

PFERD Australia Pty. Ltd. Product Guide

2018

Prices effective 12th February 2018



www.pferd.com.au

VERTRAU BLAU Trust In The Blue



Cutting Grinding Milling Filing Brushing Polishing Deburring Finishing

PFERD



X TREME

Cutting Performance

30% OR
More Cuts



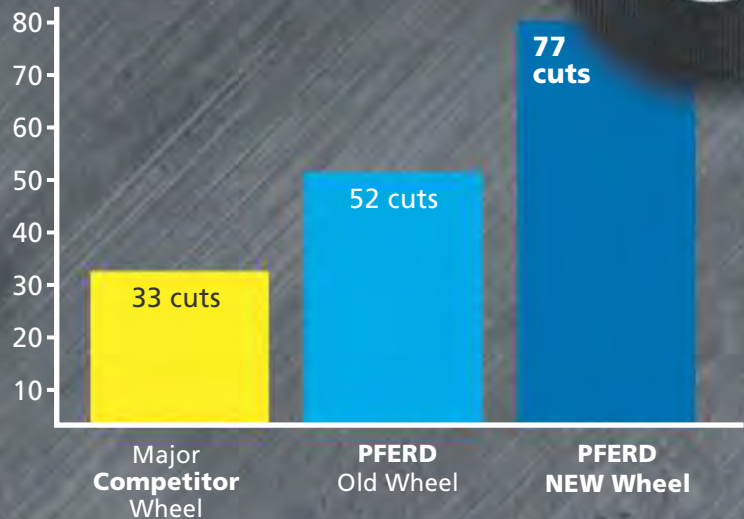
Stainless steel
INOX

Steel

IMPROVED 1mm Cut-Off Wheels

No.
CUTS

Outstanding results



Cutting Test: 1.0mm Cut-Off Wheels INOX - 125mm (5") Angle Grinder cutting stainless steel bar 15mm diameter

**1.0mm Cut-Off
Ultra-Thin
Wheels**

PFERDVALUE[®]

- NEW and improved cut-off wheel with a minimum of 30% more cuts versus the previous PFERD cut-off wheel
- Increased performance & longer wheel life
- Optimum guidability when cutting
- The ultimate wheel for cutting INOX stainless steel & mild steel

1.0mm Thick Cut-Off Wheels

Article Number	Wheel Size	Max Speed (RPM)
61341112	125mm (5")	12,200
61340412	115mm (4 1/2")	13,300
61315113	105mm (4")	14,500



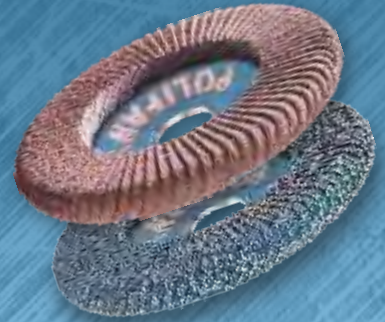
PFERD - Market Leading Innovation



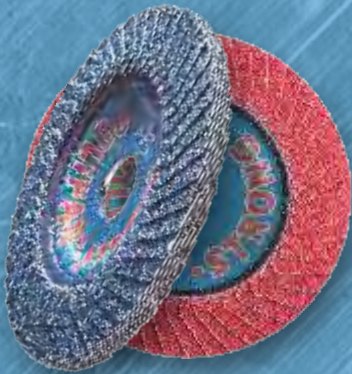
Aluminium Ultra-Thin
Thin cut-off wheels for aluminium



DUODISC®
Thin wheels that Cut & Grind



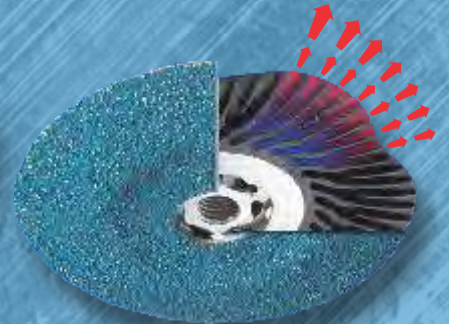
POLIFAN® CURVE
Grind fillet welds & hard to reach areas with one wheel



POLIFAN® STRONG
The ultimate high stock removal grinding flap wheel



CC-GRIND® - SOLID
A NEW generation of grinding wheels. Less noise, dust & vibration



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.



PFERDERGONOMICS®



Vibration Filter



Noise Filter



Emission Filter



Haptic Filter

Safety Recommendations



Wear Safety Glasses



Wear Ear Muffs



Wear Dust Mask



Wear Gloves



Read Instruction Manual



Do Not Use If Damaged

Specification may change without notice. All statements, technical information and recommendations contained in this document are based on tests or experience that PFERD believes is reliable. However, many factors beyond PFERD Australia's control can affect the use and overall performance of a PFERD product in a particular application, including conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate PFERD Australia's product to determine whether it is fit for a particular purpose and suitable for the user's method of application.



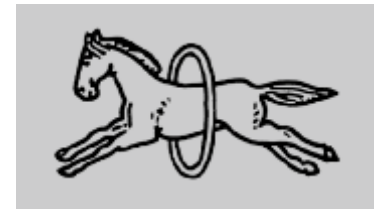
Tradition, Progress, Innovation

The company started producing files over 200 years ago. Since then, this family owned company has become one of the leading manufacturers in the tool industry. Innovative ideas and products are the key to success.



The 'PFERD' Brand

The term PFERD means 'horse' in German, and from the very beginning the "jumping horse" has been a distinctive brand known for excellent quality, top performance and efficiency. It symbolises strength, endurance and reliability.



VERTRAU BLAU - Trust In The Blue

Workers all over the world trust PFERD. This trust has been earned by the many people connected with PFERD. The unique combination of individual, target-oriented consultations and innovative high-performance tools with the skills of on-site users always guarantees customers the optimum, most economical result for every task. PFERD partners and distributors trust PFERD because the company offers innovative tools and training for safe ergonomic work in addition to its sound consultation service, making work more precise, easier and faster.



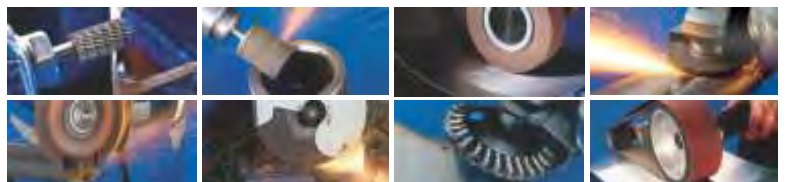
PFERD - Used In Industries

- Chemical and process industry
- Equipment, tank & pressure vessel constructions
- Steel mills, foundries
- Tool, die and mouldmaking
- Pipeline construction
- Shipyards
- Automotive
- Structural steelwork and metalworking
- Aerospace applications, gas turbines (fabrication and maintenance)
- Mechanical engineering
- Manufacturing



PFERD - Wide Range Of Applications

- Cutting
- Grinding
- Milling
- Filing
- Brushing
- Polishing
- Cleaning
- Rust removal
- Deburring
- Matt finishing



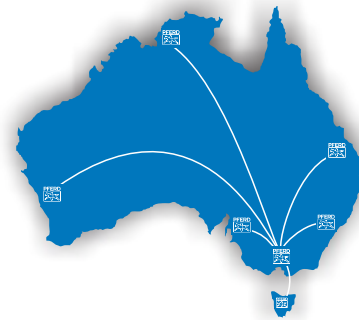


VERTRAU BLAU
Trust In The Blue



PFERD Australia Pty. Ltd.

Active in Australia for over 30 years, PFERD has gained a reputation as a leading manufacturer of abrasive solutions. With more than 7,500 products, product training, technical support, national warehousing and Australia-wide service, we can offer the complete solution for your needs.



Technical Know-how

The PFERD team of technical experts work in the field to find the best solutions for your tasks on site. PFERD products are "oSa" approved and comply with Australian standards, offering you the greatest level of safety.



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.



Safety & Standards

Safety is key when working with abrasive products and PFERD is your partner for safe tools. As a leading manufacturer of abrasive tools, PFERD meets all the requirements of national and international laws, standards, codes and guidelines. The PFERD quality management system is ISO 9001 certified and guarantees compliance with all regulations. The "oSa" label certifies that a given product has been manufactured to the most stringent standards in force anywhere in the world today. PFERD grinding and abrasive cut-off wheels carry the oSa label.



Commitment to Service

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®

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.

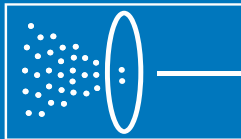
PFERD tools and tool drives with the '**VibrationFilter**' pictogram cause substantially fewer vibrations than comparable products.



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.

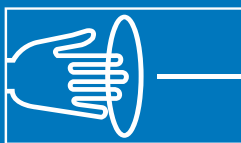


Emission Filter

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

The word 'haptics' is generally associated with touch and mechanical stimuli. PFERD takes this definition a step further. 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, ergonomic work with minimal effort.

PFERDEFFICIENCY®



Energy Saving



Time Saving



Waste Saving



Resource Saving



Files

201



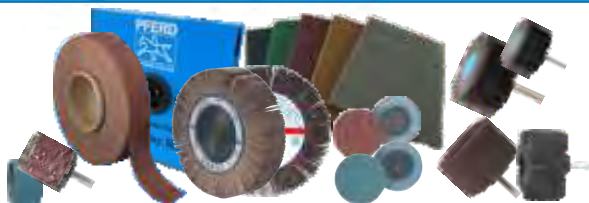
**Burrs and
Hole Saws**

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**Mounted Points &
Bench Grinding Wheels**

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**Fine Grinding
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**Grinding and
Cut-Off Wheels**

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**Large Diameter
Cut-Off Wheels**

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**Industrial Power
Brushes**

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Tool Drives

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Coated Abrasives

Coated

201 - Files

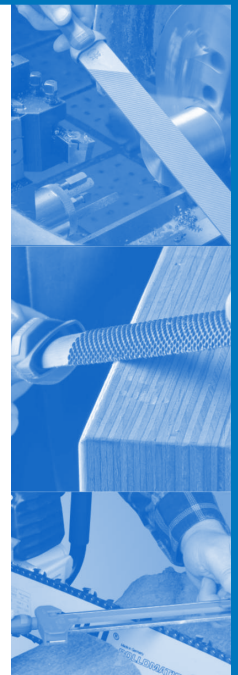
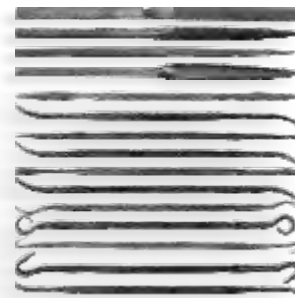
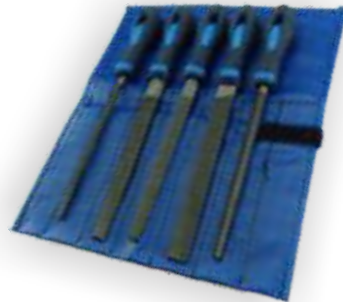


For 200 years, PFERD files have been renowned worldwide as a top quality product. With their consistently high cutting performance, ensuring an excellent surface quality even after long use, they reduce the cost of labour-intensive manual work. PFERD has developed a number of ideal shapes and cuts for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

File types available

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

PFERD stamp



202 - Burrs & Hole Saws



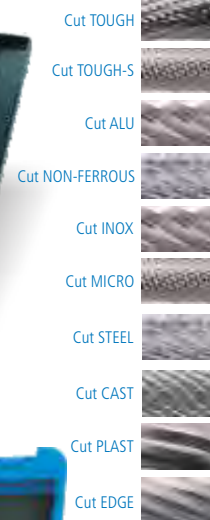
Burrs - Tungsten Carbide

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.



Specialty Cuts



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 14mm to 152mm.



Quick Change Hole Saw Mounting System

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



Hole Saw Kits

Available in 7, 9 and 13pcs kits. The sets are neatly arranged in a protective plastic box.



