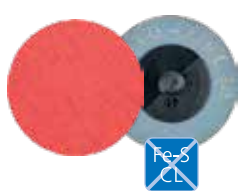
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
Fan Grinders - Aluminium Oxide - 6mm Shank							
80 x 50	F 8050/6 A 40 Grit	44516046	4007220155875	10	\$22.26	 	
80 x 50	F 8050/6 A 60 Grit	44516066	4007220155882	10	\$22.26		
80 x 50	F 8050/6 A 80 Grit	44516086	4007220155899	10	\$22.26		
80 x 50	F 8050/6 A 120 Grit	44516126	4007220155905	10	\$22.26		
80 x 50	F 8050/6 A 150 Grit	44516156	4007220155912	10	\$22.26		
80 x 50	F 8050/6 A 240 Grit	44516246	4007220155929	10	\$22.26		
80 x 50	F 8050/6 A 320 Grit	44516326	4007220155936	10	\$22.26		
Fan Grinders - Z-COOL (INOX) - 6mm Shank							
30 x 20	F 3020/6 Z-COOL 60 Grit	44412066	4007220297353	10	\$15.82	 	
30 x 20	F 3020/6 Z-COOL 80 Grit	44412086	4007220297360	10	\$15.82		
40 x 20	F 4020/6 Z-COOL 60 Grit	44414066	4007220297377	10	\$17.08		
40 x 20	F 4020/6 Z-COOL 80 Grit	44414086	4007220297384	10	\$17.08		
50 x 20	F 5020/6 Z-COOL 60 Grit	44531066	4007220297391	10	\$19.71		
50 x 20	F 5020/6 Z-COOL 80 Grit	44531086	4007220297407	10	\$19.71		
60 x 30	F 6030/6 Z-COOL 60 Grit	44533066	4007220297414	10	\$21.88		
60 x 30	F 6030/6 Z-COOL 80 Grit	44533086	4007220297421	10	\$21.88		
Fan Grinder Set - 6mm Shank							
Assorted	40 Piece Fan Grinder Set FSO 5400 - 6mm Shank	44590001	4007220156087	1	\$455.60		
Contents: 5 pcs each of: F 4015/6 A 80, F 4015/6 A 120, F 5015/6 A 60, F 5015/6 A 80, F 6030/6 A 60, F 6040/6 A 80, F 6040/6 A 150, F 8030/6 A 60							
Fan Grinder Merchandiser Display							
	Size - 490mm x 550mm	49900018	4007220855874	1	POA		
Contents: 20 pcs each of: F 3015/6 A 60, F 3015/6 A 80, F 4020/6 A 60, F 4020/6 A 80 F 5030/6 A 60, F 6030/6 A 80, F 6030/6 A 60, F 8040/6 A 60 Now available - Felt Fan Grinders (Page 65)							
Made to Order ONLY							
Flap Wheels							
100 x 30	FR 10030/25.4 A 40 Grit	44710041	4007220469040	2	\$72.80	 	
100 x 30	FR 10030/25.4 A 60 Grit	44710061	4007220469057	2	\$72.80		
100 x 30	FR 10030/25.4 A 80 Grit	44710081	4007220469071	2	\$72.80		
100 x 30	FR 10030/25.4 A 120 Grit	44710121	4007220469095	2	\$72.80		
165 x 30	FR 16530/25.4 A 40 Grit	44732041	4007220470091	2	\$103.16		
165 x 30	FR 16530/25.4 A 60 Grit	44732061	4007220470107	2	\$103.16		
165 x 30	FR 16530/25.4 A 80 Grit	44732081	4007220470114	2	\$114.00		
165 x 30	FR 16530/25.4 A 120 Grit	44732121	4007220470121	2	\$114.00		
165 x 50	FR 16550/25.4 A 40 Grit	44731041	4007220469767	2	\$131.29		
165 x 50	FR 16550/25.4 A 60 Grit	44731061	4007220469781	2	\$131.29		
165 x 50	FR 16550/25.4 A 80 Grit	44731081	4007220469804	2	\$156.72		
165 x 50	FR 16550/25.4 A 120 Grit	44731121	4007220469811	2	\$156.72		
165 x 50	FR 16550/25.4 A 240 Grit	44731241	4007220469842	2	\$158.67		
165 x 50	FR 16550/25.4 A 320 Grit	44731321	4007220469859	2	\$158.67		
200 x 30	FR 20030/44.0 A 60 Grit	44736061	4007220469606	2	\$177.71		
200 x 30	FR 20030/44.0 A 80 Grit	44736081	4007220469613	2	\$182.10		
200 x 30	FR 20030/44.0 A 120 Grit	44736121	4007220469637	2	\$199.88		
200 x 50	FR 20050/44.0 A 80 Grit	44738081	4007220469286	2	\$286.37		
200 x 50	FR 20050/44.0 A 120 Grit	44738121	4007220469309	2	\$286.37		
250 x 50	FR 25050/44.0 A 80 Grit	44742081	4007220469088	2	\$294.01		



Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Flap Wheel Arbors & Flanges						
25.4 x 12	FR/VR 12/25.4 100-165°	44601225	4007220479643	1	\$117.65	 FR/VR
44 x 12	FR/VR 12/44.0 200-250 # ° = 12mm Shank - Suits 100 - 165mm wheels # = 12mm Shank - Suits 200 - 250mm wheels	44601244	4007220479650	1	\$143.27	
	RF FR 150-165 Bo. 12-22.2	44771225	4007220509876	1	\$52.81	 RF FR
	RF FR 200-250 Bo. 12-40 RF type for fitting to Bench Grinders	44771244	4007220498460	1	\$98.22	
Flap Wheels for Angle Grinders						
125	FR-WS 12520 M14 A 40 Grit	44782504	4007220752418	2	\$56.99	 
125	FR-WS 12520 M14 A 60 Grit	44782506	4007220752425	2	\$56.99	
125	FR-WS 12520 M14 A 80 Grit	44782508	4007220752432	2	\$59.15	
125	FR-WS 12520 M14 A 120 Grit	44782512	4007220752449	2	\$59.15	
Flap Drums						
100 x 100	FR-W 100100 A 60 Grit	44783060	4007220770504	1	\$159.65	
100 x 100	FR-W 100100 A 80 Grit	44783080	4007220770511	1	\$165.60	
100 x 100	FR-W 100100 A 120 Grit	44783120	4007220770528	1	\$169.95	
100 x 100	FR-W 100100 A 180 Grit	44783180	4007220770542	1	\$183.33	
COMBIDISC Tools						
COMBIDISC Mounting Adaptors						
	SBH M14	75602528	9324922010840	1	\$40.39	
	SBH M10 x 1.5	75602529	9324922010857	1	\$32.94	
COMBIDISC Holders - CDR Type Suits: Roloc, Lockit, Speed Lock TR & Power Lock III Discs						
20	SBHR 20 M (Medium)	42721212	4007220776315	1	\$31.01	
25	SBHR 25 M (Medium)	42721262	4007220776322	1	\$31.01	
38	SBHR 38 M	42721392	4007220597057	1	\$33.50	
50	SBHR 50 M	42721512	4007220597064	1	\$37.50	
75	SBHR 75 M	42721762	4007220597071	1	\$44.30	
50	RM2 (50mm) – Economy *	47600052	4007220818862	1	\$19.47	
75	RM3 (75mm) – Economy *	47600053	4007220818879	1	\$22.24	
COMBIDISC Abrasive Discs - CDR A Forte						
50	CDR 50 A 36 Forte	42771503	4007220596692	100	\$3.16	 
50	CDR 50 A 60 Forte	42771506	4007220596708	100	\$2.78	
50	CDR 50 A 80 Forte	42771508	4007220596715	100	\$2.78	
50	CDR 50 A 120 Forte	42771512	4007220596722	100	\$2.78	
75	CDR 75 A 36 Forte	42771703	4007220596739	50	\$4.42	
75	CDR 75 A 60 Forte	42771706	4007220596746	50	\$3.80	
75	CDR 75 A 80 Forte	42771708	4007220596753	50	\$3.80	
75	CDR 75 A 120 Forte	42771712	4007220596760	50	\$3.80	

COMBIDISC Tools

Size mm	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBIDISC Tools (continued)							
COMBIDISC Abrasive Discs - CDR A							
20	CDR 20 A 60		42770206	4007220778036	100	\$1.40	
20	CDR 20 A 80		42770208	4007220778043	100	\$1.40	
20	CDR 20 A 120		42770212	4007220778050	100	\$1.40	
25	CDR 25 A 60		42770306	4007220778098	100	\$1.51	
25	CDR 25 A 80		42770308	4007220778104	100	\$1.51	
25	CDR 25 A 120		42770312	4007220778111	100	\$1.51	
38	CDR 38 A 60		42770406	4007220596463	100	\$1.62	
38	CDR 38 A 80		42770408	4007220596470	100	\$1.62	
38	CDR 38 A 120		42770412	4007220597255	100	\$1.62	
50	CDR 50 A 36	*	42770503	4007220596517	100	\$2.00	
50	CDR 50 A 60	*	42770506	4007220596524	100	\$2.00	
50	CDR 50 A 80	*	42770508	4007220596531	100	\$2.00	
50	CDR 50 A 120		42770512	4007220596548	100	\$2.00	
50	CDR 50 A 180		42770518	4007220596555	100	\$2.00	
50	CDR 50 A 320		42770532	4007220596562	100	\$2.00	
75	CDR 75 A 36	*	42770703	4007220596586	50	\$2.81	
75	CDR 75 A 60	*	42770706	4007220596593	50	\$2.81	
75	CDR 75 A 80	*	42770708	4007220596609	50	\$2.81	
75	CDR 75 A 120		42770712	4007220596616	50	\$2.81	
75	CDR 75 A 180		42770718	4007220596623	50	\$2.81	
75	CDR 75 A 320		42770732	4007220596630	50	\$2.81	
COMBIDISC Abrasive Discs - CDR Z							
50	CDR 50 Z 36	*	42773503	4007220596838	100	\$3.08	
50	CDR 50 Z 60	*	42773506	4007220596845	100	\$2.54	
50	CDR 50 Z 80	*	42773508	4007220596852	100	\$2.54	
75	CDR 75 Z 36	*	42773703	4007220596869	50	\$4.05	
75	CDR 75 Z 60	*	42773706	4007220596876	50	\$3.67	
75	CDR 75 Z 80	*	42773708	4007220596883	50	\$3.67	
COMBIDISC Abrasive Discs - CDR VRH (Surface Conditioning)							
50	CDR VRH 50 A 100 (Coarse)	*	42781501	4007220596937	50	\$3.40	
50	CDR VRH 50 A 180 (Medium)	*	42781502	4007220596944	50	\$3.40	
50	CDR VRH 50 A 240 (Very fine)	*	42781504	4007220596951	50	\$3.40	
75	CDR VRH 75 A 100 (Coarse)	*	42781751	4007220596968	25	\$5.19	
75	CDR VRH 75 A 180 (Medium)	*	42781752	4007220596975	25	\$5.19	
75	CDR VRH 75 A 240 (Very fine)	*	42781754	4007220597354	25	\$5.19	
Coarse(Brown) Medium(Maroon) Very Fine(Blue)							
COMBIDISC Abrasive Discs - CDR Ceramic COOL (Top Size)							
50	CDR 50 CO-COOL 36	*	42776503	4007220778678	100	\$4.66	
50	CDR 50 CO-COOL 60	*	42776506	4007220778685	100	\$4.17	
50	CDR 50 CO-COOL 80	*	42776508	4007220778692	100	\$4.17	
50	CDR 50 CO-COOL 120		42776512	4007220778708	100	\$4.17	
75	CDR 75 CO-COOL 36	*	42776703	4007220778722	50	\$5.69	
75	CDR 75 CO-COOL 60	*	42776706	4007220778739	50	\$5.42	
75	CDR 75 CO-COOL 80	*	42776708	4007220778746	50	\$5.19	
75	CDR 75 CO-COOL 120		42776712	4007220778753	50	\$5.06	

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COMBIDISC Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBIDISC Tools (continued)						
COMBIDISC Abrasive Discs - CDFR VICTOGRAIN-COOL						
50	CDFR 50 VICTOGRAIN-COOL 36	42715036	4007220109335	100	\$4.97	
75	CDFR 75 VICTOGRAIN-COOL 36	42717536	4007220109342	50	\$6.27	
For more information on VICTOGRAIN products, please ask customer service or your sales representative for a fact sheet.						
COMBIDISC Mini Polifans - CDR A						
50	CDR-PFF 50 A 40	47202527	4007220016121	10	\$12.08	
50	CDR-PFF 50 A 60	47202528	4007220016145	10	\$12.08	
50	CDR-PFF 50 A 80	47202090	4007220821633	10	\$12.08	
50	CDR-PFF 50 A 120	47202529	4007220016152	10	\$12.08	
75	CDR-PFF 75 A 40	47202530	4007220016169	10	\$12.80	
75	CDR-PFF 75 A 60	47202531	4007220016176	10	\$12.80	
75	CDR-PFF 75 A 80	47202091	4007220821640	10	\$12.80	
75	CDR-PFF 75 A 120	47202532	4007220016336	10	\$12.80	
COMBIDISC Mini Polifans - CDR Z						
50	CDR-PFF 50 Z 40	47202125	4007220902707	10	\$13.29	
50	CDR-PFF 50 Z 60	47202126	4007220902714	10	\$13.29	
50	CDR-PFF 50 Z 80	47202533	4007220016534	10	\$13.29	
50	CDR-PFF 50 Z 120	47202534	4007220016541	10	\$13.29	
75	CDR-PFF 75 Z 40	47202101	4007220835111	10	\$14.00	
75	CDR-PFF 75 Z 60	47202535	4007220016558	10	\$14.00	
75	CDR-PFF 75 Z 80	47202536	4007220016565	10	\$14.00	
75	CDR-PFF 75 Z 120	47202092	4007220821688	10	\$14.00	
COMBIDISC Non-Woven Discs - CDR PNER						
- unitized discs for removal of scratches & polishing of stainless steel						
50	CDR PNER H 5006 A COARSE (hard)	42779141	4007220832707	25	\$17.15	
50	CDR PNER H 5006 A FINE (hard)	42779142	4007220832691	25	\$17.15	
50	CDR PNER MH 5006 A FINE (medium-hard)	42779102	4007220832684	25	\$15.50	
50	CDR PNER MH 5006 C FINE (medium-hard)	42779104	4007220832677	25	\$15.50	
50	CDR PNER W 5006 A COARSE (soft)	42779021	4007220832660	25	\$13.16	
50	CDR PNER W 5006 C FINE (soft)	42779024	4007220832653	25	\$13.16	
75	CDR PNER H 7506 A COARSE (hard)	42779151	4007220832769	25	\$25.10	
75	CDR PNER H 7506 A FINE (hard)	42779152	4007220832752	25	\$25.10	
75	CDR PNER MH 7506 A FINE (medium-hard)	42779112	4007220832745	25	\$22.78	
75	CDR PNER MH 7506 C FINE (medium-hard)	42779114	4007220832738	25	\$22.78	
75	CDR PNER W 7506 A COARSE (soft)	42779031	4007220832721	25	\$19.56	
75	CDR PNER W 7506 C FINE (soft)	42779034	4007220832714	25	\$19.56	
COMBIDISC Felt Discs						
50	CDR FR 50	42003050	4007220004784	10	\$5.60	
75	CDR FR 75	42003075	4007220004791	10	\$11.08	
COMBIDISC POLICLEAN Discs						
50	CDR 50 PCLR	47201632	4007220677124	10	\$13.94	
75	CDR 75 PCLR	47201633	4007220677131	10	\$19.89	

Fine Grinding & Polishing Tools

Size mm	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools								
POLINOX Mounted Points - 6mm Shank								
40 x 20	PNL 4020/6 A 100	*	44654100	4007220157060	10	\$29.48	 PNL	
40 x 20	PNL 4020/6 A 180		44654180	4007220157077	10	\$29.48		
40 x 20	PNL 4020/6 A 280		44654280	4007220157084	10	\$29.48		
50 x 30	PNL 5030/6 A 100		44655100	4007220157107	10	\$35.54		
50 x 30	PNL 5030/6 A 180		44655180	4007220157114	10	\$35.54	 PNL SiC	
50 x 30	PNL 5030/6 A 280		44655280	4007220157121	10	\$35.54		
60 x 50	PNL 6050/6 A 100		44666100	4007220157213	5	\$37.50		
60 x 50	PNL 6050/6 A 180		44666180	4007220157220	5	\$37.50		
60 x 50	PNL 6050/6 A 280		44666280	4007220157237	5	\$37.50	 PNR	
80 x 50	PNL 8050/6 A 100		44658100	4007220157183	1	\$47.21		
80 x 50	PNL 8050/6 A 180		44658180	4007220157190	1	\$47.21		
80 x 50	PNL 8050/6 A 280		44658280	4007220157206	1	\$47.21		
40 x 20	PNL 4020/6 SiC 180		44640418	4007220293669	10	\$31.62	 PNZ	
40 x 20	PNL 4020/6 SiC 280		44640428	4007220293676	10	\$31.62		
50 x 30	PNL 5030/6 SiC 180		44640518	4007220293683	10	\$37.94		
60 x 50	PNL 6050/6 SiC 180		44640618	4007220293706	5	\$43.16		
80 x 50	PNL 8050/6 SiC 180		44640818	4007220293720	1	\$59.28	 PNZ SiC	
60 x 50	PNR 6050/6 A 100		44656100	4007220157145	5	\$42.52		
60 x 50	PNR 6050/6 A 180		44656180	4007220157152	5	\$42.52		
60 x 50	PNR 6050/6 A 280		44656280	4007220157169	5	\$42.52		
80 x 50	PNR 8050/6 A 100		44668100	4007220157244	1	\$56.70	 PNG	
80 x 50	PNR 8050/6 A 180		44668180	4007220157251	1	\$56.70		
80 x 50	PNR 8050/6 A 280		44668280	4007220157268	1	\$56.70		
40 x 20	PNZ 4020/6 A 100	*	44654080	4007220157053	10	\$38.98		
40 x 20	PNZ 4020/6 A 180		44654088	4007220294697	10	\$38.98	 PNG	
60 x 50	PNZ 6050/6 A 100	*	44656080	4007220157138	5	\$49.17		
60 x 50	PNZ 6050/6 A 180		44656088	4007220294703	5	\$49.17		
80 x 50	PNZ 8050/6 A 100		44658080	4007220157176	1	\$56.34		
80 x 50	PNZ 8050/6 A 180		44658088	4007220294710	1	\$56.34	 PNG SiC	
100 x 50	PNZ 10050/6 A 100		44690080	4007220294666	1	\$101.49		
100 x 50	PNZ 10050/6 A 180		44690088	4007220294673	1	\$101.49		
80 x 50	PNZ 8050/6 SiC 100		44640806	4007220617571	1	\$59.99		
80 x 50	PNZ 8050/6 SiC 180		44640808	4007220617588	1	\$57.72	 PNG SiC	
100 x 50	PNG 10050/6 A 100		44669100	4007220499580	1	\$118.90		
100 x 50	PNG 10050/6 A 180		44669180	4007220499597	1	\$118.90		
100 x 50	PNG 10050/6 A 280		44669280	4007220499603	1	\$118.90		
100 x 50	PNG 10050/6 SiC 100		44640910	4007220617595	1	\$124.75	 PNG	
100 x 50	PNG 10050/6 SiC 180		44640918	4007220617601	1	\$124.75		
POLINOX Ring Wheels - M14 thread								
100 x 50	PNL 10050 M14 A 100		44642001	4007220003329	2	\$69.63		 PNL
100 x 50	PNL 10050 M14 A 180		44642002	4007220003336	2	\$69.63		
100 x 50	PNL 10050 M14 A 280		44642003	4007220003343	2	\$69.63		
100 x 50	PNZ 10050 M14 A 100		44642101	4007220003411	2	\$79.70		
100 x 50	PNZ 10050 M14 A 180		44642102	4007220003428	2	\$79.70	 PNZ	
100 x 50	PNG 10050 M14 A 100		44642201	4007220003268	2	\$113.16		
100 x 50	PNG 10050 M14 A 180		44642202	4007220003275	2	\$113.16		
100 x 50	PNG 10050 M14 A 280		44642203	4007220003282	2	\$113.16		
125 x 50	PNG 12550 M14 A 100		44642501	4007220002643	2	\$146.34	 PNG	
125 x 50	PNG 12550 M14 A 180		44642502	4007220002650	2	\$146.34		
125 x 50	PNG 12550 M14 A 280		44642503	4007220002667	2	\$146.34		



Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLINOX Ring Wheels						
150 x 50	PNL 15050/25.4 A 100	44644111	4007220479667	1	\$177.76	  PNL PNR   PNZ PNG
150 x 50	PNL 15050/25.4 A 180	44644119	4007220479674	1	\$195.13	
200 x 50	PNL 20050/44.0 A 180	44644219	4007220479704	1	\$248.99	
150 x 40	PNR 15040/25.4 A 180	44647518	4007220293577	1	\$77.67	
150 x 50	PNZ 15050/25.4 A 100	44645111	4007220479728	1	\$217.68	
150 x 50	PNG 15050/25.4 A 100	44646111	4007220479780	1	\$173.99	
150 x 50	PNG 15050/25.4 A 180	44646119	4007220479797	1	\$173.99	
150 x 50	PNG 15050/25.4 A 280	44646129	4007220479803	1	\$173.99	
POLINOX Grinding Drums						
100 x 100	PNL-W 100100 A 100	44641010	4007220593523	1	\$158.36	  PNL-W   PNZ-W   PNG-W
100 x 100	PNL-W 100100 A 180	44641018	4007220593530	1	\$169.68	
100 x 100	PNL-W 100100 A 280	44641028	4007220593547	1	\$180.98	
100 x 100	PNZ-W 100100 A 60 (Coarse)	44641106	4007220593554	1	\$158.36	
100 x 100	PNZ-W 100100 A 80 (Medium)	44641108	4007220593561	1	\$169.68	
100 x 100	PNZ-W 100100 A 120 (Fine)	44641112	4007220593578	1	\$180.98	
100 x 100	PNG-W 100100 A 100	44641201	4007220002612	1	\$131.56	
100 x 100	PNG-W 100100 A 180	44641202	4007220002629	1	\$139.01	
100 x 100	PNG-W 100100 A 280	44641203	4007220002636	1	\$146.34	
POLINOX Convolute Wheels - PNK - create matt surface finish						
150 x 25	PNK-MW 15025-25.4 SiC FINE (medium soft)	47802641	4007220841884	1	\$194.67	
150 x 25	PNK-MH 15025-25.4 A COARSE (medium hard)	47802642	4007220841891	1	\$194.67	
150 x 25	PNK-MH 15025-25.4 SiC FINE (medium hard)	47802643	4007220841907	1	\$194.67	
150 x 25	PNK-W 15025-25.4 A COARSE (soft)	47802730	4007220896501	1	\$194.67	
150 x 50	PNK-W 15050-25.4 A COARSE (soft)	47802731	4007220896518	1	\$233.62	
POLINOX Ring Wheels - PNER - unitized wheels for polishing and removal of scratches on stainless steel.						
25 x 25	PNER-MH 2525-6 A FINE (medium hard)	44691202	4007220440452	10	\$18.13	 
75 x 6	PNER-MW 7506-6 C FINE (medium soft)	44691427	4007220355558	5	\$26.46	
75 x 6	PNER-W 7506-6 C FINE (soft)	44691627	4007220355626	5	\$28.70	
125 x 6	PNER-MH 12506-22.2 A FINE (medium hard)	44691252	4007220833155	1	\$80.88	
125 x 6	PNER-H 12506-22.2 A COARSE (hard)	44691053	4007220833179	1	\$98.48	
150 x 25	PNER-H 15025-25.4 A COARSE (hard)	44691061	4007220355497	1	\$216.37	
POLINOX Unitized Discs PNER - for polishing and removal of scratches on stainless steel.						
125	PNER-MH 125-22.2 C FINE (medium hard)	44690713	4007220824382	1	\$111.90	 
125	PNER-MW 125-22.2 C FINE (medium soft)	44690723	4007220824375	1	\$105.69	
125	PNER-W 125-22.2 C FINE (soft)	44690733	4007220824368	1	\$93.25	
Arbor for POLINOX Unitized Discs /Convolute Wheels						
25 x 6	BO PNER 25 S6	N! 42700256	4007220440469	1	\$37.30	
Arbors & Flanges						
25 x 12	FR/VR 12/25.4 100-165°	44601225	4007220479643	1	\$117.65	
44 x 12	FR/VR 12/44.0 200-250 # ° = 12mm Shank - Suits 100 - 165mm wheels # = 12mm Shank - Suits 200 - 250mm wheels	44601244	4007220479650	1	\$143.27	
	RF FR 150-165 BO 12-22.2	44771225	4007220509876	1	\$52.81	
	RF FR 200-250 BO 12-40 RF type for fitting to Bench Grinders	44771244	4007220498460	1	\$98.22	

Fine Grinding & Polishing Tools

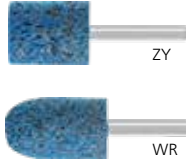
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLINOX Cross Buffs						
25	PNST 25-2 Medium Fine	44698252	4007220441138	20	\$8.80	 Medium Fine Very Fine 
25	PNST 25-2 Very Fine	44698253	4007220441145	20	\$16.19	
38	PNST 38-3 Medium Fine	44698382	4007220441152	20	\$32.68	
38	PNST 38-3 Very Fine	44698383	4007220441169	20	\$34.23	
	BO-PNST 6-75 Arbor	42700675	4007220440988	1	\$26.45	
	BO-PNST 6-125 Arbor	42700685	4007220440995	1	\$30.05	
POLIVLIES Discs						
150 x 8	PVR 15008-13 A Medium	44693151	4007220505847	10	\$42.47	
150 x 8	PVR 15008-13 A Very Fine	44693152	4007220505861	10	\$22.95	
	PRV 6/13 1-25 Arbor	23600506	4007220505878	1	\$66.90	
POLIVLIES Velstick Surface Conditioning Discs (With centre location button)						
100	PVKR 100 A Coarse	47200038	4007220818794	20	\$4.68	 Coarse (Brown) Medium (Maroon) Fine (Blue)
100	PVKR 100 A Medium	47200046	4007220820773	20	\$4.68	
100	PVKR 100 A Fine	47200035	4007220818442	20	\$4.68	
115	PVKR 115-22 A Coarse	42871306	4007220354230	20	\$6.24	
115	PVKR 115-22 A Medium	42871310	4007220297469	20	\$6.24	
115	PVKR 115-22 A Fine	42871318	4007220354254	20	\$6.24	
125	PVKR 125-22 A Coarse	42871406	4007220354261	20	\$7.17	
125	PVKR 125-22 A Medium	42871410	4007220297452	20	\$7.17	
125	PVKR 125-22 A Fine	42871418	4007220354278	20	\$7.17	
180	PVKR 180-22 A Coarse	42871606	4007220354285	10	\$9.36	
180	PVKR 180-22 A Medium	42871610	4007220354292	10	\$9.36	
180	PVKR 180-22 A Fine	42871618	4007220354308	10	\$9.36	
POLIVLIES Velstick Backing Pads (With centre location button) Improved design.						
115	PVKRH 115-22 M14	42711154	4007220316962	1	\$34.70	
125	PVKRH 125-22 M14	42711254	4007220316979	1	\$38.72	
180	PVKRH 180-22 M14	42712178	4007220095782	1	\$58.90	
For 100mm discs use standard fibre disc pad (47600050) p.92						
POLIVLIES Surface Conditioning Flap Discs						
115	PVL 115 A Coarse - Brown	44694101	4007220748336	5	\$23.42	
115	PVL 115 A Medium - Maroon	44694102	4007220748343	5	\$23.42	
115	PVL 115 A Fine - Blue	44694103	4007220748350	5	\$23.42	
125	PVL 125 A Coarse - Brown	44694111	4007220748367	5	\$25.05	
125	PVL 125 A Medium - Maroon	44694112	4007220748374	5	\$25.05	
125	PVL 125 A Fine - Blue	44694113	4007220748381	5	\$25.05	
POLINOX Fibre Backed Discs - designed for working on large surfaces with speed-adjustable angle grinders						
125 x 20	PNL 125-22.23 A 100	44692261	4007220104286	5	\$40.05	 PNL
125 x 20	PNL 125-22.23 A 180	44692262	4007220104293	5	\$40.05	
125 x 20	PNZ 125-22.23 A 100	44692266	4007220104330	5	\$47.61	 PNZ
125 x 20	PNZ 125-22.23 A 180	44692267	4007220104347	5	\$47.61	
POLIVLIES Flap Discs - surface conditioning combined with ceramic grain flaps						
125 x 18	PVZ 125 CO-COOL 60/A 100 Coarse	44695111	4007220106365	5	\$43.16	 PVZ
125 x 18	PVZ 125 CO-COOL 80/A 180 Medium	44695112	4007220106372	5	\$43.16	
125 x 18	PVZ 125 CO-COOL 120/A 240 Fine	44695113	4007220106389	5	\$43.16	



Fine Grinding & Polishing Tools

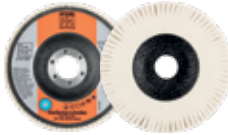
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLIVLIES Hand Pads						
150 x 230	PVHP 150 - Green - General Purpose	47200036	4007220818480	10	\$2.40	
150 x 230	PVHP 150 - Maroon - Medium	47200037	4007220818497	10	\$2.40	
150 x 230	PVHP 150 - Tan - Coarse	47200032	4007220818374	10	\$8.31	
150 x 230	PVHP 150 - Grey - Fine	47200033	4007220818381	10	\$2.40	
150 x 230	PVHP 150 - Black - Coarse/Medium	47200034	4007220818398	10	\$4.19	
POLIVLIES Rolls						
115 x 10M	PVLR 115 x 10M Coarse (Tan)	47200039	4007220818886	1	\$136.78	
115 x 10M	PVLR 115 x 10M Coarse/Medium (Black)	47200040	4007220818893	1	\$73.18	
115 x 10M	PVLR 115 x 10M Medium (Maroon)	47200041	4007220818909	1	\$73.18	
115 x 10M	PVLR 115 x 10M General Purpose (Green)	47200042	4007220818916	1	\$73.18	
115 x 10M	PVLR 115 x 10M Fine (Grey)	47200043	4007220818923	1	\$73.18	
POLICLEAN Cleaning & Stripping Tools - Centre Hole						
100 x 13	PCLS 10013/13	44692100	4007220471487	4	\$27.44	
150 x 13	PCLS 15013/13	44692150	4007220471494	4	\$36.26	
178 x 13	PCLS 17813/6	47801723	4007220497517	5	\$43.52	
178 x 13	PCLS 17813/20	47801752	4007220508657	5	\$34.20	
POLICLEAN Cleaning & Stripping Tools - Shank Mounted						
50 x 13	PCLZY 5013/6	44692251	4007220661321	5	\$33.18	
50 x 26	PCLZY 5026/6	44692252	4007220661369	5	\$45.86	
75 x 13	PCLZY 7513/6	44692271	4007220661376	5	\$36.12	
75 x 26	PCLZY 7526/6	44692272	4007220661383	5	\$49.24	
100 x 13	PCLZY 10013/6	44692291	4007220661406	5	\$47.79	
POLICLEAN Cleaning & Stripping Tools - Depressed Centre						
115 x 13	PCLD 115-13	44692715	4007220515280	5	\$22.77	
125 x 13	PCLD 125-13	44692725	4007220515297	5	\$22.77	
POLICLEAN PLUS Cleaning & Stripping Tools - Depressed Centre						
100 x 13	PCLD PLUS 100-13	44692711	4007220069202	5	\$38.30	
115 x 13	PCLD PLUS 115-13	44692716	4007220069233	5	\$41.45	
125 x 13	PCLD PLUS 125-13	44692726	4007220069240	5	\$44.37	
POLIFLEX Blocks						
115 x 60 x 30	PFB CU 60 PUR	41020060	4007220298671	5	\$44.19	
115 x 60 x 30	PFB CU 120 PUR	41020120	4007220298688	5	\$44.19	
115 x 60 x 30	PFB CU 240 PUR	41020240	4007220298695	5	\$44.19	

Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLIFLEX Mounted Points						
GR - Rubber Type - 3mm & 6mm Shank						
6 x 10	PF ZY 0610/3 AR 120 GR	41200512	4007220144824	10	\$13.55	
10 x 10	PF ZY 1010/3 AR 120 GR	41207112	4007220144947	10	\$12.47	
10 x 15	PF ZY 1015/3 AR 120 GR	41213112	4007220145036	10	\$12.47	
10 x 25	PF ZY 1025/6 AR 120 GR	41219112	4007220145128	10	\$12.72	
12 x 8	PF ZY 1208/3 AR 120 GR	41264112	4007220145883	10	\$12.47	
15 x 25	PF ZY 1525/6 AR 120 GR	41237112	4007220145418	10	\$12.65	
20 x 30	PF ZY 2030/6 AR 120 GR	41246112	4007220145630	10	\$16.53	
POLIFLEX Mounted Points - LR - Leather Type						
8 x 12	PF ZY 0812/3 AW 120 LR	41204212	4007220144909	10	\$12.47	
10 x 15	PF ZY 1015/3 AW 120 LR	41213212	4007220145050	10	\$14.09	
8	PF KU 08/3 AW 120 LR	41401212	4007220146224	10	\$14.57	
POLIFLEX Mounted Points - PUR - Polyurethane Type						
20 x 30	PF ZY 2030/6 CN150 PUR-MH	41293215	4007220535240	10	\$28.17	
25 x 30	PF ZY 2530/6 CU16 PU-STRUC	41293650	4007220752036	10	\$28.44	
30 x 45	PF WR 3045/8 CU16 PU-STRUC	41393700	4007220752081	5	\$38.46	
40 x 45	PF WR 4045/8 CU16 PU-STRUC	41393750	4007220752104	5	\$44.36	
Felt Points - 3mm & 6mm Shank						
10 x 15	FK ZYA 1015/3M	44111013	4007220153871	10	\$13.07	
10 x 15	FK ZYA 1015/6M	44101671	4007220153772	10	\$13.94	
20 x 25	FK ZYA 2025/6M ST-BO	44101701	4007220153802	10	\$26.08	
25 x 30	FK ZYA 2530/6M ST-BO	44112536	4007220153888	10	\$32.14	
10 x 18	FK SPK 1018/3M	44171013	4007220153925	10	\$13.64	
10 x 18	FK SPK 1018/6M	44101691	4007220153796	10	\$14.67	
12 x 18	FK SPK 1218/3M	44141218	4007220295274	10	\$15.34	
15 x 20	FK SPK 1520/6M	44171526	4007220153932	10	\$17.55	
15 x 30	FK SPK 1530/6M	44171536	4007220153949	10	\$19.89	
20 x 25	FK SPK 2025/6M	44152025	4007220294734	10	\$23.16	
15 x 20	FK KEL 1520/6M	44151521	4007220294741	10	\$18.24	
20 x 25	FK KEL 2025/6M	44182026	4007220153956	10	\$22.42	
25 x 30	FK KEL 2530/6M	44101711	4007220153819	10	\$27.87	
30 x 35	FK KEL 3035/6M	44101721	4007220153826	10	\$40.69	
10 x 14	FK WRC 1014/3M	44141014	4007220295298	10	\$19.57	
15 x 20	FK WRC 1520/6M	44131526	4007220153895	10	\$17.55	
20 x 25	FK WRC 2025/6M	44132026	4007220153901	10	\$22.42	
25 x 30	FK WRC 2530/6M	44132536	4007220153918	10	\$28.29	
10 x 14	FK TRE 1014/6M	44101681	4007220153789	10	\$14.20	
Felt Fan Grinders						
30 x 20	FAN GRINDER FLS 3020/6 SOFT	44383020	4007220936160	5	\$28.83	
30 x 20	FAN GRINDER FLS 3020/6 HARD	44383021	4007220936177	5	\$28.83	
40 x 20	FAN GRINDER FLS 4020/6 SOFT	44384020	4007220936184	5	\$32.60	
40 x 20	FAN GRINDER FLS 4020/6 HARD	44384021	4007220936191	5	\$32.60	
50 x 30	FAN GRINDER FLS 5030/6 SOFT	44385030	4007220936207	5	\$41.31	
50 x 30	FAN GRINDER FLS 5030/6 HARD	44385031	4007220936214	5	\$41.31	
60 x 40	FAN GRINDER FLS 6040/6 SOFT	44386040	4007220936221	5	\$56.82	
60 x 40	FAN GRINDER FLS 6040/6 HARD	44386041	4007220936238	5	\$56.82	
80 x 50	FAN GRINDER FLS 8050/6 SOFT	44388050	4007220936245	5	\$81.88	
80 x 50	FAN GRINDER FLS 8050/6 HARD	44388051	4007220936252	5	\$81.88	



Fine Grinding & Polishing Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Felt Flap Discs						
125 x 22	FLAP DISC FFS 125/22.23 SOFT	44370125	4007220936146		\$96.53	
125 x 22	FLAP DISC FFS 125/22.23 HARD 115mm also available on request	44371125	4007220936153		\$96.53	
Grinding Compounds						
	SFP 150 (250gr)	44220150	4007220153970		\$78.06	
	SFP 280 (250gr)	44220280	4007220153987		\$78.06	
	SFP 360 (250gr)	44220360	4007220153994		\$83.42	
	SFP 800 (250gr)	44220800	4007220154007		\$107.47	
Polishing Paste Bars						
Big bars						
G-PP 1 VP STEELOX (Pre-polishing - green, 1,100gr)		44250001	4007220294567		\$47.59	
G-PP 4 HGP UNIVERSAL (High-gloss polishing - pink, 1,150gr)		44250004	4007220294598		\$41.07	
Small bars						
K-PP 1 VP STEELOX (Pre-polishing - green, 108gr)		44250006	4007220955666		\$11.17	
K-PP 2 VP ALU (Pre-polishing - grey, 142gr)		44250007	4007220955673		\$11.17	
K-PP 3 VP NON-FERROUS (Pre-polishing - brown, 111gr)		44250008	4007220955680		\$11.17	
K-PP 4 HGP UNIVERSAL (High-gloss polishing - pink, 132gr)		44250009	4007220955697		\$11.17	
K-PP 5 HGP PLAST (High-gloss polishing - beige, 104gr)		44250010	4007220955703		\$11.17	
pre-polishing	Green = Steel + stainless steel (INOX) Grey = Aluminium + brass Brown = Non-ferrous metals					
high- gloss polishing	Pink Beige = All metals Beige = Plastics					
Metal Cleaners						
GP Cleaner UC-S 500 (500ml)		42200060	4007220027349		\$34.31	
INOX Shiner IS-S 500 (500ml)		42200055	4007220027332		\$48.51	
COMBICLICK Polishing Range						
115	NON WOVEN DISC CC-VRH 115 A (FINE)	42000050	4007220935743	10	\$12.97	
115	NON WOVEN DISC CC-VRH 115 A (MEDIUM)	42000051	4007220935873	10	\$12.97	
115	NON WOVEN DISC CC-VRH 115 A (COARSE)	42000052	4007220935880	10	\$12.97	
125	NON WOVEN DISC CC-VRH 125 A (FINE)	42000060	4007220935897	10	\$14.41	
125	NON WOVEN DISC CC-VRH 125 A (MEDIUM)	42000061	4007220935903	10	\$14.41	
125	NON WOVEN DISC CC-VRH 125 A (COARSE)	42000062	4007220935910	10	\$14.41	
115	NON WOVEN DISC CC-VRW 115 A (VERY FINE)	42001050	4007220935927	10	\$12.97	
115	NON WOVEN DISC CC-VRW 115 A (FINE)	42001051	4007220935934	10	\$12.97	
115	NON WOVEN DISC CC-VRW 115 A (MEDIUM)	42001052	4007220935941	10	\$12.97	
125	NON WOVEN DISC CC-VRW 125 A (VERY FINE)	42001060	4007220935958	10	\$14.41	
125	NON WOVEN DISC CC-VRW 125 A (FINE)	42001061	4007220935965	10	\$14.41	
125	NON WOVEN DISC CC-VRW 125 A (MEDIUM)	42001062	4007220935972	10	\$14.41	
115	NON WOVEN DISC CC-PNER W 115 C (FINE)	42002046	4007220935989	5	\$36.10	
125	NON WOVEN DISC CC-PNER W 125 C (FINE)	42002056	4007220935996	5	\$43.34	
115	NON WOVEN DISC CC-PNER MW 115 C (FINE)	42002086	4007220936009	5	\$38.98	
125	NON WOVEN DISC CC-PNER MW 125 C (FINE)	42002096	4007220936030	5	\$49.13	
115	NON WOVEN DISC CC-PNER MH 115 C (FINE)	42002146	4007220936016	5	\$43.34	
125	NON WOVEN DISC CC-PNER MH 125 C (FINE)	42002156	4007220936047	5	\$51.45	
115	NON WOVEN DISC CC-PNER H 115 A (FINE)	42002182	4007220936023	5	\$46.23	
125	NON WOVEN DISC CC-PNER H 125 A (FINE)	42002192	4007220936054	5	\$57.81	
115	FELT DISC CC-FR 115	42003015	4007220936061	5	\$20.13	
125	FELT DISC CC-FR 125	42003025	4007220936078	5	\$22.45	
GUIDE: VRH - Satin Finish VRW - Soft Satin Finish PNER - Removal of fine scratches FELT - Final polishing (with compounds)						