203 Mounted Points

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 Sets

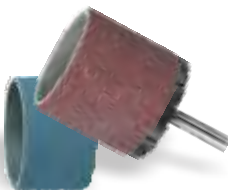
- 10pcs Assorted Points (6mm Shank)
- 15pcs Assorted Points (3mm Shank)
- 100pcs Assorted Points (1/4" Shank)

204 Fine Grinding & Polishing Tools

Achieve the perfect end result with every job. PFERD's 204 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 of fine grinding & polishing items contact PFERD.



Spiral Bands



POLICAP®



Fan Grinders



POLIROLL®



Flap Wheels



COMBICLICK® Polishing



Economy Rolls



Polishing Starter Kit



COMBIDISC® Mini-Polifan®



POLINOX® Mounted Points



POLINOX® Grinding Drum



POLINOX® Ring Wheels



COMBIDISC® CD & CDR



POLIVLIES® Flap Discs



POLICLEAN® Disc & Mounted



POLIVLIES® Hand Pads

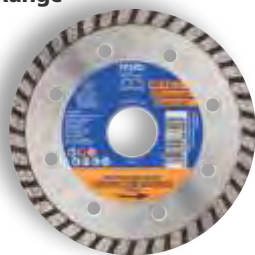


205 Diamond & CBN Tools



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.



Diamond Product Range

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



206 Grinding & Cut-Off Wheels



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) and aluminium.



Cut-Off Wheels

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



COMBICLICK[®] GRIND & FINISH METAL

1 Mounting System



2 Fibre Disc



CC-GRIND-SOLID GRIND METAL New Grinding Disc



207 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.

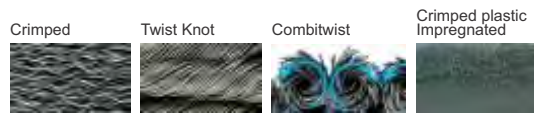
Large Diameter Cut-Off Wheels Range

- 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)



208 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.



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



209 Tool Drives



The PFERD product range also includes both air and electric powered tools for hand held applications such as grinding, milling, brushing, cutting and polishing. One of the most important factors that helps you to achieve cost effective working methods is selecting the correct tool. PFERD offers high quality units to suit most metal working applications.

Air Tool Range:

- Marking / Engraving Pen
- Straight Pencil Grinders
- Right Angle Die Grinders
- Straight Die Grinder
- Angle Grinder

Electric Tool Range:

- Straight Grinders
- Pipe Belt Grinder
- Drum Grinder
- Angle Grinder
- Multi-Speed Mammoth



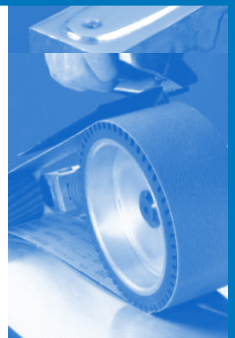
Coated Abrasives



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.



Metalwork



Woodwork



Metal

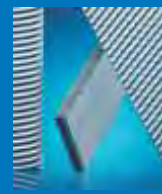
- Portable Belts
- File Sander Belts
- Stroke Sanding
- Coil Grinding
- Backstand Grinding
- Dome Grinding
- Flat Bar Grinding
- Pipe & Tube Grinding
- Roll Grinding
- Sheet Grinding
- Turbine Grinding
- Centreless Polishing
- Flat Bar Polishing
- Metal Polishing
- Robotics
- Multi Tool Belts
- Discs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

Contact PFERD for items to suit special applications or for more information regarding belts made to order





For 200 years, PFERD has been manufacturing files of a world-renowned high quality. Many years of experience as a tool manufacturer have led to the steady development of PFERD files.




Application-oriented file shapes and cuts for industry and crafts guarantee good economic value. Even after long use, PFERD files achieve high stock removal rates and an excellent surface quality.

State-of-the-art production technology and strict quality controls guarantee the outstanding PFERD quality.




PFERD is certified according to ISO 9001.

Cut types and their applications

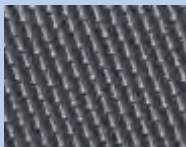

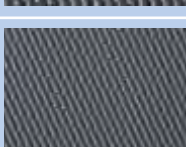
Files for the workshop

Cut 1		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for coarse stock removal and roughing
Cut 2		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for universal roughing and finishing
Cut 3		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for fine machining and finishing

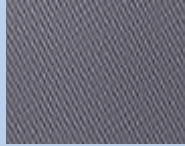
Car body files

Cut 1		<ul style="list-style-type: none"> ■ Radial cut ■ Suitable for coarse stock removal and roughing ■ Creates score-free surfaces
Cut 2		<ul style="list-style-type: none"> ■ Radial cut ■ Suitable for universal roughing and finishing ■ Creates score-free surfaces
Cut 3		<ul style="list-style-type: none"> ■ Radial cut ■ Suitable for fine stock removal and finishing ■ Creates score-free surfaces

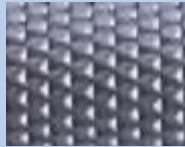


Milled tooth files

Cut 1		<ul style="list-style-type: none"> ■ 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		<ul style="list-style-type: none"> ■ 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		<ul style="list-style-type: none"> ■ Straight cut ■ Suitable for fines stock removal on soft metals ■ Because of its milled tooth shape with large flutes, the teeth do not clog up


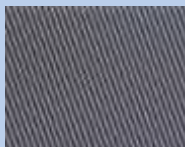
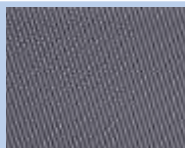
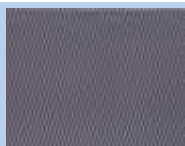
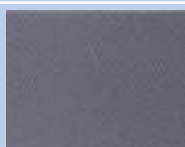
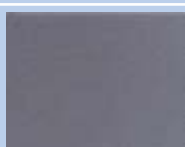
Sharpening files

Single cut		<ul style="list-style-type: none"> ■ Single cut ■ Universally suitable for sharpening
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Rasps

Cut 1		<ul style="list-style-type: none"> ■ Rasp cut ■ Suitable for coarse stock removal and roughing
Cut 2		<ul style="list-style-type: none"> ■ Rasp cut ■ Suitable for universal roughing and finishing
Cut 3		<ul style="list-style-type: none"> ■ Rasp cut ■ Suitable for fine machining and finishing

Precision files

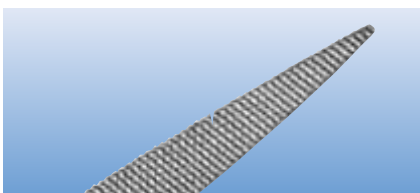
Cut 00		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for very coarse precision work
Cut 0		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for coarse precision work
Cut 1		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for medium precision work
Cut 2		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for medium to fine precision work
Cut 3		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for fine precision work
Cut 4		<ul style="list-style-type: none"> ■ Cross cut ■ Suitable for very fine precision work

Several criteria determine the quality of a PFERD product



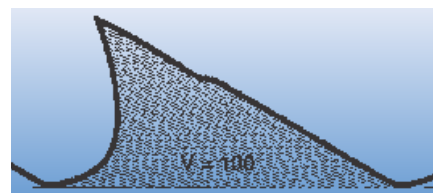
An appropriate steel microstructure, essential for uniform hardness

The various production steps (profiling in the rolling mill, shaping of blanks and tangs, annealing processes prior to cutting, final heat treatment) each cause a change in the microstructure of the steel. Throughout these treatments, it is essential to maintain a high carbon content to ensure the requisite hardness and cutting performance of the file.



Exact shape and uniform cut from tang to tip

Blanks acquire their exact shape, indispensable for an appropriate performance, through a series of forging and grinding operations. Equally spaced teeth and a uniform depth of cut ensure good fling results and surface finishes. The type and angle of the cut depend on the purpose for which the file is intended.



Ideal tooth geometries for every application

Tooth forms suitable to a particular application ensure a uniform stock removal capability. There is no such thing as a standard tooth shape. Different cut geometries have been derived as the optimum solution to a variety of applications. The illustration shows a car body file profile with its typical rounded tooth face and large interspace.

The number of teeth of PFERD files listed in our catalogue 201 conforms to DIN 8349 requirements. The figure shows the number of cuts per cm of file length, counted in the longitudinal axis. For a double-cut file, the teeth number is determined by the upper cut (second course).

Number of teeth per cm of cut files according to DIN 8349

Length (without tang) [mm]	Machinist's files Cut numbers ± 8 %			Sharpening files Cut numbers ± 5 %					
	Cut 1 Bastard	Cut 2 2nd Cut	Cut 3 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

Cut 1 = coarse / Cut 2 = medium / Cut 3 = fine

Colour code for the file cut

The individual cuts are additionally identified by colour-coded labels

Cut 1 = green Cut 2 = yellow Cut 3 = red



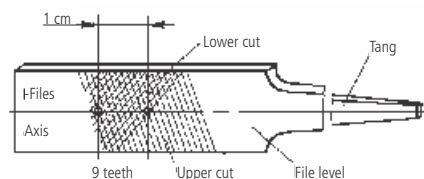
PFERDVIDEO

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

Overview of file designations according to DIN

Designation	Shape symbol	Machinist's files	Sharpening files	Repps	Cabinet files	Milled tooth files	Key files
DIN		7261	7262	7263	7264	7283	
Hand		A	E, F	A, B		A, E	A
Flat		B					B
Three square		C	A, B, C, D				C
Square		D				B	D
Half round		E		C, D	F	D, F	E
Round		F		E		C	F
Knife files		G	G				
Lathe files		H					

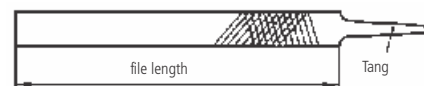
Determination of teeth number



Example:

At a length of 250 mm, a cut 1 file has 9 teeth/cm. A 100 mm long file of the same cut has 17 teeth/cm of file length. The higher number of teeth found on shorter files is intended to provide the same ease of use (in terms of force input, guidability and stock removal) on surfaces and edges as a longer tool.




Dimensions





















The cross-sectional dimensions indicated in the tables are measured across the cut and may vary depending on cut type. PFERD files are manufactured according to DIN and ISO standards.























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







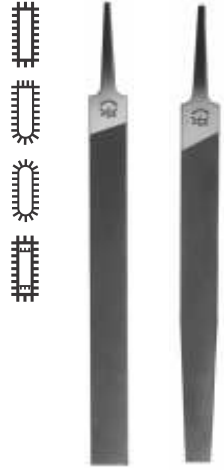
Length mm	Description	Article Number	Barcode	 List Price Ea. Excl. GST	Image
Engineer's Files - Hand					
Hand Files - No Handle - Bulk Packed					
100	1112 100 mm C1 (BASTARD CUT)	11101101	4007220005606	10 \$7.26	
100	1112 100 mm C2 (2ND CUT)	11101102	4007220005613	10 \$7.26	
100	1112 100 mm C3 (SMOOTH)	11101103	4007220005620	10 \$7.26	
150	1112 150 mm C1 (BASTARD CUT)	11101151	4007220005637	10 \$7.26	
150	1112 150 mm C2 (2ND CUT)	11101152	4007220005644	10 \$7.26	
150	1112 150 mm C3 (SMOOTH)	11101153	4007220005651	10 \$7.26	
200	1112 200 mm C1 (BASTARD CUT)	11101201	4007220005668	10 \$8.94	
200	1112 200 mm C2 (2ND CUT)	11101202	4007220005675	10 \$8.94	
200	1112 200 mm C3 (SMOOTH)	11101203	4007220005682	10 \$8.94	
250	1112 250 mm C1 (BASTARD CUT)	11101251	4007220005699	10 \$12.30	
250	1112 250 mm C2 (2ND CUT)	11101252	4007220005705	10 \$12.30	
250	1112 250 mm C3 (SMOOTH)	11101253	4007220005712	10 \$12.30	
300	1112 300 mm C1 (BASTARD CUT)	11101301	4007220005729	5 \$15.65	
300	1112 300 mm C2 (2ND CUT)	11101302	4007220005736	5 \$15.65	
300	1112 300 mm C3 (SMOOTH)	11101303	4007220005743	5 \$15.65	
350	1112 350 mm C1 (BASTARD CUT)	11101351	4007220005750	5 \$22.35	
350	1112 350 mm C2 (2ND CUT)	11101352	4007220005767	5 \$22.35	
Hand Files - With Handle - Individual Display Pack					
150	PF 1112 150 mm C1 (BASTARD CUT)	11210156	4007220541388	1 \$13.08	
150	PF 1112 150 mm C2 (2ND CUT)	11210157	4007220541432	1 \$13.08	
150	PF 1112 150 mm C3 (SMOOTH)	11210158	4007220541463	1 \$13.08	
200	PF 1112 200 mm C1 (BASTARD CUT)	11210206	4007220541494	1 \$16.20	
200	PF 1112 200 mm C2 (2ND CUT)	11210207	4007220541524	1 \$16.20	
200	PF 1112 200 mm C3 (SMOOTH)	11210208	4007220541555	1 \$16.20	
250	PF 1112 250 mm C1 (BASTARD CUT)	11210256	4007220541586	1 \$20.12	
250	PF 1112 250 mm C2 (2ND CUT)	11210257	4007220541623	1 \$20.12	
250	PF 1112 250 mm C3 (SMOOTH)	11210258	4007220541647	1 \$20.12	
300	PF 1112 300 mm C1 (BASTARD CUT)	11210306	4007220541661	1 \$25.71	
300	PF 1112 300 mm C2 (2ND CUT)	11210307	4007220541678	1 \$25.71	
300	PF 1112 300 mm C3 (SMOOTH)	11210308	4007220541685	1 \$25.71	



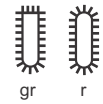








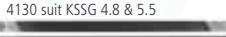
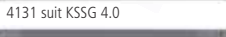

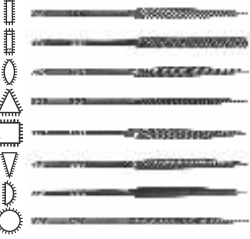

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Engineer's Files - Flat							
Flat Files - No Handle - Bulk Packed							
100	1122 100 mm C1 (BASTARD CUT)	11103101	4007220005811	10	\$6.15	 	
100	1122 100 mm C2 (2ND CUT)	11103102	4007220005828	10	\$6.15		
100	1122 100 mm C3 (SMOOTH)	11103103	4007220005835	10	\$6.15		
150	1122 150 mm C1 (BASTARD CUT)	11103151	4007220005842	10	\$7.26		
150	1122 150 mm C2 (2ND CUT)	11103152	4007220005859	10	\$7.26		
150	1122 150 mm C3 (SMOOTH)	11103153	4007220005866	10	\$7.26		
200	1122 200 mm C1 (BASTARD CUT)	11103201	4007220005873	10	\$8.94		
200	1122 200 mm C2 (2ND CUT)	11103202	4007220005880	10	\$8.94		
200	1122 200 mm C3 (SMOOTH)	11103203	4007220005897	10	\$8.94		
250	1122 250 mm C1 (BASTARD CUT)	11103251	4007220005903	10	\$12.30		
250	1122 250 mm C2 (2ND CUT)	11103252	4007220005910	10	\$12.30		
250	1122 250 mm C3 (SMOOTH)	11103253	4007220005927	10	\$12.30		
300	1122 300 mm C1 (BASTARD CUT)	11103301	4007220005934	5	\$15.65		
300	1122 300 mm C2 (2ND CUT)	11103302	4007220005941	5	\$15.65		
300	1122 300 mm C3 (SMOOTH)	11103303	4007220005958	5	\$15.65		
350	1122 350 mm C1 (BASTARD CUT)	11103351	4007220005965	5	\$22.35		
Flat Files - With Handle - Individual Display Pack							
150	PF 1122 150 mm C1 (BASTARD CUT)	11216156	4007220669341	1	\$14.54		 
150	PF 1122 150 mm C2 (2ND CUT)	11216157	4007220669358	1	\$14.54		
150	PF 1122 150 mm C3 (SMOOTH)	11216158	4007220669365	1	\$14.54		
200	PF 1122 200 mm C1 (BASTARD CUT)	11216206	4007220669372	1	\$16.20		
200	PF 1122 200 mm C2 (2ND CUT)	11216207	4007220669389	1	\$16.20		
200	PF 1122 200 mm C3 (SMOOTH)	11216208	4007220669396	1	\$16.20		
250	PF 1122 250 mm C1 (BASTARD CUT)	11216256	4007220669402	1	\$19.45		
250	PF 1122 250 mm C2 (2ND CUT)	11216257	4007220669419	1	\$19.45		
250	PF 1122 250 mm C3 (SMOOTH)	11216258	4007220669426	1	\$19.45		
300	PF 1122 300 mm C1 (BASTARD CUT)	11216306	4007220669433	1	\$24.59		
300	PF 1122 300 mm C2 (2ND CUT)	11216307	4007220669440	1	\$24.59		
300	PF 1122 300 mm C3 (SMOOTH)	11216308	4007220669457	1	\$24.59		
Engineer's Files - 3 Square							
3 Square Files - No Handle - Bulk Packed							
100	1132 100 mm C1 (BASTARD CUT)	11108101	4007220006603	10	\$7.26	 	
100	1132 100 mm C2 (2ND CUT)	11108102	4007220006610	10	\$7.26		
100	1132 100 mm C3 (SMOOTH)	11108103	4007220006627	10	\$7.26		
150	1132 150 mm C1 (BASTARD CUT)	11108151	4007220006641	10	\$7.83		
150	1132 150 mm C2 (2ND CUT)	11108152	4007220006658	10	\$7.83		
150	1132 150 mm C3 (SMOOTH)	11108153	4007220006665	10	\$7.83		
200	1132 200 mm C1 (BASTARD CUT)	11108201	4007220006672	10	\$10.06		
200	1132 200 mm C2 (2ND CUT)	11108202	4007220006689	10	\$10.06		
200	1132 200 mm C3 (SMOOTH)	11108203	4007220006696	10	\$10.06		
250	1132 250 mm C1 (BASTARD CUT)	11108251	4007220006702	10	\$15.65		
250	1132 250 mm C2 (2ND CUT)	11108252	4007220006719	10	\$15.65		
250	1132 250 mm C3 (SMOOTH)	11108253	4007220006726	10	\$15.65		
300	1132 300 mm C1 (BASTARD CUT)	11108301	4007220006733	5	\$20.68		
300	1132 300 mm C2 (2ND CUT)	11108302	4007220006740	5	\$20.68		
3 Square Files - With Handle - Individual Display Pack							
150	PF 1132 150 mm C1 (BASTARD CUT)	11211156	4007220541692	1	\$15.65	 	
150	PF 1132 150 mm C2 (2ND CUT)	11211157	4007220541708	1	\$15.65		
150	PF 1132 150 mm C3 (SMOOTH)	11211158	4007220541715	1	\$15.65		
200	PF 1132 200 mm C1 (BASTARD CUT)	11211206	4007220541722	1	\$19.56		
200	PF 1132 200 mm C2 (2ND CUT)	11211207	4007220541739	1	\$19.56		
200	PF 1132 200 mm C3 (SMOOTH)	11211208	4007220541746	1	\$19.56		
250	PF 1132 250 mm C1 (BASTARD CUT)	11211256	4007220541753	1	\$22.35		
250	PF 1132 250 mm C2 (2ND CUT)	11211257	4007220541760	1	\$22.35		











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	\$7.26	 	
100	1142 100 mm C2 (2ND CUT)	11104102	4007220006016	10	\$7.26		
100	1142 100 mm C3 (SMOOTH)	11104103	4007220006023	10	\$7.26		
150	1142 150 mm C1 (BASTARD CUT)	11104151	4007220006030	10	\$7.26		
150	1142 150 mm C2 (2ND CUT)	11104152	4007220006047	10	\$7.26		
150	1142 150 mm C3 (SMOOTH)	11104153	4007220006054	10	\$7.26		
200	1142 200 mm C1 (BASTARD CUT)	11104201	4007220006061	10	\$9.50		
200	1142 200 mm C2 (2ND CUT)	11104202	4007220006078	10	\$9.50		
200	1142 200 mm C3 (SMOOTH)	11104203	4007220006085	10	\$9.50		
250	1142 250 mm C1 (BASTARD CUT)	11104251	4007220006092	10	\$12.30		
250	1142 250 mm C2 (2ND CUT)	11104252	4007220006108	10	\$12.30		
250	1142 250 mm C3 (SMOOTH)	11104253	4007220006115	10	\$12.30		
300	1142 300 mm C1 (BASTARD CUT)	11104301	4007220006122	5	\$17.88		
300	1142 300 mm C2 (2ND CUT)	11104302	4007220006139	5	\$17.88		
Square Files - With Handle - Individual Display Pack							
150	PF 1142 150 mm C1 (BASTARD CUT)	11212156	4007220541777	1	\$13.41	 	
150	PF 1142 150 mm C2 (2ND CUT)	11212157	4007220541784	1	\$13.41		
200	PF 1142 200 mm C1 (BASTARD CUT)	11212206	4007220541791	1	\$16.77		
200	PF 1142 200 mm C2 (2ND CUT)	11212207	4007220541807	1	\$16.77		
250	PF 1142 250 mm C1 (BASTARD CUT)	11212256	4007220541814	1	\$20.12		
250	PF 1142 250 mm C2 (2ND CUT)	11212257	4007220541838	1	\$20.12		
Engineer's Files - Half Round							
Half Round Files Tapered - No Handle - Bulk Packed							
100	1152 SP 100 mm C1 (BASTARD CUT)	11105101	4007220006160	10	\$13.41	 	
100	1152 SP 100 mm C2 (2ND CUT)	11105102	4007220006177	10	\$13.41		
100	1152 SP 100 mm C3 (SMOOTH)	11105103	4007220006184	10	\$13.41		
150	1152 SP 150 mm C1 (BASTARD CUT)	11125151	4007220006955	10	\$11.18		
150	1152 SP 150 mm C2 (2ND CUT)	11125152	4007220006962	10	\$11.18		
150	1152 SP 150 mm C3 (SMOOTH)	11125153	4007220006979	10	\$11.18		
200	1152 SP 200 mm C1 (BASTARD CUT)	11125201	4007220006986	10	\$12.86		
200	1152 SP 200 mm C2 (2ND CUT)	11125202	4007220006993	10	\$12.86		
200	1152 SP 200 mm C3 (SMOOTH)	11125203	4007220007006	10	\$12.86		
250	1152 SP 250 mm C1 (BASTARD CUT)	11125251	4007220007013	10	\$15.65		
250	1152 SP 250 mm C2 (2ND CUT)	11125252	4007220007020	10	\$15.65		
250	1152 SP 250 mm C3 (SMOOTH)	11125253	4007220007037	10	\$15.65		
300	1152 SP 300 mm C1 (BASTARD CUT)	11125301	4007220007044	5	\$17.88		
300	1152 SP 300 mm C2 (2ND CUT)	11125302	4007220007051	5	\$17.88		
300	1152 SP 300 mm C3 (SMOOTH)	11125303	4007220007068	5	\$17.88		
350	1152 SP 350 mm C1 (BASTARD CUT)	11125351	4007220222355	5	\$30.74		
Half Round Files - With Handle - Individual Display Pack							
150	PF 1152 150 mm C1 (BASTARD CUT)	11213156	4007220541845	1	\$17.88		 
150	PF 1152 150 mm C2 (2ND CUT)	11213157	4007220541852	1	\$17.88		
150	PF 1152 150 mm C3 (SMOOTH)	11213158	4007220541869	1	\$17.88		
200	PF 1152 200 mm C1 (BASTARD CUT)	11213206	4007220541876	1	\$21.24		
200	PF 1152 200 mm C2 (2ND CUT)	11213207	4007220541883	1	\$21.24		
200	PF 1152 200 mm C3 (SMOOTH)	11213208	4007220541890	1	\$21.24		
250	PF 1152 250 mm C1 (BASTARD CUT)	11213256	4007220541906	1	\$27.95		
250	PF 1152 250 mm C2 (2ND CUT)	11213257	4007220541920	1	\$27.95		
250	PF 1152 250 mm C3 (SMOOTH)	11213258	4007220541937	1	\$27.95		
300	PF 1152 300 mm C1 (BASTARD CUT)	11213306	4007220541944	1	\$33.53		