COMBICLICK & Economy Rolls

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
COMBICLICK Polishing Kits						
125	COMBICLICK 125mm POLISHING STARTER PACK	49900029	4007220965252		220.05	
	2 pcs each of: CC-FR felt discs A-COOL fibre discs 180 Grit A-COOL fibre discs 220 Grit 1 pc each of: Soft (black) COMBICLICK Backing Pad PNER non-woven disc Mini green polishing compound (pre-polishing) Mini pink polishing compound (high-gloss polishing)					
115	COMBICLICK CC-SET 115 M14	49350071	4007220955345		\$260.25	
125	COMBICLICK CC-SET 125 M14	49350072	4007220955369		\$274.04	
	3 pcs each of COMBICLICK fibre discs: CC-FS CO-COOL 36 Grit CC-FS CO-COOL 120 Grit CC-FS A-COOL 220 Grit 1 pc each of COMBICLICK non-woven discs: CC-VRH A 100 Grit Coarse CC-VRH A 180 Grit Medium CC-VRH A 240 Grit Fine CC-VRW A 100 Grit Coarse CC-VRW A 180 Grit Medium CC-VRW A 280 Grit Fine CC-PNER W SiC Fine 1 pc each of: CC-FR felt disc CC-GT backing pad M14 Universal polishing paste					
Economy Rolls						
Economy Rolls - General Purpose - Improved J Flex Resin Bond Cloth						
25 x 50M	ER 25 A 40	47300037	4007220818503	1	\$31.31	
25 x 50M	ER 25 A 60	47300038	4007220818510	1	\$31.31	
25 x 50M	ER 25 A 80	47300039	4007220818527	1	\$31.31	
25 x 50M	ER 25 A 100	47300031	4007220818404	1	\$31.31	
25 x 50M	ER 25 A 120	47300032	4007220818428	1	\$31.31	
25 x 50M	ER 25 A 150	47300033	4007220818435	1	\$31.31	
25 x 50M	ER 25 A 180	47300034	4007220818459	1	\$31.31	
25 x 50M	ER 25 A 240	47300035	4007220818466	1	\$31.31	
25 x 50M	ER 25 A 320	47300036	4007220818473	1	\$31.31	
40 x 50M	ER 40 A 40	47300040	4007220818534	1	\$41.74	
40 x 50M	ER 40 A 60	47300041	4007220818541	1	\$41.74	
40 x 50M	ER 40 A 80	47300042	4007220818558	1	\$41.74	
40 x 50M	ER 40 A 100	47300043	4007220818572	1	\$41.74	
40 x 50M	ER 40 A 120	47300044	4007220818589	1	\$41.74	
40 x 50M	ER 40 A 150	47300045	4007220818596	1	\$41.74	
40 x 50M	ER 40 A 180	47300046	4007220818602	1	\$41.74	
40 x 50M	ER 40 A 240	47300047	4007220818619	1	\$41.74	
40 x 50M	ER 40 A 320	47300048	4007220818640	1	\$41.74	
50 x 50M	ER 50 A 40	47300049	4007220818657	1	\$48.27	
50 x 50M	ER 50 A 60	47300050	4007220818664	1	\$48.27	
50 x 50M	ER 50 A 80	47300051	4007220818671	1	\$48.27	
50 x 50M	ER 50 A 100	47300052	4007220818688	1	\$48.27	
50 x 50M	ER 50 A 120	47300053	4007220818695	1	\$48.27	
50 x 50M	ER 50 A 150	47300054	4007220818701	1	\$48.27	
50 x 50M	ER 50 A 180	47300055	4007220818718	1	\$48.27	
50 x 50M	ER 50 A 240	47300056	4007220818725	1	\$48.27	
50 x 50M	ER 50 A 320	47300057	4007220818732	1	\$48.27	

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Economy Rolls & Point-Of-Sale Products

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Economy Rolls (continued)							
Economy Rolls - Premium							
50 x 50M	SBR 50 A 40	45016204	4007220587744	1	\$157.58		
50 x 50M	SBR 50 A 60	45016206	4007220587751	1	\$137.00		
50 x 50M	SBR 50 A 80	45016208	4007220587768	1	\$126.72		
50 x 50M	SBR 50 A 120	45016212	4007220587782	1	\$119.94		
50 x 50M	SBR 50 A 180	45016218	4007220587805	1	\$119.94		
50 x 50M	SBR 50 A 240	45016224	4007220587812	1	\$119.94		
50 x 50M	SBR 50 A 320	45016232	4007220587829	1	\$119.94		
50 x 50M	SBR 50 A 400	45016240	4007220587836	1	\$119.94		
50 x 50M	SBR 50 A 600	45016260	4007220607251	1	\$119.94		
Point-Of-Sale L-shaped Display Packaging							
GK - Rubber Drum Holders							
25 x 25	POS GK 2525/6 (1 product per display)	49900049	4007220144343	1	\$55.07		
38 x 25	POS GK 3825/6 (1 product per display)	49900050	4007220144350	1	\$57.29		
POLINOX Mounted Points - 6mm Shank							
40 x 20	POS PNL 4020/6 A100 (2 products per display)	47800139	4007220022481	4	\$57.81		
60 x 50	POS PNL 6050/6 A100 (1 product per display)	47800140	4007220022498	4	\$42.15		
40 x 20	POS PNZ 4020/6 A100 (2 products per display)	47800141	4007220022504	4	\$78.21		
60 x 50	POS PNZ 6050/6 A100 (1 product per display)	47800142	4007220022511	4	\$54.08		
COMBIDISC Holders							
50	POS RM2 (50mm) (1 product per display)	47600070	4007220022818	4	\$22.89		
75	POS RM3 (75mm) (1 product per display)	47600071	4007220022825	4	\$23.87		
Fan Grinders - 6mm Shank							
30 x 15	POS F 3015/6 A 60 Grit (4 products per display)	47800131	4007220019153	4	\$30.84		
30 x 15	POS F 3015/6 A 80 Grit (4 products per display)	47800132	4007220019160	4	\$30.84		
40 x 20	POS F 4020/6 A 60 Grit (3 products per display)	47800133	4007220022214	4	\$29.96		
40 x 20	POS F 4020/6 A 80 Grit (3 products per display)	47800134	4007220022436	4	\$29.96		
50 x 30	POS F 5030/6 A 60 Grit (2 products per display)	47800135	4007220022443	4	\$26.12		
50 x 30	POS F 5030/6 A 80 Grit (2 products per display)	47800136	4007220022450	4	\$26.12		
60 x 30	POS F 6030/6 A 60 Grit (2 products per display)	47800137	4007220022467	4	\$27.11		
60 x 30	POS F 6030/6 A 80 Grit (2 products per display)	47800138	4007220022474	4	\$27.11		

Point-Of-Sale Products

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Point-of-Sale Clam Shell Display Packaging						
Abrasive Spiral Bands - Aluminium Oxide						
25 x 25	POS KSB 2525 A 40 (10 products per pack)	49900040	4007220144152	1	\$30.93	
25 x 25	POS KSB 2525 A 60 (10 products per pack)	49900041	4007220144220	1	\$30.93	
25 x 25	POS KSB 2525 A 80 (10 products per pack)	49900042	4007220144237	1	\$30.93	
38 x 25	POS KSB 3825 A 40 (10 products per pack)	49900046	4007220144305	1	\$42.83	
38 x 25	POS KSB 3825 A 60 (10 products per pack)	49900047	4007220144329	1	\$42.83	
38 x 25	POS KSB 3825 A 80 (10 products per pack)	49900048	4007220144336	1	\$42.83	
Abrasive Spiral Bands - Ceramic COOL (Top Size)						
25 x 25	POS GSB 2525 CO-COOL 36 (10 products per pack)	49900043	4007220144251	1	\$36.70	
25 x 25	POS GSB 2525 CO-COOL 60 (10 products per pack)	49900044	4007220144268	1	\$36.70	
25 x 25	POS GSB 2525 CO-COOL 80 (10 products per pack)	49900045	4007220144299	1	\$36.70	
COMBIDISC Abrasive Discs - CDR A						
50	POS CDR 50 A 36 (5 products per pack)	47200072	4007220022528	1	\$16.66	
50	POS CDR 50 A 60 (5 products per pack)	47200073	4007220022535	1	\$16.66	
50	POS CDR 50 A 80 (5 products per pack)	47200074	4007220022542	1	\$16.66	
75	POS CDR 75 A 36 (5 products per pack)	47200084	4007220022689	1	\$21.15	
75	POS CDR 75 A 60 (5 products per pack)	47200085	4007220022696	1	\$21.15	
75	POS CDR 75 A 80 (5 products per pack)	47200086	4007220022702	1	\$21.15	
COMBIDISC Abrasive Discs - CDR Z						
50	POS CDR 50 Z 36 (5 products per pack)	47200075	4007220022559	1	\$22.63	
50	POS CDR 50 Z 60 (5 products per pack)	47200076	4007220022566	1	\$19.89	
50	POS CDR 50 Z 80 (5 products per pack)	47200077	4007220022580	1	\$19.89	
75	POS CDR 75 Z 36 (5 products per pack)	47200087	4007220022719	1	\$28.84	
75	POS CDR 75 Z 60 (5 products per pack)	47200088	4007220022726	1	\$26.61	
75	POS CDR 75 Z 80 (5 products per pack)	47200089	4007220022733	1	\$26.61	
COMBIDISC Abrasive Discs - CDR Ceramic COOL (Top Size)						
50	POS CDR 50 CO-COOL 36 (5 products per pack)	47200078	4007220022597	1	\$24.25	
50	POS CDR 50 CO-COOL 60 (5 products per pack)	47200079	4007220022603	1	\$21.63	
50	POS CDR 50 CO-COOL 80 (5 products per pack)	47200080	4007220022610	1	\$21.15	
75	POS CDR 75 CO-COOL 36 (5 products per pack)	47200090	4007220022740	1	\$30.96	
75	POS CDR 75 CO-COOL 60 (5 products per pack)	47200091	4007220022757	1	\$28.84	
75	POS CDR 75 CO-COOL 80 (5 products per pack)	47200092	4007220022764	1	\$28.60	
COMBIDISC Abrasive Discs - CDR VRH (Surface Conditioning)						
50	POS CDR VRH 50 A 100 Coarse (5 products per pack)	47200081	4007220022641	1	\$17.41	
50	POS CDR VRH 50 A 180 Medium (5 products per pack)	47200082	4007220022658	1	\$17.41	
50	POS CDR VRH 50 A 240 Very Fine (5 products per pack)	47200083	4007220022665	1	\$17.41	
75	POS CDR VRH 75 A 100 Coarse (3 products per pack)	47200093	4007220022788	1	\$18.65	
75	POS CDR VRH 75 A 180 Medium (3 products per pack)	47200094	4007220022795	1	\$18.65	
75	POS CDR VRH 75 A 240 Very Fine (3 products per pack)	47200095	4007220022801	1	\$18.65	

4



Fine Grinding & Polishing Tools

Surface roughness – influencing factors & reference values



High-performance tools with **VICTO**GRAIN abrasive grain

VICTOGRAIN products are some of the most effective grinding tools in the world. PFERD's triangular, precision-formed abrasive grain achieves uniquely high abrasive performance.

The **VICTO**GRAIN abrasive grain triangles are identical in shape and size and their cutting edges are applied to the workpiece at the optimum angle, meaning the grain needs very little energy to penetrate the workpiece. As such, the user benefits from an efficient machining process with

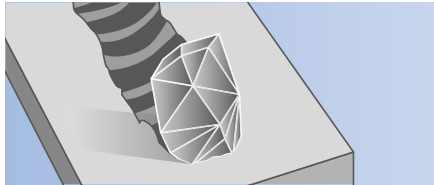
- fast working,
- a long tool life,
- less heat build-up in the workpiece, and
- a lower power output required for the tool drive.

The **VICTO**GRAIN abrasive grain triangles are fixed to the substrate on one of their sides.

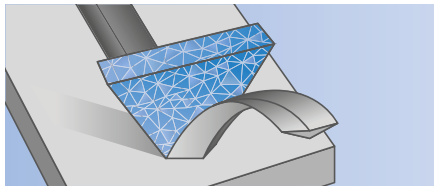
This means they are securely fixed in place and, together with their slim design, offer an extremely large chip space in order to further improve machining efficiency.

The structure of the triangular **VICTO**GRAIN has also been specially adapted to maximize results. The very small crystals inside the triangles ensure optimal wear characteristics as sharp cutting edges are always exposed, but only the minimum amount of abrasive grain/the triangle breaks off.

By combining all these properties together, users benefit from optimal, constant performance during cool grinding and an extremely long tool life together with consistent workpiece surface roughness.



Conventional abrasive grain



VICTOGRAIN abrasive grain



The **VICTO**GRAIN abrasive grain is optimally aligned

COMBIDISC Abrasive Discs - CDFR VICTO GRAIN-COOL					List Price Ea. Excl. GST	
50	CDFR 50 VICTO GRAIN-COOL 36	42715036	4007220109335	100	\$4.97	Page 60
75	CDFR 75 VICTO GRAIN-COOL 36	42717536	4007220109342	50	\$6.27	Page 60





In use in many industries

The use of efficient tools for work on surfaces and cutting materials is an important factor for ensuring profitability in many processes and industries.

For many materials and applications, tools with super-hard abrasives like diamond or CBN (cubic boron nitride) abrasives provide a cost-effective alternative to conventional tools.

With their high hardness, they have a particularly long tool life and are an established problemsolver in many industries:

- Automotive industry and suppliers
- Energy industry
- Foundries (grey and nodular cast iron)
- Ceramic industry
- Plastics processing (GRP/CRP)
- Machine and plant construction
- Medical equipment
- Tool and mould construction
- Tool industry

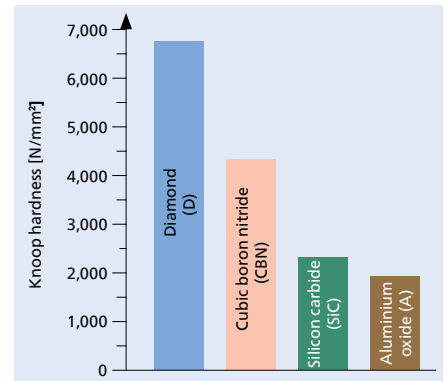
Super-hard abrasives

Diamond and CBN form the group of superhard abrasives.

Diamond is the hardest naturally occurring solid. It consists of pure carbon in a crystalline structure. For grinding tools, the diamonds used are generally synthetic, produced at very high temperatures under high pressure. The properties of the abrasive can be optimized for the subsequent application of the tool.

CBN (cubic boron nitride) is the second-hardest solid known. It consists of boron and nitrogen in a crystalline structure.

For work on certain materials, diamond and CBN tools are an economic alternative to tools with conventional abrasives such as aluminium oxide and silicon carbide. Diamond and CBN grain is much harder and its cutting edges are very resistant to blunting. Diamond and CBN tools therefore enjoy a very long tool life.



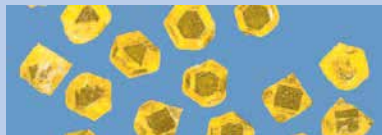
Materials

Diamond and CBN abrasives are used when materials cannot be machined with conventional abrasives such as aluminium oxide or silicon carbide. They also provide a more economical solution for many applications.

Due to high chemical wear, rotating diamond tools are not suitable for work on steel. CBN tools are used for these applications. The two abrasives complement each other ideally. In the adjacent overview, you will find various materials associated with the abrasives.

Using the colour coding system, the abrasive of the tool can be identified immediately.

Diamond = blue



- Duroplastics, in particular with glass or carbon fibre reinforcement (GRP and CRP)
- Ferrite (magnetic material)
- Glass
- Graphite and synthetic carbon
- Grey and nodular cast iron
- Tungsten carbide
- Nickel- or titanium-based superalloys
- Technical ceramics
- Wear-resistant coatings (powder metal alloys and hardfacing alloys)

CBN = red



- Case-hardened steels
- Roller-bearing and ball-bearing steels
- Tool steels
- Other hardened steel materials with a hardness from approx. 54 HRC

PFERD quality

PFERD diamond and CBN grinding tools comply with the highest quality and safety requirements and are manufactured and labelled according to the European safety standard EN 13236.

In addition to the high quality standards, occupational health and safety as well as ergonomics play a prominent role.

PFERD quality management is certified according to ISO 9001



You will receive more information here or at www.pferd.com.au

Diamond & CBN Tools

General Information



Grit sizes

The grit size data for diamond and CBN tools relates to the average grit diameter in [µm]. Thus, the higher the number specified in the grit designation, the coarser the grit size. A coarse grit size increases stock removal and the surface roughness of the workpiece.

Selecting the optimum grit size depends on the intended application, the material to be machined, the tool drive employed and a wide range of other factors. As a general rule, the harder the material to be worked and the finer the desired surface roughness, the finer the selected grit size should be.

Grit sizes	Grit designations [µm] ISO 6106 (FEPA Standard)		Equivalent US mesh number/inch US Mesh Size
	Diamond	CBN	
Micro-grit	D 25 / D 30	-	-
	D 46	B 46	325/400
	D 54	B 54	270/325
	D 64	B 64	230/270
	D 76	B 76	200/230
	D 91	B 91	170/200
	D 107	B 107	140/170
	D 126	B 126	120/140
	D 151	B 151	100/120
	D 181	B 181	80/100
	D 213	B 213	70/80
	D 251	-	60/70
	-	B 252	60/80
	D 301	B 301	50/60
	D 357	B 357	45/50
	D 427	B 427	40/50
	D 502	-	35/45
	D 602	-	30/40
	D 711	-	25/30
	D 852	-	20/30
	D 1001	-	16/20

The recommended cutting speed ranges depend on the application and must not exceed the maximum permissible peripheral speed. Because of the wide range of tasks and application fields of electroplated diamond and CBN tools, as well as the large influence of the employed tool drive, it is not possible to specify a generally valid cutting speed. The recommended cutting speed ranges serve as reference values.

Generally, the following applies:

- In dry grinding, do not use diamond tools at too high a cutting speed in order to avoid thermal damage to the abrasive.
- If possible, do not use CBN tools under the cutting speeds specified below. The optimum cutting speed has a direct effect on the economic value of the tools in use.

- All parameters must always be coordinated with each other within the grinding process. If the cutting speed is changed, among others the feed, infeed and coolant supply must be adjusted accordingly.
- Electroplated diamond and CBN tools can be used in dedicated stationary applications up to a peripheral speed of 125 m/s.

Cutting speed [m/s] ▶			51	01	52	02	53	03	54	04	5	...	80
Electroplated bond	Diamond	Dry grinding			8-18 m/s					30-80 m/s for CRP/GRP as well as grey and nodular cast iron			
		Wet grinding				15-25 m/s							
	CBN	Dry grinding				15-25 m/s							
		Wet grinding					20-40 m/s						
Resinoid bond	Diamond	Dry grinding			15-20 m/s								
		Wet grinding				20-30 m/s							
	CBN	Dry grinding				18-30 m/s							
		Wet grinding					25-40 m/s						
	Diamond	Dry grinding		10-15 m/s									
		Wet grinding			15-30 m/s								
	CBN	Wet grinding					25-30 m/s						

PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE
Diamond Cut-Off Wheels	73	Double Row	74	Diamond Handy File Set	75
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				Diamond CC-Grind-Solid Wheel	76

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Diamond Cut-Off Wheels						
General Purpose - Segmented Type DS						
100 (4")	DS 100 x 1.6 x 16.0/20 PSF	68300037	4007220820339	1	\$12.13	
115 (4 ½")	DS 115 x 1.6 x 22.23 PSF	68300044	4007220833117	1	\$14.24	
125 (5")	DS 125 x 1.6 x 22.23 PSF	68300045	4007220833124	1	\$16.23	
178 (7")	DS 178 x 2.0 x 22.23 PSF	68300038	4007220820346	1	\$24.40	
230 (9")	DS 230 x 2.3 x 22.23 PSF	68300039	4007220820353	1	\$36.08	
350 (14")	DS 350 x 3.2 x 25.4 PSF	68300047	4007220881491	1	\$186.89	
400 (16")	DS 400 x 3.2 x 25.4 PSF	68300054	4007220069875	1	\$244.75	
450 (18")	DS 450 x 3.2 x 25.4 PSF	68300055	4007220069882	1	\$307.96	
General Purpose - Turbo Type DG						
100 (4")	DG 100 x 1.9 x 16.0/20 PSF	68300036	4007220820322	1	\$10.98	
115 (4 ½")	DG 115 x 1.9 x 22.23 PSF	68300042	4007220833094	1	\$15.53	
125 (5")	DG 125 x 1.9 x 22.23 PSF	68300043	4007220833100	1	\$16.93	
178 (7")	DG 178 x 2.2 x 22.23 PSF	68300048	4007220909409	1	\$29.70	
230 (9")	DG 230 x 2.6 x 22.23 PSF	68300050	4007220000106	1	\$39.12	
General Purpose - Continuous Rim Type DG-FL						
100 (4")	DG 100 x 1.6 x 16.0/20 FL PSF	68300035	4007220820315	1	\$10.39	
115 (4 ½")	DG 115 x 1.6 x 22.23 FL PSF	68300040	4007220833070	1	\$11.68	
125 (5")	DG 125 x 1.6 x 22.23 FL PSF	68300041	4007220833087	1	\$13.43	
General Purpose - Asphalt Type DS-AS						
300 (12")	DS 300 x 2.8 x 20/25.4 AS PSF	68300058	4007220069912	1	\$151.29	
350 (14")	DS 350 x 2.8 x 25.4 AS PSF	68300059	4007220069929	1	\$186.89	
400 (16")	DS 400 x 3.2 x 25.4 AS PSF	68300060	4007220069936	1	\$244.74	
450 (18")	DS 450 x 3.2 x 25.4 AS PSF	68300061	4007220069950	1	\$317.05	

Diamond & CBN Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Diamond Cup Wheels						
Single Row						
100 (4")	DCW 1R 100 x 6 x 16/22.23 PSF	68300063	4007220069974	1	\$51.18	
115 (4 ½")	DCW 1R 115 x 6 x 22.23 PSF	68300064	4007220069981	1	\$57.84	
125 (5")	DCW 1R 125 x 6 x 22.23 PSF	68300065	4007220069998	1	\$57.84	
Double Row						
100 (4")	DCW 2R 100 x 6 x 16/22.23 PSF	68300066	4007220070000	1	\$60.07	
115 (4 ½")	DCW 2R 115 x 6 x 22.23 PSF	68300067	4007220070017	1	\$76.76	
125 (5")	DCW 2R 125 x 6 x 22.23 PSF	68300068	4007220070024	1	\$80.09	
Diamond Drills						
Diamond Pin Drills						
5	DPD 5 FL PSF	68300091	4007220070260	1	\$44.50	
6	DPD 6 FL PSF	68300092	4007220070277	1	\$45.61	
8	DPD 8 FL PSF	68300093	4007220070284	1	\$46.72	
10	DPD 10 FL PSF	68300094	4007220070291	1	\$48.95	
12	DPD 12 FL PSF	68300095	4007220070307	1	\$48.95	
Diamond Centering Device						
	DPD 5-12 FL PSF	68300096	4007220070321	1	\$77.88	
Diamond Core Drills						
20	DCD 20 M14 FL PSF	68300075	4007220070093	1	\$88.99	
22	DCD 22 M14 FL PSF	68300076	4007220070109	1	\$90.11	
25	DCD 25 M14 FL PSF	68300077	4007220070116	1	\$91.77	
27	DCD 27 M14 FL PSF	68300078	4007220070123	1	\$92.88	
30	DCD 30 M14 FL PSF	68300079	4007220070130	1	\$96.79	
32	DCD 32 M14 FL PSF	68300080	4007220070147	1	\$105.68	
35	DCD 35 M14 FL PSF	68300081	4007220070154	1	\$109.02	
38	DCD 38 M14 FL PSF	68300082	4007220070161	1	\$117.92	
40	DCD 40 M14 FL PSF	68300083	4007220070178	1	\$119.03	
45	DCD 45 M14 FL PSF	68300084	4007220070185	1	\$124.59	
51	DCD 51 M14 FL PSF	68300085	4007220070192	1	\$151.29	
55	DCD 55 M14 FL PSF	68300086	4007220070215	1	\$153.52	
60	DCD 60 M14 FL PSF	68300087	4007220070222	1	\$182.44	
65	DCD 65 M14 FL PSF	68300088	4007220070239	1	\$191.33	
68	DCD 68 M14 FL PSF	68300089	4007220070246	1	\$198.01	
70	DCD 70 M14 FL PSF	68300090	4007220070253	1	\$200.24	

5



Diamond & CBN Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Diamond Files & Sets						
Diamond Handy Files						
215	DF 2601 D 126 (hand)	15430202	4007220017302	1	\$111.59	
215	DF 2602 D 126 (half round)	15431202	4007220017319	1	\$111.59	
215	DF 2607 D 126 (3 square)	15432202	4007220017326	1	\$111.59	
215	DF 2607 D 181 (3 square)	15432203	4007220535479	1	\$111.59	
215	DF 2608 D 126 (square)	15433202	4007220017333	1	\$98.49	
215	DF 2610 D 126 (round)	15434202	4007220017340	1	\$98.49	
Diamond Handy File Set						
215	DF 2627 D 126 (5 piece)	15826272	4007220017357	1	\$530.87	
Contents:	1 pc each of DF 2601 (hand) DF 2602 (half round) DF 2607 (3 square) DF 2608 (square) DF 2610 (round)					
Diamond Needle Files						
140	DF 4112 D 91 (hand)	15101061	4007220016664	1	\$41.47	
140	DF 4112 D 126 (hand)	15101062	4007220016671	1	\$36.96	
140	DF 4112 D 181 (hand)	15101063	4007220016688	1	\$46.43	
140	DF 4112R D 126 (hand round edges)	15102062	4007220016701	1	\$36.96	
140	DF 4122 D 91 (flat)	15103061	4007220016725	1	\$41.47	
140	DF 4122 D 126 (flat)	15103062	4007220016732	1	\$36.96	
140	DF 4132 D 126 (3 square)	15104062	4007220016763	1	\$36.96	
140	DF 4142 D 126 (square)	15105062	4007220016794	1	\$36.96	
140	DF 4152 D 91 (half round)	15106061	4007220016817	1	\$41.47	
140	DF 4162 D 91 (round)	15107061	4007220016848	1	\$41.47	
140	DF 4162 D 126 (round)	15107062	4007220016855	1	\$36.96	
140	DF 4162 D 181 (round)	15107063	4007220016862	1	\$46.43	
140	DF 4172 D 126 (knife)	15108062	4007220016886	1	\$36.96	
140	DF 4182 D 126 (feather edge)	15109062	4007220016916	1	\$36.96	
140	DF 4102 D 126 (barrette)	15100062	4007220016640	1	\$36.96	

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Diamond & CBN Tools

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Diamond File Sets							
Diamond Needle File Sets							
140	DF 4205 D 91 (5 pieces)	15842051	4007220017371	1	\$206.34		
140	DF 4205 D 126 (5 pieces)	15842052	4007220017388	1	\$183.91		
	1 pc each of Contents: DF 4112 (hand) DF 4132 (three square) DF 4142 (square) DF 4152 (half round) DF 4162 (round)						
140	DF 4211 D 126 (11 pieces)	15842112	4007220017418	1	\$404.60		
	1 pc each of Contents: DF 4112 (hand) DF 4112R (hand with round edges) DF 4122 (flat) DF 4132 (three square) DF 4142 (square) DF 4152 (half round) DF 4162 (round) DF 4172 (knife) DF 4182 (feather edge) DF 4192 (crossing oval) DF 4102T (barrette)						
Diamond Riffler File Set							
150	DF 1624 D 126 (5 pieces)	15816242	4007220355381	1	\$286.88		
	1 pc each of Contents: DF 16 (crossing oval) DF 18 (hand) DF 20 (square) DF 22 (three square) DF 24 (round)						
Diamond Grinding Points							
Diamond Grinding Points - 3mm Shank							
1	DKU-A 1.0/3 D126	36201010	4007220258637	1	\$61.02		
2	DKU-A 2.0/3 D126	36202010	4007220258668	1	\$64.73		
3	DKU-A 3.0/3 D126	36203010	4007220258699	1	\$66.52		
Diamond Grinding Wheel							
Diamond CC-Grind-Solid Wheel							
125	CC-Grind-Solid Diamond 125-22.23 D852	36612585	4007220068380	1	\$767.20		

5



PFERD quality

All PFERD tools are developed, manufactured and tested in accordance with the strictest quality requirements. As a founding member of the "Organization for the Safety of Abrasives (oSa)", PFERD has committed to conform to tougher inspection requirements that even go beyond EN 12413 and EN 13743.

PFERD quality management is certified according to ISO 9001



PFERD support and training

PFERD offers you individual targeted support to solve your application problems. The experienced sales representatives and technical advisors at PFERD will be pleased to assist you. Please contact us.

In the PFERD Training, we provide highly specialized and practical knowledge from the world of grinding and cutting. The seminar blocks follow on from each other and enable you to become a PFERD tool specialist.



PFERD TOOL-CENTER

On the PFERD TOOL-CENTER of your local retailer, you will find all the important information required for selecting the most appropriate tool. The PFERD information and symbol cards provide important tips about tools and applications.

If you have any questions, your local retailer or PFERD sales representative will be happy to help you.



Products made to order

If you cannot find the solution for your particular application in our standard product range, PFERD can produce tailor-made cut-off wheels, flap discs and reinforced grinding wheels specifically for your application on request.

Taking into account the processing objective, the material to be worked and the conditions, we offer individual advice with the aim of finding the best and most economical solution for you.



PFERDVALUE – Your added value with PFERD

Results from the PFERD test laboratories as well as from the product tests by independent testing institutes prove: PFERD tools offer measurable added value.

Discover PFERDERGONOMICS and PFERDEFFICIENCY:

As part of PFERDERGONOMICS, PFERD offers ergonomically optimized tools and tool drives that contribute to greater safety and working comfort, and thus to health protection.

PFERDERGONOMICS



As part of PFERDEFFICIENCY, PFERD offers innovative, high-performance tool solutions and tool drives with outstanding added value.

PFERDEFFICIENCY



You will receive more information here or at www.pferd.com.au

Grinding, Polifan and Cut-Off Wheels

General information



Grinding & Polifan Discs

Product lines

For the wide variety of abrasive grinding applications in industry and crafts PFERD now offers three types of reinforced grinding wheels with their proven colour coding system:



PSF ★★☆☆☆

Universal line

General use in industry and trades



SG ★★★★★

Performance line

Widest range of tools for professional use in industry and trades



SGP ★★★★★

Special line

For special industrial applications

The PFERD range of reinforced grinding wheels meets state-of-the-art requirements, providing outstanding stock removal, handling convenience, and high cost-efficiency.

Reinforced grinding wheels made by PFERD are manufactured to the most stringent quality standards. Operator health risks are reduced through minimised vibration levels and high dimensional stability.

The development of new, specialised grinding tools such as CC-GRIND and CC-GRIND-SOLID have further redefined the task of grinding. Very high stock removal rates combined with reduced noise, dust and vibration enable efficiencies never seen before in metal grinding applications.

POLIFAN flap discs can offer advantages over reinforced grinding wheels where a superior surface finish must be achieved in addition to high stock removal rates.

The wide range of high-grade abrasive flap types and proven special-purpose versions available from PFERD meet the demands of the most exacting and difficult grinding tasks while reflecting the specific properties of each material.

The high-performance flap disc

POLIFAN - STRONG with its exceptional abrasive qualities and tool life and the flap disc

POLIFAN - CURVE for fillet weld grinding are examples of these PFERD innovations

Cut-Off Wheels

Product lines

PFERD cut-off wheels provide optimum abrasive results.

Choose from three product lines with different performance characteristics to match the specific material, power tool type and machining task.



PSF ★★☆☆☆

Universal line

General use in industry and trades



SG ★★★★★

Performance line

Widest range of tools for professional use in industry and trades



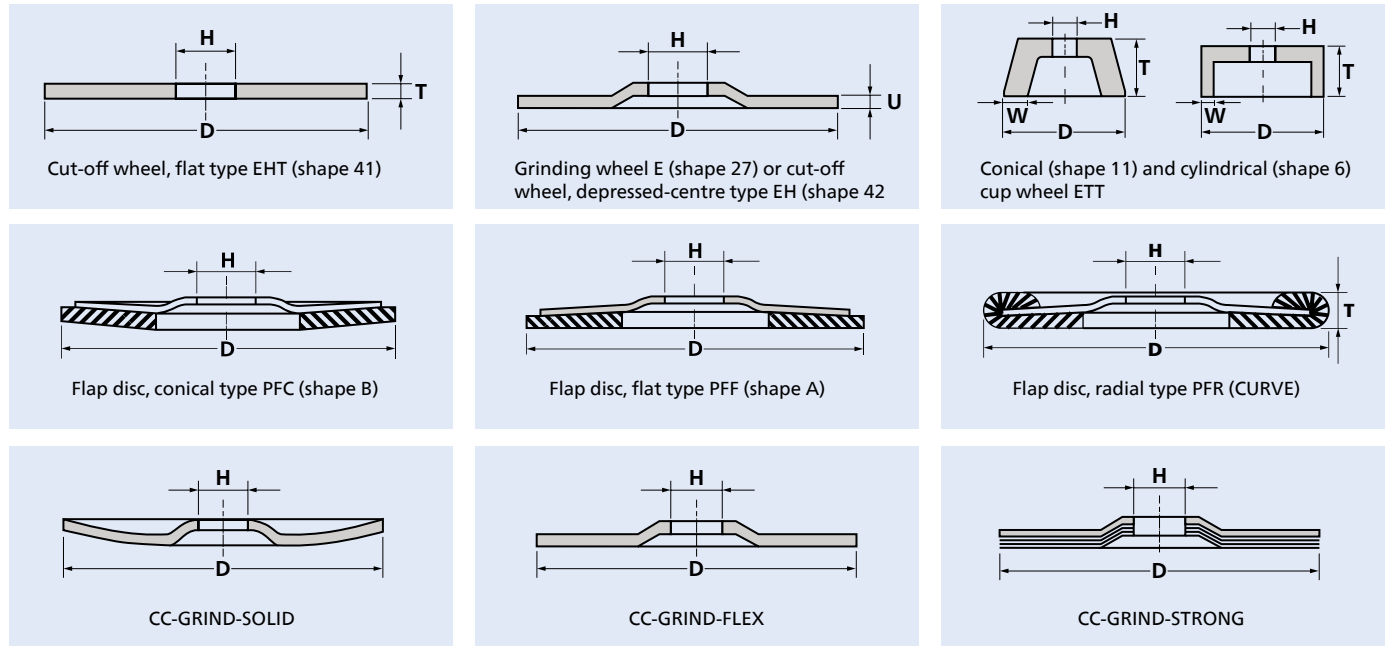
SGP ★★★★★

Special line

For special industrial applications

The highly differentiated product lines can be used for all practical machining tasks. You can always choose the optimal cut-off wheel for the respective application.

Overview of shapes and letter symbols



Safety during cutting and grinding



Grinding tool manufacturers, machine manufacturers and users contribute equally to ensuring safety during cutting and grinding.

PFERD produces all its tools according to the specified safety regulations. During cutting and grinding, the user is responsible for correct use of the tool drive as well as correct handling and use of the tools.

The information required for the safe use of grinding wheels, cut-off wheels, cup wheels, flap wheels, POLIFAN flap discs and CC-GRIND grinding discs from PFERD is summarized here. In addition to this, user information relating to the grinding machine used, as well as the applicable provisions on health and safety at work, should always be observed.

Explanation of the labelling of grinding tools

- Always observe the instructions on the grinding tool, the grinding machine and all accompanying user information
- Only use grinding tools that meet current safety standards. These products carry the relevant EN standard number and the "oSa" mark:
 - EN 12413 for grinding tools with bonded abrasives (grinding wheels, cut-off wheels, cup wheels and snagging wheels)
 - EN 13743 for coated abrasives (POLIFAN flap discs)
- Use a grinding tool that is suitable for the respective application. A tool that cannot be clearly identified should never be used
- Grinding tools for hand-held grinding with bond types B (e.g. cup wheels) and BF (grinding wheels, cut-off wheels and snagging wheels) must not be used after the indicated expiry date in accordance with EN 12413. The expiry date is stated as the month and year, e.g. 04/2021. The bond type is always marked on the label
- Observe any use restrictions, warnings and safety instructions:



= Not permitted for hand-held grinding!



= Not permitted for face grinding!



= Not permitted for wet grinding!



= Do not use if damaged!



= Follow the safety instructions!



= Wear eye protection!



= Wear hearing protection!



= Wear gloves!



= Wear a dust mask!



= Observe the minimum contact angle!

Grinding, Polifan and Cut-Off Wheels

General information

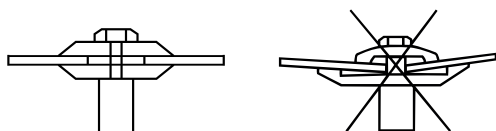


Storage of grinding tools

- Grinding tools should be stored in such a way as to prevent any adverse effects caused by moisture, frost or large temperature variations so as to avoid mechanical damage. Do not use resinoid-bonded grinding tools or grinding tools using coated abrasives that have been exposed to severe humidity, damp or high temperatures.