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	\$6.71	 	
100	1162 100 mm C2 (2ND CUT)	11107102	4007220006412	10	\$6.71		
100	1162 100 mm C3 (SMOOTH)	11107103	4007220006429	10	\$6.71		
150	1162 150 mm C1 (BASTARD CUT)	11107151	4007220006467	10	\$5.81		
150	1162 150 mm C2 (2ND CUT)	11107152	4007220006474	10	\$5.81		
150	1162 150 mm C3 (SMOOTH)	11107153	4007220006481	10	\$5.81		
200	1162 200 mm C1 (BASTARD CUT)	11107201	4007220006498	10	\$6.71		
200	1162 200 mm C2 (2ND CUT)	11107202	4007220006504	10	\$6.71		
200	1162 200 mm C3 (SMOOTH)	11107203	4007220006511	10	\$6.71		
250	1162 250 mm C1 (BASTARD CUT)	11107251	4007220006528	10	\$8.39		
250	1162 250 mm C2 (2ND CUT)	11107252	4007220006535	10	\$8.39		
250	1162 250 mm C3 (SMOOTH)	11107253	4007220006542	10	\$8.39		
300	1162 300 mm C1 (BASTARD CUT)	11107301	4007220006559	5	\$12.30		
300	1162 300 mm C2 (2ND CUT)	11107302	4007220006566	5	\$12.30		
300	1162 300 mm C3 (SMOOTH)	11107303	4007220006573	5	\$12.30		
350	1162 350 mm C1 (BASTARD CUT)	11107351	4007220006580	5	\$15.65		
Round Files - With Handle - Individual Display Pack							
150	PF 1162 150 mm C1 (BASTARD CUT)	11214156	4007220541951	1	\$12.30		 
150	PF 1162 150 mm C2 (2ND CUT)	11214157	4007220541968	1	\$12.30		
150	PF 1162 150 mm C3 (SMOOTH)	11214158	4007220541982	1	\$12.30		
200	PF 1162 200 mm C1 (BASTARD CUT)	11214206	4007220541999	1	\$15.09		
200	PF 1162 200 mm C2 (2ND CUT)	11214207	4007220542002	1	\$15.09		
200	PF 1162 200 mm C3 (SMOOTH)	11214208	4007220542019	1	\$15.09		
250	PF 1162 250 mm C1 (BASTARD CUT)	11214256	4007220542026	1	\$19.01		
250	PF 1162 250 mm C2 (2ND CUT)	11214257	4007220542040	1	\$19.01		
250	PF 1162 250 mm C3 (SMOOTH)	11214258	4007220542057	1	\$19.01		
300	PF 1162 300 mm C1 (BASTARD CUT)	11214306	4007220542064	1	\$24.03		
Engineer's Files - Knife							
Knife File - No Handle - Bulk Packed							
200	1172 200 mm C2 (2ND CUT)	11109202	4007220006832	10	\$15.09	 	

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	\$72.66	
200	Roll Case 532 WRU (Cut 2 - 2ND CUT)	11801532	4007220807989	1	\$77.13	
200	Roll Case 533 WRU (Cut 3 - SMOOTH)	11801533	4007220807996	1	\$82.15	
250	Roll Case 541 WRU (Cut 1 - BASTARD CUT)	11801541	4007220808009	1	\$94.44	
250	Roll Case 542 WRU (Cut 2 - 2ND CUT)	11801542	4007220808016	1	\$98.36	
250	Roll Case 543 WRU (Cut 3 - SMOOTH)	11801543	4007220808023	1	\$108.98	
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	\$39.74	
300	1612 DE 300 mm C1	12119303	4007220011720	5	\$51.39	
Special Files						
Key (Warding) Files						
100	1117 100 mm C2 Hand Profile	11502102	4007220010624	10	\$10.02	 1117
150	1117 150 mm C2 Hand Profile	11502152	4007220010648	10	\$19.93	 1127
100	1127 100 mm C2 Flat Profile	11501102	4007220010532	10	\$10.02	 1137
150	1127 150 mm C2 Flat Profile	11501152	4007220010563	10	\$18.94	 1147
100	1137 100 mm C2 3 Square Profile	11505102	4007220010693	10	\$11.07	
100	1147 100 mm C2 Square Profile	11506102	4007220010716	10	\$10.65	
Key (Warding) File - Set						
100	6 Piece Key File Set 265 K 100 mm C2	11700265	4007220011362	1	\$97.03	
Tungsten Point File						
100	1118 A 100 mm C2	11509150	4007220010747	10	\$11.60	
Car Body Files						
350	299 B 350 mm C00	14101357	4007220016268	1	\$110.69	 229 B 229 E
350	299 B 350 mm C0	14101350	4007220016220	1	\$110.69	
350	299 B 350 mm C1	14101351	4007220016237	1	\$107.35	 229 C
350	299 B 350 mm C2	14101352	4007220016244	1	\$115.37	
350	299 B 350 mm C3	14101353	4007220016251	1	\$122.27	
350	299 E 350 mm SC	14107359	4007220016312	1	\$98.07	
350	299 C 350 mm C3	14103353	4007220016299	1	\$98.29	
350	File Holder BH 125/350 350 mm	14202350	4007220016381	1	\$217.19	
Milled Tooth Files						
350	290 350 mm C1	13101351	4007220015681	1	\$109.22	
Horse Files						
350	Horse Shoe File 3515 350 mm	13180350	4007220809631	1	\$160.50	

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	\$7.62	
125	1237 125 mm C2	11402122	4007220010389	10	\$8.03	
150	1237 150 mm C2	11402152	4007220010396	10	\$8.40	
175	1237 175 mm C2	11402182	4007220010402	10	\$10.14	
200	1237 200 mm C2	11402202	4007220010419	10	\$12.25	
Saw Sharpening Files - With Handle - Individual Display Pk						
125	PF 1237 125 mm C2	11275127	4007220542361	1	\$10.06	
150	PF 1237 150 mm C2	11275157	4007220542378	1	\$10.62	
Extra Slim Taper Files						
100	1238 100 mm C2	11403102	4007220010426	10	\$7.73	
125	1238 125 mm C2	11403122	4007220010440	10	\$11.01	
150	1238 150 mm C2	11403152	4007220010457	10	\$11.48	
Extra Slim Taper File - With Handle - Individual Display Pk						
150	PF 1238 150 mm C2	11277157	4007220542408	1	\$12.86	
Ultra Slim Taper Files						
125	1239 125 mm C2	11404122	4007220328286	10	\$8.40	
Sharpening Files						
Mill Saw Files						
200	1212 200 mm C2 (2 Square Edges)	11607203	4007220010914	10	\$10.06	
250	1212 250 mm C2 (2 Square Edges)	11607253	4007220010921	10	\$13.97	
300	1212 300 mm C2 (2 Square Edges)	11607303	4007220010938	10	\$20.12	
250	1212 gr 250 mm C2 (1 Round Edge)	11608253	4007220010976	10	\$21.67	
250	1212 r 250 mm C2 (2 Round Edges)	11609253	4007220011027	10	\$17.88	
300	1212 r 300 mm C2 (2 Round Edges)	11609303	4007220011034	10	\$22.35	
150	1212 SP 150 mm C1 (Tapered US Type)	11904151	4007220011546	10	\$10.89	
150	1212 SP 150 mm C3 (Tapered US Type)	11904153	4007220011560	10	\$12.25	
200	1212 SP 200 mm C1 (Tapered US Type)	11904201	4007220011577	10	\$13.83	
200	1212 SP 200 mm C2 (Tapered US Type)	11904202	4007220011584	10	\$14.02	
200	1212 SP 200 mm C3 (Tapered US Type)	11904203	4007220011591	10	\$14.02	
250	1212 SP 250 mm C1 (Tapered US Type)	11904251	4007220011607	10	\$18.16	
250	1212 SP 250 mm C2 (Tapered US Type)	11904252	4007220011614	10	\$18.94	
250	1212 SP 250 mm C3 (Tapered US Type)	11904253	4007220011621	10	\$18.94	
300	1212 SP 300 mm C1 (Tapered US Type)	11904301	4007220011638	10	\$26.79	
300	1212 SP 300 mm C2 (Tapered US Type)	11904302	4007220011645	10	\$27.85	
300	1212 SP 300 mm C3 (Tapered US Type)	11904303	4007220011652	10	\$27.85	

Length mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Sharpening Files - Mill Saw Files						
Mill Saw Files - With Handle - Individual Display Pack						
200	PF 1212 gr 200 mm C2	11270208	4007220542248	1	\$31.72	  gr r
200	PF 1212 r 200 mm C2	11271208	4007220542255	1	\$33.53	
250	PF 1212 r 250 mm C2	11271258	4007220542279	1	\$41.50	
Sharpening Files - Chain Saw Files						
Chain Saw Files						
3.5	412 200 x 3.5 mm (9/64)	11004153	4007220005194	6	\$3.40	  Box - 6 Pieces  Carton - 60 Pieces  Outer - 600 Pieces  Skin Pack - 2 Pieces    KSSL  4130 suit KSSG 4.8 & 5.5  4131 suit KSSG 4.0  4132 suit CS-X
4.0	412 200 x 4.0 mm (5/32)	11016203	4007220005217	6	\$3.40	
4.0	412 200 x 4.0 mm Premium	11037203	4007220021897	6	\$3.40	
4.5	412 200 x 4.5 mm (11/64)	11017203	4007220005224	6	\$3.40	
4.5	412 200 x 4.5 mm Premium	11038203	4007220021910	6	\$3.40	
4.8	412 200 x 4.8 mm (3/16)	11018203	4007220005231	6	\$3.40	
4.8	412 200 x 4.8 mm Premium	11039203	4007220021927	6	\$3.40	
5.16	412 200 x 5.16 mm (13/64)	11020203	4007220005248	6	\$3.40	
5.16	412 200 x 5.16 mm Premium	11040203	4007220021934	6	\$3.40	
5.5	412 200 x 5.5 mm (7/32)	11022203	4007220005255	6	\$3.40	
5.5	412 200 x 5.5 mm Premium	11041203	4007220021941	6	\$3.40	
6.3	412 200 x 6.3 mm (1/4)	11024203	4007220005262	6	\$5.64	
7.9	412 200 x 7.9 mm (5/16)	11028203	4007220005286	6	\$5.64	
4.0	4122 SK-4.0 200 mm (Skin Pack)	11081203	4007220005408	2	\$3.96	
4.8	4122 SK-4.8 200 mm (Skin Pack)	11083203	4007220005415	2	\$3.96	
5.5	4122 SK-5.5 200 mm (Skin Pack)	11085203	4007220005422	2	\$3.96	
	HKSF 100/10 - Wooden File Handle (Boxed)	12611010	4007220015407	10	\$4.69	
	FH1 KSF - Ergonomic Chain Saw File Handle	12617110	4007220535707	10	\$6.99	
	Chain-Sharp CS-X-3.2mm	18600742	4007220943731	1	\$67.93	
	Chain-Sharp CS-X-4.0mm	11098040	4007220835913	1	\$67.93	
	Chain-Sharp CS-X-4.8mm	11098048	4007220835920	1	\$67.93	
	Chain-Sharp CS-X-5.16mm	11098051	4007220835937	1	\$67.93	
	Chain-Sharp CS-X-5.5mm	11098055	4007220835944	1	\$67.93	
200	4131 200 mm C2 - Depth Gauge File, KSSG 4.0	11691202	4007220011225	10	\$17.06	
200	4132 200 mm C2 - Depth Gauge File, CS-X	11692202	4007220831335	10	\$28.85	
150	Gauge File 1213 RUK 150 C2	11610153	4007220011041	10	\$12.43	
Precision Files						
Needle Files						
160	2406 160 mm C2 - Flat	12505083	4007220237502	12	\$11.18	 KSSG
160	2401 160 mm C2 - Hand	12501083	4007220383971	12	\$10.06	
160	2407 160 mm C2 - 3 Square	12508083	4007220237762	12	\$11.18	
160	2408 160 mm C2 - Square	12511083	4007220238134	12	\$11.18	
160	2405 160 mm C2 - Knife	12506083	4007220237625	12	\$11.18	
160	2402 160 mm C2 - Half Round	12509083	4007220237922	12	\$11.18	
160	2410 160 mm C2 - Round	12512083	4007220238288	12	\$10.06	
Needle Files - Sets						
160	266/16 160 mm C1 - Set (12 pcs)	12704082	4007220235553	1	\$182.96	 266
160	NFB 2493 160 mm C2 - Set (12 pcs)	12799010	4007220235515	1	\$182.96	
Contents:						
	1 pc each of					
	Flat	Knife				
	Hand	Half-round				
	Crossing	Barrette				
	3 Square	Flat with rounded edges				
	Square	Hand with rounded edges				
	Round	Crossing oval				

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	\$3.91	FH 2 + 3 
	FH 3-10 (All Files 100 - 150mm)	12617130	4007220535738	10	\$3.91	FH 4 + 5 
	FH 4/1-10 (Hand, Flat, Half Round, 200 - 250mm)	12617141	4007220535776	10	\$3.91	FH 4/1 
	FH 4-10 (All other - 200 - 250mm)	12617140	4007220535752	10	\$3.91	
	FH 5/1-10 (Hand, Flat, Half Round, 300 - 350mm)	12617151	4007220535813	10	\$3.91	FH 5/1 
	FH 5-10 (All other - 300 - 350mm)	12617150	4007220535790	10	\$3.91	
File and Chain Saw Handles						
	FH 1 KSF (Ergonomic Chain Saw File Handle)	12617110	4007220535707	10	\$6.99	FH 1 KSF 
	HKSF 100/10 (Wooden Chain Saw File Handle)	12611010	4007220015407	10	\$4.69	HKSF 
File Needle Handles						
	NFH 211-3 K (Needle File Handle)	12299004	4007220267783	10	\$62.81	NFH 211 
	NFH 212 (Needle File Handle)	12299010	4007220669532	10	\$34.47	NFH 212 
File Cleaning Brush						
232	HBF 10 ST 0.15 Steel	12601000	4007220015315	5	\$9.83	



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.



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 0 PFERD**



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.



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

Cuts for universal applications

Cut 3 (MY according to DIN 8033)



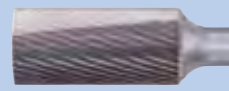
- Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys
- High stock removal
- Good surface

Cut 3 PLUS (MX according to DIN 8033)



- Similar to cut 3, but with 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 plastics
- 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 3.0 mm
- Safe and comfortable to guide

Cut PLAST



- Trimming and contour milling of workpieces from less hard glass- and carbon-fibre-reinforced duroplastics (GRP and CRP 40 % fibre content) and fibre-reinforced thermoplastics
- Minimized delamination and fraying through straight cut
- Suitable for use on machines and on robots
- Burrs with end cut or with center drill tips allow combined drilling and cutting tasks
- Reduced vibration and less noise

Cut FVK



- Trimming and contour milling of workpieces from hard glass- and carbon-fibre-reinforced duroplastics (GRP and CRP > 40 %)
- Burrs with end cut or with center drill tips allow combined drilling and cutting tasks

Cut FVKS



- Similar to cut FVK
- Suitable for use on machines and on robots with high feed rates
- Smooth milling
- Burrs with end cut or with center drill tips allow combined drilling and cutting tasks

Cut TOUGH



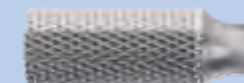
- High stock removal performance on cast iron, steel < 55 HRC
- High stock removal
- Extreme impact resistance
- Also suitable for use with high surface contact angles > 1/3 and under impact loads

Cut TOUGH-S



- High stock removal performance on cast iron, steel < 55 HRC
- High stock removal. Similar to cut TOUGH, but with smoother milling and shorter chips
- 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

Application examples and recommendations



PFERD tungsten carbide burrs

PFERD tungsten carbide burrs are designed for machining materials of virtually any strength. They are manufactured in compliance with the highest quality standards.

Advantages:

- Highest stock removal performance through optimum matching of tungsten carbide, geometry, cut and coating, if necessary
- Improved comfort with reduced operator fatigue due to innovative cuts for high-performance applications
- Very long tool life and high stock removal rates due to application-oriented tool design
- Reduced wear of the drive system due to impact-free work without chatter marks, thanks to the high concentricity

Application examples:

- Deburring
- Contouring
- Edge chamfering/rounding
- Milling out in preparation for build-up welding
- Preparation of weld seams/weld dressing
- Cleaning cast material
- Modification of workpiece geometry

Recommendations for use:

Optimum power output and rotational speed of the drive system (air-powered or electric grinders, flexible shaft system) are necessary conditions for a cost-effective use of tungsten carbide burrs.

- Use the highest rotational speed possible within the recommended rotational speed and cutting speed range.
- In exceptional cases, it is possible to work at less than 3,000 RPM. This is preferable for stationary use or when countersinking with 360° use of the burr surface.
- For low stock removal (deburring, chamfering, surface finishing), the rotational speed can be substantially increased up to 100 % (exception: tungsten carbide burrs with long shanks).
- For materials which do not conduct heat well, such as stainless steel (INOX), titanium alloys, etc., in particular, follow the rotational speed recommendations in order not to damage the tool. Avoid making the shank and tool turn blue.
- Use only rigid clamping systems and drives, as impacts on and chattering of the tools lead to premature wear.
- Do not choose a burr clamping depth that is too small. In general, the minimum clamping depth is 2/3 of the shank length.
- 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 higher rotational speed and cutting speed. When using burrs with coarse cuts (e.g. ALU cut), even higher tool drive outputs above 500 watts are advantageous.
- The burr surface in contact with the workpiece must not exceed 30 % 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 counter-rotationally or with a swinging motion. Pass the tool rapidly over the workpiece in the direction of rotation to achieve fine finishes.

Burr shapes and their applications

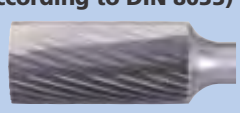
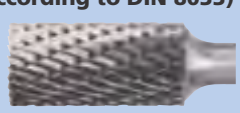
Cylindrical shape ZYA	with end cut ZYAS	Ball shape KUD	Cylindrical shape with radius end WRC	Flame shape B	Pointed tree shape SPG
Conical shape with radius end KEL	Conical pointed shape SKM	Tree shape with radius end RBF	Oval shape TRE	Inverted cone WKN	with end cut WKNS
Rim shaped N	Conical counterbore shape 90° KSK	EDGE 45° KSK	Conical counterbore shape 60° KSJ	EDGE 30° KSJ	Radius burrs R
Concave radius burrs V	EDGE R2.5/ R3.0 V	Safety notes:			
		= Wear eye protection!	= Observe the recommended rotational speed, especially when using burrs with long shanks!		
		= Wear hearing protection!			

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PRODUCT DESCRIPTION	PAGE
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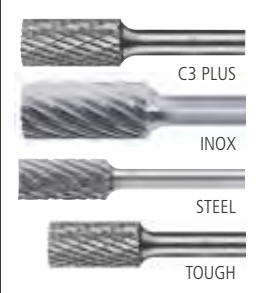
Cuts for universal applications








Cut 3 (MY according to DIN 8033)	 <ul style="list-style-type: none"> Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys High stock removal Good surface 	Cut 3 PLUS (MX according to DIN 8033)	 <ul style="list-style-type: none"> Similar to cut 3, but with cross cut Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys High stock removal
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Cuts for high-performance applications





















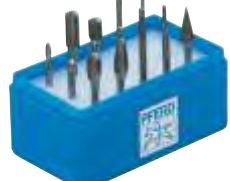
Cut STEEL	 <ul style="list-style-type: none"> Extremely high stock removal performance on steel and cast steel Smooth milling Reduced vibration and less noise 	Cut ALU	 <ul style="list-style-type: none"> High stock removal performance on aluminium and aluminium alloys, light metals, non-ferrous metals and plastics Smooth milling
Cut INOX	 <ul style="list-style-type: none"> Extremely high stock removal performance on all austenitic, rust- and acid-resistant steels, stainless steel (INOX) Substantially reduced vibration and less noise 	Cut TOUGH	 <ul style="list-style-type: none"> 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 - 1/4" Shank						
	ZYA Cylindrical	US Designation				
1/4 x 5/8	ZYA 6.35x15.9x6.35 C3 PLUS	SA-1	21724032	4007220052471	1	\$38.98
5/16 x 3/4	ZYA 7.9x19x6.35 C3 PLUS	SA-2	21724052	4007220052501	1	\$51.70
3/8 x 3/4	ZYA 9.5x19x6.35 C3 PLUS	SA-3	21724062	4007220052532	1	\$62.18
3/8 x 3/4	ZYA 9.5x19x6.35 INOX	SA-3	21724067	4007220921661	1	\$78.09
3/8 x 3/4	ZYA 9.5x19x6.35 STEEL	SA-3	21724068	4007220946398	1	\$78.04
3/8 x 3/4	ZYA 1020/6.35 TOUGH	SA-3	21722152	4007220796634	1	\$73.99
1/2 x 1	ZYA 12.7x25.4x6.35 C3 PLUS	SA-5	21724102	4007220052594	1	\$78.69
1/2 x 1	ZYA 12.7x25.4x6.35 INOX	SA-5	21724107	4007220921678	1	\$90.51
1/2 x 1	ZYA 12.7x25.4x6.35 STEEL	SA-5	21724108	4007220946404	1	\$90.55
1/2 x 1	ZYA 1225/6.35 TOUGH	SA-5	21722156	4007220796610	1	\$88.06
3/4 x 1	ZYA 19x25.4x6.35 C3 PLUS	SA-7	21724122	4007220052655	1	\$149.30
1 x 1	ZYA 25.4x25.4x6.35 C3 PLUS	SA-9	21724162	4007220052693	1	\$247.15