Mounting of grinding tools

- Only use grinding machines that are intended for use with the relevant tool.
- Never use a grinding machine that is not in good condition.
- Use only grinding tools with an outer diameter and bore diameter and/or thread that match the specifications of the grinding machine.
- Do not use damaged grinding tools. Grinding tools must be visually inspected and checked for any possible damage before each use.
- Keep mounting components clean and in good mechanical condition. Replace them if they become damaged or worn. If the manufacturer of the grinding machine provides devices for securing the grinding tool (e.g. a key), then these must be used. Tighten the clamping mechanism by hand.
- In principle, only clamping flanges with a contact surface with the same outer diameter and that are identically shaped on the contact side may be used.



- Use blotters between the grinding tool and clamping components, if provided.
- Prevent the grinding machine from accidentally turning on, before mounting or changing the grinding tool by disconnecting the power supply.
- Never exceed the maximum operating speed of a grinding tool. Make sure that the rotational speed of the grinding machine (rev/min, 1/min, RPM or min-1) does not exceed the maximum permissible speed given on the grinding tool, the accompanying label or packaging. The remounting of worn grinding tools on smaller grinding machines is not permitted.
- Do not make any unauthorized changes to grinding tools.
- Each time that a tool is mounted, perform a trial run at operating speed, with the protective cover properly installed, for at least 30 seconds. During the trial run, hold the grinding machine in such a way that in the event of any failure of the grinding tool, you will not be struck by any fragments.
- Stationary cut-off wheels must only be used on appropriate stationary cut-off grinding machines. They are not permitted for hand-held or manually guided grinding. If a maximum power output of the machine is indicated on the cutoff wheel, it must never be exceeded.

Use of grinding tools

- Use a grinding tool that is suitable for the respective application. A tool that cannot be clearly identified should never be used.
- Always be aware of the potential dangers during use of grinding tools.
- Always use protective equipment and covers in compliance with the operating instructions for the grinding machine and make sure they are properly mounted and in good condition before you switch on the grinding machine. The protective cover must always be positioned in such a way that it is located between the operator and the tool. Sparks should not fly in the direction of the operator.
- The workpiece must be fixed without tension by appropriate clamping devices or by its own weight.

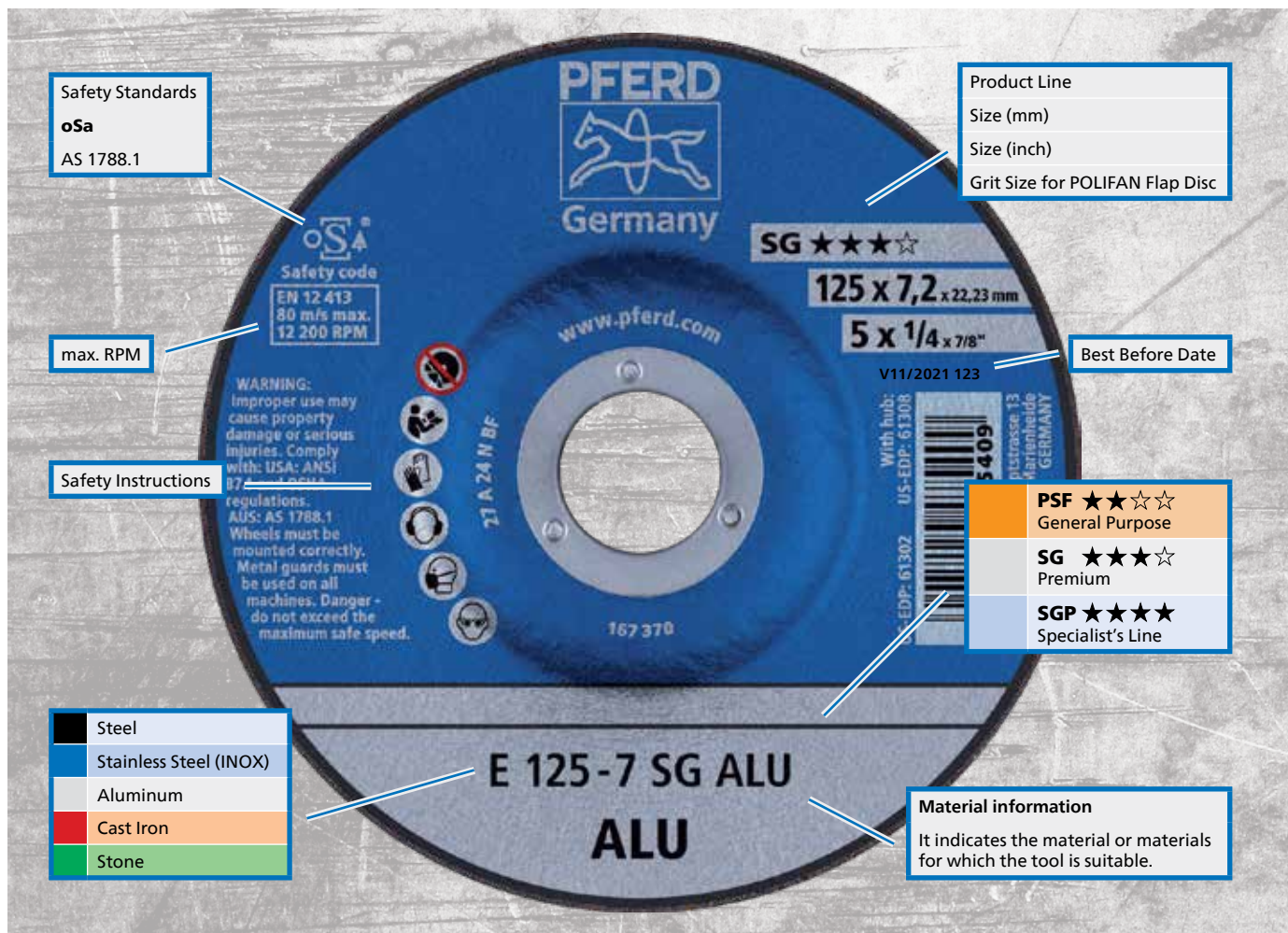
- The grinding machine must always be turned on before the grinding tool comes into contact with the workpiece.
- Always bring grinding tools carefully into contact with the workpiece surface.
- Always guide cut-off wheels in a straight line. No lateral load should be applied to the cut-off wheel and it should not be used for face grinding.
- Grinding machines may only be put down once they have been turned off and have come to a complete stop.

Hazards due to tool breakage, abrasive particles, sparks, dust, fumes, noise, vibration and bodily contact with the grinding tool

- The use of appropriate personal protective equipment is required for all grinding operations to provide protection against mechanical impacts, abrasive particles, sparks, dust and fumes, noise and vibration. This includes eye protection, hearing protection, respiratory protection and hand protection. Long-sleeved, flame-resistant clothing and appropriate safety footwear must be worn. Tie back long hair and do not wear loose clothing, ties or jewellery. These rules not only apply to the operator of the grinding machine but also to any other persons in the working environment.
- Inhalation of grinding dust can lead to lung damage. Make sure that sufficient extraction or other appropriate measures are provided during grinding work.
- Do not use grinding tools in the vicinity of flammable materials. Flammable and explosive substances must be removed from the working environment before starting work. This includes, for example, dust deposits (especially aluminium dust), cardboard, packaging material, textiles, wood and wood chips, as well as flammable liquids and gases.
- Ensure appropriate extraction and avoid sources of ignition, as explosive dusts can be created when cutting and grinding aluminium. Grinding dusts from steels and aluminium must not be mixed.
- In the event of excessive vibrations stop the grinding machine and investigate the cause of the vibration. Take immediate action, when using a grinding tool, if you begin to experience tingling, stinging or numbness in the hand or arms.
- Never remove fitted safety devices from grinding machines and ensure that they are in good condition and properly installed before starting the grinding machine.
- After switching off the grinding machine, ensure that it has come to a complete stop before leaving it unattended.

Disposal of grinding tools

- Worn or defective grinding tools must be disposed of according to all applicable regulations.
- Note that grinding tools may become contaminated by work on certain materials.
- Grinding tools for disposal should be destroyed in a clearly visible manner in order to prevent re-use.
- Further information can be obtained from your supplier's voluntary product information and safety data sheets.



PFERD description

E 125 - 7 SG ALU	PFC 125 A40 SG STEELOX
1 2 3 4 5	1 2 3* 4 5

1. Designation and shape of the tool

E	= Reinforced grinding wheel
ER	= Ring wheel
ETT	= Cup wheel
CC-GRIND	= Innovative grinding disc
PFC	= POLIFAN flap disc
PFR	= POLIFAN CURVE disc
FS	= Fibre disc
CC-FS	= COMBICLICK fibre disc

2. Outer diameter

Outer dia. D in [mm]

3. Wheel width

Width T/U in [mm]

3*. Abrasive & Grit Size

A	= Aluminium oxide
CO	= Ceramic Oxide
Z	= Zirconia
ZA	= Zirconia /Aluminium Oxide

Grit size according to ISO 8486

4. PFERD product lines

Universal line **PSF** (General Purpose)
Performance line **SG** (Premium)
Special line **SGP** (Specialist's Line)

5. Material information

STEEL
ALU
STEELOX
STONE
ALU+STONE
CAST+ALU
CAST+STEEL

Safety Instructions:



= Follow the safety instructions



= Wear eye protection



= Wear hearing protection



= Wear gloves



= Wear a dust mask



= Observe the minimum contact angle!



= Not permitted for hand-held grinding



= Not permitted for face grinding



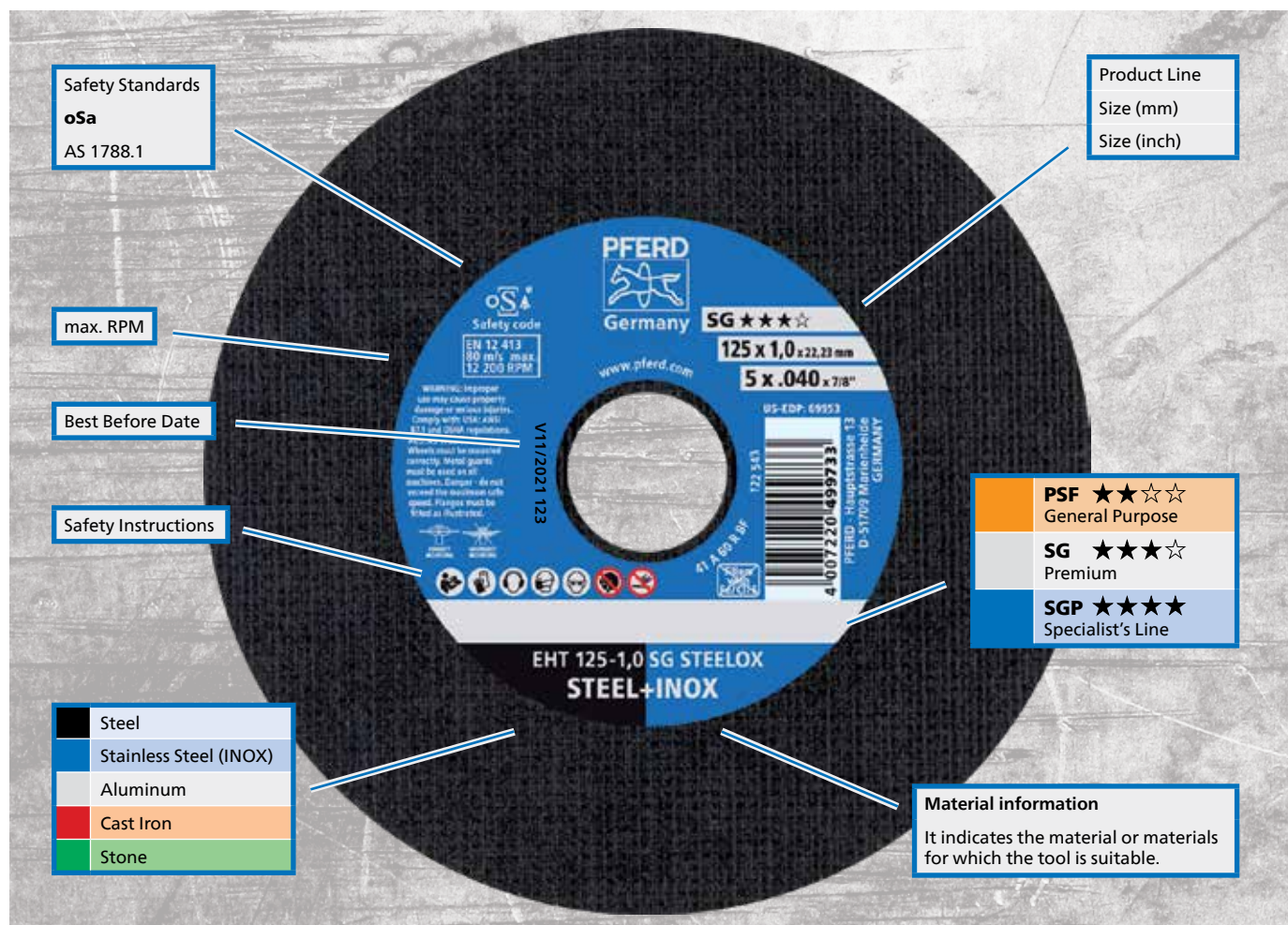
= Not permitted for wet grinding



= Do not use if damaged

Cut-Off Wheels

General information



PFERD description

E 125 - 1.0 SG STEELOX
1 2 3 4 5

1. Designation and shape of the tool

EHT = Flat Cut-Off Wheel
EH = Raised Hub Cut-Off Wheel

2. Outer diameter

Outer dia. D in [mm]

3. Wheel width

Width T/U in [mm]

4. PFERD product lines

Universal line **PSF** (General Purpose)
Performance line **SG** (Premium)
Special line **SGP** (Specialist's Line)

5. Material information

STEEL
ALU
STEELOX
STONE
ALU+STONE
CAST+ALU
CAST+STEEL

Safety Instructions:



= Follow the safety instructions



= Wear gloves



= Wear eye protection



= Wear a dust mask



= Wear hearing protection



= Observe the minimum contact angle!



= Do not use if damaged

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Flared Cup Wheels - Steel/INOX	84	SUPERFLEX Flexible Discs	88	COMBICLICK - VICTOGRAIN-COOL Fibre Disc	93
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Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Grinding Wheels - General Purpose						
Depressed Centre Grinding Wheels - GP - Steel						
100 (4")	E 100-6 PSF STEEL	62010634	4007220653944	25	\$2.75	
115 (4 ½")	E 115-7 PSF STEEL	62011634	4007220470510	10	\$3.84	
125 (5")	E 125-7 PSF STEEL	62012634	4007220471142	10	\$4.05	
125 (5")	E 125-7 PSF STEEL (FASTGRIND)	N! 69902093	6009642958025	10	\$4.05	
150 (6")	E 150-7 PSF STEEL	62015628	4007220952726	10	\$8.46	
180 (7")	E 180-7 PSF STEEL	62017634	4007220470527	10	\$7.81	
230 (9")	E 230-7 PSF STEEL	62023634	4007220470541	10	\$9.51	
Depressed Centre Grinding Wheels - GP (Soft) - Steel/INOX						
100 (4")	E 100-6 PSF STEELOX	62010720	4007220643273	10	\$3.90	
115 (4 ½")	E 115-7 PSF STEELOX	62011640	4007220640852	10	\$4.54	
125 (5")	E 125-7 PSF STEELOX	62012640	4007220640883	10	\$4.54	
125 (5")	E 125-7 PSF STEELOX (FASTGRIND)	N! 69902100	6009642958049	10	\$4.54	
150 (6")	E 150-7 PSF STEELOX	62015640	4007220641002	10	\$11.36	
180 (7")	E 180-7 PSF STEELOX	62017640	4007220640999	10	\$8.08	
230 (9")	E 230-7 PSF STEELOX	62023640	4007220640951	10	\$10.72	
Depressed Centre Grinding Wheels - GP - Stone						
100 (4")	E 100-6 C 24 PSF-STONE	69900117	4007220817056	25	\$2.92	
115 (4 ½")	E 115-6 C 24 PSF-STONE	69900118	4007220817063	25	\$3.69	
125 (5")	E 125-6 C 24 PSF-STONE	69900119	4007220817070	25	\$4.05	
230 (9")	E 230-6 C 24 PSF-STONE	69900121	4007220817094	10	\$11.09	

Grinding Wheels

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Grinding Wheels - Premium						
Depressed Centre Premium Grinding Wheels - Steel						
76 (3")	E 76-6 SG STEEL/10.0	62208626	4007220471081	10	\$11.09	 
100 (4")	E 100-4.1 SG STEEL/16.0	62210426	4007220471104	10	\$9.76	
Depressed Centre Premium Grinding Wheels - INOX						
125 (5")	E 125-4.1 SG INOX	62212423	4007220457689	10	\$9.74	  
125 (5")	E 125-7 SG INOX	62212623	4007220470251	10	\$7.47	
Depressed Centre Premium Grinding Wheels - Zirconia - Steel/Cast						
230 (9")	E 230-7 ZIRKON SG CAST + STEEL	62223628	4007220470459	10	\$25.00	 
115 (4 ½")	E 115-7 ZIRKON SGP STEEL	62211737	4007220640913	10	\$7.41	
125 (5")	E 125-7 ZIRKON SGP STEEL	62212737	4007220640920	10	\$8.31	 
230 (9")	E 230-7 ZIRKON SGP STEEL	69901573	4007220904459	10	\$21.99	
Depressed Centre Premium Grinding Wheels - Ceramic Comfort - Steel						
125 (5")	E 125-7 CERAMIC SG COMFORT STEEL	62101125	4007220104507	10	\$14.59	
Depressed Centre High-Performance Ceramic Grinding Wheels - Steel/INOX						
115 (4 ½")	E 115-7 CERAMIC SGP STEELOX	62211300	4007220007112	10	\$13.25	 
125 (5")	E 125-7 CERAMIC SGP STEELOX	62212300	4007220007129	10	\$14.59	
180 (7")	E 180-7 CERAMIC SGP STEELOX	62217300	4007220011690	10	\$22.13	 
230 (9")	E 230-7 CERAMIC SGP STEELOX	62218300	4007220019948	10	\$31.33	
Depressed Centre Premium Grinding Wheels - Aluminium						
115 (4 ½")	E 115-7 SG-ALU	62211622	4007220475393	10	\$7.81	 
125 (5")	E 125-7 SG-ALU	62212622	4007220475409	10	\$10.73	
180 (7")	E 180-7 SG-ALU	62217622	4007220475416	10	\$12.35	 
230 (9")	E 230-7 SG-ALU	62223700	4007220617793	10	\$20.22	
Ring Wheels - Steel, INOX & Cast Iron						
50	ER 50-10 SG STEEL+INOX+CAST	65305101	4007220165492	20	\$24.28	 
70	ER 70-10 SG STEEL+INOX+CAST	65307101	4007220165515	20	\$29.34	
Arbors for Ring Wheels						
3-10	BO 6/6 3-10	42400006	4007220297650	1	\$34.02	
6-20	BO 8/10 6-20	42400008	4007220297667	1	\$41.28	
Flared Cup Wheels - Steel/INOX						
80	50 ETT 80-8 A36 SG STEELOX	63417122	4007220698419	5	\$30.24	 
80	50 ETT 80-8 A80 SG STEELOX	63418702	4007220164785	5	\$30.24	
110	50 ETT 110-20 A16 SG STEELOX	63418222	4007220164730	2	\$42.90	 
125	50 ETT 125-25 A16 SG STEELOX/M14	63418402	4007220164747	2	\$82.07	
Flared Cup Wheels - Cast Iron+Stone						
110	50 ETT 110-20 C16 SG CAST+STONE	63518222	4007220164808	2	\$44.14	

Cut-Off Wheels

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Depressed Centre Grinding / Cut-Off Wheels - General Purpose						
DUODISC - Cut & Grind (2 in 1 - Steel/INOX)						
100 (4")	E 100-1.9 PSF DUO STEELOX	62010630	4007220845578	10	\$4.41	
115 (4 ½")	E 115-1.9 PSF DUO STEELOX	62011630	4007220835081	10	\$5.93	
125 (5")	E 125-1.9 PSF DUO STEELOX	62012630	4007220835098	10	\$5.93	
115 (4 ½")	E 115-2.8 PSF DUO STEELOX	62011620	4007220754498	10	\$4.69	
125 (5")	E 125-2.8 PSF DUO STEELOX	62012620	4007220754504	10	\$5.04	
180 (7")	E 180-3.5 PSF DUO STEELOX	62017420	4007220952764	10	\$9.07	
Cut-off Wheels - General Purpose						
Flat Cut-Off Wheels - General Purpose - Steel - Ultra Thin						
105 (4")	EHT 105-1.0 PSF STEEL	69121029	4007220976135	25	\$3.00	
115 (4 ½")	EHT 115-1.0 PSF STEEL	61730010	4007220560242	25	\$3.34	
115 (4 ½")	EHT 115-1.6 PSF STEEL	61730021	4007220538111	25	\$3.53	
125 (5")	EHT 125-1.0 PSF STEEL	61719010	4007220560259	25	\$3.34	
125 (5")	EHT 125-1.6 PSF STEEL	61719021	4007220538128	25	\$3.53	
150 (6")	EHT 150-1.6 PSF STEEL	61721221	4007220953341	25	\$4.86	
180 (7")	EHT 180-1.6 PSF STEEL	61719121	4007220581209	25	\$5.77	
230 (9")	EHT 230-1.9 PSF STEEL	61728231	4007220581339	25	\$7.81	
Flat Cut-Off Wheels - General Purpose - Steel						
100 (4")	EHT 100-2.4 PSF STEEL	61741116	4007220321256	25	\$3.04	
115 (4 ½")	EHT 115-2.4 PSF STEEL	61730026	4007220669174	25	\$3.48	
125 (5")	EHT 125-2.4 PSF STEEL	61719026	4007220669167	25	\$3.48	
150 (6")	EHT 150-3.0 PSF STEEL *	69901139	4007220550267	25	\$4.42	
180 (7")	EHT 180-3.0 PSF STEEL	61726222	4007220163474	25	\$5.10	
230 (9")	EHT 230-3.0 PSF STEEL	61728222	4007220163498	25	\$5.17	
Flat Cut-Off Wheels - General Purpose - Steel/INOX						
115 (4 ½")	EHT 115-2.4 PSF STEELOX	61730122	4007220523025	25	\$3.61	
125 (5")	EHT 125-2.4 PSF STEELOX	61721122	4007220523049	25	\$3.90	
180 (7")	EHT 180-2.5 PSF STEELOX	61726122	4007220523063	25	\$5.33	
230 (9")	EHT 230-2.5 PSF STEELOX	61728122	4007220523087	25	\$6.12	
Flat Cut-Off Wheels - General Purpose - ALU+Stone						
125 (5")	EHT 125-1.0 PSF ALU+STONE	61819010	4007220804278	25	\$4.44	
125 (5")	EHT 125-2.4 SG ALU+STONE	69902056	4007220662526	25	\$4.42	
180 (7")	EHT 180-3.2 PSF ALU+STONE	61826222	4007220163641	25	\$4.72	
230 (9")	EHT 230-3.2 PSF ALU+STONE	61828222	4007220163658	25	\$6.65	
Flat Cut-Off Wheels - Tradie Pack - General Purpose - STEEL/INOX - Ultra Thin						
125 (5")	EHT 125-1.0 PSF CLASSIC STEELOX PACK (10 PACK)	69902634	4007220218587	10	\$28.00	
Cut-Off Wheels - Premium						
Flat Cut-Off Wheels - Premium - Steel						
100 (4")	EHT 100-2.4 SG STEEL	61340116	4007220162590	25	\$3.48	
115 (4 ½")	EHT 115-2.4 SG STEEL	61340222	4007220162637	25	\$3.90	
125 (5")	EHT 125-2.4 SG STEEL	61321222	4007220162231	25	\$4.05	
230 (9")	EHT 230-3.2 SG STEEL	61328222	4007220162422	25	\$7.91	
Flat Cut-Off Wheels - Premium - Steel/INOX						
115 (4 ½")	EHT 115-2.4 SG STEELOX	61340432	4007220522851	25	\$3.90	
125 (5")	EHT 125-2.4 SG STEELOX	61331432	4007220522875	25	\$4.05	
180 (7")	EHT 180-2.5 SG STEELOX	61326422	4007220162378	25	\$6.29	
230 (9")	EHT 230-2.5 SG STEELOX	61328422	4007220162446	25	\$9.14	

* Discontinued - Available Only While Stocks Last



Cut-Off Wheels

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Cut-Off Wheels - Premium (continued)						
Flat Cut-Off Wheels - Premium - Aluminium						
115 (4 ½")	EHT 115-2.4 SG ALU	61340550	4007220617892	25	\$5.24	
125 (5")	EHT 125-2.4 SG ALU	61331550	4007220617786	25	\$5.24	
180 (7")	EHT 180-2.9 SG ALU	61326323	4007220538487	25	\$7.47	
230 (9")	EHT 230-2.9 SG ALU	61328323	4007220538524	25	\$11.95	
Flat Cut-Off Wheels - Premium - Aluminium - Ultra Thin						
105 (4")	EHT 105-1.0 SG ALU	61339430	4007220885222	25	\$4.18	
115 (4 ½")	EHT 115-1.0 SG ALU	61340415	4007220804964	25	\$4.96	
115 (4 ½")	EHT 115-1.6 SG ALU	61340425	4007220804988	25	\$4.96	
125 (5")	EHT 125-1.0 SG ALU	61341115	4007220804995	25	\$5.21	
125 (5")	EHT 125-1.6 SG ALU	61341225	4007220805008	25	\$5.21	
180 (7")	EHT 180-1.6 SG ALU	61326119	4007220805015	25	\$6.32	
Small Diameter Cut-Off Wheels - Premium - Steel/INOX						
30	EHT 30-1.0 SG STEELOX/6.0	65503010	4007220165621	50	\$5.24	
30	EHT 30-1.4 SG STEELOX/6.0	65503020	4007220165638	50	\$5.24	
40	EHT 40-1.0 SG STEELOX/6.0	65504010	4007220165645	50	\$5.53	
40	EHT 40-2.0 SG STEELOX/6.0	65504020	4007220165652	50	\$6.43	
50	EHT 50-1.0 SG STEELOX/6.0	*	65505000	50	\$6.43	
50	EHT 50-1.4 SG STEELOX/6.0	65505010	4007220165676	50	\$6.43	
50	EHT 50-2.0 SG STEELOX/6.0	65505020	4007220165683	50	\$6.43	
50	EHT 50-3.0 SG STEELOX/6.0	65505030	4007220165690	50	\$7.77	
65	EHT 65-1.0 SG STEELOX/6.0	*	65506000	50	\$6.92	
65	EHT 65-1.0 SG STEELOX/10.0	65506001	4007220165713	50	\$6.92	
65	EHT 65-1.4 SG STEELOX/10.0	65506011	4007220165720	50	\$6.92	
65	EHT 65-2.0 SG STEELOX/10.0	65506021	4007220165737	50	\$6.92	
70	EHT 70-1.0 SG STEELOX/10.0	65507001	4007220165751	50	\$6.92	
70	EHT 70-2.0 SG STEELOX/10.0	65507021	4007220165775	50	\$6.92	
76	EHT 76-1.0 SG STEELOX/6.0	65508000	4007220165812	50	\$8.28	
76	EHT 76-1.0 SG STEELOX/10.0	*	65508001	50	\$8.28	
76	EHT 76-0.8 SG STEELOX/6.0	65508009	4007220849217	50	\$7.46	
76	EHT 76-0.8 SG STEELOX/10.0	65508008	4007220849200	50	\$7.46	
76	EHT 76-2.0 SG STEELOX/10.0	65508021	4007220165843	50	\$8.60	
Small Diameter Cut-Off Wheels - Premium - Steel/INOX (POS)						
50	EHT 50-1.0 SG STEELOX/6.0 (5 PACK)	69900189	4007220144138	1	\$36.63	
65	EHT 65-1.0 SG STEELOX/6.0 (5 PACK)	69900191	4007220217047	1	\$32.46	
76	EHT 76-1.0 SG STEELOX/10.0 (5 PACK)	69900190	4007220144145	1	\$43.11	
Arbors for Small Diameter Cut-Off Wheels						
0-4	BO 6/6 0-4 (6mm Shank, 6mm Hole)	33510000	4007220219119	1	\$36.64	
0-4	BO 6.35/6 0-4 (1/4" Shank, 6mm Hole)	33511000	4007220219126	1	\$36.64	
0-4	BO 6/10 0-4 (6mm Shank, 10mm Hole)	33512000	4007220219140	1	\$36.64	
0-4	BO 6.35/10 0-4 (1/4" Shank, 10mm Hole)	33513000	4007220219133	1	\$36.64	
Flat Cut-Off Wheels - Premium - INOX/STEELOX - Ultra Thin - For Stainless Sheet Cutting						
105 (4")	EHT 105-0.8 SGP STEELOX	61330008	4007220953464	25	\$4.68	
115 (4 ½")	EHT 115-0.8 SG INOX	61340396	4007220095751	25	\$4.68	
115 (4 ½")	EHT 115-1.0 SG INOX	61340416	4007220095799	25	\$4.11	
115 (4 ½")	EHT 115-1.6 SG INOX	61340424	4007220095805	25	\$4.11	
125 (5")	EHT 125-0.8 SG INOX	61341096	4007220095812	25	\$4.99	
125 (5")	EHT 125-1.0 SG INOX	61341116	4007220095829	25	\$4.27	
125 (5")	EHT 125-1.6 SG INOX	61341124	4007220095898	25	\$4.27	
150 (6")	EHT 150-1.6 SG INOX	61342124	4007220095904	25	\$6.80	
180 (7")	EHT 180-2.5 SG INOX	61326423	4007220096208	25	\$8.40	
230 (9")	EHT 230-1.9 SG INOX	61328124	4007220095942	25	\$6.29	
230 (9")	EHT 230-2.5 SG INOX	61328423	4007220096215	25	\$9.14	

* Point-Of-Sale Packaging available

Cut-Off Wheels

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Cut-Off Wheels - Premium (continued)						
Flat Cut-Off Wheels - Premium - Steel/INOX - Ultra Thin						
105 (4")	EHT 105-1.0 SG STEELOX	69121043	4007220039755	25	\$3.77	
115 (4 1/2")	EHT 115-1.0 SG STEELOX	61340412	4007220499702	25	\$4.11	
125 (5")	EHT 125-1.0 SG STEELOX	61341112	4007220499733	25	\$4.27	
125 (5")	EHT 125-1.0 SG STEELOX (100 BLOCK PK)	75650801	9324922021815	1	\$427.00	
115 (4 1/2")	EHT 115-1.6 SG STEELOX	61340422	4007220355442	25	\$4.11	
125 (5")	EHT 125-1.6 SG STEELOX	61341122	4007220355459	25	\$4.27	
150 (6")	EHT 150-1.6 SG STEELOX	61342122	4007220581179	25	\$6.80	
180 (7")	EHT 180-1.6 SGP STEELOX	61343122	4007220357873	25	\$6.70	
230 (9")	EHT 230-1.9 SGP STEELOX	61328702	4007220522776	25	\$11.07	
230 (9")	EHT 230-1.9 SG STEELOX	61328430	4007220807736	25	\$8.40	
Flat Cut-Off Wheels - CERAMIC High-Performance - Steel - Ultra Thin						
125 (5")	EHT 125-1.0 CERAMIC SGP STEEL	61312510	4007220103920	25	\$4.81	
125 (5")	EHT 125-1.6 CERAMIC SGP STEEL	61312516	4007220103937	25	\$5.08	
Raised Hub Cut-Off Wheels - General Purpose						
Raised Hub Cut-Off Wheels - General Purpose - Steel						
100 (4")	EH 100-2.4 PSF STEEL	61739116	4007220163511	25	\$3.25	
115 (4 1/2")	EH 115-2.4 PSF STEEL	61740122	4007220163528	25	\$3.61	
125 (5")	EH 125-2.4 PSF STEEL	61720222	4007220163429	25	\$3.90	
125 (5")	EH 125-3.2 PSF STEEL	61720226	4007220523001	25	\$3.99	
180 (7")	EH 180-3.0 PSF STEEL	61723222	4007220163436	25	\$5.37	
230 (9")	EH 230-3.0 PSF STEEL	61724222	4007220163450	25	\$6.12	
Raised Hub Cut-Off Wheels - Premium						
Raised Hub Cut-Off Wheels - Premium - Steel						
100 (4")	EH 100-2.4 SG STEEL	61339116	4007220162576	25	\$4.73	
125 (5")	EH 125-2.4 SG STEEL	61320222	4007220162217	25	\$4.05	
180 (7")	EH 180-3.2 SG STEEL	61323222	4007220162262	25	\$6.12	
230 (9")	EH 230-3.2 SG STEEL	61324222	4007220162309	25	\$8.40	
Raised Hub Cut-Off Wheels - Premium Pipe Notching - Steel/INOX						
125 (5")	EH 125-3.2 SG Notching STEELOX	69900064	4007220790861	20	\$5.10	
Raised Hub Cut-Off Wheels - Premium - Steel/INOX						
100 (4")	EH 100-2.4 SG STEELOX	69901433	4007220704752	25	\$3.90	
115 (4 1/2")	EH 115-2.4 SG STEELOX	61340123	4007220162613	25	\$4.05	
125 (5")	EH 125-2.4 SG STEELOX	61341222	4007220162651	25	\$4.58	
180 (7")	EH 180-2.5 SG STEELOX	61323223	4007220162279	25	\$7.09	
230 (9")	EH 230-2.5 SG STEELOX	61324223	4007220162316	25	\$9.33	
Raised Hub Cut-Off Wheel - Premium - Cast+ALU						
230 (9")	EH 230-3.2 SG CAST+ALU	61324802	4007220522929	25	\$10.12	

6



Flexible Discs & POLIFAN Flap Discs

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Flexible Grinding Discs						
Flexible AC Blending Discs - (For use with Support Pad)						
General Purpose - PSF - Steel/INOX						
- Each box supplied with two support pads						
100 (4")	FD 100-3 AC 36 H PSF FLEX	62051036	4007220724101	20	\$3.90	
100 (4")	FD 100-3 AC 46 H PSF FLEX	62051046	4007220724118	20	\$3.90	
100 (4")	FD 100-3 AC 60 H PSF FLEX	62051060	4007220724125	20	\$3.90	
115 (4 ½")	FD 115-3 AC 36 H PSF FLEX *	62051136	4007220724132	25	\$4.97	
115 (4 ½")	FD 115-3 AC 46 H PSF FLEX *	62051146	4007220724149	25	\$4.97	
125 (5")	FD 125-3 AC 36 H PSF FLEX	62051236	4007220724163	25	\$5.37	
125 (5")	FD 125-3 AC 46 H PSF FLEX	62051246	4007220724170	25	\$5.37	
125 (5")	FD 125-3 AC 60 H PSF FLEX	62051260	4007220724187	25	\$5.37	
180 (7")	FD 180-3 AC 36 H PSF FLEX	62051836	4007220724194	25	\$7.02	
180 (7")	FD 180-3 AC 46 H PSF FLEX	62051846	4007220724200	25	\$7.02	
180 (7")	FD 180-3 AC 60 H PSF FLEX *	62051860	4007220724217	25	\$7.02	
SUPERFLEX Flexible Discs (Semi-Flexible Type Discs) 100mm - Fibre Backed, all others fibre glass backed.						
100 (4")	SUPERFLEX FLEX DISCS 100 x C16	75600558	9324922019621	5	\$5.49	
100 (4")	SUPERFLEX FLEX DISCS 100 x C24	75600559	9324922019638	5	\$5.49	
100 (4")	SUPERFLEX FLEX DISCS 100 x C36	75640076	9324922019720	5	\$5.49	
115 (4 ½")	SUPERFLEX SPECIAL DISCS 115 x C16	75600560	9324922019645	5	\$6.88	
115 (4 ½")	SUPERFLEX SPECIAL DISCS 115 x C24	75600561	9324922019652	5	\$6.88	
115 (4 ½")	SUPERFLEX SPECIAL DISCS 115 x C36	75640077	9324922019614	5	\$6.88	
127 (5")	SUPERFLEX SPECIAL DISCS 127 x C16	75600562	9324922019669	5	\$8.29	
127 (5")	SUPERFLEX SPECIAL DISCS 127 x C24	75600563	9324922019676	5	\$8.29	
127 (5")	SUPERFLEX SPECIAL DISCS 127 x C36	75600564	9324922019683	5	\$8.29	
180 (7")	SUPERFLEX SPECIAL DISCS 180 x C16	75600565	9324922019690	5	\$11.09	
180 (7")	SUPERFLEX SPECIAL DISCS 180 x C24	75600566	9324922019706	5	\$11.09	
180 (7")	SUPERFLEX SPECIAL DISCS 180 x C36	75600567	9324922019713	5	\$11.09	
POLIFAN - Flap Discs						
General Purpose PSF Aluminium Oxide -Steel/INOX						
115 (4 ½")	PFC 115 A 40 PSF STEELOX	67744115	4007220444559	10	\$12.03	
115 (4 ½")	PFC 115 A 60 PSF STEELOX	67746115	4007220444566	10	\$12.03	
115 (4 ½")	PFC 115 A 80 PSF STEELOX	67748115	4007220444573	10	\$12.03	
115 (4 ½")	PFC 115 A 120 PSF STEELOX	67749115	4007220444580	10	\$12.03	
125 (5")	PFC 125 A 40 PSF STEELOX	67744125	4007220444603	10	\$13.20	
125 (5")	PFC 125 A 60 PSF STEELOX	67746125	4007220444610	10	\$13.20	
125 (5")	PFC 125 A 80 PSF STEELOX	67748125	4007220444627	10	\$13.20	
125 (5")	PFC 125 A 120 PSF STEELOX	67749125	4007220444634	10	\$13.20	
180 (7")	PFC 180 A 40 PSF STEELOX	67744185	4007220444689	10	\$18.98	
180 (7")	PFC 180 A 60 PSF STEELOX	67746185	4007220444696	10	\$18.98	
General Purpose PSF Zirconia - Steel/INOX						
100 (4")	PFC 100 Z 40 PSF STEELOX	67764100	4007220953273	10	\$12.03	
100 (4")	PFC 100 Z 60 PSF STEELOX	67766100	4007220953280	10	\$12.03	
100 (4")	PFC 100 Z 80 PSF STEELOX	67768100	4007220953297	10	\$12.03	
100 (4")	PFC 100 Z 120 PSF STEELOX	67769100	4007220953303	10	\$12.03	
115 (4 ½")	PFC 115 Z 40 PSF STEELOX	67770114	4007220096307	10	\$12.03	
115 (4 ½")	PFC 115 Z 60 PSF STEELOX	67770116	4007220096383	10	\$12.03	
115 (4 ½")	PFC 115 Z 80 PSF STEELOX	67770118	4007220096390	10	\$12.03	
115 (4 ½")	PFC 115 Z 120 PSF STEELOX	67769115	4007220934203	10	\$12.03	
125 (5")	PFC 125 Z 40 PSF STEELOX	67770124	4007220096437	10	\$13.20	
125 (5")	PFC 125 Z 60 PSF STEELOX	67770126	4007220096499	10	\$13.20	
125 (5")	PFC 125 Z 80 PSF STEELOX	67770128	4007220096635	10	\$13.20	
125 (5")	PFC 125 Z 120 PSF STEELOX	67769125	4007220934210	10	\$13.20	
180 (7")	PFC 180 Z 40 PSF STEELOX	67770184	4007220096710	10	\$18.98	
180 (7")	PFC 180 Z 60 PSF STEELOX	67770186	4007220096765	10	\$18.98	
180 (7")	PFC 180 Z 80 PSF STEELOX	67768185	4007220934227	10	\$18.98	
180 (7")	PFC 180 Z 120 PSF STEELOX	67769185	4007220934234	10	\$18.98	