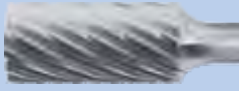




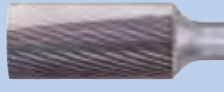











Head size inches	Description		Article Number	Barcode		List Price Ea. Excl. GST	Image	
Tungsten Carbide Burrs - 1/4" Shank (continued)								
WRC Cylindrical Radius End		US Designation						
1/4 x 5/8	WRC 6.35x15.9x6.35 C3 PLUS	SC-1	21724392	4007220053058	1	\$48.68	 C3 PLUS	
1/4 x 5/8	WRC 6.35x15.9x6.35 C ALU	SC-1	21724395	4007220463819	1	\$48.68		
5/16 x 3/4	WRC 7.9x19x6.35 C3 PLUS	SC-2	21724412	4007220053089	1	\$53.87		
3/8 x 3/4	WRC 9.5x19x6.35 C3 PLUS	SC-3	21724422	4007220053102	1	\$60.60		
3/8 x 3/4	WRC 9.5x19x6.35 C ALU	SC-3	21724425	4007220266267	1	\$60.60		
3/8 x 3/4	WRC 9.5x19x6.35 INOX	SC-3	21724427	4007220921685	1	\$81.26		
3/8 x 3/4	WRC 9.5x19x6.35 STEEL	SC-3	21724428	4007220946411	1	\$81.43		
3/8 x 3/4	WRC 1020/6.35 TOUGH	SC-3	21722212	4007220796696	1	\$66.08		
1/2 x 1	WRC 12.7x25.4x6.35 C3 PLUS	SC-5	21724462	4007220053164	1	\$84.02		
1/2 x 1	WRC 12.7x25.4x6.35 C ALU	SC-5	21724465	4007220266274	1	\$84.02		
1/2 x 1	WRC 12.7x25.4x6.35 INOX	SC-5	21724467	4007220921692	1	\$104.27		
1/2 x 1	WRC 12.7x25.4x6.35 STEEL	SC-5	21724468	4007220946428	1	\$104.23		
1/2 x 1	WRC 1225/6.35 TOUGH	SC-5	21722216	4007220796719	1	\$92.45		
5/8 x 1	WRC 15.9x25.4x6.35 C3 PLUS	SC-6	21724472	4007220053195	1	\$112.61		
3/4 x 1	WRC 19x25.4x6.35 C3 PLUS	SC-7	21724482	4007220053225	1	\$140.44		
KUD Ball Shape								
1/4 x 3/16	KUD 6.35x4.8x6.35 C3 PLUS	SD-1	21724542	4007220053324	1	\$35.96	 C3 PLUS	
5/16 x 1/4	KUD 7.9x6.35x6.35 C3 PLUS	SD-2	21724552	4007220053355	1	\$38.98		
3/8 x 5/16	KUD 9.5x7.9x6.35 C3 PLUS	SD-3	21724562	4007220053379	1	\$45.86		
1/2 x 7/16	KUD 12.7x11.1x6.35 C3 PLUS	SD-5	21724582	4007220053430	1	\$54.62		
1/2 x 3/8	KUD 1210/6.35 TOUGH	SD-5	21722244	4007220796740	1	\$60.14		
TRE Oval Shape								
1/4 x 3/8	TRE 6.35x9.5x6.35 C3 PLUS	SE-1	21724632	4007220053546	1	\$42.42	 C3 PLUS	
3/8 x 5/8	TRE 9.5x15.9x6.35 C3 PLUS	SE-3	21724642	4007220053560	1	\$68.17		
3/8 x 5/8	TRE 1016/6.35 TOUGH	SE-3	21722260	4007220796764	1	\$87.76		
1/2 x 7/8	TRE 12.7x22.2x6.35 C3 PLUS	SE-5	21724652	4007220053591	1	\$79.79		
1/2 x 7/8	TRE 12.7x22.2x6.35 C ALU	SE-5	21724655	4007220266373	1	\$79.79		
RBF Tree Radius								
1/4 x 5/8	RBF 6.35x15.9x6.35 C3 PLUS	SF-1	21724692	4007220053669	1	\$47.68	 C3 PLUS	
1/4 x 5/8	RBF 6.35x15.9x6.35 C ALU	SF-1	21724695	4007220463840	1	\$47.68		
3/8 x 3/4	RBF 9.5x19x6.35 C3 PLUS	SF-3	21724702	4007220053690	1	\$69.72		
3/8 x 3/4	RBF 9.5x19x6.35 C ALU	SF-3	21724705	4007220266403	1	\$69.72		
3/8 x 3/4	RBF 9.5x19x6.35 INOX	SF-3	21724707	4007220921708	1	\$93.00		
3/8 x 3/4	RBF 9.5x19x6.35 STEEL	SF-3	21724708	4007220946435	1	\$93.02		
1/2 x 1	RBF 12.7x25.4x6.35 C3 PLUS	SF-5	21724722	4007220053751	1	\$76.67		
1/2 x 1	RBF 12.7x25.4x6.35 C ALU	SF-5	21724725	4007220266410	1	\$76.67		
1/2 x 1	RBF 12.7x25.4x6.35 INOX	SF-5	21724727	4007220921715	1	\$104.13		
1/2 x 1	RBF 12.7x25.4x6.35 STEEL	SF-5	21724728	4007220946442	1	\$104.08		
1/2 x 3/4	RBF 12.7x19x6.35 C3 PLUS	SF-5	21724732	4007220053782	1	\$78.18		
1/2 x 1	RBF 1225/6.35 TOUGH	SF-5	21722276	4007220076771	1	\$84.42		
SPG Pointed Tree								
1/4 x 5/8	SPG 6.35x15.9x6.35 C3 PLUS	SG-1	21724782	4007220053874	1	\$46.12		 C3 PLUS
3/8 x 3/4	SPG 9.5x19x6.35 C3 PLUS	SG-3	21724802	4007220053935	1	\$65.81		
3/8 x 3/4	SPG 9.5x19x6.35 STEEL	SG-3	21724808	4007220946459	1	\$89.11		
3/8 x 3/4	SPG 1020/6.35 TOUGH	SG-3	21722294	4007220796795	1	\$72.44		
1/2 x 1	SPG 12.7x25.4x6.35 C3 PLUS	SG-5	21724812	4007220053966	1	\$74.94		
1/2 x 1	SPG 12.7x25.4x6.35 STEEL	SG-5	21724818	4007220946466	1	\$103.31		
1/2 x 1	SPG 1225/6.35 TOUGH	SG-5	21722296	4007220796801	1	\$82.44		
B Flame Shape								
5/16 x 3/4	B 7.9x19x6.35 C3 PLUS	SH-2	21724872	4007220054055	1	\$56.51		
1/2 x 1 1/4	B 12.7x31.7x6.35 C3 PLUS	SH-5	21724882	4007220054079	1	\$99.84		

Head size inches	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 1/4" Shank (continued)						
KEL Cone Radius End		US Designation				
5/16 x 7/8	KEL 7.9x22.2x6.35 C3 PLUS	SL-2	21725142	4007220054406	1	\$62.63
3/8 x 1 1/8	KEL 9.9x30.3x6.35 C3 PLUS	SL-3	21725152	4007220054437	1	\$68.05
3/8 x 1 1/8	KEL 9.5x28.6x6.35 INOX	SL-3	21725157	4007220921739	1	\$91.12
3/8 x 1 1/8	KEL 9.9x30.3x6.35 STEEL	SL-3	21725158	4007220946688	1	\$91.07
1/2 x 1 1/16	KEL 12.7x28.6x6.35 C3 PLUS	SL-5	21725162	4007220054468	1	\$87.34
1/2 x 1 1/16	KEL 12.7x28.6x6.35 C ALU	SL-5	21725165	4007220266380	1	\$87.34
1/2 x 1/8	KEL 12.7x28.6x6.35 INOX	SL-5	21725167	4007220921722	1	\$132.04
1/2 x 1 1/4	KEL 13.1x32.3x6.35 STEEL	SL-5	21725168	4007220946701	1	\$132.10
1/2 x 1	KEL 1225/6.35 TOUGH	SL-5	21722346	4007220796825	1	\$96.09
SKM Pointed Cone						
1/4 x 3/4	SKM 6.35x19x6.35 C3 PLUS	SM-1	21725212	4007220054567	1	\$54.04
3/8 x 3/4	SKM 9.5x19x6.35 C3 PLUS	SM-3	21725232	4007220054604	1	\$87.92
1/2 x 1	SKM 12.7x25.4x6.35 C3 PLUS	SM-5	21725242	4007220054635	1	\$98.80
Tungsten Carbide Burrs - Extended 1/4" Shank						
Extended Shank - 1/4" x 6" - HSS shanks can be cut to length						
3/8 x 3/4	ZYA 9.5x19x6.35-150 C3 PLUS	SA-3 L4	21725812	4007220054819	1	\$114.65
1/2 x 1	ZYA 12.7x1x6.35-150 C3 PLUS	SA-5 L4	21725822	4007220054833	1	\$117.87
3/8 x 3/4	WRC 9.5x19x6.35-150 C3 PLUS	SC-3 L4	21725872	4007220054857	1	\$116.94
1/2 x 1	WRC 12.7x25.4x6.35-150 C3 PLUS	SC-5 L4	21725882	4007220054871	1	\$131.49
1/2 x 7/16	KUD 12.7x11.1x6.35-150 C3 PLUS	SD-5 L4	21725942	4007220054918	1	\$93.12
1/4 x 3/8	TRE 6.35x9.5x6.35-150 C3 PLUS	SE-1 L4	21725982	4007220271193	1	\$74.12
3/8 x 3/4	RBF 9.5x19x6.35-150 C3 PLUS	SF-3 L4	21726052	4007220054970	1	\$82.54
1/2 x 1	RBF 12.7x25.4x6.35-150 C3 PLUS	SF-5 L4	21726062	4007220054994	1	\$120.55
3/8 x 1 1/16	KEL 9.5x28.6x6.35-150 C3 PLUS	SL-3 L4	21726222	4007220055090	1	\$111.98
Tungsten Carbide Burr Sets						
Carbide Burr Sets - Imperial 1/4"- CUT C3 PLUS						
Assorted	5 Piece Set - 1505		26005693	4007220818046	1	\$212.99
Contents:	SA-1, SC-1, SC-5, SF-5, SG-5					
Assorted	10 Piece Set - 1510		26005694	4007220818053	1	\$431.03
Contents:	SA-1, SA-3, SC-1, SC-3, SC-5, SD-3, SE-3, SF-1, SF-5, SG-5					
Carbide Burr Sets - 1/4"- Cut TOUGH Unique construction resists chipping						
Assorted	5 Piece Set		26006171	4007220904091	1	\$330.12
Contents:	SA-3, SC-3, SC-5, SF-5, SG-5					
Assorted	10 Piece Set		26006172	4007220904107	1	\$646.60
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	TC-BURRS SET "STEEL CUT" 5pcs		26000013	4007220958681	1	\$427.06
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" - INOX Stainless Steel Exclusive Inox cut gives longer and faster cut.						
Assorted	8 Piece Set		75604535	4007220945902	1	\$768.65
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 9.5 x 19x6.35 INOX, RBF 12.7x25.4x6.35 INOX, KEL 9.5x28.6x6.35 INOX, KEL 12.7x28.6x6.35 INOX					








































Head size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burr Sets (continued)						
Carbide Burr Set - 1/4" - Cut ALU - ALUMINIUM						
Assorted	5 Piece Set	26005695	4007220818060	1	\$323.10	
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					
Tungsten Carbide Burrs - 3mm Shank						
Miniature Burrs - 3mm Shank - ZYAS - Cylindrical (End Cut)						
2 x 10	ZYAS 0210/3 C5	21200153	4007220049464	1	\$29.80	
3 x 13	ZYAS 0313/3 C5	21200253	4007220049488	1	\$24.84	
3 x 13	ZYAS 0313/3 C3 PLUS	21200283	4007220049501	1	\$24.60	
3 x 13	ZYAS 0313/3 C4	26002029	4007220779392	1	\$33.20	
6 x 7	ZYAS 0607/3 C5	21200353	4007220049518	1	\$40.07	
6 x 7	ZYAS 0607/3 C3 PLUS	21200383	4007220049532	1	\$39.76	
6 x 13	ZYAS 0613/3 C5	21200453	4007220049549	1	\$42.11	
6 x 13	ZYAS 0613/3 C3 PLUS	21200483	4007220049563	1	\$43.51	
Miniature Burrs - 3mm Shank - B Flame Shape						
3 x 7	B 0307/3 C5	21202553	4007220049570	1	\$29.71	
6 x 13	B 0613/3 C5	21203653	4007220049594	1	\$53.79	
Miniature Burrs - 3mm Shank - WRC Cylindrical Radius End						
3 x 13	WRC 0313/3 C5	21205153	4007220049648	1	\$24.84	
3 x 13	WRC 0313/3 C3 PLUS	21205183	4007220049662	1	\$27.83	
6 x 13	WRC 0613/3 C5	21205253	4007220049679	1	\$63.95	
6 x 13	WRC 0613/3 C3 PLUS	21205283	4007220049693	1	\$51.32	
Miniature Burrs - 3mm Shank - WKNS Inverted Cone						
3 x 7	WKNS 0307/3 C5	21207553	4007220049709	1	\$33.60	
Miniature Burrs - 3mm Shank - KUD Ball Shape						
3 x 2	KUD 0302/3 C5	21211053	4007220049761	1	\$24.97	
3 x 2	KUD 0302/3 C3 PLUS	21211083	4007220049778	1	\$26.63	
4 x 3	KUD 0403/3 C5	21212553	4007220049785	1	\$41.74	
4 x 3	KUD 0403/3 C3 PLUS	21212583	4007220049792	1	\$41.74	
6 x 5	KUD 0605/3 C3 PLUS	21213083	4007220049815	1	\$35.23	
Miniature Burrs - 3mm Shank - SKM Conical Pointed						
3 x 7	SKM 0307/3 C5	21214053	4007220049822	1	\$31.32	
6 x 13	SKM 0613/3 C5	21215053	4007220049860	1	\$46.32	
Miniature Burrs - 3mm Shank - RBF Tree Radius End						
3 x 7	RBF 0307/3 C5	21217553	4007220049884	1	\$29.80	
6 x 13	RBF 0613/3 C5	21230053	4007220049990	1	\$51.55	
6 x 13	RBF 0613/3 C3 PLUS	21230083	4007220050019	1	\$53.15	
Miniature Burrs - 3mm Shank - SPG Pointed Tree						
3 x 7	SPG 0307/3 C5	21222553	4007220049907	1	\$29.71	
3 x 13	SPG 0313/3 C5	21222653	4007220049938	1	\$30.38	
6 x 13	SPG 0613/3 C3 PLUS	21222783	4007220049983	1	\$47.99	
Miniature Burrs - 3mm Shank - TRE Oval Shape						
3 x 7	TRE 0307/3 C5	21210053	4007220049747	1	\$29.80	
3 x 7	TRE 0307/3 C3 PLUS	21210083	4007220049754	1	\$33.71	
6 x 10	TRE 0610/3 C5	21235053	4007220050026	1	\$61.50	
Miniature Burr Set - 3mm Shank						
Assorted	15 Piece Miniature Burr Set 3mm Shank C5	21901501	4007220055892	1	\$542.53	
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					

Cuts for universal applications







Cut TOUGH  <ul style="list-style-type: none"> 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  <ul style="list-style-type: none"> Good stock removal on almost all materials < 68 HRC High surface quality Reduced vibration and less noise
Cuts for universal applications	
Cut INOX  <ul style="list-style-type: none"> Extremely high stock removal performance on all austenitic, rust- and acid-resistant steels, stainless steel (INOX) Substantially reduced vibration and less noise 	Cut 3 (MY according to DIN 8033)  <ul style="list-style-type: none"> Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys High stock removal Good surface
Cut ALU  <ul style="list-style-type: none"> High stock removal performance on aluminium and aluminium alloys, light metals, non-ferrous metals and plastics Smooth milling 	Cut 3 PLUS (MX according to DIN 8033)  <ul style="list-style-type: none"> Similar to cut 3, but with cross cut Machining of cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys High stock removal
Cut NON-FERROUS  <ul style="list-style-type: none"> High stock removal performance on non-ferrous metals, brass, copper, plastics and fibre-reinforced plastics Universally usable 	Cut 5 (F according to DIN 8033)  <ul style="list-style-type: none"> 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 Burrs - 6mm Shank						
Standard Shapes - 6mm Shank						
ZYA - Cylindrical						
4 x 13	ZYA 0413/6 C3 PLUS	21101526	4007220045435	1	\$40.54	 C3 PLUS  ALU  INOX  MICRO  NON FERROUS
6 x 16	ZYA 0616/6 C3 PLUS	21101626	4007220045480	1	\$37.82	
6 x 16	ZYA 0616/6 C5	21101656	4007220045510	1	\$37.82	
6 x 16	ZYA 0616/6 INOX	21101682	4007220900499	1	\$59.16	
6 x 16	ZYA 0616/6 MICRO	21101676	4007220895559	1	\$90.28	
8 x 20	ZYA 0820/6 C3 PLUS	21101726	4007220045541	1	\$51.18	
8 x 20	ZYA 0820/6 MICRO	21101776	4007220895573	1	\$96.14	
10 x 13	ZYA 1013/6 C3 PLUS	21101826	4007220045596	1	\$61.50	
10 x 20	ZYA 1020/6 C3 PLUS	21102126	4007220045879	1	\$61.23	
10 x 20	ZYA 1020/6 MICRO	21102176	4007220895603	1	\$104.74	
10 x 25	ZYA 1025/6 C3 PLUS	21102226	4007220045978	1	\$70.67	
12 x 25	ZYA 1225/6 C3 PLUS	21101926	4007220045695	1	\$74.30	
12 x 25	ZYA 1225/6 C5	21101956	4007220045756	1	\$80.58	
12 x 25	ZYA 1225/6 INOX	21101982	4007220900505	1	\$113.88	
12 x 25	ZYA 1225/6 C NON-FERROUS	21101996	4007220533314	1	\$109.28	
16 x 25	ZYA 1625/6 C3 PLUS	21102026	4007220045800	1	\$93.12	
10 x 20	ZYA 1020/6 C3	21102106	4007220045855	1	\$61.23	
ZYAS Cylindrical (End Cut)						
6 x 16	ZYAS 0616/6 C3 PLUS	21100226	4007220044971	1	\$49.45	 C3 PLUS  ALU  TOUGH
6 x 16	ZYAS 0616/6 C4*	21100246	4007220044995	1	\$50.56	
8 x 20	ZYAS 0820/6 C3 PLUS	21100326	4007220045022	1	\$56.69	
8 x 20	ZYAS 0820/6 TOUGH	21000003	4007220769997	1	\$96.20	
10 x 13	ZYAS 1013/6 C3 PLUS	21100426	4007220045084	1	\$68.05	
10 x 20	ZYAS 1020/6 C3 PLUS	21100726	4007220045305	1	\$68.17	
10 x 20	ZYAS 1020/6 C ALU	21100786	4007220533321	1	\$66.76	
10 x 20	ZYAS 1020/6 TOUGH	21000005	4007220770023	1	\$110.18	
10 x 25	ZYAS 1025/6 C3 PLUS	21100826	4007220045374	1	\$88.38	
12 x 25	ZYAS 1225/6 C3	21100506	4007220045145	1	\$93.12	





* Discontinued - Available Only While Stocks Last

Head size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank (continued)						
ZYAS Cylindrical (End Cut) (continued)						
12 x 25	ZYAS 1225/6 C3 PLUS	21100526	4007220045176	1	\$96.42	 C3 PLUS
12 x 25	ZYAS 1225/6 C ALU	21100586	4007220533345	1	\$96.25	 ALU
12 x 25	ZYAS 1225/6 C NON-FERROUS	26003054	4007220422281	1	\$93.12	 NON FERROUS
16 x 25	ZYAS 1625/6 C3 PLUS	21100626	4007220045251	1	\$107.87	
B Flame Shape						
8 x 20	B 0820/6 C3 PLUS	21103126	4007220046067	1	\$56.02	 C3 PLUS
12 x 30	B 1230/6 C3 PLUS	21103326	4007220046111	1	\$105.05	 TOUGH
KUD Ball Shape						
4 x 3	KUD 0403/6 C3 PLUS	21112026	4007220046791	1	\$35.75	 C3 PLUS
6 x 5	KUD 0605/6 C3 PLUS	21112526	4007220046821	1	\$35.43	
6 x 5	KUD 0605/6 INOX	21112582	4007220900536	1	\$65.61	 ALU
8 x 7	KUD 0807/6 C3 PLUS	21112626	4007220046883	1	\$38.77	
8 x 7	KUD 0807/6 C NON-FERROUS	21112696	4007220221082	1	\$50.68	 INOX
10 x 9	KUD 1009/6 C3 PLUS	21112726	4007220046951	1	\$45.56	
12 x 10	KUD 1210/6 C3 PLUS	21112826	4007220047033	1	\$56.02	 NON FERROUS
12 x 10	KUD 1210/6 INOX	21112882	4007220900543	1	\$111.40	
16 x 14	KUD 1614/6 C3 PLUS	21112926	4007220047132	1	\$79.51	
20 x 18	KUD 2018/6 C3 PLUS	21113026	4007220047224	1	\$110.94	
WRC Cylindrical Radius End						
6 x 16	WRC 0616/6 C3 PLUS	21105026	4007220046234	1	\$47.79	 C3 PLUS
6 x 16	WRC 0616/6 C5	21105056	4007220046265	1	\$60.29	
6 x 16	WRC 0616/6 INOX	21105082	4007220900512	1	\$76.13	 ALU
6 x 16	WRC 0616/6 MICRO	21105076	4007220869017	1	\$100.31	
6 x 16	WRC 0616/6 C NON-FERROUS	21105096	4007220221068	1	\$55.40	 INOX
8 x 20	WRC 0820/6 C3 PLUS	21105126	4007220046302	1	\$53.67	
8 x 20	WRC 0820/6 C4 *	21105146	4007220046326	1	\$56.55	
8 x 20	WRC 0820/6 MICRO	21105176	4007220869024	1	\$105.65	 MICRO
10 x 20	WRC 1020/6 C3 PLUS	21105226	4007220046388	1	\$63.46	
10 x 25	WRC 1025/6 C3 PLUS	21105526	4007220046715	1	\$70.51	 TOUGH
12 x 25	WRC 1225/6 C3 PLUS	21105326	4007220046500	1	\$74.30	
12 x 25	WRC 1225/6 C ALU	21105386	4007220533260	1	\$100.27	 NON FERROUS
12 x 25	WRC 1225/6 INOX	21105382	4007220900529	1	\$131.58	
12 x 25	WRC 1225/6 C NON-FERROUS	21105396	4007220533284	1	\$98.80	
12 x 25	WRC 1225/6 TOUGH	21000036	4007220770122	1	\$149.83	
16 x 25	WRC 1625/6 C3 PLUS	21105426	4007220046630	1	\$121.89	
SPG Pointed Tree						
6 x 18	SPG 0618/6 C3 PLUS	21122526	4007220047941	1	\$45.64	 C3 PLUS
6 x 18	SPG 0618/6 INOX	21122582	4007220936948	1	\$59.16	
10 x 20	SPG 1020/6 C3 PLUS	21122626	4007220048023	1	\$65.50	 INOX
12 x 25	SPG 1225/6 C3 PLUS	21122726	4007220048146	1	\$70.67	
12 x 30	SPG 1230/6 C3 PLUS *	21123426	4007220048382	1	\$88.03	
16 x 30	SPG 1630/6 C3 PLUS *	21122826	4007220048276	1	\$110.88	 TOUGH