* Discontinued - Available Only While Stocks Last

POLIFAN Flap Discs

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POLIFAN - Flap Discs (continued)						
Premium SG - Aluminium Oxide - Steel/INOX						
100 (4")	PFF 100 A 40 SG STEELOX	67604100	4007220262719	10	\$14.79	
100 (4")	PFF 100 A 60 SG STEELOX	67606100	4007220262733	10	\$14.79	
100 (4")	PFF 100 A 80 SG STEELOX	67608100	4007220262740	10	\$14.79	
100 (4")	PFF 100 A 120 SG STEELOX	67612100	4007220262757	10	\$14.79	
115 (4 ½")	PFC 115 A 40 SG STEELOX	67704115	4007220167809	10	\$15.95	
115 (4 ½")	PFC 115 A 60 SG STEELOX	67706115	4007220167830	10	\$15.95	
115 (4 ½")	PFC 115 A 80 SG STEELOX	67708115	4007220167861	10	\$15.95	
115 (4 ½")	PFC 115 A 120 SG STEELOX	67712115	4007220167892	10	\$15.95	
125 (5")	PFC 125 A 40 SG STEELOX	67704125	4007220167816	10	\$17.22	
125 (5")	PFC 125 A 60 SG STEELOX	67706125	4007220167847	10	\$17.22	
125 (5")	PFC 125 A 80 SG STEELOX	67708125	4007220167878	10	\$17.22	
125 (5")	PFC 125 A 120 SG STEELOX	67712125	4007220167908	10	\$17.22	
180 (7")	PFC 180 A 24 SG STEELOX	67702185	4007220167793	10	\$22.95	
180 (7")	PFC 180 A 40 SG STEELOX	67704185	4007220167823	10	\$22.95	
180 (7")	PFC 180 A 60 SG STEELOX	67706185	4007220167854	10	\$22.95	
180 (7")	PFC 180 A 80 SG STEELOX	67708185	4007220167885	10	\$22.95	
180 (7")	PFC 180 A 120 SG STEELOX	67712185	4007220167915	10	\$22.95	
Premium SG - Zirconia POWER - Steel/INOX						
115 (4 ½")	PFC 115 Z 40 SG POWER STEELOX	67784115	4007220167922	10	\$15.95	
115 (4 ½")	PFC 115 Z 60 SG POWER STEELOX	67786115	4007220167953	10	\$15.95	
115 (4 ½")	PFC 115 Z 80 SG POWER STEELOX	67788116	4007220934241	10	\$15.95	
125 (5")	PFC 125 Z 40 SG POWER STEELOX	67784125	4007220167939	10	\$17.22	
125 (5")	PFC 125 Z 60 SG POWER STEELOX	67786125	4007220167960	10	\$17.22	
125 (5")	PFC 125 Z 80 SG POWER STEELOX	67788126	4007220934265	10	\$17.22	
180 (7")	PFC 180 Z 40 SG POWER STEELOX	67784185	4007220167946	10	\$26.79	
180 (7")	PFC 180 Z 60 SG POWER STEELOX	67786185	4007220167977	10	\$26.79	
Premium SG - COOL - Aluminium Oxide Top Size - INOX+ALU - For Stainless Steel & Aluminium						
100 (4")	PFF 100 A-COOL 40 SG INOX+ALU	67654100	4007220262764	10	\$16.11	
100 (4")	PFF 100 A-COOL 60 SG INOX+ALU	67656100	4007220262771	10	\$16.11	
100 (4")	PFF 100 A-COOL 80 SG INOX+ALU	67658100	4007220262788	10	\$16.11	
115 (4 ½")	PFC 115 A-COOL 40 SG INOX+ALU	67754115	4007220232880	10	\$17.85	
115 (4 ½")	PFC 115 A-COOL 60 SG INOX+ALU	67756115	4007220232897	10	\$17.85	
115 (4 ½")	PFC 115 A-COOL 80 SG INOX+ALU	67758115	4007220232903	10	\$17.85	
125 (5")	PFC 125 A-COOL 40 SG INOX+ALU	67754125	4007220232927	10	\$19.14	
125 (5")	PFC 125 A-COOL 60 SG INOX+ALU	67756125	4007220232941	10	\$19.14	
125 (5")	PFC 125 A-COOL 80 SG INOX+ALU	67758125	4007220232965	10	\$19.14	
180 (7")	PFC 180 A-COOL 40 SG INOX+ALU	67754185	4007220232972	10	\$26.79	
180 (7")	PFC 180 A-COOL 60 SG INOX+ALU	67756185	4007220232996	10	\$26.79	
Premium SG - CO-FREEZE - INOX - No heat discolouration, maximum aggressiveness						
125 (5")	PFC 125 CO-FREEZE 36 SG INOX	67712536	4007220104132	10	\$19.47	
125 (5")	PFC 125 CO-FREEZE 50 SG INOX	67712550	4007220104149	10	\$19.47	
125 (5")	PFC 125 CO-FREEZE 80 SG INOX	67712580	4007220104156	10	\$19.47	
Premium SG - CO-COOL Ceramic - Steel/INOX - For hard to grind materials						
115 (4 ½")	PFC 115 CO-COOL 40 SG STEELOX	67760415	4007220725443	10	\$18.09	
125 (5")	PFC 125 CO-COOL 40 SG STEELOX	67760425	4007220725467	10	\$20.03	
125 (5")	PFC 125 CO-COOL 60 SG STEELOX	67760625	4007220793176	10	\$20.03	
180 (7")	PFC 180 CO-COOL 40 SG STEELOX	67760485	4007220725481	10	\$34.12	



POLIFAN Flap Discs

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POLIFAN Flap Discs (continued)						
High Performance SGP STRONG - Steel - Extremely long wheel life, very high stock removal.						
115 (4 ½")	PFC 115 Z 36 SGP STRONG STEEL	67788015	4007220777862	10	\$28.72	
115 (4 ½")	PFC 115 Z 50 SGP STRONG STEEL	67788115	4007220777879	10	\$28.72	
125 (5")	PFC 125 Z 36 SGP STRONG STEEL	67788025	4007220777886	10	\$30.29	
125 (5")	PFC 125 Z 50 SGP STRONG STEEL	67788125	4007220777893	10	\$30.29	
180 (7")	PFC 180 Z 36 SGP STRONG STEEL	67788080	4007220827468	10	\$51.91	
180 (7")	PFC 180 Z 50 SGP STRONG STEEL	67788180	4007220827482	10	\$51.91	
High Performance SGP STRONG - FREEZE - INOX - Up to 6 times the disc life with double the removal rate of standard zirconia flap discs - Consistent highly-abrasive quality right up to last of the abrasive grain - Largest possible stock removal on steel - Extremely long tool life						
125 (5")	PFC 125 CO FREEZE 36 SGP STRONG INOX	67789025	4007220835319	10	\$36.66	
125 (5")	PFC 125 CO FREEZE 50 SGP STRONG INOX	67789125	4007220835326	10	\$36.66	
High Performance SGP CURVE - Steel/INOX/ALU - High stock removal rate saves time & money - Outstanding tool life when working on fillet welds - Precise and optimum grinding of the fillet weld geometry						
115 (4 ½")	PFR 115 M Z 40 SGP-CURVE STEELOX	67689032	4007220821671	10	\$18.45	
115 (4 ½")	PFR 115 L Z 40 SGP-CURVE STEELOX	67689042	4007220821695	10	\$18.45	
125 (5")	PFR 125 M Z 40 SGP-CURVE STEELOX	67689052	4007220790151	10	\$19.37	
125 (5")	PFR 125 L Z 40 SGP-CURVE STEELOX	67689062	4007220790175	10	\$19.37	
180 (7")	PFR 180 L Z 40 SGP-CURVE STEELOX	67689095	4007220881248	10	\$26.39	
115 (4 ½")	PFR 115 M CO 60 SGP-CURVE STEELOX	67689036	4007220827444	10	\$20.90	
115 (4 ½")	PFR 115 L CO 60 SGP-CURVE STEELOX	67689046	4007220827451	10	\$20.90	
125 (5")	PFR 125 M CO 60 SGP-CURVE STEELOX	67689056	4007220790168	10	\$21.02	
125 (5")	PFR 125 L CO 60 SGP-CURVE STEELOX	67689066	4007220790182	10	\$21.02	
115 (4 ½")	PFR 115 L A 40 SGP-CURVE ALU	67689048	4007220851968	10	\$19.85	
125 (5")	PFR 125 L A 40 SGP-CURVE ALU	67689068	4007220851975	10	\$19.85	
Resin Fibre Discs						
Resin Fibre Discs - Aluminium Oxide - cross slotted unless marked						
100 (4")	FS 100-16 A 16 *	69400019	4007220820735	25	\$1.22	
100 (4")	FS 100-16 A 24 *	69401016	4007220228012	25	\$1.22	
100 (4")	FS 100-16 A 36 *	69401015	4007220227442	25	\$1.22	
100 (4")	FS 100-16 A 60 *	69401023	4007220228319	25	\$1.06	
100 (4")	FS 100-16 A 80 *	69401024	4007220228326	25	\$1.06	
100 (4")	FS 100-16 A 120 *	69401067	4007220306444	25	\$1.06	
115 (4 ½")	FS 115-22 A 24	64102111	4007220164952	25	\$1.39	
115 (4 ½")	FS 115-22 A 36	64103111	4007220165003	25	\$1.39	
115 (4 ½")	FS 115-22 A 60	64106111	4007220165058	25	\$1.22	
115 (4 ½")	FS 115-22 A 80	64108111	4007220165102	25	\$1.22	
115 (4 ½")	FS 115-22 A 120	64112111	4007220500934	25	\$1.22	
125 (5")	FS 125-22 A 16	64101125	4007220164921	25	\$1.82	
125 (5")	FS 125-22 A 24	64102125	4007220164969	25	\$1.60	
125 (5")	FS 125-22 A 36	64103125	4007220165010	25	\$1.60	
125 (5")	FS 125-22 A 60	64106125	4007220165065	25	\$1.32	
125 (5")	FS 125-22 A 80	64108125	4007220165119	25	\$1.32	
125 (5")	FS 125-22 A 120	64112125	4007220500941	25	\$1.32	
180 (7")	FS 180-22 A 16 *	69401029	4007220230626	25	\$3.59	
180 (7")	FS 180-22 A 24 *	69401004	4007220224526	25	\$2.95	
180 (7")	FS 180-22 A 36 *	69401005	4007220224533	25	\$2.51	
180 (7")	FS 180-22 A 60 *	69401001	4007220224496	25	\$2.31	
180 (7")	FS 180-22 A 80 *	69401006	4007220224540	25	\$2.31	
180 (7")	FS 180-22 A 120 *	69401003	4007220224519	25	\$2.31	

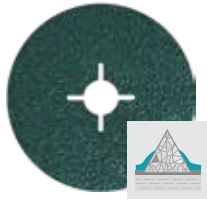
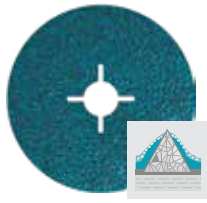
* unslotted

Fibre Discs

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Resin Fibre Discs (continued)						
Resin Fibre Discs - Aluminium Oxide A-COOL (KF808) INOX/Aluminium - cross slotted unless marked						
100 (4")	FS 100-16 A-COOL 36 *	75482697	9324922020542	25	\$1.35	  
100 (4")	FS 100-16 A-COOL 60 *	75482698	9324922020559	25	\$1.19	
100 (4")	FS 100-16 A-COOL 80 *	75482699	9324922020566	25	\$1.13	
100 (4")	FS 100-16 A-COOL 120 *	75482700	9324922020573	25	\$1.13	
125 (5")	FS 125-22 A-COOL 36	75450112	9324922020580	25	\$1.89	
125 (5")	FS 125-22 A-COOL 60	64126125	4007220696439	25	\$1.51	
125 (5")	FS 125-22 A-COOL 80	64128125	4007220696446	25	\$1.47	
125 (5")	FS 125-22 A-COOL 120	64132125	4007220696460	25	\$1.47	
Resin Fibre Discs - Zirconia - cross slotted unless marked						
100 (4")	FS 100-16 Z 24 *	69400014	4007220820681	25	\$1.80	  
100 (4")	FS 100-16 Z 36 *	69400016	4007220820704	25	\$1.52	
100 (4")	FS 100-16 Z 60 *	69400017	4007220820711	25	\$1.22	
100 (4")	FS 100-16 Z 80 *	69400018	4007220820728	25	\$1.22	
100 (4")	FS 100-16 Z 120 *	69400015	4007220820698	25	\$1.22	
115 (4 ½")	FS 115-22 Z 24	64202111	4007220216569	25	\$2.13	
115 (4 ½")	FS 115-22 Z 36	64203111	4007220216576	25	\$1.86	
115 (4 ½")	FS 115-22 Z 60	64206111	4007220216590	25	\$1.52	
115 (4 ½")	FS 115-22 Z 80	64208111	4007220216606	25	\$1.52	
115 (4 ½")	FS 115-22 Z 120	64212111	4007220696613	25	\$1.52	
125 (5")	FS 125-22 Z 24	64202125	4007220216613	25	\$2.57	
125 (5")	FS 125-22 Z 36	64203125	4007220216620	25	\$2.15	
125 (5")	FS 125-22 Z 60	64206125	4007220216644	25	\$1.70	
125 (5")	FS 125-22 Z 80	64208125	4007220216651	25	\$1.70	
125 (5")	FS 125-22 Z 120	64212125	4007220696637	25	\$1.70	
180 (7")	FS 180-22 Z 24 *	69401147	4007220459263	25	\$4.85	
180 (7")	FS 180-22 Z 36 *	69401048	4007220250204	25	\$3.47	
180 (7")	FS 180-22 Z 60 *	69401073	4007220311790	25	\$5.40	
180 (7")	FS 180-22 Z 80 *	69401149	4007220489574	25	\$3.47	
180 (7")	FS 180-22 Z 120 *	69401489	4007220720875	25	\$3.47	
Resin Fibre Discs - Ceramic-PLUS - High stock removal, cooler cut and longer life						
125 (5")	FS 125-22 CO PLUS 20	75470924	9324922017610	25	\$5.09	  
125 (5")	FS 125-22 CO PLUS 24	75470925	9324922017627	25	\$5.09	
180 (7")	FS 180-22 CO PLUS 24	N! 75480874	4018875435892	25	\$10.68	
For more information on Ceramic-PLUS Fibre Discs, please ask customer service or your sales representative for a fact sheet.						
Resin Fibre Discs - Ceramic-COOL - cross slotted unless marked						
100 (4")	FS 100-16 CO COOL 36 *	69401553	4007220832998	25	\$3.89	  
100 (4")	FS 100-16 CO COOL 60 *	69401555	4007220833018	25	\$2.63	
100 (4")	FS 100-16 CO COOL 80 *	69401556	4007220833025	25	\$2.39	
100 (4")	FS 100-16 CO COOL 120 *	69401584	4007220908129	25	\$2.39	
115 (4 ½")	FS 115-22 CO-COOL 36	64173111	4007220696897	25	\$4.44	
115 (4 ½")	FS 115-22 CO-COOL 60	64176111	4007220696910	25	\$3.89	
115 (4 ½")	FS 115-22 CO-COOL 80	64178111	4007220696927	25	\$3.51	
115 (4 ½")	FS 115-22 CO-COOL 120	64182111	4007220696941	25	\$3.10	
125 (5")	FS 125-22 CO-COOL 36	64173125	4007220696965	25	\$4.82	
125 (5")	FS 125-22 CO-COOL 60	64176125	4007220696989	25	\$3.51	
125 (5")	FS 125-22 CO-COOL 80	64178125	4007220696996	25	\$3.10	
125 (5")	FS 125-22 CO-COOL 100	64180125	4007220697009	25	\$2.99	
125 (5")	FS 125-22 CO-COOL 120	64182125	4007220697016	25	\$2.99	
180 (7")	FS 180-22 CO-COOL 36 *	64173175	4007220697030	25	\$9.36	
180 (7")	FS 180-22 CO-COOL 60 *	64176175	4007220697054	25	\$6.76	
180 (7")	FS 180-22 CO-COOL 80 *	64178175	4007220697061	25	\$6.24	
180 (7")	FS 180-22 CO-COOL 120 *	64182175	4007220697085	25	\$6.24	

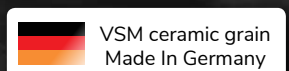


Fibre Discs & Backing Pads

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Resin Fibre Discs (continued)						
Resin Fibre Discs - ACTIROX - STEEL - Maximum stock removal rate on steel						
115 (4 ½")	AF 799 115x22 #36 ACTIROX	75485210	4018875878620	50	\$5.10	
115 (4 ½")	AF 799 115x22 #60 ACTIROX	N!	Coming soon!			
115 (4 ½")	AF 799 115x22 #80 ACTIROX	N!	Coming soon!			
125 (5")	AF 799 125x22 #36 ACTIROX	75485211	4018875878637	50	\$5.10	
125 (5")	AF 799 125x22 #60 ACTIROX	N!	Coming soon!			
125 (5")	AF 799 125x22 #80 ACTIROX	N!	Coming soon!			
180 (7")	AF 799 180x22 #36 ACTIROX *	75485355	4018875862841	50	\$10.80	
180 (7")	AF 799 180x22 #60 ACTIROX *	N!	Coming soon!			
180 (7")	AF 799 180x22 #80 ACTIROX *	N!	Coming soon!			
Resin Fibre Discs - ACTIROX - STAINLESS STEEL - Maximum stock removal rate on stainless steel & steel						
115 (4 ½")	AF 890 115x22 #36 ACTIROX	75482500	4018875091579	50	\$5.10	
115 (4 ½")	AF 890 115x22 #60 ACTIROX	N!	Coming soon!			
115 (4 ½")	AF 890 115x22 #80 ACTIROX	N!	Coming soon!			
125 (5")	AF 890 125x22 #36 ACTIROX	75482476	4018875091586	50	\$5.10	
125 (5")	AF 890 125x22 #60 ACTIROX	N!	Coming soon!			
125 (5")	AF 890 125x22 #80 ACTIROX	N!	Coming soon!			
180 (7")	AF 890 180x22 #36 ACTIROX *	75485187	4018875103357	50	\$11.70	
180 (7")	AF 890 180x22 #60 ACTIROX *	N!	Coming soon!			
180 (7")	AF 890 180x22 #80 ACTIROX *	N!	Coming soon!			
For more information on ACTIROX fibre discs, please contact customer service or your sales representative.						

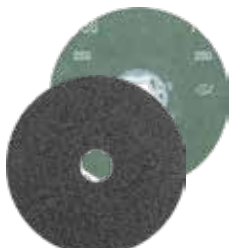
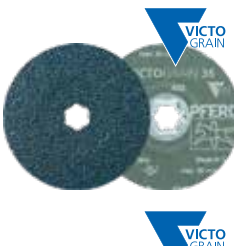
ACTIROX METAL GRINDING FIBRE DISC

- Unique ceramic grain
- Heavy metal grinding
- High performance backing pad improves results
- Suits high powered angle grinders
- Apply less pressure



Fibre Discs - Backing Pads						
Backing Pads (General Purpose)						
100 (4")	GT 100 MF M10 x 1.5	47600050	4007220818312	1	\$13.51	
115 (4 ½")	GT 115 MF M14	44890030	4007220668054	1	\$16.11	
125 (5")	GT 125 MF M14	44890040	4007220668061	1	\$17.67	
180 (7")	GT 180 MF M14	44890060	4007220668085	1	\$31.19	
						
Backing Pads (High Performance)						
100 (4")	H-GT 100 M10 x 1.5	47600048	4007220818299	1	\$26.35	
115 (4 ½")	H-GT 115 M14	44890080	4007220668115	1	\$27.75	
125 (5")	H-GT 125 M14	44890090	4007220668122	1	\$32.74	
180 (7")	H-GT 180 M14	44890100	4007220668139	1	\$48.34	
						
Backing Pads (High Temperature)						
115 (4 ½")	HT-GT115 MF M14	44890200	4007220032398	1	\$33.36	
125 (5")	HT-GT125 MF M14	44890210	4007220032404	1	\$39.30	
180 (7")	HT-GT180 MF M14	44890220	4007220032381	1	\$54.58	

COMBICLICK

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
COMBICLICK - Fibre Discs							
COMBICLICK - Aluminium Oxide Fibre Discs							
100 (4")	CC-FS 100 A 36	64189001	4007220836095	25	\$4.96		
100 (4")	CC-FS 100 A 60	64189003	4007220836118	25	\$3.64		
100 (4")	CC-FS 100 A 80	64189004	4007220836125	25	\$3.25		
100 (4")	CC-FS 100 A 120	64189005	4007220836132	25	\$3.25		
115 (4 ½")	CC-FS 115 A 36	64190003	4007220763186	25	\$5.34		
115 (4 ½")	CC-FS 115 A 60	64190006	4007220763209	25	\$4.18		
115 (4 ½")	CC-FS 115 A 80	64190008	4007220763216	25	\$3.91		
115 (4 ½")	CC-FS 115 A 120	64190012	4007220763223	25	\$3.91		
125 (5")	CC-FS 125 A 36	64190103	4007220721995	25	\$6.00		
125 (5")	CC-FS 125 A 60	64190106	4007220722039	25	\$4.91		
125 (5")	CC-FS 125 A 80	64190108	4007220722060	25	\$4.91		
125 (5")	CC-FS 125 A 120	64190112	4007220722077	25	\$4.91		
COMBICLICK - Aluminium Oxide A-COOL Fibre Discs							
115 (4 ½")	CC-FS 115 A-COOL 80	64191008	4007220722190	25	\$4.91		
115 (4 ½")	CC-FS 115 A-COOL 120	64191012	4007220722213	25	\$4.91		
115 (4 ½")	CC-FS 115 A-COOL 220	64191022	4007220722244	25	\$4.91		
125 (5")	CC-FS 125 A-COOL 50	64191105	4007220722251	25	\$5.87		
125 (5")	CC-FS 125 A-COOL 60	64191106	4007220722275	25	\$5.73		
125 (5")	CC-FS 125 A-COOL 80	64191108	4007220722299	25	\$5.59		
125 (5")	CC-FS 125 A-COOL 120	64191112	4007220722312	25	\$5.59		
125 (5")	CC-FS 125 A-COOL 180	64191118	4007220722343	25	\$5.59		
125 (5")	CC-FS 125 A-COOL 220	64191122	4007220722367	25	\$5.59		
COMBICLICK - Silicon Carbide SiC Fibre Discs (Masonry, Aluminium, Fibreglass)							
125 (5")	CC-FS 125 SiC 36	64294103	4007220898925	25	\$5.36		
125 (5")	CC-FS 125 SiC 60	64294106	4007220898932	25	\$4.35		
125 (5")	CC-FS 125 SiC 80	64294108	4007220898949	25	\$4.35		
125 (5")	CC-FS 125 SiC 120	64294112	4007220898956	25	\$4.35		
COMBICLICK - Ceramic Fibre Discs							
100 (4")	CC-FS 100 CO-COOL 36	64189101	4007220836149	25	\$9.13		
100 (4")	CC-FS 100 CO-COOL 60	64189103	4007220836187	25	\$6.12		
100 (4")	CC-FS 100 CO-COOL 80	64189104	4007220836194	25	\$5.59		
100 (4")	CC-FS 100 CO-COOL 120	69401582	4007220892442	25	\$5.59		
115 (4 ½")	CC-FS 115 CO-COOL 36	64193003	4007220763315	25	\$10.18		
115 (4 ½")	CC-FS 115 CO-COOL 60	64193006	4007220763339	25	\$6.53		
115 (4 ½")	CC-FS 115 CO-COOL 80	64193008	4007220763346	25	\$6.00		
115 (4 ½")	CC-FS 115 CO-COOL 120	64193012	4007220763353	25	\$6.00		
125 (5")	CC-FS 125 CO-COOL 24	64192102	4007220722084	25	\$9.87		
125 (5")	CC-FS 125 CO-COOL 36	* 64193103	4007220722473	25	\$10.96		
125 (5")	CC-FS 125 CO-COOL 60	* 64193106	4007220722497	25	\$7.15		
125 (5")	CC-FS 125 CO-COOL 80	* 64193108	4007220722503	25	\$6.53		
125 (5")	CC-FS 125 CO-COOL 120	* 64193112	4007220722510	25	\$6.53		
180 (7")	CC-FS 180 CO-COOL 36	64193303	4007220722558	25	\$19.12		
180 (7")	CC-FS 180 CO-COOL 60	64193306	4007220722589	25	\$12.90		
180 (7")	CC-FS 180 CO-COOL 80	64193308	4007220722602	25	\$11.59		
COMBICLICK - VICTOGRAIN Fibre Disc							
125 (5")	CC-FS 125 VICTOGRAIN 36	N! 64112636	4007220176320	25	\$9.56		
For more information on VICTOGRAIN products, please ask customer service or your sales representative for a fact sheet.							
COMBICLICK - VICTOGRAIN - COOL Fibre Disc							
125 (5")	CC-FS 125 VICTOGRAIN-COOL 36	64112536	4007220109724	25	\$12.46		
For more information on VICTOGRAIN products, please ask customer service or your sales representative for a fact sheet.							

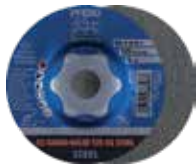


COMBICLICK

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBICLICK - Backing Pads						
Soft Backing Pads General purpose. Conforms to most workpiece shapes.						
100	Backing Pad CC-GT 100 M10	44890190	4007220836200	1	\$88.45	
115 & 125	Backing Pad CC-GT 115/125 M14 Suits both 4 ½" and 5" Grinders (Soft)	* 44890150	4007220725764	1	\$66.14	
180	Backing Pad CC-GT 180 M14	44890170	4007220725788	1	\$100.43	
Hard Backing Pads Provides stiffness for maximum stock removal.						
115 & 125	Backing Pad CC H-GT-INOX 115/125 M14 * Suits both 4 ½" and 5" Grinders (Hard) * Recommended for use with CC-GRIND Fibre Discs	64199002	4007220835869	1	\$60.12	
COMBICLICK - Pack						
COMBICLICK - Starter Packs						
100 (4")	COMBICLICK Starter Pack Contents: 1x Black COMBICLICK Backing Pad, 1 of each 36, 60 & 80 Grit Ceramic CO-COOL fibre discs	75520199	4007220908471	1	\$102.90	
125 (5")	COMBICLICK Starter Pack Contents: 1x Black COMBICLICK Backing Pad, 2x CC Grind 2x red CO-COOL fibre discs	75520200	4007220884591	1	\$102.90	
For our COMBICLICK polishing range, please refer to Tool Manual 23, Catalogue 4 Page 12.						
Point-Of-Sale Clam Shell Display Packaging						
COMBICLICK Backing Pad						
115 & 125	POS Backing Pad CC-GT 115/125 M14 Suits both 4 ½" and 5" Grinders (Soft)	49900034	4007220142776	1	\$79.54	
COMBICLICK - Ceramic CO-COOL Fibre Discs						
125 (5")	POS CC-FS 125 CO-COOL 36 (5 products per pack)	49900035	4007220142783	1	\$58.74	
125 (5")	POS CC-FS 125 CO-COOL 60 (5 products per pack)	49900036	4007220142790	1	\$44.94	
125 (5")	POS CC-FS 125 CO-COOL 80 (5 products per pack)	49900037	4007220142806	1	\$41.39	
125 (5")	POS CC-FS 125 CO-COOL 120 (5 products per pack)	49900038	4007220142820	1	\$41.39	
125 (5")	POS CC-FS 125 CO-COOL 2x 36, 1x 60, 80 & 120 (5 products per pack)	49900039	4007220142837	1	\$48.95	

* Point-Of-Sale Packaging available

CC-GRIND

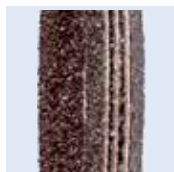
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
CC-GRIND						
CC-GRIND-SOLID - Discs Steel						
100 (4")	CC-GRIND-SOLID 100 SG STEEL	64185100	4007220919682	10	\$8.43	
115 (4 ½")	CC-GRIND-SOLID 115 SG STEEL	64185115	4007220887059	10	\$8.86	
125 (5")	CC-GRIND-SOLID 125 SG STEEL	64185125	4007220887073	10	\$10.05	
180 (7")	CC-GRIND-SOLID 180 SG STEEL	64185180	4007220887080	10	\$17.29	
125 (5")	CC-GRIND-SOLID 125 SGP STEEL VICTOGRAIN	64187126	4007220104989	10	\$13.24	
CC-GRIND-FLEX - Discs Steel						
125 (5")	CC-GRIND-FLEX 125 SG STEEL FINE	64187125	4007220032817	10	\$10.16	
125 (5")	CC-GRIND-FLEX 125 SG STEEL COARSE	64188125	4007220032831	10	\$10.16	
125 (5")	CC-GRIND-FLEX 125 SGP STEEL COARSE VICTOGRAIN	64188126	4007220105054	10	\$13.24	
CC-GRIND-SOLID - Discs INOX						
115 (4 ½")	CC-GRIND-SOLID 115 SG INOX	64186115	4007220900895	10	\$9.62	
125 (5")	CC-GRIND-SOLID 125 SG INOX	64186125	4007220900901	10	\$10.59	
180 (7")	CC-GRIND-SOLID 180 SG INOX	64186180	4007220900918	10	\$18.91	
125 (5")	CC-GRIND-SOLID 125 SGP INOX VICTOGRAIN	64189125	4007220105023	10	\$14.35	
CC-GRIND-SOLID - Clamping Flange Sets						
100 (4")	CC-GRIND-SOLID/FLEX 100 M10	33500000	4007220932209	1	\$11.71	
115 & 125	CC-GRIND-SOLID/FLEX 115/125 M14	33500015	4007220887578	1	\$14.34	
180 (7")	CC-GRIND-SOLID/FLEX 180 M14	33500018	4007220887585	1	\$14.34	
115 & 125	CC-GRIND-SOLID/FLEX 115/125 5/8"	33500115	4007220887592	1	\$14.34	
CC-GRIND-SOLID - Starter Kit						
125 (5")	CC-GRIND-SOLID Starter Kit	69900176	4007220972151	1	\$82.49	
Contents:	5x CC-GRIND-SOLID 125 SG STEEL 1x Flange Set M14 to suit 115/125 1x Reusable Container					
CC-GRIND-STRONG - Disc Steel						
125 (5")	CC-GRIND-STRONG 125 SG STEEL	64181125	4007220104484	10	\$11.89	
The Grinding Wheel Revolution CC-GRIND-STRONG						

The Grinding Wheel Revolution CC-GRIND-STRONG

Ceramic Grain

Perfect for replacing standard grinding wheels.
Removes stock in half the time.

Fastest stock removal
50% less noise
50% less vibration
70% less dust



3 Abrasive Layers





Resin Fibre Discs - ACTIROX - STEEL - Maximum stock removal rate on steel						List Price Ea. Excl. GST
115 (4 1/2")	AF 799 115x22 #36 ACTIROX		75485210	4018875878620	50	\$5.10
115 (4 1/2")	AF 799 115x22 #60 ACTIROX	N!	Coming Soon!			
115 (4 1/2")	AF 799 115x22 #80 ACTIROX	N!	Coming Soon!			
125 (5")	AF 799 125x22 #36 ACTIROX		75485211	4018875878637	50	\$5.10
125 (5")	AF 799 125x22 #60 ACTIROX	N!	Coming Soon!			
125 (5")	AF 799 125x22 #80 ACTIROX	N!	Coming Soon!			
180 (7")	AF 799 180x22 #36 ACTIROX *		75485355	4018875862841	50	\$10.80
180 (7")	AF 799 180x22 #60 ACTIROX *	N!	Coming Soon!			
180 (7")	AF 799 180x22 #80 ACTIROX *	N!	Coming Soon!			

Resin Fibre Discs - ACTIROX - STAINLESS STEEL - Maximum stock removal rate on stainless steel & steel						List Price Ea. Excl. GST
115 (4 1/2")	AF 890 115x22 #36 ACTIROX		75482500	4018875091579	50	\$5.10
115 (4 1/2")	AF 890 115x22 #60 ACTIROX	N!	Coming Soon!			
115 (4 1/2")	AF 890 115x22 #80 ACTIROX	N!	Coming Soon!			
125 (5")	AF 890 125x22 #36 ACTIROX		75482476	4018875091586	50	\$5.10
125 (5")	AF 890 125x22 #60 ACTIROX	N!	Coming Soon!			
125 (5")	AF 890 125x22 #80 ACTIROX	N!	Coming Soon!			
180 (7")	AF 890 180x22 #36 ACTIROX *		75485187	4018875103357	50	\$10.80
180 (7")	AF 890 180x22 #60 ACTIROX *	N!	Coming Soon!			
180 (7")	AF 890 180x22 #80 ACTIROX *	N!	Coming Soon!			

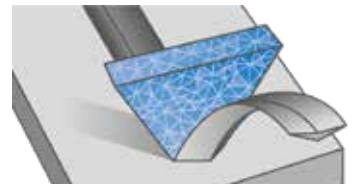
* unlotted



High-performance tools with VICTOGRAIN abrasive grain

The VICTOGRAIN abrasive grain triangles are identical in shape and size and their cutting edges are applied to the workpiece at the optimum angle, meaning the grain needs very little energy to penetrate the workpiece. As such, the user benefits from an efficient machining process with

- fast working,
- a long tool life,
- less heat build-up in the workpiece, and
- a lower power output required for the tool drive



COMBICLICK

COMBICLICK Fibre Disc - VICTOGRAIN						List Price Ea. Excl. GST
125 (5")	CC-FS 125 VICTOGRAIN 36	N!	64112636	4007220176320	25	\$9.56

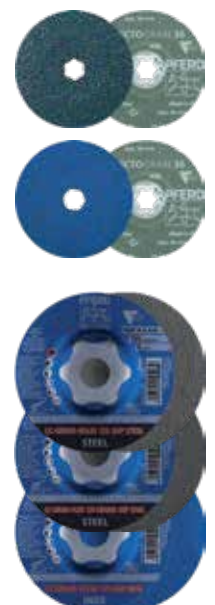
COMBICLICK Fibre Disc - VICTOGRAIN - COOL						
125 (5")	CC-FS 125 VICTOGRAIN-COOL 36		64112536	4007220109724	25	\$12.46

CC-GRIND

CC-GRIND-SOLID - Discs Steel						List Price Ea. Excl. GST
125 (5")	CC-GRIND-SOLID 125 SGP STEEL		64187126	4007220104989	10	\$13.24

CC-GRIND-FLEX - Discs Steel						
125 (5")	CC-GRIND-FLEX 125 SGP STEEL COARSE		64188126	4007220105054	10	\$13.24

CC-GRIND-SOLID - Discs INOX						
125 (5")	CC-GRIND-SOLID 125 SGP INOX		64189125	4007220105023	10	\$14.35



N! New Product Range

PFERD quality

Large diameter cut-off wheels from PFERD are developed, manufactured and tested in accordance with the strictest quality requirements.

Research and development, our own machine and plant construction, and the continuous testing and further development of the quality and safety standards in our own laboratories all guarantee the PFERD's high quality.

PFERD quality management is certified according to ISO 9001.



PFERD is a founder member of oSa

Together with other renowned manufacturers, PFERD has voluntarily undertaken to produce quality tools conforming to the most exacting safety standards.

Member companies of oSa (the Organization for Safety of Abrasives) are committed to continuous product safety and quality monitoring. PFERD tools carry the oSa mark.



Safety standard

PFERD cut-off wheels conform to the highest safety requirements and are marked according to EN 12413 for grinding tools made of bonded abrasives.



You will receive more information here or at www.pferd.com.au

Maximum operating speed

The maximum permissible operating speed [m/s] can be found on the product labels and in the product tables of this catalogue. The maximum permissible rotational speed specification applies to the nominal diameter of the unused wheels. For safety reasons, these must never be exceeded.

Differentiation of cut-off grinding

A differentiation is made between cold, warm and hot cutting-off, depending on the material temperature of the workpieces.

Operating conditions	Cold cut-off	Warm cut-off	Hot cut-off
Operating parameters			
Material temperature T	up to 100°C	100 to 600°C	600 to above 1,000°C
Peripheral speed V_s *	80 to 100 m/s	80 to 100 m/s	80 to 100 m/s
Specific cutting performance Z	4 to 15 cm ² /s	8 to 20 cm ² /s	15 to 35 cm ² /s

* Please adhere to the maximum operating speed of the cut-off wheel.

Advantages of large diameter cut-off grinding

- Universal cutting process for all steels and castings, non-ferrous metal alloys, special alloys such as nickel and titanium-based alloys, as well as materials on which sawing and flame cutting are difficult or impossible.
- Due to smooth cutting surfaces and blank cuts in cold cutting-off, no post-processing is required.
- Short cutting times regardless of the material quality.
- Significantly lower burr formation with hot cutting-off than with hot sawing.
- Lower noise levels than with hot sawing, for example:
Hot cutting-off: 85 to 95 dBA
Hot sawing: 105 to 110 dBA
- Consistent cutting quality over the entire life of the cut-off wheel due to its continuous selfsharpening qualities.
- Cutting of already cooled rolled or forged parts in hot cut lines is possible.

Safety notes



= Follow the safety instructions!



= Wear eye protection!



= Wear hearing protection!



= Wear gloves!



= Wear a dust mask!



= Not permitted for hand-held grinding!



= Do not use if damaged!

Large Diameter Cut-Off Wheels

General information



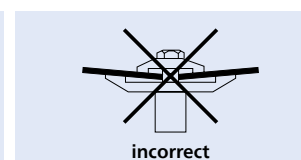
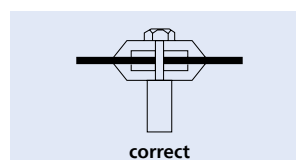
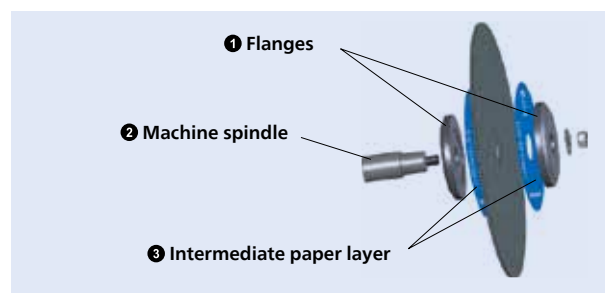
Proper clamping of cut-off wheels

The correct clamping of the cut-off wheel is a prerequisite for optimum performance and is essential to ensure user safety. The adjacent illustration shows the right way to do it:

- ❶ Machine spindle with high concentricity.
- ❷ Equally sized flanges.
- ❸ Intermediate paper layers, if required for secure clamping and safe use.

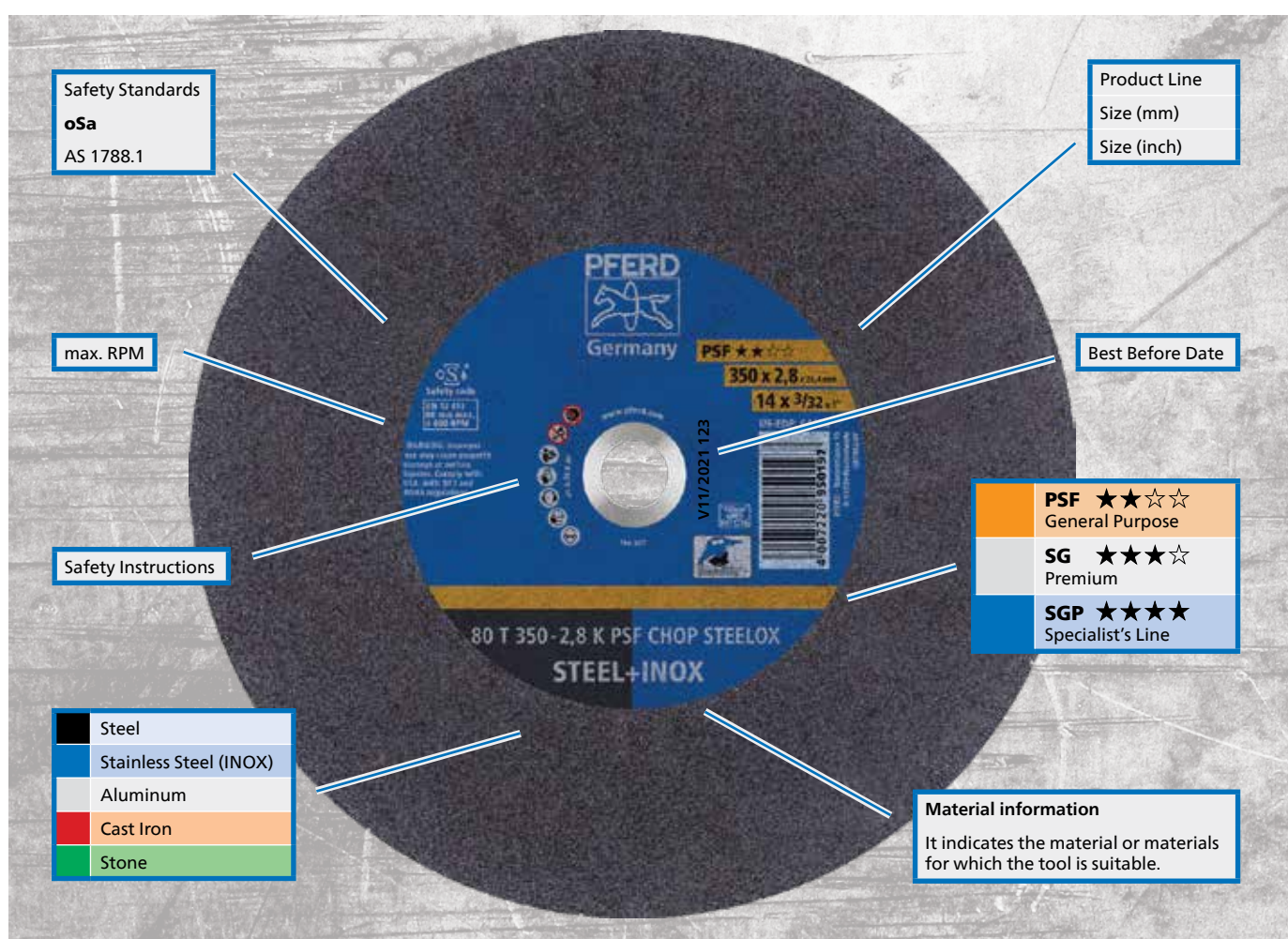
Our recommendations:

- After every second wheel change, change the intermediate paper layers.
- As from a wheel diameter > 400 mm, always use intermediate paper layers.



Safety notes:

The safe use of PFERD tools depends largely on proper clamping systems. Both flanges between which a grinding tool is mounted must have the same outer diameter and same support area (according to EN 13218, ANSI B7.1, AS 1788.1).



PFERD description

80 T 350-2.8 K PSF CHOP STEELOX
1 2 3 4 5 6 7 8

1. Maximum operating speed

2. Outer diameter

EHT = Flat Cut-Off Wheel
T = Straight type

3. Outer diameter

Outer dia. D in [mm]

4. Wheel width

Width T/U in [mm]

5. Hardness grade

6. PFERD product line

7. Product group

CHOP < 3KW
CHOP HD
RAIL

8. Material Information



With a middle fabric for aggressive cutting with minimised burr formation



With two outer fabrics for high lateral stability

PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE	PRODUCTION DESCRIPTION	PAGE
Low Speed Large Diameter Cut-Off Wheels - 80 mtr/sec	99	Premium - Steel/INOX	99	High Speed Portable Cut-Off Wheels - 100 mtr/sec	100
General Purpose - Steel	99	Premium Heavy Duty (Saws 3-5kW)	99	High Speed Portable Cut-Off Wheels - Steel	100
General Purpose - Steel/INOX	99	High Speed Large Diameter Cut-Off Wheels - 100 mtr/sec	100	High Speed Portable Cut-Off Wheels - Stone	100
Premium - Steel	99	High Speed Premium - Heavy Duty Steel	100	Reducing Ring	100
				High Speed Rail Cut-Off Wheels - Steel	100

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Low Speed Large Diameter Cut-Off Wheels - 80mtr/sec To suit 240v Chop Saws						CHOPSAW < 3kw 
General Purpose - Steel						
300 (12")	80 T 300-2.8 K PSF-CHOP STEEL 25.4	66323074	4007220832264	20	\$12.85	
350 (14")	80 T 350-2.8 K PSF-CHOP STEEL 25.4	66323574	4007220817605	10	\$12.98	
400 (16")	80 T 400-3.8 K PSF-CHOP STEEL 25.4	66324095	4007220832271	10	\$19.50	
General Purpose - Steel/INOX						 
350 (14")	80 T 350-2.8 K PSF-CHOP STEELOX 25.4	66323575	4007220950197	10	\$13.02	
400 (16")	80 T 400-3.8 K PSF-CHOP STEELOX 25.4	66324096	4007220950210	10	\$19.50	
Premium - Steel						
300 (12")	80 T 300-2.8 K SG-CHOP STEEL 25.4	66323070	4007220629123	20	\$22.88	
350 (14")	80 T 350-2.8 K SG-CHOP STEEL 25.4	66323570	4007220629154	10	\$14.46	
400 (16")	80 T 400-3.8 K SG-CHOP STEEL 25.4	66324093	4007220638675	10	\$42.38	
Premium - Steel/INOX						 
300 (12")	80 T 300-2.8 K SG-CHOP STEELOX 25.4	66323052	4007220803219	20	\$19.27	
350 (14")	80 T 350-2.8 K SG-CHOP STEELOX 25.4	66323572	4007220639634	10	\$17.78	
400 (16")	80 T 400-2.8 K SG-CHOP STEELOX 25.4	66324091	4007220669303	10	\$40.23	
400 (16")	80 T 400-3.8 K SG-CHOP STEELOX 25.4	69620735	4007220739891	10	\$40.23	
Premium - Steel Heavy Duty (Saws 3-5kW) - 80 mtr/sec						CHOPSAW HD 
350 (14")	80 T 350-3.0 L SG CHOP HD STEEL 25.4	66323580	4007220629130	10	\$29.13	
400 (16")	80 T 400-4.0 L SG CHOP HD STEEL 25.4	66324080	4007220638682	10	\$41.57	
						

Large Diameter Cut-Off Wheels

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
High Speed Large Diameter Cut-Off Wheels - 100 mtr/sec To suit 3 Phase Saws						 HEAVY DUTY
High Speed Premium - Heavy Duty Steel						
300 (12")	100 T 300-3.6 Q SGP HD STEEL/ 25.4	66323024	4007220334904	20	\$16.76	
350 (14")	100 T 350-4.0 Q SGP HD STEEL/ 25.4	66323730	4007220332566	10	\$21.09	
400 (16")	100 T 400-4.8 Q SGP HD STEEL/ 25.4	66325825	4007220355374	10	\$35.71	
400 (16")	100 T 400-4.6 S SGP HD STEEL/ 40.0	66324140	4007220166314	10	\$90.38	
High Speed Portable Cut-Off Wheels - 100 mtr/sec To suit Portable Engine Driven Saws						
High Speed Portable Cut-Off Wheels - Steel						
300 (12")	100 EHT 300-4.0 SG STEEL 20.0	61329120	4007220540008	20	\$17.78	
300 (12")	100 EHT 300-4.0 SG STEEL 25.4	61329125	4007220540022	20	\$17.78	
350 (14")	100 EHT 350-4.5 SG STEEL 20.0	61329520	4007220540039	10	\$31.93	
350 (14")	100 EHT 350-4.5 SG STEEL 25.4	61329525	4007220540053	10	\$31.93	
400 (16")	100 EHT 400-4.8 SG STEEL 20.0	61329820	4007220953433	10	\$47.88	
400 (16")	100 EHT 400-4.8 SG STEEL 25.4	61329825	4007220540077	10	\$47.88	
High Speed Portable Cut-Off Wheels - Stone						
350 (14")	100 EHT 350-4.5 SG STONE 20.0	61629520	4007220540145	10	\$28.56	
350 (14")	100 EHT 350-4.5 SG STONE 25.4	61629525	4007220540169	10	\$28.56	
400 (16")	100 EHT 400-4.5 SG STONE 25.4	61629400	4007220329405	10	\$40.55	
Reducing Ring						
25.4-20	Reducing Ring 25.4 /20	69900173	4007220956205	5	\$7.99	
High Speed Rail Cut-Off Wheels - Steel For use on Railway Line						 RAIL
350 (14")	100 T 350-4.2 Q SG RAIL STEEL 25.4	69902464	4007220940587	10	\$19.85	
400 (16")	100 T 400-4.2 Q SG RAIL STEEL 25.4	69902463	4007220940570	10	\$35.23	



PFERD wire qualities

In order to fulfil the particular requirements for working with stainless steel (INOX), PFERD uses wire quality 1.4310 (V2A) for all INOX brushes. Practical experience from industry has shown that this offers excellent corrosion resistance with an optimum tool life.

All PFERD brushes with INOX filaments are colour-coded in blue and are suitable for use on all stainless steels (INOX), such as V4A.

INOX and magnetism

The wire quality 1.4310 tends to become ferromagnetic in the case of cold working; i.e. it can be attracted using magnets. The reason for this is a change in the microstructure caused by deformation (e.g. during the wire drawing process). This does not have any impact on the quality and corrosion resistance of the INOX filament. The filament is still resistant to corrosion.

AISI	Code acc. to EN 10027-1	Material no. acc. to EN 10027-2
304	X5CrNi18-10	1.4301 (V2A)
301	X10CrNi18-8	1.4310 (V2A)
316	X5CrNiMo17-12-2	1.4401 (V4A)
316	X3CrNiMo17-13-3	1.4436 (V4A)
316Ti	X6CrNiMoTi17-12-2	1.4571 (V4A)

Safety notes



= Wear eye protection!



= Wear hearing protection!



= Wear gloves!



= Wear a dust mask!



= Follow the safety instructions!



= Use a protective machine cover!

Maximum permitted rotational speed

In order to guarantee operating safety, the maximum permitted rotational speed indicated on the brush, label and in this catalogue must never be exceeded!

Please refer to our product information and product tables for further recommendations regarding optimum operating speeds. These give details of the recommended rotational speeds [RPM] for an optimum working result.

Brush diameter

In the case of hand-held tool drives, the brush diameter should never exceed 180 mm, regardless of the filament material.

Minimum arbor hole diameter according to EN 1083

Brushes must comply with the minimum arbor hole diameters (D_A) listed below, depending on their total diameter (D).

Total dia. D of the brush [mm]	Minimum arbor hole dia. D _A [mm]
50	4.6
75	6.5
100	10
150	13
200	16
250	20
300	20
350	32



You will receive more information here or at www.pferd.com.au

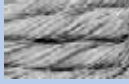
Recommendations for avoiding corrosion

Cause of corrosion	Solution
Change in the microstructure due to too much heat build-up.	Avoid heat build-up through: • Lower rotational speed • Reduced contact pressure • Oscillating brushing
Contact between the workpiece and the parts of the brush that are made of steel.	• Use INOX-TOTAL type brushes • Avoid contact between the face plates and workpiece • Use end brushes with plastic protection
Mixture of work on steel and stainless steel (INOX).	• Do not use brushes that have already been used to work on steel, copper or other metals • Do not work on steel in the vicinity of stainless steel (INOX) applications
Wire particles are introduced into the surface (crevice corrosion).	• Avoid a high contact pressure • Use a low rotational speed
Stock removal rate is too low.	Removal of deep structural changes by: • Extending the brushing time • Using grinding tools

Industrial Power Brushes

The fast way to the best tool



Materials that can be worked	Steel, cast iron, plastics			Stainless steel (INOX), aluminium, other non-ferrous metals
Filament material	Steel wire (ST) Colour code: grey			Stainless steel wire (INOX) Colour code: blue
Filament type	 knotted	 crimped	 encapsulated	 knotted
Desired effect	Aggressive brushing effect, less flexible	Light brushing effect, flexible	Very aggressive brushing effect, not flexible	Aggressive brushing effect, less flexible
Weld seam 	 RBG  RBG PIPE	 HBU  HBK	 RBV	 RBG  RBG PIPE
Structuring surfaces 		 RBU  RBU SC  WBU		
Edge deburring 	 KBG  RBG  RBG	 KBU  RBU  RBU  RBU	 RBV	 KBG  RBG  RBG
Surface deburring 	 TBG	 TBU  TBU		 TBG
Interior deburring 	 PBG	 PBU  PBU  TBU  IBU	 PBV	 PBG
Surface cleaning 	 TBG  KBG  RBG	 TBU  KBU  RBU  HBU		 TBG  KBG  RBG
	 RBG	 RBU		 RBG
Interior cleaning 	 PBG	 PBU  PBU  TBU  IBU	 PBV	 PBG
Polishing 				

Stainless steel (INOX), aluminium, other non-ferrous metals	Steel, stainless steel (INOX), aluminium, non-ferrous metals, titanium, cast, plastics, wood	Brass, copper, other non-ferrous metals	Steel, stainless steel (INOX), non-ferrous metals, cast iron
Stainless steel wire (INOX) Colour code: blue	Plastic filament (SiC, CO, nylon) Colour code: red	Brass wire (MES) Colour code: yellow	Natural materials Colour code: brown
			
crimped	crimped	crimped	crimped
Light brushing effect, flexible	Grinding brushing effect, very flexible	Light brushing effect, flexible	Light brushing effect (use with polishing pastes)
			
HBU HBK		HBU	
			
RBU WBU	RBU RBUP WBU		
			
KUB RBU RBU RBU	RBU RBUP RBU RBU	RBU RBU	
			
TBU TBU	TBU DBU TBU		
			
PBU PBU TBU IBU	PBU PBU TBU IBU	PBU PBU TBU IBU	
			
TBU KUN RBU HBU	TBU RBU RBUP DBU	RBU HBU	
			
RBU	TBU RBU		
			
PBU PBU TBU IBU	PBU PBU TBU IBU	PBU IBU	PBU TBU
			
			RBU PBU TBU

Industrial Power Brushes

Cutting speeds & recommendations for use



Determining the recommended rotational speed

- 1 Select brush type
- 2 Read the recommended cutting speed
- 3 Determine the rotational speed using the brush diameter and cutting speed

The recommended cutting speed ranges [m/s] depend on the respective application and lie below the maximum permitted cutting speed

1 Brush type	2 Cutting speed
End brushes	5-15 m/s
Cup brushes	15-45 m/s
Shank-mounted wheel brushes	15-40 m/s
Wheel/bevel brushes with arbor hole/threaded	See diagram below

2 Recommended cutting speed [m/s] for wheel/bevel brushes with arbor hole/threaded

Application		[m/s]									
		10	15	20	25	30	35	40	45	50	55
Deburring/ edge breaking	knotted						35-45 m/s				
							30-40 m/s				
	crimped			25-40 m/s							
			15-30 m/s								
Removal of scale/ mill scale	knotted						35-55 m/s				
							30-40 m/s				
Cleaning/ roughening of surfaces	knotted						35-40 m/s				
							30-35 m/s				
	crimped			20-40 m/s							
			15-35 m/s								
Weld dressing	knotted						35-55 m/s				
							30-40 m/s				
	crimped						30-45 m/s				
							25-40 m/s				

The colour bars correspond to the colour codes of the filament materials

3 Recommended rotational speeds [RPM]

n [RPM]	Brush dia. D [mm]																		
	10	15	20	25	30	40	50	60	75	80	100	115	125	150	175	200	250	300	
1,000	1	1	1	1	2	2	3	3	4	4	5	6	7	8	9	10	13	16	
1,250	1	1	1	2	2	3	3	4	5	5	7	8	8	10	11	13	16	20	
1,500	1	1	2	2	2	3	4	5	6	6	8	9	10	12	14	16	20	24	
1,750	1	1	2	2	3	4	5	5	7	7	9	11	11	14	16	18	23	27	
2,000	1	2	2	3	3	4	5	6	8	8	10	12	13	16	18	21	26	31	
2,500	1	2	3	3	4	5	7	8	10	10	13	15	16	20	23	26	33	39	
3,000	2	2	3	4	5	6	8	9	12	13	16	18	20	24	27	31	39	47	
3,500	2	3	4	5	5	7	9	11	14	15	18	21	23	27	32	37	46	55	
4,000	2	3	4	5	6	8	10	13	16	17	21	24	26	31	37	42	52	63	
4,500	2	4	5	6	7	9	12	14	18	19	24	27	29	35	41	47	59	71	
5,000	3	4	5	7	8	10	13	16	20	21	26	30	33	39	46	52	65	79	
5,500	3	4	6	7	9	12	14	17	22	23	29	33	36	43	50	58	72		
6,000	3	5	6	8	9	13	16	19	24	25	31	36	39	47	55	63	79		
6,500	3	5	7	9	10	14	17	20	26	27	34	39	43	51	60	68			
7,000	4	5	7	9	11	15	18	22	27	29	37	42	46	55	64	73			
7,500	4	6	8	10	12	16	20	24	29	31	39	45	49	59	69	79			
8,000	4	6	8	10	13	17	21	25	31	34	42	48	52	63	73				
10,000	5	8	10	13	16	21	26	31	39	42	52	60	65	79					
12,000	6	9	13	16	19	25	31	38	47	50	63	72	79						
14,000	7	11	15	18	22	29	37	44	55	59	73								
16,000	8	13	17	21	25	34	42	50	63	67									
20,000	10	16	21	26	31	42	52	63	79										
22,000	12	17	23	29	35	46	58	69											
25,000	13	20	26	33	39	52	65	79											

Example:

RBG 11512 ST

Cleaning surfaces

Brush dia. D: 115 mm

Cutting speed: 39 m/s

Rotational speed: 6,500 RPM

Cutting speed (v) = $\frac{\text{dia. (D)} \times \pi \times \text{rot. speed (n)}}{1,000 \times 60}$

Example:

RBG 11512 ST

Cleaning surfaces

Brush dia. D: 115 mm

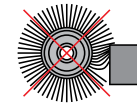
Cutting speed: 39 m/s

Rotational speed: 6,500 RPM

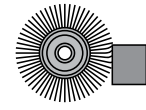
$$\text{Cutting speed (v)} = \frac{\text{dia. (D)} \times \pi \times \text{rot. speed (n)}}{1,000 \times 60}$$

Recommendations for use:

Contact pressure and working position



Incorrect (1)



Correct (2)

Only use the wire tips (Fig. 2).

Exception

In the case of brushes with plastic filament material, it is not only the wire tips that can be used, but 2–3 mm of the filaments. In the case of stationary brushes, machining should be carried out under the middle of the brush (see Fig. 2).

Visible trim lengths

Short visible trim lengths give a stiffer trim surface, resulting in more aggressive brushing action. Longer trim lengths are more flexible, giving a softer brush performance that produces a more uniform finish, even on irregular surfaces.

Self-sharpening effect

The self-sharpening effect can be improved during use by changing the brush operating direction.

Filament diameters

Thick filament

- An aggressive brushing effect with a coarse surface finish, as fewer wire tips are in contact with the surface of the workpiece at the same time.

Thin filament

- A soft brushing effect with a fine surface finish, as many wire tips are in contact with the surface of the workpiece at the same time.
- A longer tool life for the brush due to the higher level of flexibility of the filaments.

Solutions to problems

Problems	Possible solutions
Inadequate brushing effect	• Increase rotational speed or use larger brush diameter at the same rotational speed • Choose a brush with shorter trim length • Use a brush with thicker filaments
Brushing effect too great	• Reduce rotational speed or use smaller brush diameter at the same rotational speed • Reduce the contact pressure • Choose a brush with longer trim length • Use a brush with thinner filaments
Surface is too rough and irregular	• Use a wider brush • Use a brush with thinner filaments • Reduce the rotational speed
Surface is too finely polished and shiny	• Use a brush with thicker filaments • Choose a brush with shorter trim length • Reduce the rotational speed
Secondary burr formation	• Change the working position of the brush in relation to the workpiece • Choose a brush with shorter trim length • Use a brush with thicker filaments

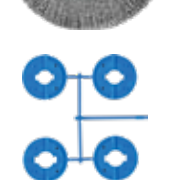
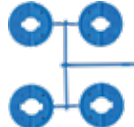
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Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Shaft Mounted Wheel Brushes						
Crimped Steel Wire						
20 x 4	RBV 2004/6 ST 0.20	43101001	4007220152980	10	\$12.18	
30 x 6	RBV 3006/6 ST 0.20	43102001	4007220153017	10	\$10.02	
40 x 9	RBV 4009/6 ST 0.20	43103001	4007220153048	10	\$13.00	
50 x 4	RBV 5004/6 ST 0.20	43103021	4007220806593	10	\$17.39	
50 x 15	RBV 5015/6 ST 0.20	43104001	4007220153079	10	\$14.11	
60 x 15	RBV 6015/6 ST 0.20	43104011	4007220658437	10	\$16.06	
70 x 10	RBV 7010/6 ST 0.30	43104101	4007220658444	10	\$13.00	
70 x 15	RBV 7015/6 ST 0.30	43105001	4007220153109	10	\$15.10	
80 x 15	RBV 8015/6 ST 0.30	43106001	4007220153130	10	\$17.42	
100 x 10	RBV 10010/6 ST 0.30	43109001	4007220658451	10	\$18.10	
Crimped Stainless Steel (INOX) Wire						
30 x 6	RBV 3006/6 INOX 0.20	43102003	4007220153031	10	\$12.47	
40 x 9	RBV 4009/6 INOX 0.20	43103003	4007220153062	10	\$16.60	
50 x 15	RBV 5015/6 INOX 0.20	43104003	4007220153093	10	\$24.16	
60 x 15	RBV 6015/6 INOX 0.20	43104033	4007220658468	10	\$25.58	
70 x 10	RBV 7010/6 INOX 0.20	43104102	4007220597835	10	\$25.58	
70 x 15	RBV 7015/6 INOX 0.30	43105003	4007220153123	10	\$25.58	
80 x 10	RBV 8010/6 INOX 0.20	43105103	4007220578919	10	\$30.05	
80 x 15	RBV 8015/6 INOX 0.30	43106003	4007220153154	10	\$30.05	
100 x 10	RBV 10010/6 INOX 0.30	43109003	4007220658475	10	\$33.05	
Brass (MES) & Plastic (SiC) Wire						
80 x 15	RBV 8015/6 MES 0.30 (Brass)	43106002	4007220153147	10	\$39.85	
50 x 15	RBV 5015/6 SiC 180 0.90	43104004	4007220220610	10	\$34.70	

Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Shaft Mounted Wheel Brushes (continued)							
Twist Knot - Steel Wire							
70 x 6	RBG 7006/6 ST 0.35	43107001	4007220153161	10	\$22.14		
70 x 12	RBG 7012/6 ST 0.35	43107011	4007220658482	10	\$22.58		
100 x 12	RBG 10012/6 ST 0.35	43108001	4007220530351	10	\$45.03		
100 x 12	RBG 10012/6 ST 0.50	43108002	4007220530399	10	\$42.17		
Twist Knot - Stainless Steel (INOX) Wire							
70 x 6	RBG 7006/6 INOX 0.35	43107003	4007220220641	10	\$44.74		
Crimped - Steel Wire							
95 x 10	KBU 9510/6 ST 0.30	43312501	4007220899397	10	\$25.96		
Crimped - Stainless Steel (INOX) Wire							
95 x 10	KBU 9510/6 INOX 0.30	43312503	4007220899403	10	\$42.31		
Encapsulated Steel Wire							
63 x 7	RBV 6307/6 ST 0.30	43507501	4007220220955	1	\$36.10		
Shaft Mounted Cup Brushes							
Crimped Steel Wire							
50 x 10	TBU 5010/6 ST 0.30	43210001	4007220153345	10	\$14.30		
60 x 15	TBU 6015/6 ST 0.30	43211001	4007220153352	10	\$18.10		
Crimped Stainless Steel (INOX) Wire							
50 x 10	TBU 5010/6 INOX 0.30	43210003	4007220579107	10	\$24.73		
Wheel Brushes to suit Angle Grinders - M14 thread							
Crimped Steel Wire							
125 x 12	RBU 12512/M14 ST 0.30 SG	43502301	4007220806975	1	\$77.41		
Wheel Brushes with Arbor Hole To Suit Bench & Straight Grinders							
Crimped Steel Wire							
100 x 20	RBU 10020/14.0 ST 0.30	43701105	4007220956236	1	\$38.98		
150 x 12	RBU 15012/22.2 ST 0.25 ^P	43505005	4007220530412	1	\$39.14		
200 x 16	RBU 20016/22.2 ST 0.25 ^P	43506005	4007220530436	1	\$57.16		
250 x 20	RBU 25020/22.2 ST 0.25 ^P	43506505	4007220530443	1	\$99.48		
100 x 28	RBU 10028/14.0 ST 0.30	43502001	4007220153604	1	\$56.13		
150 x 25	RBU 15025/25.4 ST 0.30 (Inc. Adaptor Set)	43505101	4007220658727	1	\$40.79		
200 x 25	RBU 20025/25.4 ST 0.30 (Inc. Adaptor Set)	43506101	4007220658765	1	\$78.00		
200 x 38	RBU 20038/32-2 ST 0.30	43506001	4007220153635	1	\$110.45		
^P All brushes with a 22.2mm bore require an AK32 Adaptor Set to change hole diameter.							
Crimped Stainless Steel (INOX) Wire							
150 x 12	RBU 15012/AK 22-2 INOX 0.30	43505006	4007220597880	2	\$69.38		
150 x 25	POS RBU 15025/25.4 INOX 0.30	43505103	4007220109458	1	\$129.60		
200 x 25	POS RBU 20025/25.4 INOX 0.30	43506103	4007220109441	1	\$141.28		
200 x 38	RBU 20038/AK 32-2 INOX 0.30	43506003	4007220220900	1	\$345.12		
Wheel Brush Accessories - Hub Adapters							
	AK 32 Adaptor Set	43690100	4007220608593	1	\$21.00		
	AK 32-2 Adaptor Set	43690102	4007220806890	1	\$19.80		

8



Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Wheel Brushes with Arbor / Threaded Hole						
Twist Knot - Steel Wire - Pipeliner						
125 x 6	RBG 12506/22.2 Pipe ST 0.50	43302501	4007220750957	10	\$57.16	
125 x 6	RBG 12506/M14 Pipe ST 0.50	43302502	4007220750995	10	\$57.16	
178 x 6	RBG 17806/22.2 Pipe ST 0.50	43303804	4007220751107	10	\$89.36	
178 x 6	RBG 17806/M14 Pipe ST 0.50	43303805	4007220751114	10	\$89.36	
Twist Knot - Stainless Steel (INOX) Wire - Pipeliner						
100 x 6	RBG 10006/16.0 Pipe INOX 0.50	43301006	4007220751220	2	\$61.25	
125 x 6	RBG 12506/22.2 Pipe INOX 0.50	43302506	4007220751329	2	\$73.60	
125 x 6	RBG 12506/M14 Pipe INOX 0.50	43302507	4007220751343	2	\$73.60	
Twist Knot - Steel Wire						
100 x 12	RBG 10012/M14 ST 0.50	43302000	4007220658970	1	\$31.65	
115 x 12	RBG 11512/22.2 ST 0.50	43312001	4007220153512	1	\$31.65	
115 x 12	RBG 11512/M14 ST 0.50	43312002	4007220658987	1	\$31.65	
125 x 12	RBG 12512/22.2 ST 0.50	43303005	4007220530597	1	\$34.70	
125 x 12	RBG 12512/M14 ST 0.50	43303013	4007220658994	1	\$36.10	
150 x 13	RBG 15013/22.2 ST 0.60	43309015	4007220597996	1	\$42.17	
178 x 13	RBG 17813/22.2 ST 0.50	43304001	4007220153413	1	\$54.55	
178 x 13	RBG 17813/M14 ST 0.50	43304009	4007220659007	1	\$59.06	
Twist Knot - Stainless Steel (INOX) Wire						
115 x 12	RBG 11512/22.2 INOX 0.35	43312003	4007220220795	1	\$73.69	
115 x 12	RBG 11512/M14 INOX 0.35	43312004	4007220659014	1	\$73.69	
125 x 12	RBG 12512/22.2 INOX 0.35	43303006	4007220530788	1	\$75.04	
125 x 12	RBG 12512/M14 INOX 0.35	43303007	4007220659021	1	\$75.04	
178 x 13	RBG 17813/22.2 INOX 0.35	43304003	4007220220733	1	\$148.59	
Twist Knot - Steel Wire COMBITWIST						
115 x 12	RBG 11512/22.2 CT ST 0.5	43312011	4007220593356	1	\$34.70	
125 x 12	RBG 12512/22.2 CT ST 0.5	43303010	4007220593363	1	\$39.14	
178 x 13	RBG 17813/22.2 CT ST 0.5	43304011	4007220593370	1	\$51.81	
178 x 13	RBG 17813/22.2 CT ST 0.8	43304017	4007220593394	1	\$59.06	
Twist Knot - Stainless Steel (INOX) Wire COMBITWIST						
125 x 12	RBG 12512/22.2 CT INOX 0.35	43303011	4007220593417	1	\$82.55	
178 x 13	RBG 17813/22.2 CT INOX 0.35	43304013	4007220593424	1	\$163.63	

Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Flared Cup Brushes - Twist Knot COMBITWIST						
Twist Knot - Steel Wire COMBITWIST						
100 x 13	KBG 10013/M14 CT ST 0.50	43313011	4007220593431	1	\$36.10	
115 x 15	KBG 11515/M14 CT ST 0.50	43315011	4007220593448	1	\$46.65	
125 x 15	KBG 12515/M14 CT ST 0.50	43317011	4007220593455	1	\$54.13	
Twist Knot - Stainless Steel (INOX) Wire COMBITWIST						
100 x 13	KBG 10013/M14 CT INOX 0.35	43313013	4007220593462	1	\$57.16	
115 x 15	KBG 11515/M14 CT INOX 0.35	43315013	4007220593479	1	\$63.13	
125 x 15	KBG 12515/M14 CT INOX 0.35	43317013	4007220593486	1	\$84.13	
Flared Cup Brushes - Crimped						
Crimped Steel Wire						
100 x 10	KBU 10010/M14 ST 0.35	43316001	4007220220832	1	\$30.05	
Crimped Stainless Steel (INOX) Wire						
100 x 10	KBU 10010/M14 INOX 0.35	43316003	4007220531129	1	\$47.48	
Flared Cup Brushes - Twist Knot						
100 x 13	KBG 10013 M10 x 1.50 ST 0.35	79182207	697940822078	1	\$33.05	
Cup Brushes - Crimped Steel Wire						
60	TBU 60/M14 ST 0.30	43468902	4007220153543	1	\$25.58	
60	TBU 60/M10x1.50 ST 0.30	47701482	4007220826003	1	\$25.58	
75	TBU 75/M14 ST 0.30	43469001	4007220220849	1	\$34.70	
100	TBU 100/M14 ST 0.30	43469102	4007220153574	1	\$46.65	
Cup Brushes - Crimped Stainless Steel (INOX) Wire						
60	TBU 60/M14 INOX 0.30	43468905	4007220721742	1	\$33.69	
75	TBU 75/M14 INOX 0.30	43469003	4007220220856	1	\$42.16	
100	TBU 100/M14 INOX 0.30	43469103	4007220220863	1	\$84.98	
Cup Brushes - Twist Knot/ COMBITWIST Steel Wire						
65	TBG 65/M14 ST 0.35	43305002	4007220153437	1	\$24.16	
65	TBG 65/M10x1.50 ST 0.35	47701479	4007220825976	1	\$24.16	
65	TBG 65/M14 CT ST 0.50 COMBITWIST	43305051	4007220806708	1	\$26.79	
80	TBGR 80/M14 ST 0.50	43306001	4007220153482	1	\$45.03	
100	TBGR 100/M14 ST 0.50	43308001	4007220153505	1	\$57.16	
125	TBG 125/M14 CT ST 0.50 COMBITWIST	79168124	697940681248	1	\$97.51	
Cup Brushes - Twist Knot Stainless Steel (INOX) Wire						
65	TBG 65/M14 INOX 0.35	43305003	4007220220740	1	\$46.65	
65	TBG 65/M10x1.50 INOX 0.35	47701480	4007220825983	1	\$46.65	
80	TBG 80/M14 INOX 0.35	43306033	4007220806678	1	\$104.99	
100	TBG 100/M14 INOX 0.35	43308033	4007220806685	1	\$120.04	

Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Shaft Mounted Pencil Brushes						
Crimped Steel Wire						
10 x 10	PBU 1010/6 ST 0.35	43204001	4007220153277	10	\$9.13	
13 x 12	PBU 1312/6 ST 0.35	43204101	4007220562581	10	\$9.91	
15 x 16	PBU 1516/6 ST 0.20	43203005	4007220530894	10	\$9.56	
15 x 16	PBU 1516/6 ST 0.35	43203001	4007220153253	10	\$10.58	
20 x 22	PBU 2022/6 ST 0.20	43202005	4007220530900	10	\$12.47	
20 x 22	PBU 2022/6 ST 0.50	43202001	4007220153222	10	\$12.22	
30 x 29	PBU 3029/6 ST 0.50	43201001	4007220153192	10	\$16.60	
Crimped Stainless Steel (INOX) Wire						
10 x 10	PBU 1010/6 INOX 0.35	43204003	4007220153291	10	\$11.84	
13 x 12	PBU 1312/6 INOX 0.35	43204103	4007220562604	10	\$12.90	
15 x 16	PBU 1516/6 INOX 0.35	43203003	4007220153260	10	\$14.30	
20 x 22	PBU 2022/6 INOX 0.50	43202003	4007220153246	10	\$16.60	
30 x 29	PBU 3029/6 INOX 0.50	43201003	4007220153215	10	\$25.58	
Crimped Brass Wire						
20 x 22	PBU 2022/6 MES 0.50	43202002	4007220153239	10	\$16.60	
SINGLETWIST Knot - Steel Wire						
10 x 10	PBGS 1010/6 ST 0.20	43218001	4007220659267	10	\$12.90	
10 x 10	PBGS 1010/6 ST 0.35	43218002	4007220659274	10	\$12.90	
10 x 10	PBGS 1010/6 ST 0.50	43218003	4007220659281	10	\$12.90	
SINGLETWIST Knot - Stainless Steel (INOX) Wire						
10 x 10	PBGS 1010/6 INOX 0.20	43218005	4007220659298	10	\$14.43	
10 x 10	PBGS 1010/6 INOX 0.35	43218006	4007220659304	10	\$14.43	
10 x 10	PBGS 1010/6 INOX 0.50	43218007	4007220659311	10	\$14.43	
Crimped - Steel Wire with Limiting Ring						
25 x 30	PBUR 2530/6 ST 0.20	43214001	4007220531006	10	\$ 22.58	
Crimped - Stainless Steel (INOX) Wire with Limiting Ring						
20 x 22	PBUR 2022/6 INOX 0.20	43213004	4007220531037	10	\$24.15	
Twist Knot - Steel Wire						
19 x 19	PBG 1919/6 ST 0.50	43207005	4007220531051	10	\$37.56	
30 x 28	PBG 3028/6 ST 0.50	43209002	4007220531075	10	\$39.14	
Twist Knot - Stainless Steel (INOX) Wire						
19 x 19	PBG 1919/6 INOX 0.60	43207007	4007220531082	10	\$45.03	
30 x 28	PBG 3028/6 INOX 0.60	43209005	4007220531105	10	\$46.65	
Encapsulated Steel Wire						
22 x 22	PBV 2222/6 ST 0.25	43208001	4007220153321	10	\$48.03	
Poliscratch Brush						
100 x 20	POS RBU 10020/M14 SC ST 0.60	43502102	4007220892459	1	\$98.84	
	ARBOR TO SUIT BO 8/M14	43595014	4007220900482	1	\$22.90	

Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Hand Scratch & Miscellaneous Brushes							
Hand Scratch Brushes - Steel Wire							
3 ROW	HBU 30 ST 0.35	43672001	4007220572207	10	\$3.94		
4 ROW	HBU 40 ST 0.35	43673001	4007220572214	10	\$4.48		
5 ROW	HBU 50 ST 0.35	43670001	4007220153741	10	\$4.64		
Hand Scratch Brushes - Stainless Steel (INOX) Wire							
2 ROW	HBU 20 INOX 0.30	43671003	4007220572221	10	\$9.01		
3 ROW	HBU 30 INOX 0.30	43672003	4007220572238	10	\$9.91		
4 ROW	HBU 40 INOX 0.30	43673003	4007220572245	10	\$11.34		
5 ROW	HBU 50 INOX 0.30	43670003	4007220572252	10	\$12.90		
Hand Scratch Brush - Brass (MES) Wire							
3 ROW	HBU 30 MES 0.30	43672002	4007220572535	10	\$9.42		
Hand Scratch Brushes - Steel Wire - Long Handle							
3 ROW	HBU 30 ST LH 0.35	43672011	4007220616840	10	\$7.90		
4 ROW	HBU 40 ST LH 0.35	43673011	4007220616857	10	\$10.50		
Hand Scratch Brush - Converged Steel Wire							
3 ROW	HBK 30 ST 0.35	43676001	4007220572481	10	\$11.34		
Hand Scratch Brush - Converged Stainless Steel (INOX) Wire							
3 ROW	HBK 30 INOX 0.35	43676003	4007220572498	10	\$18.81		
Hand Scratch Brushes - Plastic Handle - Curved Type - Premium							
265	HBG 10 ST 0.30 Steel	43660001	4007220153727	10	\$12.22		
265	HBG 10 INOX 0.30 Stainless Steel	43662003	4007220153734	10	\$22.58		
265	HBG 10 MES 0.30 Brass	43662002	4007220572672	10	\$22.58		
Hand Scratch Brushes - Plastic Handle - Curved Type - Economy							
265	POS HBG 10 ST PSF Steel	43740044	4007220764077	1	\$9.64		
265	POS HBG 10 INOX PSF Stainless Steel	43740045	4007220764282	1	\$9.64		
265	POS HBG 10 MES PSF Brass	43740043	4007220764060	1	\$9.64		
Welder's Toothbrush							
	Welder's Toothbrush 3x7 s/s Wood Handle	79185055	697940850552	36	\$4.69		
File Cleaning Brush							
232	HBF 10 ST 0.15 Steel	12601000	4007220015315	5	\$10.94		
IBU Interior Brushes Range							
8 x 80	IBU 0880/M6 ST 0.15	43679001	4007220659533	10	\$12.24	 STEEL	
8 x 80	IBU 0880/M6 INOX 0.15	43679003	4007220659540	10	\$20.33		
10 x 80	IBU 1080/M6 ST 0.15	43679011	4007220659571	10	\$13.55		
10 x 80	IBU 1080/M6 INOX 0.15	43679013	4007220659588	10	\$17.55		
12 x 80	IBU 1280/M6 ST 0.15	43679021	4007220659618	10	\$11.32		
12 x 80	IBU 1280/M6 INOX 0.15	43679023	4007220659625	10	\$20.33		
13 x 80	IBU 1380/M6 ST 0.20	43679031	4007220660447	10	\$11.32		
13 x 80	IBU 1380/M6 INOX 0.20	43679033	4007220660454	10	\$14.07		

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Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
IBU Interior Brushes Range (continued)						
IBU Interior Brushes Range						
15 x 80	IBU 1580/M6 ST 0.20	43679041	4007220660485	10	\$13.40	 STEEL  INOX  IBUV  IBUS 
15 x 80	IBU 1580/M6 INOX 0.20	43679043	4007220660515	10	\$14.75	
16 x 80	IBU 1680/M6 ST 0.20	43679051	4007220660546	10	\$11.46	
16 x 80	IBU 1680/M6 INOX 0.20	43679053	4007220660553	10	\$14.79	
18 x 80	IBU 1880/M6 ST 0.20	43679061	4007220660584	10	\$11.75	
18 x 80	IBU 1880/M6 INOX 0.20	43679063	4007220660591	10	\$20.33	
20 x 80	IBU 2080/M6 ST 0.20	43679071	4007220660621	10	\$11.97	
20 x 80	IBU 2080/M6 INOX 0.20	43679073	4007220660638	10	\$16.89	
	EXTENSION IBUV M6 300	43690211	4007220726884	1	\$20.58	
	EXTENSION IBUV M6 1000	43690200	4007220660782	1	\$23.30	
	WIRE SHAFT IBUS M6 1000	43690204	4007220660805	1	\$18.24	
	QUICK CHANGE HANDLE SWG-M6	43690208	4007220721803	1	\$22.17	
Point-Of-Sale Wire Display Packaging						
Twist Knot Wire						
19 x 19	POS PBG 1919/6 ST 0.35	43706001	4007220532416	1	\$39.14	 
30 x 28	POS PBG 3028/6 ST 0.35	43706005	4007220532423	1	\$40.59	
19 x 19	POS PBG 1919/6 INOX 0.35	43706002	4007220532430	1	\$48.69	
30 x 28	POS PBG 3028/6 INOX 0.35	43706006	4007220532447	1	\$53.34	
Pencil Crimped Wire						
15 x 16	POS PBU 1516/6 ST 0.35	43704001	4007220532256	1	\$11.59	 
20 x 22	POS PBU 2022/6 ST 0.50	43704005	4007220532263	1	\$13.04	
15 x 16	POS PBU 1516/6 INOX 0.35	43704002	4007220532287	1	\$15.23	
20 x 16	POS PBU 2022/6 INOX 0.50	43704006	4007220532294	1	\$18.02	
Shaft Mounted Twist Knot Wire						
70 x 6	POS RBG 7006/6 ST 0.35	43702001	4007220531969	1	\$22.32	 
70 x 6	POS RBG 7006/6 INOX 0.35	43702002	4007220531976	1	\$46.38	
Twist Knot Wire						
115 x 12	POS RBG 11512/22.2 ST 0.50 #102992	43740070	4007220102992	1	\$13.51	 
125 x 12	POS RBG 12512/22.2 ST 0.50 #133835	43740111	4007220133835	1	\$17.94	
125 x 12	POS RBG 12512/22.2 INOX 0.35 #219843	N! 47701745	4007220219843	1	\$47.71	
178 x 12	POS RBG 17813/22.2 ST 0.50 #103050	43740074	4007220103050	1	\$25.93	
Pipeline Brushes						
125 x 6	POS RBG 12506/22.2 ST 0.50 PIPE #103166	43740076	4007220103166	1	\$19.99	 
178 x 6	POS RBG 17806/22.2 ST 0.50 PIPE #103272	43740078	4007220103272	1	\$38.90	
Shaft Mounted Crimped Steel Wire						
50 x 15	POS RBU 5015/6.35 ST 0.30 #763872	43740004	4007220763872	1	\$5.08	 
30 x 6	POS RBU 3006/6 ST 0.20	43701005	4007220531808	1	\$11.75	
50 x 15	POS RBU 5015/6 ST 0.20	43701013	4007220531822	1	\$16.09	
70 x 15	POS RBU 7015/6 ST 0.30	43701017	4007220894606	1	\$16.52	
100 x 10	POS RBU 10010/6 ST 0.30	43701018	4007220894613	1	\$20.73	
30 x 6	POS RBU 3006/6 INOX 0.20	43701006	4007220531884	1	\$14.40	
50 x 15	POS RBU 5015/6 INOX 0.20	43701014	4007220531891	1	\$25.50	
70 x 15	POS RBU 7015/6 INOX 0.30	43701019	4007220894620	1	\$27.23	
100 x 10	POS RBU 10010/6 INOX 0.30	43701020	4007220894637	1	\$34.49	

Industrial Power Brushes

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Point-Of-Sale Wire Display Packaging (continued)						
Shaft Mounted Crimped Steel Wire Brushes						
50	POS TBU 5015/6.35 ST 0.30 #763858	43740003	4007220763858	1	\$5.94	 
50	POS TBU 5010/6 ST 0.30 SG	43703001	4007220532171	1	\$16.34	
50	POS TBU 5010/6 INOX 0.30 SG	43703002	4007220894651	1	\$27.39	
Crimped Wire Brushes						
65	POS TBU 65/M14 M10 ST 0.30 #133910U	47701011	4007220133910	1	\$10.27	 
60	POS TBU 60/M14 ST 0.30 Includes M10 x 1.5 thread adaptor	43468902	4007220153543	1	\$25.58	
Cup Brushes - Twist Knot Steel Wire						
65	POS TBG 65/M14 M10 ST 0.35 #133873U	47701009	4007220133873	1	\$14.80	 
65	POS TBG 65/M14 M10 INOX 0.35 #133897U	47701010	4007220133897	1	\$27.45	
100	POS TBG 100/M14 ST 0.35 #103609	43740101	4007220103609	1	\$22.69	
125	POS TBG 125/M14 ST 0.50 #133866	43740112	4007220133866	1	\$34.04	
65	POS TBG 65/M14 ST 0.35 Includes M10 x 1.5 thread adaptor	43305002	4007220153437	1	\$24.16	
Twist Knot Wire Brushes						
100	POS KBG 10013/M14 M10 ST 0.35 #133927U	47701012	4007220133927	1	\$15.13	 
100	POS KBG 10013/M14 M10 INOX 0.35 #133941U	47701013	4007220133941	1	\$31.15	
100	POS KBG 10013/M10 1.5 ST	79182207	697940822078	1	\$33.05	
100	POS KBG 10013/M10 1.5 INOX Includes M10 x 1.5 thread adaptor	79182323	697940823235	1	\$57.16	
Poliscratch Brush						
100 x 20	POS RBU 10020/M14 SC ST 0.60	43502102	4007220892459	1	\$98.84	 
	ARBOR TO SUIT BO 8/M14 (Not POS)	43595014	4007220900482	1	\$22.90	
Bench Brushes						
150	POS RBU 15020 T/51 ST 0.30 PSF (Inc. Buses)	43740015	4007220764190	1	\$24.95	 
200	POS RBU 20020 T/51 ST 0.30 PSF (Inc. Buses)	43740017	4007220764213	1	\$39.69	
Hand Scratch Brushes - Plastic Handle - Curved Type - Economy						
265	POS HBG 10 ST 0.30 #764077	43740044	4007220764077	1	\$9.64	 
265	POS HBG 10 INOX 0.30 #764282	43740045	4007220764282	1	\$9.64	
265	POS HBG 10 MES 0.30 #764060	43740043	4007220764060	1	\$9.64	
Wire Brush Set						
	Set BSO 5500 ST SG - 80pc Brush Set 6.0mm Shaft	43900001	4007220220962	1	\$791.31	
Contents:	10 pcs each of: RBU3006, RBU4009, RBU5015, RBU7015 TBU5010, PBU1010, PBU1516, PBU2022					

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Innovation

X-LOCK

General information



With the Bosch X-LOCK system for angle grinders, you can change tools quickly and comfortably. Instead of a round centre hole, the X-LOCK system features an X-shaped contour, which allows the tool to be fixed on the angle grinder in a form-fitting manner. This guarantees that different tools can be mounted securely and comfortably in the shortest possible time. The unique system meets the highest quality and safety standards and even withstands tough and challenging operating conditions.



Advantages:

- Quick and comfortable tool changes
- Tools are fixed securely since they audibly click into place
- Tools with X-LOCK can also be used on conventional angle grinders with an M14 and 5/8"-11 thread (exception: cup brushes)

Recommendations for use:

- Place the tool on the X-LOCK quick-change system of your angle grinder and secure it by lightly pressing it down. The tool will audibly click into place



PFERDVIDEO

You will receive more information here or at www.pferd.com.au

How it works:

Place the tool on the X-LOCK quick-change system in a form-fitting manner.

Lightly press the tool down until it audibly clicks into place.

Release the tool by using the lever.



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POLIVIES Surface Conditioning Flap Discs	115	High Performance SGP STRONG - Steel	115	Twist Knot - Steel Wire - Pipeliner	116
Cut-Off Wheels	115	High Performance SGP CURVE - Steel/INOX	115	Point-Of-Sale Cup Brushes	116
Flat Cut-Off Wheels - General Purpose - Steel/INOX	115	Fibre Disc	116	Twist Knot Steel Wire	116
Flat Cut-Off Wheels - Premium - Steel/INOX	115	Resin Fibre Disc - ACTIROX - STEEL	116	Twist Knot Stainless Steel (INOX) Wire	116
Grinding Wheels	115	Point-Of-Sale Wheel Brushes	116	Point-Of-Sale Crimped Cup Brushes	116
Grinding Wheels - General Purpose - Steel	115	Twist Knot - Steel Wire	116	Twist Knot Steel Wire	116
POLIFAN Flap Discs	115	Twist Knot - Stainless Steel (INOX) Wire	116	Twist Knot Stainless Steel (INOX) Wire	116
General Purpose PSF Zirconia - Steel/INOX	115				

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POLIVLIES Grinding Discs						
POLIVIES Surface Conditioning Flap Discs						
125 (5")	PVL 125 X-LOCK A 100 Coarse	44694211	4007220119860	5	\$30.15	
125 (5")	PVL 125 X-LOCK A 180 Medium	44694212	4007220119907	5	\$30.15	
125 (5")	PVL 125 X-LOCK A 240 Fine	44694213	4007220119914	5	\$30.15	
Cut-Off Wheels						
Flat Cut-Off Wheels - General Purpose - Steel/INOX						
125 (5")	EHT 125-1.0 PSF STEELOX/X-LOCK	61721101	4007220236628	25	\$4.00	
125 (5")	EHT 125-1.6 PSF STEELOX/X-LOCK	61721124	4007220236642	25	\$4.25	
Flat Cut-Off Wheels - Premium - Steel/INOX						
125 (5")	EHT 125-1.0 SG STEELOX/X-LOCK	61341113	4007220236482	25	\$5.15	
125 (5")	EHT 125-1.6 SG STEELOX/X-LOCK	61341123	4007220236529	25	\$5.55	
Grinding Wheels						
Grinding Wheels - General Purpose - Steel						
125 (5")	E 125-7 PSF STEEL/X-LOCK	62011125	4007220241530	10	\$5.30	
POLIFAN - Flap Discs						
General Purpose PSF Zirconia - Steel/INOX						
125 (5")	PFC 125 Z40 PSF STEELOX/X-LOCK	67664126	4007220575475	10	\$15.90	
125 (5")	PFC 125 Z60 PSF STEELOX/X-LOCK	67666126	4007220226780	10	\$15.90	
125 (5")	PFC 125 Z80 PSF STEELOX/X-LOCK	67668126	4007220511664	10	\$15.90	
Premium SG Zirconia POWER - Steel/INOX						
125 (5")	PFC 125 Z40 SG POWER STEELOX/X-LOCK	67784126	4007220704790	10	\$20.69	
125 (5")	PFC 125 Z60 SG POWER STEELOX/X-LOCK	67786126	4007220004173	10	\$20.69	
125 (5")	PFC 125 Z80 SG POWER STEELOX/X-LOCK	67788127	4007220714409	10	\$20.69	
High Performance SGP STRONG - Steel						
125 (5")	PFC 125 Z36 SGP STRONG STEEL/X-LOCK	67788026	4007220113752	10	\$39.50	
125 (5")	PFC 125 Z50 SGP STRONG STEEL/X-LOCK	67788128	4007220113769	10	\$39.50	
High Performance SGP CURVE - Steel/INOX						
125 (5")	PFR 125-M Z40 SGP CURVE STEELOX/X-LOCK	67689053	4007220113790	10	\$25.47	
125 (5")	PFR 125-L Z40 SGP CURVE STEELOX/X-LOCK	67689063	4007220113806	10	\$25.47	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fibre Disc							
Resin Fibre Disc - ACTIROX - STEEL							
125 (5")	SX E AF799 125x22 #36 ACTIROX 050	75488079	4018875885048	50	\$5.96	              	
Point-Of-Sale Wheel Brushes							
Twist Knot - Steel Wire							
125 x 12	POS RBG 12512/X-LOCK ST 0.50	43303035	4007220118764	1	\$45.22		
Twist Knot - Stainless Steel (INOX) Wire							
125 x 12	POS RBG 12512/X-LOCK INOX 0.50	43303038	4007220118771	1	\$97.71		
Point-Of-Sale Wheel Brush, Pipeline							
Twist Knot - Steel Wire - Pipeliner							
125 x 6	POS RBG 12506/X-LOCK PIPE ST 0.50	43302521	4007220119136	1	\$74.32		
Point-Of-Sale Cup Brushes							
Twist Knot Steel Wire							
65	POS TBG 65/X-LOCK ST 0.35	43305025	4007220119457	1	\$29.11		
65	POS TBG 65/X-LOCK ST 0.50	43305026	4007220119532	1	\$32.22		
80	POS TBG 80/X-LOCK ST 0.50	43306036	4007220119686	1	\$54.05		
Twist Knot Stainless Steel (INOX) Wire							
65	POS TBG 65/X-LOCK INOX 0.35	43305027	4007220119624	1	\$56.13		
65	POS TBG 65/X-LOCK INOX 0.50	43305028	4007220119631	1	\$55.09		
80	POS TBG 80/X-LOCK INOX 0.50	43306037	4007220119730	1	\$125.99		
Point-Of-Sale Crimped Cup Brushes							
Twist Knot Steel Wire							
60	POS TBU 60/X-LOCK ST 0.30	43468922	4007220119150	1	\$30.77		
75	POS TBU 75/X-LOCK ST 0.30	43469006	4007220119327	1	\$41.79		
Twist Knot Stainless Steel (INOX) Wire							
60	POS TBU 60/X-LOCK INOX 0.30	43468925	4007220119198	1	\$40.54		
75	POS TBU 75/X-LOCK INOX 0.30	43469007	4007220119440	1	\$55.09		



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Discs

Sheets

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- Dome Grinding
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- Roll Grinding
- Sheet Grinding
- Turbine Grinding
- Centreless Polishing
- Flat Bar Polishing
- Metal Polishing
- Robotics
- Multi Tool Belts
- Discs Grinding & Finishing
- Pattern Making

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- Portable Belts
- Stroke Sanding Belts
- Wide Belts
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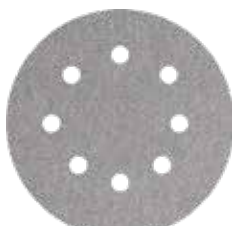
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Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products						
Silicon Carbide Waterproof Wet & Dry Sanding Paper 230 x 280mm						
230 x 280	BP-W ECO PAINT 230X280 SiC 60	45015254	4007220158289	50	\$1.25	
230 x 280	BP-W ECO PAINT 230X280 SiC 80	45015255	4007220158296	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 100	45015256	4007220158302	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 120	45015257	4007220158319	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 150	45015258	4007220158333	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 180	45015259	4007220158340	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 240	45015261	4007220158364	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 320	45015262	4007220158371	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 400	45015263	4007220158388	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 600	45015264	4007220158395	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC 800	45015265	4007220158401	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC1000	45015266	4007220158418	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC1200	45015267	4007220158425	50	\$1.04	
230 x 280	BP-W ECO PAINT 230X280 SiC2000	45015268	4007220158432	50	\$1.14	
Aluminium Oxide Dry Sanding Paper 230 x 280mm						
230 x 280	BP ECO AC 230X280 A 60	45015241	4007220158159	50	\$1.35	
230 x 280	BP ECO AC 230X280 A 80	45015242	4007220158166	50	\$1.25	
230 x 280	BP ECO AC 230X280 A 100	45015243	4007220158173	50	\$1.25	
230 x 280	BP ECO AC 230X280 A 120	45015244	4007220158180	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 150	45015245	4007220158197	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 180	45015246	4007220158203	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 220	45015247	4007220158210	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 240	45015248	4007220158227	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 320	45015249	4007220158234	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 400	45015250	4007220158241	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 600	45015251	4007220158258	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 800	45015252	4007220158265	50	\$1.14	
230 x 280	BP ECO AC 230X280 A 1000	45015253	4007220158272	50	\$1.14	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
I-CAR Aluminium Oxide Stearated 'C' Weight Paper 230 x 280mm						
230 x 280	B -I-CAR 230x280 #60	75600773	9324922015937	25	\$1.95	
230 x 280	B -I-CAR 280x230 #80	75600776	9324922015944	50	\$1.95	
230 x 280	B -I-CAR 230x280 #100	75600777	9324922015814	100	\$1.86	
230 x 280	B -I-CAR 230x280 #120	75600768	9324922015821	100	\$1.73	
230 x 280	B -I-CAR 230x280 #150	75600778	9324922015838	100	\$1.52	
230 x 280	B -I-CAR 280x230 #180	75600770	9324922015845	100	\$1.52	
230 x 280	B -I-CAR 230X280 #240	75600769	9324922015852	100	\$1.52	
230 x 280	B -I-CAR 230x280 #320	75600771	9324922015869	100	\$1.52	
230 x 280	B -I-CAR 230x280 #400	75600774	9324922015876	100	\$1.52	
Paper Velstick Sheet - I-CARV Aluminium Oxide Stearated 'C' Weight 115 x 228mm - 10 Hole						
115 x 228	B -I-CAR-V 115x228 #80 10HOLE	75600622	8010626063022	100	\$2.70	
115 x 228	B -I-CAR-V 115x228 #120 10HOLE	75600624	8010626063046	100	\$2.67	
115 x 228	B -I-CAR-V 115x228 #180 10HOLE	75600626	8010626063060	100	\$2.67	
Paper Velstick Sheet - I-CARV Aluminium Oxide Stearated 'C' Weight 93 x 178mm - 8 Hole						
93 x 178	B -I-CAR-V 93x178 #80 8HOLE	75600629	8010626063220	100	\$1.31	
93 x 178	B -I-CAR-V 93x178 #120 8HOLE	75600630	8010626063244	100	\$1.28	
93 x 178	B -I-CAR-V 93x178 #180 8HOLE	75600631	8010626063268	100	\$1.28	
Velcro Sanding Discs - Aluminium Oxide 125mm - No Hole						
125	KSS ECO AC 125 A 60	45017808	4007220187272	25	\$0.78	
125	KSS ECO AC 125 A 80	45017809	4007220193952	25	\$0.68	
125	KSS ECO AC 125 A 100	45017810	4007220194027	25	\$0.68	
125	KSS ECO AC 125 A 120	45017811	4007220194164	25	\$0.68	
125	KSS ECO AC 125 A 150	45017812	4007220194430	25	\$0.68	
125	KSS ECO AC 125 A 180	45017813	4007220194720	25	\$0.68	
125	KSS ECO AC 125 A 240	45017815	4007220194799	25	\$0.68	
125	KSS ECO AC 125 A 320	45017816	4007220194805	25	\$0.68	
125	KSS ECO AC 125 A 400	45017817	4007220194980	25	\$0.68	
125	KSS ECO AC 125 A 600	45017819	4007220195239	25	\$0.68	
125	KSS ECO AC 125 A 800	45017820	4007220196314	25	\$0.68	
125	KSS ECO AC 125 A 1000	45017821	4007220196533	25	\$0.68	
Velcro Sanding Discs - Aluminium Oxide 125mm - 8 Hole						
125	KSS ECO AC 125 8L A 60	45017822	4007220196649	25	\$0.88	
125	KSS ECO AC 125 8L A 80	45017823	4007220196939	25	\$0.78	
125	KSS ECO AC 125 8L A 100	45017824	4007220196946	25	\$0.78	
125	KSS ECO AC 125 8L A 120	45017825	4007220197806	25	\$0.78	
125	KSS ECO AC 125 8L A 150	45017826	4007220198032	25	\$0.78	
125	KSS ECO AC 125 8L A 180	45017827	4007220198254	25	\$0.78	
125	KSS ECO AC 125 8L A 240	45017829	4007220198476	25	\$0.78	
125	KSS ECO AC 125 8L A 320	45017830	4007220198568	25	\$0.78	
125	KSS ECO AC 125 8L A 400	45017831	4007220198889	25	\$0.78	
125	KSS ECO AC 125 8L A 600	45017832	4007220198995	25	\$0.78	
125	KSS ECO AC 125 8L A 800	45017833	4007220199145	25	\$0.78	
125	KSS ECO AC 125 8L A 1000	45017834	4007220199169	25	\$0.78	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Coated Abrasive Products (continued)							
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 125mm - No Hole							
125	S-E28-V 125 #40	75600692	8010626042904	50	\$1.33		
125	S-E28-V 125 #60	75600693	8010626042928	50	\$1.16		
125	S-E28-V 125 #80	75600694	8010626042935	50	\$1.08		
125	S-E28-V 125 #100	75600686	8010626042942	100	\$1.08		
125	S-E28-V 125 #120	75600687	8010626042959	100	\$1.08		
125	S-E28-V 125 #150	75600688	8010626042966	100	\$1.08		
125	S-E28-V 125 #180	75600689	8010626042973	100	\$1.08		
125	S-E28-V 125 #240	75600690	8010626042997	100	\$1.08		
125	S-E28-V 125 #320	75600691	8010626043024	100	\$1.08		
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 125mm - 8 Hole							
125	S-E28-V 125 #40 8 HOLE	75600695	8010626043109	50	\$1.33		
125	S-E28-V 125 #60 8 HOLE	75600696	8010626043123	50	\$1.16		
125	S-E28-V 125 #80 8 HOLE	75600697	8010626043130	50	\$1.08		
125	S-E28-V 125 #100 8 HOLE	75600740	8010626043147	100	\$1.08		
125	S-E28-V 125 #120 8 HOLE	75600741	8010626043154	100	\$1.08		
125	S-E28-V 125 #150 8 HOLE	75600742	8010626043161	100	\$1.08		
125	S-E28-V 125 #180 8 HOLE	75600743	8010626043178	100	\$1.08		
125	S-E28-V 125 #240 8 HOLE	75600744	8010626043192	100	\$1.08		
125	S-E28-V 125 #320 8 HOLE	75600745	8010626043215	100	\$1.08		
Velcro Sanding Discs - Aluminium Oxide 150mm - No Hole							
150	S-I-CAR-V 150 #40	75600699	8010626061004	50	\$1.58		
150	KSS ECO AC 150 A 60	45017835	4007220199497	25	\$1.04		
150	KSS ECO AC 150 A 80	45017836	4007220199510	25	\$0.88		
150	KSS ECO AC 150 A 100	45017837	4007220199534	25	\$0.88		
150	KSS ECO AC 150 A 120	45017838	4007220199572	25	\$0.88		
150	KSS ECO AC 150 A 150	45017839	4007220199688	25	\$0.88		
150	KSS ECO AC 150 A 180	45017840	4007220199695	25	\$0.88		
150	KSS ECO AC 150 A 240	45017842	4007220202357	25	\$0.88		
150	KSS ECO AC 150 A 320	45017843	4007220202821	25	\$0.88		
150	KSS ECO AC 150 A 400	45017844	4007220202982	25	\$0.88		
150	KSS ECO AC 150 A 600	45017845	4007220203248	25	\$0.88		
150	KSS ECO AC 150 A 800	45017846	4007220204214	25	\$0.88		
150	KSS ECO AC 150 A 1000	45017847	4007220204535	25	\$0.88		
Velcro Sanding Discs - Aluminium Oxide 150mm - 15 Hole							
150	S-I-CAR-V 150 15L A 40	75600746	8010626061301	50	\$1.58		
150	KSS ECO AC 150 15L A 60	45017848	4007220204818	25	\$1.14		
150	KSS ECO AC 150 15L A 80	45017849	4007220205648	25	\$1.04		
150	KSS ECO AC 150 15L A 100	45017850	4007220206102	25	\$1.04		
150	KSS ECO AC 150 15L A 120	45017851	4007220206225	25	\$1.04		
150	KSS ECO AC 150 15L A 150	45017852	4007220206263	25	\$1.04		
150	KSS ECO AC 150 15L A 180	45017853	4007220206331	25	\$1.04		
150	KSS ECO AC 150 15L A 240	45017855	4007220206546	25	\$1.04		
150	KSS ECO AC 150 15L A 320	45017856	4007220207314	25	\$1.04		
150	KSS ECO AC 150 15L A 400	45017857	4007220207512	25	\$1.04		
150	KSS ECO AC 150 15L A 600	45017858	4007220207529	25	\$1.04		
150	KSS ECO AC 150 15L A 800	45017859	4007220207550	25	\$1.04		
150	KSS ECO AC 150 15L A 1000	45017860	4007220207659	25	\$1.04		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Coated Abrasive Products (continued)							
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 150mm - No Hole							
150	S -E28-V 150 #40	75600643	8010626050909	50	\$1.73		
150	S -E28-V 150 #60	75600644	8010626050923	50	\$1.52		
150	S -E28-V 150 #80	75600645	8010626050930	50	\$1.42		
150	S -E28-V 150 #100	75600646	8010626050947	100	\$1.33		
150	S -E28-V 150 #120	75600647	8010626050954	100	\$1.33		
150	S -E28-V 150 #150	75600648	8010626050961	100	\$1.33		
150	S -E28-V 150 #180	75600649	8010626050978	100	\$1.33		
150	S -E28-V 150 #240	75600596	8010626050992	100	\$1.33		
150	S -E28-V 150 #320	75600677	8010626051012	100	\$1.33		
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 150mm - 15 hole - (suits 6 & 9 hole backing pads)							
150	S -E28-V 150 #40 15 HOLE	75600683	8010626051302	50	\$1.73		
150	S -E28-V 150 #60 15 HOLE	75600684	8010626051326	50	\$1.52		
150	S -E28-V 150 #80 15 HOLE	75600685	8010626051333	100	\$1.42		
150	S -E28-V 150 #100 15 HOLE	75600678	8010626051340	100	\$1.33		
150	S -E28-V 150 #120 15 HOLE	75600679	8010626051357	100	\$1.33		
150	S -E28-V 150 #150 15 HOLE	75600680	8010626051364	100	\$1.33		
150	S -E28-V 150 #180 15 HOLE	75600681	8010626051371	100	\$1.33		
Note: should you require a 6 hole please advise at time of order to ensure correct supply while stock is transitioned to 15 hole							
VELCRO-BACKED KSS NET Discs - Aluminium Oxide - 150mm FOR DUST FREE SANDING*							
150	KSS NET 150 A 80	45018012	4007220105313	25	\$2.54		
150	KSS NET 150 A 100	45018013	4007220105320	25	\$2.54		
150	KSS NET 150 A 120	45018014	4007220105337	25	\$2.54		
150	KSS NET 150 A 150	45018015	4007220105344	25	\$2.54		
150	KSS NET 150 A 180	45018016	4007220105351	25	\$2.54		
150	KSS NET 150 A 320	45018018	4007220105375	25	\$2.54		
150	KSS NET 150 A 400	45018019	4007220105382	25	\$2.54		
150	KSS NET 150 A 600	45018020	4007220105399	25	\$2.53		
150	KSS NET 150 A 800	45018021	4007220105405	25	\$2.53		
150	KSS NET 150 A 1000	45018022	4007220105412	25	\$2.53		
KSS NET Type Backing Pad - 150mm - FOR DUST FREE SANDING *							
150	VELCRO-BACKED DISC HOLDER KSS-H 150-5/16 N!	45017779	4007220158104	1	\$72.65		
* When used with KSS NET backing pad & appropriate dust extraction unit							

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
Delta Type Velstick Discs - E28 Aluminium Oxide Stearated 'E' Weight 93 x 93mm - 6 Hole						
93 x 93	PF_DELTA -E28-V 93x93 #40 6H	75601446	9324922016132	100	\$1.18	
93 x 93	PF_DELTA -E28-V 93x93 #60 6H	75601431	9324922016149	100	\$1.18	
93 x 93	PF_DELTA -E28-V 93x93 #80 6H	75601434	9324922016156	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #100 6H	75601433	9324922016163	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #120 6H	75601435	9324922016170	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #150 6H	75600953	9324922016187	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #180 6H	75600954	9324922016194	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #240 6H	75600955	9324922016200	100	\$1.10	
93 x 93	PF_DELTA -E28-V 93x93 #320 6H	75600956	9324922016217	100	\$1.10	
Delta Type Velstick Discs - E28 Aluminium Oxide Stearated 'E' Weight 100 x 145mm - 7 Hole						
100 x 145	PF_DELTA -E28-V 100x145 #40 7H	75600904	9324922016231	100	\$2.38	
100 x 145	PF_DELTA -E28-V 100x145 #60 7H	75600905	9324922016248	100	\$2.10	
100 x 145	PF_DELTA -E28-V 100x145 #80 7H	75600906	9324922016255	100	\$2.10	
100 x 145	PF_DELTA -E28-V 100x145 #120 7H	75600907	9324922016279	100	\$1.95	
100 x 145	PF_DELTA -E28-V 100x145 #180 7H	75600908	9324922016293	100	\$1.95	
100 x 145	PF_DELTA -E28-V 100x145 #240 7H	75600909	9324922016309	100	\$1.95	
100 x 145	PF_DELTA -E28-V 100x145 #320 7H	75600910	9324922016316	100	\$1.95	
Painter's Rolls - Aluminium Oxide						
120 x 25M	R -I-CAR 120x25 #40	75603023	9324922017399	1	\$83.74	
120 x 25M	R -I-CAR 120x25 #60	75601305	9324922017320	1	\$64.40	
120 x 25M	R -I-CAR 120x25 #80	75601306	9324922017337	1	\$63.64	
120 x 25M	R -I-CAR 120x25 #100	75601338	9324922017382	1	\$58.13	
120 x 25M	R -I-CAR 120x25 #120	75601308	9324922017344	1	\$52.84	
120 x 25M	R -BLC 120x25 #150	75601309	9324922017351	1	\$52.84	
120 x 25M	R -BLC 120x25 #180	75601310	9324922017368	1	\$52.84	
120 x 25M	R -I-CAR 120x25 #240	75601311	9324922017375	1	\$52.84	
120 x 25M	R -I-CAR 120x25 #320	75603194	9324922017405	1	\$52.84	
Sponge Rolls - I-CAR/S Aluminium Oxide Stearated 'C' Weight						
115 x 25M	I-CAR/S SPONGE ROLL 115MM X 25M A120	75600673	8010626018824	1	\$153.95	
115 x 25M	I-CAR/S SPONGE ROLL 115MM X 25M A150	75640075	8010626018831	1	\$153.95	
115 x 25M	I-CAR/S SPONGE ROLL 115MM X 25M A180	75600652	8010626018848	1	\$153.95	
115 x 25M	I-CAR/S SPONGE ROLL 115MM X 25M A240	75600653	8010626018862	1	\$153.95	
115 x 25M	I-CAR/S SPONGE ROLL 115MM X 25M A320	75600674	8010626018886	1	\$153.95	
SP10 Sponge Blocks						
100 x 70 x 25	SP10 SPONGE 100 X 70 X 25MM COARSE	75600654	8010626039997	50	\$2.42	
100 x 70 x 25	SP10 SPONGE 100 X 70 X 25MM MEDIUM	75600655	8010626039980	50	\$2.42	
100 x 70 x 25	SP10 SPONGE 100 X 70 X 25MM FINE	75600672	8010626039973	50	\$2.42	
SP30 Sponge Pads						
100 x 125 x 12	SP30 SPONGE 100 X 125 X 12MM COARSE 60	75600600	8010626039935	100	\$2.23	
100 x 125 x 12	SP30 SPONGE 100 X 125 X 12MM MEDIUM 100	75600656	8010626039928	100	\$2.23	
100 x 125 x 12	SP30 SPONGE 100 X 125 X 12MM FINE 220	75600657	8010626039911	100	\$2.23	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Coated Accessories							
Starter Kits - PSA/Velstick Convert Standard Backing Pad for Velstick Discs							
115	S -START 115	75601604	9324922016330	5	\$7.53		
125	S -START 125	75601605	9324922016347	5	\$8.34		
125	S -START 125 8 HOLE	75601241	9324922016354	5	\$8.34		
150	S -START 150	75601606	9324922016361	5	\$10.67		
150	S -START 150 15 HOLE	75601106	9324922016385	5	\$10.67		
95 x 190	B -START 95x190	75601152	9324922016392	5	\$8.34		
115 x 230	B -START 115x230	75601189	9324922016408	5	\$12.98		
Slip Cloth - Graphite Impregnated (Reduced Friction on Belt Sanders)							
100 x 1524	B UK20 100x1524	75600662	9324922016422	1	\$64.26		
150 x 1524	B UK20 150x1524	75600663	9324922016439	1	\$103.93		
200 x 1524	B UK20 200x1524	75600664	9324922016446	1	\$116.61		
533 x 1524	B UK20 533x1524	75600665	9324922016453	1	\$292.94		
Restorer Stick							
35 x 35 x 200	35x35x200 RESTORER STICK	75602503	9324922016590	1	\$29.18		
Backing Pads - Velstick							
125	125mm Backing Pad - Velstick Hook Type 8 HOLE Suit 5/16" & 3/8" threads	47600055	4007220818961	1	\$34.00		
150	150mm Backing Pad - Velstick Hook Type 15 HOLE Suit 5/16" & 3/8" threads Also suits Plain, 6 and 9 Hole	75600661	9324922015906	1	\$49.00		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POS Packaging - Sanding Discs						
SANDING VELCRO DISCS - 125mm - 8 Hole (5 DISCS PER PACK)						
125	POS KSS ECO AC 125 8L A 60 Grit/5	45017889	4007220213513	1	\$4.99	
125	POS KSS ECO AC 125 8L A 80 Grit/5	45017890	4007220215340	1	\$4.99	
125	POS KSS ECO AC 125 8L A 100 Grit/5	45017891	4007220215449	1	\$4.99	
125	POS KSS ECO AC 125 8L A 120 Grit/5	45017892	4007220215456	1	\$4.99	
125	POS KSS ECO AC 125 8L A 150 Grit/5	45017893	4007220215463	1	\$4.99	
125	POS KSS ECO AC 125 8L A 180 Grit/5	45017894	4007220215470	1	\$4.99	
125	POS KSS ECO AC 125 8L A 240 Grit/5	45017896	4007220216347	1	\$4.99	
125	POS KSS ECO AC 125 8L A 320 Grit/5	45017897	4007220216354	1	\$4.99	
125	POS KSS ECO AC 125 8L A 400 Grit/5	45017898	4007220216361	1	\$4.99	
125	POS KSS ECO AC 125 8L A 600 Grit/5	45017899	4007220216378	1	\$4.99	
125	POS KSS ECO AC 125 8L A 800 Grit/5	45017900	4007220216385	1	\$4.99	
125	POS KSS ECO AC 125 8L A 1000 Grit/5	45017901	4007220216392	1	\$4.99	
SANDING VELCRO DISCS - 125mm - No Hole (5 DISCS PER PACK)						
125	POS KSS ECO AC 125 A 60 Grit/5	45017902	4007220216408	1	\$4.99	
125	POS KSS ECO AC 125 A 80 Grit/5	45017903	4007220216415	1	\$4.99	
125	POS KSS ECO AC 125 A 100 Grit/5	45017904	4007220216422	1	\$4.99	
125	POS KSS ECO AC 125 A 120 Grit/5	45017905	4007220216439	1	\$4.99	
125	POS KSS ECO AC 125 A 150 Grit/5	45017906	4007220216446	1	\$4.99	
125	POS KSS ECO AC 125 A 180 Grit/5	45017907	4007220216460	1	\$4.99	
125	POS KSS ECO AC 125 A 240 Grit/5	45017909	4007220216484	1	\$4.99	
125	POS KSS ECO AC 125 A 320 Grit/5	45017910	4007220216491	1	\$4.99	
125	POS KSS ECO AC 125 A 400 Grit/5	45017911	4007220216507	1	\$4.99	
125	POS KSS ECO AC 125 A 600 Grit/5	45017912	4007220216514	1	\$4.99	
125	POS KSS ECO AC 125 A 800 Grit/5	45017913	4007220216521	1	\$4.99	
125	POS KSS ECO AC 125 A 1000 Grit/5	45017914	4007220216538	1	\$4.99	
SANDING VELCRO DISCS - 150mm - 15 Hole (5 DISCS PER PACK)						
150	POS KSS ECO AC 150 15L A 60 Grit/5	45017915	4007220216552	1	\$6.76	
150	POS KSS ECO AC 150 15L A 80 Grit/5	45017916	4007220216712	1	\$6.24	
150	POS KSS ECO AC 150 15L A 100 Grit/5	45017917	4007220216729	1	\$6.24	
150	POS KSS ECO AC 150 15L A 120 Grit/5	45017918	4007220216736	1	\$6.24	
150	POS KSS ECO AC 150 15L A 150 Grit/5	45017919	4007220216743	1	\$6.24	
150	POS KSS ECO AC 150 15L A 180 Grit/5	45017920	4007220216750	1	\$6.24	
150	POS KSS ECO AC 150 15L A 240 Grit/5	45017922	4007220216774	1	\$6.24	
150	POS KSS ECO AC 150 15L A 320 Grit/5	45017923	4007220216781	1	\$6.24	
150	POS KSS ECO AC 150 15L A 400 Grit/5	45017924	4007220216798	1	\$6.24	
150	POS KSS ECO AC 150 15L A 600 Grit/5	45017925	4007220216804	1	\$6.24	
150	POS KSS ECO AC 150 15L A 800 Grit/5	45017926	4007220216811	1	\$6.24	
150	POS KSS ECO AC 150 15L A 1000 Grit/5	45017927	4007220216828	1	\$6.24	
SANDING VELCRO DISCS - 150mm - No Hole (5 DISCS PER PACK)						
150	POS KSS ECO AC 150 A 60 Grit/5	45017928	4007220216835	1	\$6.76	
150	POS KSS ECO AC 150 A 80 Grit/5	45017929	4007220216842	1	\$6.24	
150	POS KSS ECO AC 150 A 100 Grit/5	45017930	4007220216859	1	\$6.24	
150	POS KSS ECO AC 150 A 120 Grit/5	45017931	4007220216866	1	\$6.24	
150	POS KSS ECO AC 150 A 150 Grit/5	45017932	4007220216880	1	\$6.24	
150	POS KSS ECO AC 150 A 180 Grit/5	45017933	4007220216897	1	\$6.24	
150	POS KSS ECO AC 150 A 240 Grit/5	45017935	4007220216910	1	\$6.24	
150	POS KSS ECO AC 150 A 320 Grit/5	45017936	4007220216927	1	\$6.24	
150	POS KSS ECO AC 150 A 400 Grit/5	45017937	4007220216941	1	\$6.24	
150	POS KSS ECO AC 150 A 600 Grit/5	45017938	4007220216958	1	\$6.24	
150	POS KSS ECO AC 150 A 800 Grit/5	45017939	4007220216972	1	\$6.24	
150	POS KSS ECO AC 150 A 1000 Grit/5	45017940	4007220216989	1	\$6.24	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POS Packaging - Sanding Paper						
Silicon Carbide Waterproof Wet & Dry Sanding Paper 230 x 280mm (5 SHEETS PER PACK)						
230 x 280	BP-W ECO PAINT SIC 60 Grit/5	45017861	4007220207666	1	\$8.32	
230 x 280	BP-W ECO PAINT SIC 80 Grit/5	45017862	4007220207918	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 100 Grit/5	45017863	4007220208212	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 120 Grit/5	45017864	4007220208441	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 150 Grit/5	45017865	4007220208960	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 180 Grit/5	45017866	4007220208977	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 240 Grit/5	45017868	4007220209462	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 320 Grit/5	45017869	4007220209479	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 400 Grit/5	45017870	4007220209790	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 600 Grit/5	45017871	4007220210062	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 800 Grit/5	45017872	4007220210079	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 1000 Grit/5	45017873	4007220210086	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 1200 Grit/5	45017874	4007220210482	1	\$6.76	
230 x 280	BP-W ECO PAINT SIC 2000 Grit/5	45017875	4007220210550	1	\$6.76	
Aluminium Oxide Dry Sanding Paper 230 x 280mm (5 SHEETS PER PACK)						
230 x 280	BP ECO AC A 60 Grit/5	45017876	4007220210567	1	\$9.36	
230 x 280	BP ECO AC A 80 Grit/5	45017877	4007220210635	1	\$8.32	
230 x 280	BP ECO AC A 100 Grit/5	45017878	4007220210642	1	\$8.32	
230 x 280	BP ECO AC A 120 Grit/5	45017879	4007220210765	1	\$7.80	
230 x 280	BP ECO AC A 150 Grit/5	45017880	4007220210864	1	\$7.80	
230 x 280	BP ECO AC A 180 Grit/5	45017881	4007220211038	1	\$7.80	
230 x 280	BP ECO AC A 240 Grit/5	45017883	4007220211595	1	\$7.80	
230 x 280	BP ECO AC A 320 Grit/5	45017884	4007220211687	1	\$7.80	
230 x 280	BP ECO AC A 400 Grit/5	45017885	4007220211977	1	\$7.80	
230 x 280	BP ECO AC A 600 Grit/5	45017886	4007220212141	1	\$7.80	
230 x 280	BP ECO AC A 800 Grit/5	45017887	4007220212356	1	\$7.80	
230 x 280	BP ECO AC A 1000 Grit/5	45017888	4007220213360	1	\$7.80	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Imperial Retail Packs						
IMPERIAL - Aluminium Oxide Linishing Belts - Packs of 3						
75mm x 533mm						
75 x 533	IMX 75 X 533 40 Grit/3	75606579	8010626032141	1	\$11.83	
75 x 533	IMX 75 X 533 60 Grit/3	75606580	8010626032158	1	\$11.71	
75 x 533	IMX 75 X 533 80 Grit/3	75606581	8010626032165	1	\$11.56	
75 x 533	IMX 75 X 533 120 Grit/3	75606582	8010626032172	1	\$11.42	
75 x 533	IMX 75 X 533 180 Grit/3	75606583	8010626032189	1	\$11.42	
75mm x 610mm						
75 x 610	IMX 75 X 610 40 Grit/3	75606574	8010626032806	1	\$12.10	
75 x 610	IMX 75 X 610 60 Grit/3	75606575	8010626032813	1	\$11.71	
75 x 610	IMX 75 X 610 80 Grit/3	75606576	8010626032820	1	\$11.71	
75 x 610	IMX 75 X 610 120 Grit/3	75606577	8010626032837	1	\$11.71	
75 x 610	IMX 75 X 610 180 Grit/3	75606578	8010626032844	1	\$11.71	
100mm x 610mm						
100 x 610	IMX 100 X 610 40 Grit/3	75606569	8010626031793	1	\$14.72	
100 x 610	IMX 100 X 610 60 Grit/3	75606570	8010626031809	1	\$14.19	
100 x 610	IMX 100 X 610 80 Grit/3	75606571	8010626031816	1	\$14.05	
100 x 610	IMX 100 X 610 120 Grit/3	75606572	8010626031823	1	\$13.91	
100 x 610	IMX 100 X 610 180 Grit/3	75606573	8010626031830	1	\$13.91	
50mm x 914mm						
50 x 914	IMX 50 X 914 40 Grit/3	75606584	8010626032905	1	\$17.35	
50 x 914	IMX 50 X 914 60 Grit/3	75606585	8010626032912	1	\$16.94	
50 x 914	IMX 50 X 914 80 Grit/3	75606586	8010626032929	1	\$16.94	
50 x 914	IMX 50 X 914 120 Grit/3	75606587	8010626032936	1	\$16.80	
50 x 914	IMX 50 X 914 180 Grit/3	75606588	8010626032943	1	\$16.80	
50 x 914	IMX 50 X 914 1x 60/80/120 Grit	75606589	8010626032950	1	\$16.94	
50mm x 1220mm						
50 x 1220	IMX 50 X 1220 40 Grit/3	75606590	8010626032967	1	\$22.58	
50 x 1220	IMX 50 X 1220 60 Grit/3	75606591	8010626032974	1	\$22.02	
50 x 1220	IMX 50 X 1220 80 Grit/3	75606592	8010626032981	1	\$21.89	
50 x 1220	IMX 50 X 1220 120 Grit/3	75606593	8010626032998	1	\$21.89	
50 x 1220	IMX 50 X 1220 180 Grit/3	75606594	8010626033001	1	\$21.89	
50 x 1220	IMX 50 X 1220 1x 60/80/120 Grit	75606595	8010626033018	1	\$22.02	

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts						
File Sander Belts - Zirconia						
10 x 330	E07 ZK713T 10x330 #40	75435606	9324922003453	10	\$2.50	
10 x 330	E07 ZK713T 10x330 #60	75425043	9324922003460	10	\$2.38	
10 x 330	E07 ZK713T 10x330 #80	75425044	9324922003477	10	\$2.23	
10 x 330	E07 ZK713X 10x330 #100	75442466	9324922016125	10	\$2.23	
10 x 330	E07 ZK713X 10x330 #120	75425053	9324922003491	10	\$2.23	
12 x 610	E07 ZK713T 12x610 #40	75435607	9324922003521	10	\$3.32	
12 x 610	E07 ZK713T 12x610 #60	75435608	9324922003538	10	\$3.00	
12 x 610	E07 ZK713T 12x610 #80	75435609	9324922003545	10	\$2.82	
12 x 610	E07 ZK713X 12x610 #100	75442467	9324922003484	10	\$2.72	
12 x 610	E07 ZK713X 12x610 #120	75442468	9324922003569	10	\$2.72	
13 x 455	E07 ZK713T 13x455 #40	75435612	9324922003606	10	\$2.82	
13 x 455	E07 ZK713T 13x455 #60	75435613	9324922003613	10	\$2.50	
13 x 455	E07 ZK713T 13x455 #80	75415178	9324922003620	10	\$2.50	
13 x 455	E07 ZK713X 13x455 #100	75442469	9324922003637	10	\$2.38	
13 x 455	E07 ZK713X 13x455 #120	75442470	9324922003644	10	\$2.38	
20 x 520	E07 ZK713T 20x520 #40	75437254	9324922008748	10	\$3.00	
20 x 520	E07 ZK713T 20x520 #60	75437256	9324922010864	10	\$2.72	
20 x 520	E07 ZK713T 20x520 #80	75437257	9324922010871	10	\$2.72	
20 x 520	E07 ZK713X 20x520 #100	75436943	9324922010888	10	\$2.50	
20 x 520	E07 ZK713X 20x520 #120	75436596	9324922015746	10	\$2.50	
25 x 533	E07 ZK713T 25x533 #40	75435726	9324922010901	10	\$3.00	
25 x 533	E07 ZK713T 25x533 #60	75435727	9324922010918	10	\$2.50	
25 x 533	E07 ZK713T 25x533 #80	75435728	9324922010925	10	\$2.50	
25 x 533	E07 ZK713X 25x533 #100	75442471	9324922010932	10	\$2.50	
25 x 533	E07 ZK713X 25x533 #120	75431808	9324922010949	10	\$2.50	
30 x 533	E07 ZK713T 30x533 #40	75435616	9324922003705	10	\$3.60	
30 x 533	E07 ZK713T 30x533 #60	75435617	9324922003712	10	\$3.32	
30 x 533	E07 ZK713T 30x533 #80	75435618	9324922003729	10	\$3.09	
30 x 533	E07 ZK713X 30x533 #100	75425539	9324922003736	10	\$3.00	
30 x 533	E07 ZK713X 30x533 #120	75431788	9324922003743	10	\$3.00	
File Sander Belts - Aluminium Oxide						
10 x 330	E07 KK711X 10x330 #40	75436524	4018875397527	10	\$2.30	
10 x 330	E07 KK711T 10x330 #60	75427121	9324922003583	10	\$2.23	
10 x 330	E07 KK711T 10x330 #80	75410874	9324922003590	10	\$2.23	
10 x 330	E07 KK711X 10x330 #100	75433234	9324922010963	10	\$2.23	
10 x 330	E07 KK711X 10x330 #120	75415122	9324922010970	10	\$2.23	
12 x 610	E07 KK711T 12x610 #60	75411920	9324922011045	10	\$3.00	
12 x 610	E07 KK711T 12x610 #80	75415135	9324922011052	10	\$2.82	
12 x 610	E07 KK711X 12x610 #100	75436749	9324922011069	10	\$2.57	
12 x 610	E07 KK711X 12x610 #120	75415108	9324922011076	10	\$2.57	
13 x 455	E07 KK711X 13x455 #40	75427136	9324922004832	10	\$2.57	
13 x 455	E07 KK711T 13x455 #60	75412012	9324922004948	10	\$2.72	
13 x 455	E07 KK711T 13x455 #80	75417434	9324922004955	10	\$2.50	
13 x 455	E07 KK711X 13x455 #100	75438125	9324922011083	10	\$2.30	
13 x 455	E07 KK711X 13x455 #120	75428591	9324922011090	10	\$2.30	
20 x 520	E07 KK711X 20x520 #40	75436646	9324922005082	10	\$2.72	
20 x 520	E07 KK711T 20x520 #60	75410677	9324922011106	10	\$2.82	
20 x 520	E07 KK711T 20x520 #80	75437213	9324922007673	10	\$2.72	
20 x 520	E07 KK711X 20x520 #100	75427449	9324922005068	10	\$2.72	
20 x 520	E07 KK711X 20x520 #120	75428578	9324922005075	10	\$2.72	
25 x 533	E07 KK711X 25x533 #40	75438169	9324922016460	10	\$2.85	
25 x 533	E07 KK711T 25x533 #60	75435737	9324922011120	10	\$2.82	
25 x 533	E07 KK711T 25x533 #80	75435738	9324922011137	10	\$2.72	
25 x 533	E07 KK711X 25x533 #100	75438126	9324922011144	10	\$2.72	
25 x 533	E07 KK711X 25x533 #120	75440877	9324922011151	10	\$2.72	
30 x 533	E07 KK711X 30x533 #40	75427029	9324922011168	10	\$3.26	
30 x 533	E07 KK711T 30x533 #60	75419209	9324922011175	10	\$3.32	
30 x 533	E07 KK711T 30x533 #80	75436333	9324922011182	10	\$3.32	
30 x 533	E07 KK711X 30x533 #100	75428433	9324922005594	10	\$3.00	
30 x 533	E07 KK711X 30x533 #120	75427122	9324922007086	10	\$3.00	

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
File Sander Belts - Silicon Carbide						
10 x 330	E07 CK721X 10x330 #40	75435740	9324922010987	10	\$2.46	
10 x 330	E07 CK721X 10x330 #60	75435741	9324922010994	10	\$2.46	
10 x 330	E07 CK721X 10x330 #80	75437177	9324922011007	10	\$2.46	
10 x 330	E07 CK721X 10x330 #100	75435742	9324922011014	10	\$2.46	
10 x 330	E07 CK721X 10x330 #120	75436410	9324922011021	10	\$2.46	
12 x 610	E07 CK721X 12x610 #80	75435746	9324922011212	10	\$3.01	
12 x 610	E07 CK721X 12x610 #100	75435747	9324922011229	10	\$3.01	
12 x 610	E07 CK721X 12x610 #120	75435748	9324922011236	10	\$3.01	
13 x 455	E07 CK721X 13x455 #40	75435749	9324922011243	10	\$2.93	
13 x 455	E07 CK721X 13x455 #60	75435750	9324922011250	10	\$2.93	
13 x 455	E07 CK721X 13x455 #80	75430309	9324922011267	10	\$2.93	
13 x 455	E07 CK721X 13x455 #120	75431188	9324922011281	10	\$2.93	
20 x 520	E07 CK721X 20x520 #40	75437021	9324922011298	10	\$2.93	
20 x 520	E07 CK721X 20x520 #60	75437230	9324922011304	10	\$2.93	
20 x 520	E07 CK721X 20x520 #80	75430347	9324922011311	10	\$2.93	
20 x 520	E07 CK721X 20x520 #100	75430483	9324922011328	10	\$2.93	
20 x 520	E07 CK721X 20x520 #120	75431178	9324922011335	10	\$2.93	
20 x 520	E07 CK721X 20x520 #150	75435272	9324922011342	10	\$2.93	
20 x 520	E07 CK721X 20x520 #180	75436526	9324922011359	10	\$2.93	
20 x 520	E07 CK721X 20x520 #240	75437231	9324922011366	10	\$2.93	
20 x 520	E07 CK721X 20x520 #320	75436340	9324922011373	10	\$2.93	
20 x 520	E07 CK721X 20x520 #400	75436534	9324922011380	10	\$2.93	
25 x 533	E07 CK721X 25x533 #40	75437233	9324922011397	10	\$3.77	
25 x 533	E07 CK721X 25x533 #60	75437234	9324922011403	10	\$3.56	
25 x 533	E07 CK721X 25x533 #80	75437235	9324922011410	10	\$3.56	
25 x 533	E07 CK721X 25x533 #100	75436522	9324922011427	10	\$3.56	
25 x 533	E07 CK721X 25x533 #120	75437236	9324922011434	10	\$3.56	
25 x 533	E07 CK721X 25x533 #150	75437219	9324922011441	10	\$3.56	
25 x 533	E07 CK721X 25x533 #180	75437237	9324922011458	10	\$3.56	
25 x 533	E07 CK721X 25x533 #240	75437238	9324922011465	10	\$3.56	
25 x 533	E07 CK721X 25x533 #320	75437239	9324922011472	10	\$3.56	
25 x 533	E07 CK721X 25x533 #400	75437240	9324922011489	10	\$3.56	
File Sander Belts - Black Cork						
20 x 520	E07 CK917C 20x520 #400 BLACK	75476836	9324922019829	10	\$3.85	
20 x 520	E07 CLX808 20x520 #800 BLACK	75435722	9324922011618	10	\$3.85	
25 x 533	E07 CK917C 25x533 #600 BLACK	75476839	9324922019812	10	\$4.15	
25 x 533	E07 CLX808 25x533 #800 BLACK	75435743	9324922011649	10	\$4.15	
File Sander Belts - Yellow Cork						
20 x 520	E07 W445 20x520 YELLOW	75601540	9324922011687	10	\$4.47	
25 x 533	E07 W445 25x533 YELLOW	75601541	9324922011694	10	\$4.87	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
File Sander Belts - Surface Conditioning Material						
10 x 330	E07 KV707T 10x330 #100 COARSE (Brown)	75479444	9324922020078	10	\$4.32	
10 x 330	E07 KV707T 10x330 #180 MEDIUM (Maroon)	75410537	9324922020085	10	\$4.32	
10 x 330	E07 KV707T 10x330 #240 FINE (Blue)	75416082	9324922020092	10	\$4.32	
12 x 457	E07 KV707T 12x457 #100 COARSE (Brown)	75479445	9324922020108	10	\$5.40	
12 x 457	E07 KV707T 12x457 #180 MEDIUM (Maroon)	75464686	9324922020115	10	\$5.40	
12 x 457	E07 KV707T 12x457 #240 FINE (Blue)	75479446	9324922020122	10	\$5.40	
13 x 533	E07 KV707T 13x533 #100 COARSE (Brown)	75479450	9324922020177	10	\$6.48	
13 x 533	E07 KV707T 13x533 #180 MEDIUM (Maroon)	75479451	9324922020184	10	\$6.48	
13 x 533	E07 KV707T 13x533 #240 FINE (Blue)	75479452	9324922020191	10	\$6.48	
20 x 520	E07 KV707T 20x520 #100 COARSE (Brown)	75419050	4018875148167	10	\$7.56	
20 x 520	E07 KV707T 20x520 #180 Grit MEDIUM (Maroon)	75414412	4018875034859	10	\$7.56	
20 x 520	E07 KV707T 20x520 #240 FINE (Blue)	75418985	4018875034866	10	\$7.56	
25 x 610	E07 KV707T 25x160 #100 COARSE (Brown)	75479447	9324922020146	10	\$10.27	
25 x 610	E07 KV707T 25x160 #180 MEDIUM (Maroon)	75479448	9324922020153	10	\$10.27	
25 x 610	E07 KV707T 25x160 #240 FINE (Blue)	75479449	9324922020160	10	\$10.27	
30 x 533	E07 KV707T 30x533 #100 COARSE (Brown)	75452267	4018875974148	10	\$10.81	
30 x 533	E07 KV707T 30x533 #180 MEDIUM (Maroon)	75447763	4018875523643	10	\$10.81	
30 x 533	E07 KV707T 30x533 #240 FINE (Blue)	75447764	4018875967058	10	\$10.81	
30 x 610	E07 KV707T 30x610 #100 COARSE (Brown)	75481609	9324922020917	10	\$12.97	
30 x 610	E07 KV707T 30x610 #180 MEDIUM (Maroon)	75453794	4018875163573	10	\$12.97	
30 x 610	E07 KV707T 30x610 #240 FINE (Blue)	75453795	4018875658895	10	\$12.97	
Portable Sanding Belts - Silicon Carbide						
75 x 610	E07 CK721X 75x610 #40	75436762	9324922012226	10	\$6.39	
75 x 610	E07 CK721X 75x610 #60	75429958	9324922012233	10	\$6.39	
75 x 610	E07 CK721X 75x610 #80	75436765	9324922012240	10	\$6.27	
75 x 610	E07 CK721X 75x610 #100	75436763	9324922012257	10	\$6.12	
75 x 610	E07 CK721X 75x610 #120	75436764	9324922012264	10	\$6.12	
75 x 610	E07 CK721X 75x610 #180	75436767	9324922012288	10	\$6.12	
75 x 610	E07 CK721X 75x610 #240	75437023	9324922012295	10	\$6.12	
75 x 610	E07 CK721X 75x610 #320	75436958	9324922012301	10	\$6.12	
75 x 610	E07 CK721X 75x610 #400	75437153	9324922012561	10	\$6.12	
Portable Sanding Belts - Yellow Cork						
75 x 533	E07 W445 75x533 Yellow	75601001	9324922012431	10	\$11.28	
75 x 610	E07 W445 75x610 Yellow	75601005	9324922012448	10	\$12.69	
100 x 533	E07 W445 100x533 Yellow	75601006	9324922012455	10	\$14.61	
100 x 610	E07 W445 100x610 Yellow	75601002	9324922012462	10	\$21.12	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Portable Sanding Belts - Aluminium Oxide						
75 x 457	E07 KX 75x457 #24	75601555	9324922008762	10	\$4.69	
75 x 457	E07 KX 75x457 #36	75601556	9324922008779	10	\$4.69	
75 x 457	E07 KX 75x457 #40	75600836	9324922006935	10	\$4.40	
75 x 457	E07 KX 75x457 #60	75600837	9324922006942	10	\$4.40	
75 x 457	E07 KX 75x457 #80	75600838	9324922006959	10	\$4.40	
75 x 457	E07 KX 75x457 #100	75600839	9324922006966	10	\$4.40	
75 x 457	E07 KX 75x457 #120	75600840	9324922006973	10	\$4.40	
75 x 457	E07 KX 75x457 #150	75600841	9324922008786	10	\$4.40	
75 x 480	E07 KX 75x480 #36	75600847	9324922011953	10	\$4.66	
75 x 480	E07 KX 75x480 #40	75600848	9324922011960	10	\$4.40	
75 x 480	E07 KX 75x480 #60	75600849	9324922011977	10	\$4.40	
75 x 480	E07 KX 75x480 #80	75600850	9324922011984	10	\$4.40	
75 x 480	E07 KX 75x480 #100	75600843	9324922011991	10	\$4.40	
75 x 480	E07 KX 75x480 #120	75600844	9324922012004	10	\$4.40	
75 x 480	E07 KX 75x480 #150	75600845	9324922012011	10	\$4.40	
75 x 533	E07 KX 75x533 #24	75600854	9324922012554	10	\$4.79	
75 x 533	E07 KX 75x533 #36	75600855	9324922012028	10	\$4.79	
75 x 533	E07 KX 75x533 #40	75600812	9324922003804	10	\$4.40	
75 x 533	E07 KX 75x533 #60	75600813	9324922003811	10	\$4.40	
75 x 533	E07 KX 75x533 #80	75600814	9324922003828	10	\$4.40	
75 x 533	E07 KX 75x533 #100	75600811	9324922003835	10	\$4.40	
75 x 533	E07 KX 75x533 #120	75600851	9324922003842	10	\$4.40	
75 x 533	E07 KX 75x533 #150	75600852	9324922003859	10	\$4.40	
75 x 610	E07 KX 75x610 #24	75600859	9324922011113	10	\$4.98	
75 x 610	E07 KX 75x610 #36	75600860	9324922012035	10	\$4.98	
75 x 610	E07 KX 75x610 #40	75600815	9324922003866	10	\$4.98	
75 x 610	E07 KX 75x610 #60	75600824	9324922003873	10	\$4.79	
75 x 610	E07 KX 75x610 #80	75600861	9324922003880	10	\$4.79	
75 x 610	E07 KX 75x610 #100	75600862	9324922003897	10	\$4.79	
75 x 610	E07 KX 75x610 #120	75600856	9324922003903	10	\$4.79	
75 x 610	E07 KX 75x610 #150	75600857	9324922003910	10	\$4.79	
90 x 400	E07 KX 90x400 #24	75601139	9324922012523	10	\$6.19	
90 x 400	E07 KX 90x400 #36	75601140	9324922012042	10	\$6.19	
90 x 400	E07 KX 90x400 #40	75600863	9324922012059	10	\$6.12	
90 x 400	E07 KX 90x400 #60	75600864	9324922012066	10	\$6.12	
90 x 400	E07 KX 90x400 #80	75600865	9324922012073	10	\$6.12	
90 x 400	E07 KX 90x400 #100	75600866	9324922012080	10	\$6.12	
90 x 400	E07 KX 90x400 #120	75600867	9324922012097	10	\$6.12	
90 x 400	E07 KX 90x400 #150	75600868	9324922012103	10	\$6.12	
100 x 533	E07 KX 100x533 #24	75600804	9324922003675	10	\$6.12	
100 x 533	E07 KX 100x533 #36	75600805	9324922012110	10	\$6.12	
100 x 533	E07 KX 100x533 #40	75600806	9324922003927	10	\$6.12	
100 x 533	E07 KX 100x533 #60	75600807	9324922003934	10	\$6.12	
100 x 533	E07 KX 100x533 #80	75600808	9324922003941	10	\$6.12	
100 x 533	E07 KX 100x533 #100	75600803	9324922003958	10	\$6.12	
100 x 533	E07 KX 100x533 #120	75600809	9324922003965	10	\$6.12	
100 x 533	E07 KX 100x533 #150	75600810	9324922003972	10	\$6.12	
100 x 610	E07 KX 100x610 #24	75600822	9324922004061	10	\$6.12	
100 x 610	E07 KX 100x610 #36	75600823	9324922004078	10	\$6.12	
100 x 610	E07 KX 100x610 #40	75600581	9324922003989	10	\$3.54	
100 x 610	E07 KX 100x610 #60	75600583	9324922003996	10	\$3.54	
100 x 610	E07 KX 100x610 #80	75600584	9324922004009	10	\$3.20	
100 x 610	E07 KX 100x610 #100	75600579	9324922004016	10	\$3.20	
100 x 610	E07 KX 100x610 #120	75600580	9324922004023	10	\$3.20	
100 x 610	E07 KX 100x610 #150	75600582	9324922004030	10	\$3.20	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Aluminium Oxide - General Purpose						
50 x 914	E07 KK711X 50x914 #24	75435932	9324922018792	12	\$8.80	
50 x 914	E07 KK711X 50x914 #36	75435933	9324922018822	12	\$7.83	
50 x 914	E07 KK711X 50x914 #40	75435934	9324922018839	12	\$7.64	
50 x 914	E07 KK711X 50x914 #60	75435935	9324922018846	12	\$7.27	
50 x 914	E07 KK711X 50x914 #80	75435936	9324922018853	12	\$7.14	
50 x 914	E07 KK711X 50x914 #100	75435937	9324922018754	12	\$7.09	
50 x 914	E07 KK711X 50x914 #120	75435938	9324922018761	12	\$7.09	
50 x 914	E07 KK711X 50x914 #150	75435939	9324922018778	12	\$7.09	
50 x 914	E07 KK711X 50x914 #180	75435940	9324922018785	12	\$7.09	
50 x 914	E07 KK711X 50x914 #240	75435941	9324922018808	12	\$7.09	
50 x 914	E07 KK711X 50x914 #320	75437221	9324922018815	12	\$7.09	
50 x 1220	E07 KK711X 50x1220 #24	75435942	9324922018457	12	\$9.88	
50 x 1220	E07 KK711X 50x1220 #36	75435943	9324922018471	12	\$9.35	
50 x 1220	E07 KK711X 50x1220 #40	75439716	9324922018488	12	\$9.11	
50 x 1220	E07 KK711X 50x1220 #60	75401493	4018875355794	12	\$8.60	
50 x 1220	E07 KK711X 50x1220 #80	75403019	4018875355800	12	\$8.42	
50 x 1220	E07 KK711X 50x1220 #100	75414627	4018875376393	12	\$8.19	
50 x 1220	E07 KK711X 50x1220 #120	75418656	4018875825501	12	\$8.19	
50 x 1220	E07 KK711X 50x1220 #150	75401414	4018875458099	12	\$8.19	
50 x 1220	E07 KK711X 50x1220 #180	75403361	9324922018440	12	\$8.30	
50 x 1220	E07 KK711X 50x1220 #240	75435944	9324922018464	12	\$8.30	
50 x 1220	E07 KK711X 50x1220 #320	75432305	4018875437285	12	\$8.30	
50 x 1520	E07 KK711X 50x1520 #24	75465795	9324922019065	12	\$10.38	
50 x 1520	E07 KK711X 50x1520 #36	75435945	9324922018556	12	\$8.89	
50 x 1520	E07 KK711X 50x1520 #40	75435946	9324922018563	12	\$8.64	
50 x 1520	E07 KK711X 50x1520 #60	75435947	9324922018570	12	\$8.07	
50 x 1520	E07 KK711X 50x1520 #80	75442685	9324922018587	12	\$7.96	
50 x 1520	E07 KK711X 50x1520 #100	75435103	9324922018495	12	\$7.70	
50 x 1520	E07 KK711X 50x1520 #120	75435948	9324922018501	12	\$7.70	
50 x 1520	E07 KK711X 50x1520 #150	75444979	9324922018518	12	\$7.70	
50 x 1520	E07 KK711X 50x1520 #180	75435949	9324922018525	12	\$7.70	
50 x 1520	E07 KK711X 50x1520 #240	75435950	9324922018532	12	\$7.70	
50 x 1520	E07 KK711X 50x1520 #320	75435951	9324922018549	12	\$7.70	
50 x 2440	E07 KK511X 50x2440 #24	75436211	9324922012509	12	\$14.00	
50 x 2440	E07 KK711X 50x2440 #36	75435952	9324922018655	12	\$13.07	
50 x 2440	E07 KK711X 50x2440 #40	75435953	9324922018662	12	\$12.58	
50 x 2440	E07 KK711X 50x2440 #60	75435954	9324922018679	12	\$11.63	
50 x 2440	E07 KK711X 50x2440 #80	75428222	9324922018686	12	\$11.13	
50 x 2440	E07 KK711X 50x2440 #100	75435955	9324922018594	12	\$10.94	
50 x 2440	E07 KK711X 50x2440 #120	75440344	9324922018600	12	\$10.94	
50 x 2440	E07 KK711X 50x2440 #150	75435956	9324922018617	12	\$10.94	
50 x 2440	E07 KK711X 50x2440 #180	75435957	9324922018624	12	\$10.94	
50 x 2440	E07 KK711X 50x2440 #240	75435958	9324922018631	12	\$10.94	
50 x 2440	E07 KK711X 50x2440 #320	75428905	9324922018648	12	\$10.94	
50 x 4270	E07 KK711X 50x4270 #40	75462459	9324922018723	12	\$17.83	
50 x 4270	E07 KK711X 50x4270 #60	75440339	9324922018730	12	\$16.18	
50 x 4270	E07 KK711X 50x4270 #80	75435959	9324922018747	12	\$15.42	
50 x 4270	E07 KK711X 50x4270 #100	75462460	9324922018693	12	\$14.07	
50 x 4270	E07 KK711X 50x4270 #120	75435960	9324922018709	12	\$14.07	
50 x 4270	E07 KK711X 50x4270 #150	75466765	9324922019935	12	\$14.07	
50 x 4270	E07 KK711X 50x4270 #180	75472268	9324922019072	12	\$14.07	
50 x 4270	E07 KK711X 50x4270 #240	75435961	9324922018716	12	\$14.07	
50 x 4270	E07 KK711X 50x4270 #320	75437244	9324922019942	12	\$14.07	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Aluminium Oxide - General Purpose (continued)						
75 x 2000	E07 KK711X 75x2000 #24	75400916	4018875968123	12	\$17.66	
75 x 2000	E07 KK711X 75x2000 #36	75417613	4018875027356	12	\$16.66	
75 x 2000	E07 KK711X 75x2000 #40	75417160	4018875376645	12	\$16.18	
75 x 2000	E07 KK711X 75x2000 #60	75417161	4018875317303	12	\$15.16	
75 x 2000	E07 KK711X 75x2000 #80	75417162	4018875656365	12	\$14.67	
75 x 2000	E07 KK711X 75x2000 #100	75404187	4018875517246	12	\$14.31	
75 x 2000	E07 KK711X 75x2000 #120	75403788	4018875376669	12	\$14.31	
75 x 2000	E07 KK711X 75x2000 #150	75404399	4018875027363	12	\$14.31	
75 x 2000	E07 KK711X 75x2000 #180	75400753	4018875027370	12	\$14.31	
75 x 2000	E07 KK711X 75x2000 #240	75400792	4018875517260	12	\$14.31	
75 x 2000	E07 KK711X 75x2000 #320	75417612	9324922018860	12	\$14.31	
90 x 400	E07 KK711X 90x400 #24	75437473	9324922018914	10	\$6.96	
90 x 400	E07 KK711X 90x400 #36	75436821	9324922018938	10	\$6.71	
90 x 400	E07 KK711X 90x400 #40	75438016	9324922018945	10	\$6.58	
90 x 400	E07 KK711X 90x400 #60	75435836	9324922018952	10	\$6.34	
90 x 400	E07 KK711X 90x400 #80	75436403	9324922018969	10	\$6.29	
90 x 400	E07 KK711X 90x400 #100	75444710	9324922018877	10	\$6.21	
90 x 400	E07 KK711X 90x400 #120	75435719	9324922018884	10	\$6.21	
90 x 400	E07 KK711X 90x400 #150	75436481	9324922018891	10	\$6.21	
90 x 400	E07 KK711X 90x400 #180	75435720	9324922018907	10	\$6.21	
90 x 400	E07 KK711X 90x400 #240	75436404	9324922018921	10	\$6.21	
90 x 400	E07 KK711X 90x400 #320	75482176	9324922021419	10	\$6.21	
100 x 914	E07 KK711X 100x914 #24	75478975	9324922020238	6	\$17.23	
100 x 914	E07 KK711X 100x914 #36	75435963	9324922018297	6	\$15.50	
100 x 914	E07 KK711X 100x914 #40	75435538	9324922018303	6	\$15.11	
100 x 914	E07 KK711X 100x914 #60	75435964	9324922018327	6	\$14.41	
100 x 914	E07 KK711X 100x914 #80	75435965	9324922018334	6	\$14.08	
100 x 914	E07 KK711X 100x914 #100	75435966	9324922018242	6	\$13.93	
100 x 914	E07 KK711X 100x914 #120	75427526	9324922018259	6	\$13.93	
100 x 914	E07 KK711X 100x914 #150	75456592	9324922019003	6	\$13.93	
100 x 914	E07 KK711X 100x914 #180	75435967	9324922018266	6	\$13.93	
100 x 914	E07 KK711X 100x914 #240	75435968	9324922018273	6	\$13.93	
100 x 914	E07 KK711X 100x914 #320	75437212	9324922018280	6	\$13.93	
100 x 1220	E07 KK711X 100x1220 #24	75458359	9324922017917	6	\$17.68	
100 x 1220	E07 KK711X 100x1220 #36	75404295	4018875406281	6	\$16.60	
100 x 1220	E07 KK711X 100x1220 #40	75417620	9324922017931	6	\$13.93	
100 x 1220	E07 KK711X 100x1220 #60	75402529	4018875288115	6	\$13.18	
100 x 1220	E07 KK711X 100x1220 #80	75400894	4018875537633	6	\$12.80	
100 x 1220	E07 KK711X 100x1220 #100	75400895	4018875406267	6	\$12.56	
100 x 1220	E07 KK711X 100x1220 #120	75405128	4018875537695	6	\$12.56	
100 x 1220	E07 KK711X 100x1220 #180	75418846	4018875674710	6	\$12.56	
100 x 1220	E07 KK711X 100x1220 #240	75451640	9324922017924	6	\$12.56	
100 x 1220	E07 KK711X 100x1220 #320	75428907	9324922018976	6	\$12.56	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Aluminium Oxide - General Purpose (continued)						
100 x 1520	E07 KK711X 100x1520 #24	75435974	9324922017962	6	\$19.77	
100 x 1520	E07 KK711X 100x1520 #36	75426966	9324922017993	6	\$18.43	
100 x 1520	E07 KK711X 100x1520 #40	75427727	9324922018006	6	\$17.83	
100 x 1520	E07 KK711X 100x1520 #60	75427835	9324922018013	6	\$16.68	
100 x 1520	E07 KK711X 100x1520 #80	75428187	9324922018020	6	\$16.10	
100 x 1520	E07 KK711X 100x1520 #100	75472255	9324922018983	6	\$15.77	
100 x 1520	E07 KK711X 100x1520 #120	75435975	9324922017948	6	\$15.77	
100 x 1520	E07 KK711X 100x1520 #150	75472258	9324922018990	6	\$15.77	
100 x 1520	E07 KK711X 100x1520 #180	75466793	9324922017955	6	\$15.77	
100 x 1520	E07 KK711X 100x1520 #240	75435976	9324922017979	6	\$15.77	
100 x 1520	E07 KK711X 100x1520 #320	75440095	9324922017986	6	\$15.77	
100 x 2440	E07 KK711X 100x2440 #24	75435977	9324922018075	6	\$26.21	
100 x 2440	E07 KK711X 100x2440 #36	75435978	9324922018105	6	\$24.10	
100 x 2440	E07 KK711X 100x2440 #40	75435979	9324922018112	6	\$23.10	
100 x 2440	E07 KK711X 100x2440 #60	75427962	9324922018129	6	\$21.23	
100 x 2440	E07 KK711X 100x2440 #80	75441172	9324922018136	6	\$20.35	
100 x 2440	E07 KK711X 100x2440 #100	75435980	9324922018037	6	\$19.83	
100 x 2440	E07 KK711X 100x2440 #120	75441173	9324922018044	6	\$19.83	
100 x 2440	E07 KK711X 100x2440 #150	75435981	9324922018051	6	\$19.83	
100 x 2440	E07 KK711X 100x2440 #180	75442494	9324922018068	6	\$19.83	
100 x 2440	E07 KK711X 100x2440 #240	75439717	9324922018082	6	\$19.83	
100 x 2440	E07 KK711X 100x2440 #320	75442072	9324922018099	6	\$19.83	
100 x 4270	E07 KK711X 100x4270 #36	75435982	9324922018204	6	\$35.71	
100 x 4270	E07 KK711X 100x4270 #40	75453676	9324922018211	6	\$33.64	
100 x 4270	E07 KK711X 100x4270 #60	75435983	9324922018228	6	\$30.34	
100 x 4270	E07 KK711X 100x4270 #80	75435984	9324922018235	6	\$28.76	
100 x 4270	E07 KK711X 100x4270 #100	75435985	9324922018143	6	\$27.81	
100 x 4270	E07 KK711X 100x4270 #120	75435986	9324922018150	6	\$27.81	
100 x 4270	E07 KK711X 100x4270 #150	75447000	9324922018167	6	\$27.81	
100 x 4270	E07 KK711X 100x4270 #180	75435987	9324922018174	6	\$27.81	
100 x 4270	E07 KK711X 100x4270 #240	75435988	9324922018181	6	\$27.81	
100 x 4270	E07 KK711X 100x4270 #320	75437208	9324922018198	6	\$27.81	
150 x 1220	E07 KK711X 150x1220 #24	75426830	9324922018341	6	\$23.79	
150 x 1220	E07 KK711X 150x1220 #36	75426904	9324922018365	6	\$22.23	
150 x 1220	E07 KK711X 150x1220 #40	75410207	4018875028308	6	\$21.46	
150 x 1220	E07 KK711X 150x1220 #60	75427837	4018875458136	6	\$20.04	
150 x 1220	E07 KK711X 150x1220 #80	75410209	4018875517550	6	\$19.39	
150 x 1220	E07 KK711X 150x1220 #100	75402441	4018875550472	6	\$18.96	
150 x 1220	E07 KK711X 150x1220 #120	75417145	4018875055595	6	\$18.96	
150 x 1220	E07 KK711X 150x1220 #150	75428675	9324922019027	6	\$18.96	
150 x 1220	E07 KK711X 150x1220 #180	75428736	4018875852187	6	\$18.96	
150 x 1220	E07 KK711X 150x1220 #240	75435989	4018875598276	6	\$18.96	
150 x 1220	E07 KK711X 150x1220 #320	75434136	9324922018358	6	\$18.96	
150 x 1520	E07 KK711X 150x1520 #24	75472262	9324922019041	6	\$26.41	
150 x 1520	E07 KK711X 150x1520 #36	75435990	9324922018402	6	\$24.98	
150 x 1520	E07 KK711X 150x1520 #40	75442827	9324922018419	6	\$24.06	
150 x 1520	E07 KK711X 150x1520 #60	75428121	9324922018426	6	\$22.31	
150 x 1520	E07 KK711X 150x1520 #80	75428402	9324922018433	6	\$21.46	
150 x 1520	E07 KK711X 150x1520 #100	75428530	9324922019034	6	\$20.97	
150 x 1520	E07 KK711X 150x1520 #120	75435991	9324922018372	6	\$20.97	
150 x 1520	E07 KK711X 150x1520 #180	75435992	9324922018389	6	\$20.97	
150 x 1520	E07 KK711X 150x1520 #240	75435993	9324922018396	6	\$20.97	

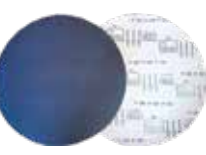
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Zirconia - General Purpose						
50 x 914	E07 ZK713X 50x914 #24	75436051	9324922005105	12	\$9.37	
50 x 914	E07 ZK713X 50x914 #36	75436052	9324922005112	12	\$8.75	
50 x 914	E07 ZK713X 50x914 #40	75436053	9324922005129	12	\$8.46	
50 x 914	E07 ZK713X 50x914 #60	75436055	9324922005143	12	\$7.81	
50 x 914	E07 ZK713X 50x914 #80	75436056	9324922005150	12	\$7.64	
50 x 914	E07 ZK713X 50x914 #100	75436057	9324922005167	12	\$7.64	
50 x 914	E07 ZK713X 50x914 #120	75436058	9324922005174	12	\$7.64	
50 x 1220	E07 ZK713X 50x1220 #24	75436059	9324922005181	12	\$11.13	
50 x 1220	E07 ZK713X 50x1220 #36	75436060	9324922005198	12	\$10.32	
50 x 1220	E07 ZK713X 50x1220 #40	75436061	9324922005204	12	\$9.77	
50 x 1220	E07 ZK713X 50x1220 #60	75405830	9324922005228	12	\$9.23	
50 x 1220	E07 ZK713X 50x1220 #80	75409904	9324922005235	12	\$8.75	
50 x 1220	E07 ZK713X 50x1220 #100	75436063	9324922005242	12	\$8.64	
50 x 1220	E07 ZK713X 50x1220 #120	75436064	9324922005259	12	\$8.64	
50 x 1520	E07 ZK713X 50x1520 #24	75436065	9324922005266	12	\$11.97	
50 x 1520	E07 ZK713X 50x1520 #36	75436066	9324922005273	12	\$11.73	
50 x 1520	E07 ZK713X 50x1520 #40	75436067	9324922005280	12	\$11.35	
50 x 1520	E07 ZK713X 50x1520 #60	75436068	9324922005303	12	\$10.32	
50 x 1520	E07 ZK713X 50x1520 #80	75436069	9324922005310	12	\$9.77	
50 x 1520	E07 ZK713X 50x1520 #100	75436070	9324922005327	12	\$9.56	
50 x 1520	E07 ZK713X 50x1520 #120	75436071	9324922005334	12	\$9.56	
50 x 2440	E07 ZK713X 50x2440 #36	75436073	9324922005358	12	\$16.44	
50 x 2440	E07 ZK713X 50x2440 #40	75436074	9324922005365	12	\$15.60	
50 x 2440	E07 ZK713X 50x2440 #60	75436075	9324922005389	12	\$14.08	
50 x 2440	E07 ZK713X 50x2440 #80	75436076	9324922005396	12	\$13.30	
50 x 2440	E07 ZK713X 50x2440 #100	75436077	9324922005402	12	\$12.88	
50 x 2440	E07 ZK713X 50x2440 #120	75436078	9324922005419	12	\$12.88	
75 x 2000	E07 ZK713X 75x2000 #24	75415617	4018875524800	12	\$23.08	
75 x 2000	E07 ZK713X 75x2000 #36	75415927	4018875043905	12	\$20.98	
75 x 2000	E07 ZK713X 75x2000 #40	75415928	4018875043912	12	\$19.93	
75 x 2000	E07 ZK713X 75x2000 #60	75415614	4018875043929	12	\$17.99	
75 x 2000	E07 ZK713X 75x2000 #80	75415615	4018875043936	12	\$17.17	
75 x 2000	E07 ZK713X 75x2000 #100	75415618	4018875043943	12	\$16.56	
75 x 2000	E07 ZK713X 75x2000 #120	75415616	4018875043950	12	\$16.56	
100 x 914	E07 ZK713X 100x914 #24	75436086	9324922005426	6	\$18.40	
100 x 914	E07 ZK713X 100x914 #36	75436087	9324922005433	6	\$17.05	
100 x 914	E07 ZK713X 100x914 #40	75436088	9324922005440	6	\$16.44	
100 x 914	E07 ZK713X 100x914 #60	75436089	9324922005464	6	\$15.29	
100 x 914	E07 ZK713X 100x914 #80	75436090	9324922005471	6	\$14.73	
100 x 914	E07 ZK713X 100x914 #100	75436091	9324922005488	6	\$14.45	
100 x 914	E07 ZK713X 100x914 #120	75436092	9324922005495	6	\$14.45	
100 x 1220	E07 ZK713X 100x1220 #24	75447492	4018875310557	6	\$21.37	
100 x 1220	E07 ZK713X 100x1220 #36	75408379	4018875982143	6	\$19.08	
100 x 1220	E07 ZK713X 100x1220 #40	75403318	4018875866764	6	\$18.60	
100 x 1220	E07 ZK713X 100x1220 #60	75404296	4018875701225	6	\$17.13	
100 x 1220	E07 ZK713X 100x1220 #80	75404297	4018875537602	6	\$16.20	
100 x 1220	E07 ZK713X 100x1220 #100	75404298	4018875171653	6	\$15.84	
100 x 1220	E07 ZK713X 100x1220 #120	75404299	4018875537619	6	\$15.84	
100 x 1520	E07 ZK713X 100x1520 #24	75436096	9324922005600	6	\$25.21	
100 x 1520	E07 ZK713X 100x1520 #36	75436097	9324922005617	6	\$23.08	
100 x 1520	E07 ZK713X 100x1520 #40	75436098	9324922005624	6	\$22.05	
100 x 1520	E07 ZK713X 100x1520 #60	75431709	9324922005648	6	\$20.14	
100 x 1520	E07 ZK713X 100x1520 #80	75436099	9324922005655	6	\$19.40	
100 x 1520	E07 ZK713X 100x1520 #100	75436100	9324922005662	6	\$18.75	
100 x 1520	E07 ZK713X 100x1520 #120	75436101	9324922005679	6	\$18.75	
100 x 2440	E07 ZK713X 100x2440 #24	75436102	9324922005686	6	\$35.79	
100 x 2440	E07 ZK713X 100x2440 #36	75436103	9324922005693	6	\$32.45	
100 x 2440	E07 ZK713X 100x2440 #40	75436104	9324922005709	6	\$30.63	
100 x 2440	E07 ZK713X 100x2440 #60	75436105	9324922005723	6	\$27.76	
100 x 2440	E07 ZK713X 100x2440 #80	75436106	9324922005730	6	\$26.19	
100 x 2440	E07 ZK713X 100x2440 #100	75436107	9324922005747	6	\$25.21	
100 x 2440	E07 ZK713X 100x2440 #120	75436108	9324922005754	6	\$25.21	

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Zirconia - General Purpose (continued)						
150 x 1220	E07 ZK713X 150x1220 #24	75431519	9324922005761	6	\$34.77	
150 x 1220	E07 ZK713X 150x1220 #36	75431548	9324922005778	6	\$30.63	
150 x 1220	E07 ZK713X 150x1220 #40	75436116	9324922005785	6	\$29.32	
150 x 1220	E07 ZK713X 150x1220 #60	75418417	4018875061008	6	\$27.80	
150 x 1220	E07 ZK713X 150x1220 #80	75431725	4018875400623	6	\$25.93	
150 x 1220	E07 ZK713X 150x1220 #100	75436117	4018875861127	6	\$25.38	
150 x 1220	E07 ZK713X 150x1220 #120	75431809	9324922005839	6	\$25.38	
150 x 1520	E07 ZK713X 150x1520 #24	75436118	9324922005846	6	\$38.28	
150 x 1520	E07 ZK713X 150x1520 #36	75436119	9324922005853	6	\$35.16	
150 x 1520	E07 ZK713X 150x1520 #40	75436120	9324922005860	6	\$33.64	
150 x 1520	E07 ZK713X 150x1520 #60	75436121	9324922005884	6	\$30.63	
150 x 1520	E07 ZK713X 150x1520 #80	75431719	9324922005891	6	\$29.32	
150 x 1520	E07 ZK713X 150x1520 #120	75436123	9324922005914	6	\$28.53	
150 x 2000	E07 ZK713X 150x2000 #24	75415629	9324922013353	6	\$43.82	
150 x 2000	E07 ZK713X 150x2000 #36	75415630	4018875525258	6	\$39.46	
150 x 2000	E07 ZK713X 150x2000 #40	75415924	4018875044483	6	\$37.57	
150 x 2000	E07 ZK713X 150x2000 #60	75415925	4018875356180	6	\$33.78	
150 x 2000	E07 ZK713X 150x2000 #80	75415926	4018875044506	6	\$32.03	
150 x 2000	E07 ZK713X 150x2000 #100	75403317	4018875382332	6	\$30.99	
150 x 2000	E07 ZK713X 150x2000 #120	75415631	4018875044513	6	\$30.99	
Abrasive Linishing Belts - Zirconia - Premium Top Size						
50 x 914	E07 ZK744X 50x914 #36	75436857	9324922005921	12	\$9.10	
50 x 914	E07 ZK744X 50x914 #40	75436632	9324922005938	12	\$8.97	
50 x 914	E07 ZK744X 50x914 #60	75436617	9324922005945	12	\$8.26	
50 x 914	E07 ZK744X 50x914 #80	75436616	9324922005952	12	\$8.01	
50 x 1220	E07 ZK744X 50x1220 #36	75436858	9324922005969	12	\$10.79	
50 x 1220	E07 ZK744X 50x1220 #40	75436745	9324922005976	12	\$10.32	
50 x 1220	E07 ZK744X 50x1220 #60	75436859	9324922005983	12	\$9.56	
50 x 1220	E07 ZK744X 50x1220 #80	75436860	9324922005990	12	\$9.10	
75 x 2000	E07 ZK744X 75x2000 #36	75412368	9324922010444	12	\$25.33	
75 x 2000	E07 ZK744X 75x2000 #40	75402156	9324922013544	12	\$23.50	
75 x 2000	E07 ZK744X 75x2000 #60	75419364	4018875716151	12	\$18.97	
75 x 2000	E07 ZK744X 75x2000 #80	75403799	4018875463666	12	\$18.03	
100 x 914	E07 ZK744X 100x914 #36	75436868	9324922006089	6	\$17.66	
100 x 914	E07 ZK744X 100x914 #40	75436869	9324922006096	6	\$17.17	
100 x 914	E07 ZK744X 100x914 #60	75435759	9324922006102	6	\$15.96	
100 x 914	E07 ZK744X 100x914 #80	75436870	9324922006119	6	\$15.47	
100 x 1520	E07 ZK744X 100x1520 #36	75436872	9324922006164	6	\$24.11	
100 x 1520	E07 ZK744X 100x1520 #40	75436633	9324922006171	6	\$23.03	
100 x 1520	E07 ZK744X 100x1520 #60	75436587	9324922006188	6	\$21.10	
100 x 1520	E07 ZK744X 100x1520 #80	75436873	9324922006195	6	\$20.04	
Abrasive Linishing Belts - Ceramic/ Zirconia - Top Size						
50 x 914	E07 XK850X 50x914 #36	75464963	9324922015722	12	\$13.05	
50 x 914	E07 XK850X 50x914 #40	75448825	9324922016415	12	\$11.75	
50 x 914	E07 XK850X 50x914 #60	75448431	9324922016552	12	\$10.19	
50 x 914	E07 XK850X 50x914 #80	75450878	9324922016569	12	\$9.57	
50 x 914	E07 XK850X 50x914 #120	75472101	9324922019317	12	\$9.14	
50 x 1220	E07 XK850X 50x1220 #36	75463295	9324922016576	12	\$15.91	
50 x 1220	E07 XK850X 50x1220 #40	75450855	9324922016583	12	\$14.18	
50 x 1220	E07 XK850X 50x1220 #60	75447582	9324922016613	12	\$11.81	
50 x 1220	E07 XK850X 50x1220 #80	75448482	9324922016620	12	\$11.06	
50 x 1220	E07 XK850X 50x1220 #120	75472102	9324922019324	12	\$10.57	
50 x 2440	E07 XK850X 50x2440 #36	75448120	9324922016637	12	\$25.49	
50 x 2440	E07 XK850X 50x2440 #40	75448121	9324922016644	12	\$23.12	
50 x 2440	E07 XK850X 50x2440 #60	75448294	9324922016651	12	\$19.15	
50 x 2440	E07 XK850X 50x2440 #80	75467645	9324922016668	12	\$17.28	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Ceramic/ Zirconia - Top Size (continued)						
75 x 2000	E07 XK850X 75x2000 #36	75447112	4018875054154	12	\$35.32	
75 x 2000	E07 XK850X 75x2000 #40	75450368	4018875957486	12	\$31.34	
75 x 2000	E07 XK850X 75x2000 #60	75433252	9324922016743	12	\$25.62	
75 x 2000	E07 XK850X 75x2000 #80	75432948	4018875209776	12	\$23.50	
100 x 914	E07 XK850X 100x914 #36	75448828	9324922016750	6	\$24.25	
100 x 914	E07 XK850X 100x914 #40	75451598	9324922016767	6	\$22.51	
100 x 914	E07 XK850X 100x914 #60	75448829	9324922016774	6	\$19.53	
100 x 914	E07 XK850X 100x914 #80	75454247	9324922016781	6	\$17.53	
100 x 914	E07 XK850X 100x914 #120	75486488	9324922021433	6	\$17.53	
100 x 1220	E07 XK850X 100x1220 #36	75457434	9324922016798	6	\$29.85	
100 x 1220	E07 XK850X 100x1220 #40	75464760	4018875639818	6	\$27.22	
100 x 1220	E07 XK850X 100x1220 #60	75457433	9324922016927	6	\$22.38	
100 x 1220	E07 XK850X 100x1220 #80	75458839	9324922016934	6	\$20.51	
100 x 1220	E07 XK850X 100x1220 #120	75484619	9324922021440	6	\$19.02	
100 x 1520	E07 XK850X 100x1520 #36	75457299	9324922016941	6	\$34.20	
100 x 1520	E07 XK850X 100x1520 #40	75465416	9324922016958	6	\$31.95	
100 x 1520	E07 XK850X 100x1520 #60	75452841	9324922016965	6	\$26.12	
100 x 1520	E07 XK850X 100x1520 #80	75454007	9324922016972	6	\$23.01	
150 x 2000	E07 XK850X 150x2000 #36	75468554	9324922016989	6	\$62.78	
150 x 2000	E07 XK850X 150x2000 #40	75467646	9324922016996	6	\$60.93	
150 x 2000	E07 XK850X 150x2000 #60	75451085	9324922017009	6	\$44.14	
150 x 2000	E07 XK850X 150x2000 #80	75456952	9324922017023	6	\$39.80	
150 x 2000	E07 XK850X 150x2000 #120	75473640	4018875884492	6	\$39.80	
Abrasive Linishing Belts - Full Ceramic - Top Size						
50 x 914	E07 XK870X 50x914 #24	75454188	9324922019331	12	\$19.28	
50 x 914	E07 XK870X 50x914 #36	75437403	9324922019348	12	\$15.54	
50 x 914	E07 XK870X 50x914 #40	75436512	9324922019355	12	\$14.92	
50 x 914	E07 XK870X 50x914 #60	75437181	9324922019362	12	\$12.44	
50 x 914	E07 XK870X 50x914 #80	75436513	9324922019379	12	\$11.56	
50 x 914	E07 XK870X 50x914 #120	75436514	9324922019386	12	\$11.31	
50 x 1220	E07 XK870X 50x1220 #24	75453514	9324922019393	12	\$25.58	
50 x 1220	E07 XK870X 50x1220 #36	75437154	9324922019409	12	\$22.37	
50 x 1220	E07 XK870X 50x1220 #40	75436515	9324922019416	12	\$20.54	
50 x 1220	E07 XK870X 50x1220 #60	75436516	9324922019423	12	\$15.70	
50 x 1220	E07 XK870X 50x1220 #80	75436517	9324922019430	12	\$14.41	
50 x 1220	E07 XK870X 50x1220 #120	75436518	9324922019447	12	\$13.62	
50 x 2440	E07 XK870X 50x2440 #36	75437303	9324922019461	12	\$36.87	
50 x 2440	E07 XK870X 50x2440 #40	75438804	9324922019478	12	\$33.64	
50 x 2440	E07 XK870X 50x2440 #60	75441232	9324922019485	12	\$25.81	
50 x 2440	E07 XK870X 50x2440 #80	75436674	9324922019492	12	\$23.22	
50 x 2440	E07 XK870X 50x2440 #120	75436677	9324922019454	12	\$21.32	
75 x 2000	E07 XK870X 75x2000 #24	75412181	4018875391402	12	\$53.46	
75 x 2000	E07 XK870X 75x2000 #36	75412124	4018875380109	12	\$46.83	
75 x 2000	E07 XK870X 75x2000 #40	75409761	4018875353929	12	\$44.44	
75 x 2000	E07 XK870X 75x2000 #60	75409709	4018875349724	12	\$34.82	
75 x 2000	E07 XK870X 75x2000 #80	75409710	4018875343760	12	\$31.63	
75 x 2000	E07 XK870X 75x2000 #120	75410714	4018875330487	12	\$27.21	
100 x 914	E07 XK870X 100x914 #40	75453475	9324922019508	6	\$33.57	
100 x 914	E07 XK870X 100x914 #60	75442896	9324922019515	6	\$25.66	
100 x 914	E07 XK870X 100x914 #80	75452315	9324922019522	6	\$23.18	
100 x 914	E07 XK870X 100x914 #120	75445730	9324922019539	6	\$22.57	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Full Ceramic with Top Size (continued)						
100 x 1220	E07 XK870X 100x1220 #40	75443717	4018875724194	6	\$39.91	
100 x 1220	E07 XK870X 100x1220 #60	75439713	4018875433638	6	\$30.64	
100 x 1220	E07 XK870X 100x1220 #80	75447473	4018875567876	6	\$27.21	
100 x 1220	E07 XK870X 100x1220 #120	75439714	4018875545409	6	\$26.60	
100 x 1520	E07 XK870X 100x1520 #24	75445566	9324922019546	6	\$54.76	
100 x 1520	E07 XK870X 100x1520 #36	75431924	9324922019553	6	\$44.15	
100 x 1520	E07 XK870X 100x1520 #40	75436531	9324922019560	6	\$44.08	
100 x 1520	E07 XK870X 100x1520 #60	75433939	9324922019577	6	\$34.31	
100 x 1520	E07 XK870X 100x1520 #80	75437439	9324922019584	6	\$31.06	
100 x 1520	E07 XK870X 100x1520 #120	75441255	9324922019591	6	\$28.43	
150 x 2000	E07 XK870X 150x2000 #36	75431906	4018875377611	6	\$94.47	
150 x 2000	E07 XK870X 150x2000 #40	75409763	4018875353950	6	\$85.72	
150 x 2000	E07 XK870X 150x2000 #60	75409719	4018875351147	6	\$64.13	
150 x 2000	E07 XK870X 150x2000 #80	75409720	4018875691779	6	\$57.27	
150 x 2000	E07 XK870X 150x2000 #120	75410716	4018875377628	6	\$55.36	
Abrasive Linishing Belts - Surface Conditioning Material						
50 x 914	E07 KV707T 50x914 COARSE (Brown) 100 Grit	75483797	9324922020733	2	\$27.33	
50 x 914	E07 KV707T 50x914 MEDIUM (Maroon) 180 Grit	75483090	9324922020757	2	\$27.33	
50 x 914	E07 KV707T 50x914 FINE (Blue) 240 Grit	75482994	9324922020740	2	\$27.33	
50 x 1220	E07 KV707T 50x1220 COARSE (Brown) 100 Grit	75484441	9324922020764	2	\$35.03	
50 x 1220	E07 KV707T 50x1220 MEDIUM (Maroon) 180 Grit	75483143	9324922020771	2	\$35.03	
50 x 1220	E07 KV707T 50x1220 FINE (Blue) 240 Grit	75481210	9324922020788	2	\$35.03	
50 x 1520	E07 KV707T 50x1520 COARSE (Brown) 100 Grit	75484442	9324922020795	2	\$42.58	
50 x 1520	E07 KV707T 50x1520 MEDIUM (Maroon) 180 Grit	75484443	9324922020801	2	\$42.58	
50 x 1520	E07 KV707T 50x1520 FINE (Blue) 240 Grit	75484444	9324922020818	2	\$42.58	
50 x 2440	E07 KV707T 50x2440 COARSE (Brown) 100 Grit	75484446	9324922020825	2	\$65.86	
50 x 2440	E07 KV707T 50x2440 MEDIUM (Maroon) 180 Grit	75484447	9324922020832	2	\$65.86	
50 x 2440	E07 KV707T 50x2440 FINE (Blue) 240 Grit	75484445	9324922020849	2	\$65.86	
90 x 400	E07 KV707T 90x400 COARSE (Brown) 100 Grit	75484448	9324922020856	2	\$22.49	
90 x 400	E07 KV707T 90x400 MEDIUM (Maroon) 180 Grit	75484449	9324922020863	2	\$22.49	
90 x 400	E07 KV707T 90x400 FINE (Blue) 240 Grit	75484450	9324922020870	2	\$22.49	
100 x 914	E07 KV707T 100x914 COARSE (Brown) 100 Grit	75484665	9324922020887	2	\$51.35	
100 x 914	E07 KV707T 100x914 MEDIUM (Maroon) 180 Grit	75484666	9324922020894	2	\$51.35	
100 x 914	E07 KV707T 100x914 FINE (Blue) 240 Grit	75484667	9324922020900	2	\$51.35	
Floor Sanding Products						
Floor Sanding Belts - Aluminium Oxide - General Purpose						
200 x 480	E07 KX 200x480 #24	75601384	9324922013872	10	\$7.78	
200 x 480	E07 KX 200x480 #36	75601385	9324922013889	10	\$7.02	
200 x 480	E07 KX 200x480 #40	75601542	9324922013896	10	\$6.78	
200 x 480	E07 KX 200x480 #60	75601379	9324922013902	10	\$6.15	
200 x 480	E07 KX 200x480 #80	75601380	9324922013919	10	\$6.15	
200 x 480	E07 KX 200x480 #100	75601383	9324922013926	10	\$5.51	
200 x 480	E07 KX 200x480 #120	75601693	9324922013933	10	\$5.58	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Floor Sanding Products (continued)						
Floor Sanding Belts - Zirconia - Heavy Duty						
200 x 750	E07 ZK713X 200x750 #24	75435634	4018875296226	5	\$24.24	
200 x 750	E07 ZK713X 200x750 #36	75435635	9324922014657	5	\$22.05	
200 x 750	E07 ZK713X 200x750 #40	75435636	9324922014664	10	\$19.56	
200 x 750	E07 ZK713X 200x750 #60	75435637	9324922014671	10	\$17.05	
200 x 750	E07 ZK713X 200x750 #80	75435638	9324922014688	10	\$16.09	
200 x 750	E07 ZK713X 200x750 #100	75419898	9324922014695	10	\$16.09	
200 x 750	E07 ZK713X 200x750 #120	75435639	9324922014701	10	\$16.09	
250 x 750	E07 ZK713X 250x750 #24	75435653	9324922014718	5	\$29.68	
250 x 750	E07 ZK713X 250x750 #36	75413592	9324922014725	5	\$27.02	
250 x 750	E07 ZK713X 250x750 #40	75435654	9324922014732	10	\$23.89	
250 x 750	E07 ZK713X 250x750 #60	75435655	9324922014749	10	\$20.04	
250 x 750	E07 ZK713X 250x750 #80	75413593	9324922014756	10	\$18.75	
250 x 750	E07 ZK713X 250x750 #100	75435656	9324922014763	10	\$18.75	
250 x 750	E07 ZK713X 250x750 #120	75435657	9324922014770	10	\$18.75	
300 x 750	E07 ZK713X 300x750 #24	75435665	9324922014787	5	\$34.69	
300 x 750	E07 ZK713X 300x750 #36	75435666	9324922014794	5	\$31.57	
300 x 750	E07 ZK713X 300x750 #40	75435667	9324922014800	10	\$27.49	
300 x 750	E07 ZK713X 300x750 #60	75435668	9324922014817	10	\$22.80	
300 x 750	E07 ZK713X 300x750 #80	75435669	9324922014824	10	\$21.44	
300 x 750	E07 ZK713X 300x750 #100	75435670	9324922014831	10	\$21.44	
300 x 750	E07 ZK713X 300x750 #120	75435671	9324922014848	10	\$21.44	
300 x 800	E07 ZK713X 300x800 #24	75435679	9324922014855	5	\$36.38	
300 x 800	E07 ZK713X 300x800 #36	75435680	9324922014862	5	\$33.12	
300 x 800	E07 ZK713X 300x800 #40	75435681	9324922014879	10	\$29.03	
300 x 800	E07 ZK713X 300x800 #60	75435682	9324922014886	10	\$23.89	
300 x 800	E07 ZK713X 300x800 #80	75435683	9324922014893	10	\$22.34	
300 x 800	E07 ZK713X 300x800 #100	75435684	9324922014909	10	\$22.34	
300 x 800	E07 ZK713X 300x800 #120	75435685	9324922014916	10	\$22.34	
Floor Sanding Edger Discs - Paper - Aluminium Oxide						
180	FKA 180x22 #60	75600577	9324922014930	50	\$2.80	
180	FKA 180x22 #80	75600578	9324922014947	50	\$2.68	
180	SFKA 180x22 #100	75600574	9324922006379	50	\$2.60	
180	FKA 180x22 #120	75600575	9324922006386	50	\$2.60	
180	FKA 180x22 #150	75600576	9324922006393	50	\$2.60	
Floor Sanding Edger Discs - Cloth - Aluminium Oxide						
180	KX 180x22 #24 EDGER	75600735	9324922014954	50	\$2.61	
180	KX 180x22 #36	75600736	9324922015777	50	\$2.51	
180	KX 180x22 #40	75600737	9324922014978	50	\$2.20	
180	KX 180x22 #60	75600738	9324922015920	50	\$1.66	
180	KX 180x22 #80	75600739	9324922014992	50	\$1.66	
180	KX 180x22 #100	75600734	9324922015005	50	\$1.66	
180	KX 180x22 #120	75601575	9324922015012	50	\$1.66	
Floor Sanding Polyvac Discs - Paper - Aluminium Oxide						
406	FKA 406 #40	75600892	9324922015043	10	\$7.56	
406	FKA 406 #60	75600893	9324922015050	10	\$7.02	
406	FKA 406 #80	75600894	9324922015067	10	\$6.70	
406	FKA 406 #100	75600895	9324922015074	10	\$6.38	
406	FKA 406 #120	75600896	9324922015081	10	\$6.38	
406	FKA 406 #150	75600897	9324922015098	10	\$6.38	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Floor Sanding Products (continued)						
Floor Sanding Screenback Discs - Economy						
406	S -SCREENBACK 406 #80	75600899	9324922015111	10	\$7.84	
406	S -SCREENBACK 406 #100	75600900	9324922015128	10	\$7.84	
406	S -SCREENBACK 406 #120	75600901	9324922015135	10	\$7.84	
406	S -SCREENBACK 406 #150	75600902	9324922015142	10	\$7.84	
406	S -SCREENBACK 406 #180	75600903	9324922015159	10	\$7.84	
Floor Sanding Silverline Sheets - Aluminium Oxide Paper						
200 x 514	B -CMB 200x514 #24	75600874	9324922006409	25	\$6.83	
200 x 514	B -KGF 200x514 #36	75600875	9324922006416	25	\$6.31	
200 x 514	B -FKA 200x514 #40	75600876	9324922006423	25	\$5.88	
200 x 514	B -FKA 200x514 #60	75600877	9324922006430	25	\$5.13	
200 x 514	B -FKA 200x514 #80	75600878	9324922006447	25	\$4.70	
200 x 514	B -FKA 200x514 #100	75600879	9324922006454	25	\$4.41	
200 x 514	B -FKA 200x514 #120	75600880	9324922006461	25	\$4.41	
200 x 514	B -FKA 200x514 #150	75600881	9324922006478	50	\$4.41	
Floor Sanding Clarke Sheets - Aluminium Oxide Paper						
200 x 475	B -CMB 200x475 #24	75609785	9324922021914	25	\$6.44	
200 x 475	B -FKA 200x475 #36	75600883	9324922006492	25	\$6.06	
200 x 475	B -FKA 200x475 #40	75600884	9324922006508	25	\$5.63	
200 x 475	B -FKA 200x475 #60	75600885	9324922006515	25	\$4.79	
200 x 475	B -FKA 200x475 #80	75600886	9324922006522	25	\$4.41	
200 x 475	B -FKA 200x475 #100	75600887	9324922006539	25	\$4.07	
200 x 475	B -FKA 200x475 #120	75600888	9324922006546	25	\$4.07	
200 x 475	B -FKA 200x475 #150	75600889	9324922006553	25	\$4.07	

Safety Recommendations For The Use Of Abrasives

The recommendations shown should be followed by all users of abrasive products in the interest of their personal safety.

GENERAL PRINCIPLES OF SAFETY

Abrasive products improperly used can be very dangerous.

- Always follow the instructions provided by the abrasive product and machine supplier
- Ensure that the abrasive product is suitable for its intended use. Examine all abrasive products for damage or defects before mounting
- Follow the correct procedures for handling and storage of abrasive products

Be aware of the hazards likely during the use of abrasive products and observe the recommended precautions to be taken:

- Bodily contact with the abrasive product at operating speed
- Injury resulting from product breakage during use
- Grinding debris, sparks, fumes and dust generated by the grinding process
- Noise
- Vibration

Use only abrasive products conforming to the highest standards of safety. These products will bear the Australian standard AS: 1788 number and/or the inscription "oSa".

Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties.

This information is only intended to provide basic safety recommendations. More detailed information on the safe use of abrasive products, comprehensive Safety Codes are available from FEPA or your National Trade Association:

- FEPA Safety Code for Bonded Abrasives and Precision Superabrasives
- FEPA Safety Code for Superabrasives for Stone and Construction
- FEPA Safety Code for Coated Abrasives

PRECAUTIONS AGAINST LIKELY HAZARDS

Bodily contact with the abrasive product

- Always take great care and attention when using abrasive products. Tie back long hair and do not wear loose clothing, ties and jewellery.
- Prevent accidental start-up of the machine before mounting or changing an abrasive product. Isolate machines from their power source where necessary.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted before starting the machine.
- Always use gloves and suitable clothing where the workpiece or machine is hand-held. For gloves, a minimum protection level of EN 388 Category 2 is recommended.
- After switching off the machine, ensure the product has come to rest before leaving the machine unattended. Injury caused by product breakage
- Always handle abrasives with great care, they are easily damaged. Examine all products for defects or damage before use.
- Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage and distortion.
- Coated abrasives should be stored at 18-22° C, 45-65% relative humidity.
- Abrasive belts should be hung on a rod or peg not less than 50mm diameter.
- Never use an abrasive product beyond its expiry date where marked. Observe the shelf life for the following specific products; Resinoid and Shellac products 3 years, Rubber products 5 years, Vitrified products 10 years.

Check abrasive product or package for any warnings or other safety information:



= Not permitted for hand-held grinding!



= Not permitted for face grinding!



= Not permitted for wet grinding!



= Do not use if damaged!



= Follow the safety instructions!



= Wear eye protection!



= Wear hearing protection!



= Wear gloves!



= Wear a dust mask!



= Observe the minimum contact angle!



= Only permitted with a back-up pad

- Only permitted for wet cutting

- Only permitted for use on totally enclosed machines

Injury caused by product breakage

- Ensure that the correct abrasive product is selected. Never use a product if it cannot be properly identified.
- Follow the instructions provided by the abrasive product or machine supplier when mounting abrasive products. Observe any mounting indications marked on the product such as direction of run or mounting position.
- Never force the abrasive product onto the mounting fixture or modify it to fit.
- Never exceed the maximum operating speed where specified.
- Check that the correct mounting devices are used and that they are undistorted, clean and free from burrs.
- Use mounting blotters where supplied.
- Do not tighten the mounting device excessively.
- After mounting or re-mounting an abrasive product, conduct a trial run at operating speed with the guard in place for at least 30 seconds, standing clear of the machine before use.
- Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted.
- Ensure that the workpiece is secure and properly supported. Ensure that work rests are properly adjusted and secure.
- Never start the machine with the workpiece in contact with the abrasive product.
- Never apply excessive force or shock to the abrasive product or let it overheat.
- Do not grind on the part of the product that is not designed for the operation. Avoid grinding with the edge of abrasive belts, use the centre of the belt if possible.
- Avoid clogging and uneven wear to ensure that the abrasive product is working efficiently. Dress frequently where appropriate.
- Let the abrasive product stop naturally, not by applying pressure to its surface.
- Turn off and spin out excess coolant before stopping the machine.
- Do not leave abrasive belts under tension when not in use.

Grinding debris – sparks, dust and fumes

- Exposure to dust generated from workpiece and/or abrasive materials can result in lung damage and/or other physical injury
- All dry grinding processes should be provided with adequate extraction facilities.
- Do not use abrasive products near flammable materials.
- The use of respirators complying with EN149 is recommended for dry grinding processes even if extraction systems are provided.
- Guards where provided should be adjusted to deflect sparks and debris away from the operator.
- Take additional measures to protect people working nearby.
- Eye protection is recommended for all machine applications for abrasives. For hand-held machines or workpiece, goggles or full-face shields are recommended.
- Eye protection with a minimum protection of EN166 Grade B is recommended.
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive debris and dust.

Noise

- Ear protection complying with EN352 is recommended for all applications where the workpiece or machine is hand-held, irrespective of the noise level.
- Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive noise and vibration
- Processes where the workpiece or machine is hand-held can cause vibration injury.
- Action needs to be taken if tingling, pins and needles or numbness is experienced after 10 minutes continuous use of the abrasive product.
- The effects of vibration are more pronounced in cold conditions so keep the hands warm and exercise hands and fingers regularly. Use modern equipment with low vibration levels.
- Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs.
- Use good quality abrasive products and keep them in good condition during their life.
- Maintain mounting flanges and back-up pads in good condition and replace if worn or distorted.
- Do not grip the workpiece or machine too tightly and do not exert excessive pressure on the abrasive product.
- Avoid continuous use of the abrasive product.
- Use the correct product. An unsuitable product can produce excessive vibration.
- Don't ignore the physical symptoms of vibration - seek medical advice.

Disposal of abrasives

- Used or defective abrasives should be disposed in accordance with local or national regulations.
- Further information can be obtained from material safety data sheets provided by the supplier.
- Be aware that the abrasive product may be contaminated with material from the workpiece or process after use.
- Disposed abrasive products should be damaged to prevent them from being taken from waste skips and reused.

Important Notice:

Every effort has been made to ensure that all information supplied in this "Safety Recommendations For The Use Of Abrasives" section is accurate and up to date. PFERD Australia Pty. Ltd. cannot accept responsibility for any error or omission, nor for any consequential loss or damage that may arise.

Our Most Important Tool is Made of Paper

Across all industries, our PFERD Tool Manual 23 is recognised as the key reference for cutting, grinding, milling, filing, brushing and polishing. Your "quick product selection guide" navigation aid has been added to facilitate your search for the right tool. The first pages of our Tool Manual 23, in combination with the tabs, will first take you to the appropriate catalogue section.

At the start of each catalogue section, revised introductory pages will guide you to the optimal tool for your needs. The keyword index has been expanded to include many common terms and synonyms for available PFERD tools.

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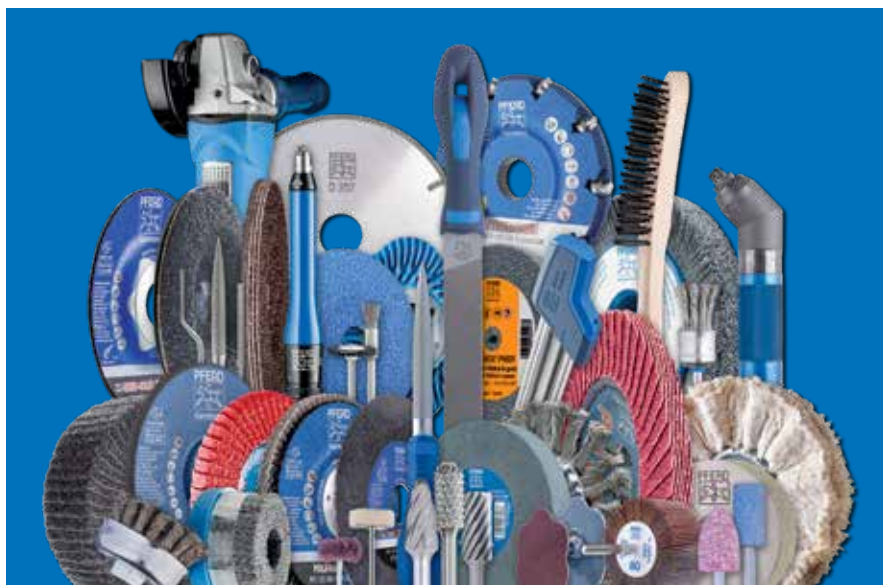
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The website includes videos, general product data, specifications, new products and much more. Keep up-to-date with the latest abrasive products and news or connect with PFERD on social media.



Symbols used in this publication

Symbol	Description
	Recommended for High Powered Angle Grinders.
	Recommended for Stainless Steel: Does not contain Iron, Sulphur or Chlorine fillers.
	New Product Range
	Point Of Sale Available



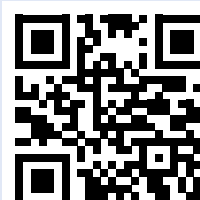
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Product Guide Pricing

All prices are effective from the 15th of February 2021. Prices and specifications are subject to change without notice. E & O.E. PFERD Australia Pty. Ltd. reserves the right to correct any errors or omissions. This is an uncontrolled document. All prices are List each and exclude GST.

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