* Discontinued - Available Only While Stocks Last

Head size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank (continued)						
SKM Conical Pointed						
6 x 18	SKM 0618/6 C3 PLUS	21115026	4007220047293	1	\$53.58	
10 x 20	SKM 1020/6 C3 PLUS	21115126	4007220047354	1	\$83.79	
12 x 25	SKM 1225/6 C1	21115216	4007220047415	1	\$77.18	
12 x 25	SKM 1225/6 C3 PLUS	21115226	4007220047422	1	\$95.01	
12 x 25	SKM 1225/6 C5	21115256	4007220047477	1	\$84.11	
KSJ, KSK Conical (Included Angle)						
16 x 13	KSJ 1613/6 C3	21115336	4007220047491	1	\$73.63	 KSJ - 60°INC. ANGLE KSK - 90°INC. ANGLE
16 x 8	KSK 1608/6 C3	21115436	4007220047521	1	\$65.61	
6 x 3	KSK 0603/6 C3	21115636	4007220047569	1	\$37.01	
10 x 5	KSK 1005/6 C3	21115836	4007220047583	1	\$50.03	
RBF Tree Radius End						
6 x 18	RBF 0618/6 C3 PLUS	21117326	4007220047606	1	\$47.27	 C3 PLUS ALU INOX MICRO TOUGH NON FERROUS
6 x 18	RBF 0618/6 C5	21117356	4007220047637	1	\$48.47	
6 x 18	RBF 0618/6 C ALU	21117386	4007220328071	1	\$84.74	
6 x 18	RBF 0618/6 INOX	21117382	4007220900550	1	\$89.12	
8 x 20	RBF 0820/6 C3 PLUS	21117626	4007220047651	1	\$66.18	
10 x 20	RBF 1020/6 C3 PLUS	21117726	4007220047705	1	\$68.17	
10 x 20	RBF 1020/6 C5	21117756	4007220047736	1	\$70.67	
10 x 20	RBF 1020/6 MICRO	21157210	4007220835517	1	\$91.87	
10 x 20	RBF 1020/6 TOUGH	21000075	4007220770207	1	\$125.58	
12 x 25	RBF 1225/6 C3 PLUS	21117826	4007220047781	1	\$74.30	
12 x 25	RBF 1225/6 C5	21117856	4007220047835	1	\$78.31	
12 x 25	RBF 1225/6 C ALU	21117886	4007220533208	1	\$102.19	
12 x 25	RBF 1225/6 INOX	21117882	4007220900567	1	\$131.21	
12 x 25	RBF 1225/6 C NON-FERROUS	26002823	4007220335321	1	\$98.71	
12 x 25	RBF 1225/6 TOUGH	21000076	4007220770214	1	\$135.81	
16 x 30	RBF 1630/6 C3 PLUS	21117926	4007220047873	1	\$124.65	
KEL Conical Radius End						
10 x 20	KEL 1020/6 C3 PLUS	21125026	4007220048481	1	\$67.48	 C3 PLUS NON FERROUS
10 x 20	KEL 1020/6 C NON-FERROUS	21125096	4007220221105	1	\$84.38	
12 x 25	KEL 1225/6 C3 PLUS	21125126	4007220048559	1	\$95.56	
12 x 30	KEL 1230/6 C3 PLUS	21125226	4007220048634	1	\$107.97	
12 x 30	KEL 1230/6 C5	21125256	4007220048689	1	\$90.37	
12 x 30	KEL 1230/6 C NON-FERROUS	21125296	4007220533116	1	\$115.90	
16 x 30	KEL 1630/6 C3 PLUS	21125326	4007220048719	1	\$109.28	
16 x 30	KEL 1630/6 C4 *	21125346	4007220048733	1	\$113.81	
TRE Oval Shape						
6 x 10	TRE 0610/6 C3 PLUS	21134826	4007220048771	1	\$42.00	 C3 PLUS
6 x 10	TRE 0610/6 C5	21134856	4007220048801	1	\$59.73	
8 x 13	TRE 0813/6 C3 PLUS	21135026	4007220048894	1	\$49.66	
10 x 16	TRE 1016/6 C3 PLUS	21134926	4007220048832	1	\$67.59	
12 x 20	TRE 1220/6 C3 PLUS	21135126	4007220048962	1	\$75.51	
12 x 20	TRE 1220/6 C5	21135156	4007220049020	1	\$107.05	
16 x 25	TRE 1625/6 C3 PLUS *	21135226	4007220049099	1	\$119.07	
16 x 25	TRE 1625/6 C4 *	21135246	4007220049136	1	\$131.49	

Head size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Tungsten Carbide Burrs - 6mm Shank (continued)						
Edge & Radius Burrs						
16 x 10	V 1610/6 CR2.5 Cut EDGE with Bearing Guide	26006362	4007220943359	1	\$192.81	 V Series  KSJ Series  KSK Series
16 x 12	V 1612/6 CR3.0 Cut EDGE with Bearing Guide	21152936	4007220952412	1	\$192.81	
16 x 5	KSJ 1605/6 30 Radius	21115366	4007220952443	1	\$192.81	
16 x 3	KSK 1603/6 45 Radius For special air tool PG3/210 DH and associated guide plates.	21115466	4007220952436	1	\$192.81	
Carbide Burr Sets - Metric 6mm						
Assorted	1503 -10 Piece Set C3 PLUS Contents: ZYA 1025, ZYA 1225, WRC 0616, WRC 1025, WRC 1225, RBF 0618, RBF 1020, RBF 1225, KEL 1020, TRE 1220	26005691	4007220818022	1	\$687.31	
Assorted	1504 -5 Piece Set C3 PLUS Contents: ZYA 1025, WRC 1025, WRC 1225, RBF 1020, TRE 1220	26005692	4007220818039	1	\$358.94	
Carbide Burr Set - 6mm - INOX - Stainless Steel						
Assorted	8 Piece Set Contents: ZYA 0616, ZYA 1225, KUD 0605, KUD 1210, WRC 0616, WRC 1225, RBF 0618, RBF 1225 6.0mm Shank	75604004	4007220912591	1	\$833.80	
High Speed Disc ALUMASTER®						
ALUMASTER®						
Size mm						
115/125	HSD-F 115/125 ALUMASTER	22000009	4007220026106	1	\$1,721.28	
12	WSP-A-12R ALUMASTER Spare Cutting Insert Set (10 per set)	22000008	4007220018583	1	\$675.10	
	WSP-S-M4S Spare Screws for Inserts (5 per set)	22000007	4007220005392	1	\$106.19	
	Service Kit Contents: 2 cutting inserts 2 screws 1 Torx wrench	N! 22000014	4007220061237	1	\$223.00	
						
						

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Hole Saws							
Bi-Metal - Hole Saws							
16	LS 16	25100116	4007220062319	1	\$12.17		
17	LS 17	25100117	4007220319093	1	\$12.17		
19	LS 19	25100119	4007220062326	1	\$12.17		
20	LS 20	25100220	4007220062333	1	\$12.17		
22	LS 22	25100322	4007220062340	1	\$12.48		
25	LS 25	25100425	4007220062357	1	\$13.42		
27	LS 27	25100527	4007220062364	1	\$13.42		
29	LS 29	25100629	4007220062371	1	\$13.42		
30	LS 30	25100730	4007220062388	1	\$14.60		
32	LS 32	25100832	4007220062395	1	\$15.54		
35	LS 35	25101035	4007220062418	1	\$16.10		
37	LS 37 *	25101137	4007220319123	1	\$16.18		
38	LS 38	25101138	4007220062425	1	\$17.58		
40	LS 40	25101240	4007220319130	1	\$17.77		
41	LS 41	25101241	4007220062432	1	\$17.77		
44	LS 44	25101344	4007220062449	1	\$19.46		
48	LS 48	25101448	4007220062456	1	\$19.46		
51	LS 51	25101551	4007220062463	1	\$19.46		
52	LS 52	25101552	4007220319161	1	\$19.46		
54	LS 54	25101654	4007220062470	1	\$20.70		
57	LS 57	25101757	4007220062487	1	\$20.70		
60	LS 60	25101860	4007220062494	1	\$24.26		
64	LS 64	25101963	4007220062500	1	\$24.26		
65	LS 65	25101965	4007220319185	1	\$24.26		
67	LS 67	25102067	4007220062517	1	\$26.79		
70	LS 70	25102170	4007220062524	1	\$26.79		
73	LS 73	25102273	4007220062531	1	\$26.79		
76	LS 76	25102376	4007220062548	1	\$26.79		
79	LS 79	25102479	4007220062555	1	\$28.48		
83	LS 83	25102583	4007220062562	1	\$34.06		
86	LS 86	25102586	4007220319192	1	\$36.40		
89	LS 89	25102689	4007220062579	1	\$36.40		
92	LS 92	25102792	4007220062586	1	\$36.40		
95	LS 95	25102895	4007220062593	1	\$36.40		
102	LS 102	25102912	4007220062609	1	\$38.87		
105	LS 105	25103015	4007220062616	1	\$43.72		
111	LS 111	25103111	4007220319222	1	\$44.66		
114	LS 114	25103114	4007220062623	1	\$47.38		
121	LS 121	25103221	4007220319239	1	\$51.90		
127	LS 127	25103227	4007220319246	1	\$52.18		
140	LS 140	25103440	4007220319253	1	\$54.71		
152	LS 152	25103552	4007220319260	1	\$67.73		

Size mm/in	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Hole Saw Sets						
Bi-Metal - Hole Saw Sets						
	Mechanic's Hole Saw Set (9 Piece Set) *	25900930	4007220819883	1	\$193.90	
Contents:	Hole Saw Sizes: 20mm, 22mm, 25mm, 32mm, 40mm and 51mm Hex Shank Arbor: 1/4" and 3/8" Adaptor					
	Engineer's Hole Saw Set (13 Piece Set)	25900020	4007220819852	1	\$237.62	
Contents:	Hole Saw Sizes: 20, 22, 25, 32, 40, 44, 51, 57 and 64mm Hex Shank Arbor: 1/4" and 3/8" Pilot Drill: 6/90 (long) Adaptor					
	Plumber's Hole Saw Set LS-SO 10 Plumb (9 Piece Set)	25999902	4007220663585	1	\$237.85	
Contents:	Hole Saw Sizes: 41, 51, 57, 73, 86 and 111mm Hex Shank Arbor: 3/8" Pilot Drill: 6/60 (short) Adaptor					
	Electrician's Hole Saw Set LS-SO 9 E-1 (13 Piece Set)	25900910	4007220319321	1	\$253.69	
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	\$50.23	
Contents:	Hole saw sizes: 70mm and 92mm					
Hole Saw Arbors						
	LSS 1 9.53mm - 3/8" HEX SHANK 1/2" - 20UNF Suits LS14-30mm	25200111	4007220062630	1	\$19.46	
	LSS 2 9.53mm - 3/8" HEX SHANK 5/8" - 18UNF Suits LS32-152mm	25200211	4007220062647	1	\$29.22	
	LSS 4 6.35mm - 1/4" ROUND SHANK 1/2" - 20UNF Suits LS14-30mm	25200407	4007220062661	1	\$14.60	
Quick Change Hole Saw Mounting System						
	QUICK CHANGE SYSTEM PSL 11	25200900	4007220900185	1	\$66.22	
	ADAPTOR-SET AS-PSL LS14 - LS30	25200910	4007220900215	1	\$20.30	
	ADAPTOR-SET AS-PSL LS30 - LS152	25200920	4007220900192	1	\$22.66	
						AS-PSL LS14 - LS30
						AS-PSL LS30 - LS152
Hole Saw Accessories						
	LSA - Adapter (Suits Arbors LSS 1 & LSS 4)	25203001	4007220319291	1	\$7.34	
	Ss2 - Grub Screw (To lock Pilot Drill)	28901014	4007220396131	1	\$2.28	
	6/60 - Pilot Drill (Suits LSS1 & LSS2) short	25202005	4007220319284	1	\$7.34	
	6/90 - Pilot Drill (Suits LSS4) long	25202007	4007220062708	1	\$7.34	

* Discontinued - Available Only While Stocks Last



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.



PFERDVIDEO

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

Cutting speeds

The diagram on the right allows you to determine the rotational speed from a given cutting speed. Recommended cutting speeds are stated in the introductory descriptions of the various hardness grades on the following pages. The recommended rotational speed can be taken from the product tables.

In the diagram, cutting speeds are represented by blue diagonal lines. Each vertical line represents a tool diameter and intersects the diagonal lines. From its point of intersection with the diagonal line for a given peripheral speed, proceed horizontally to the left margin where you will find the corresponding rotational speed of the mounted point and tool drive.

Example:

Mounted point outer diameter 20 mm
Hardness: M
Cutting speed: 30–50 m/s

Rotational speed: 28,600–47,700 RPM

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 0 PFERD**

Products made to order

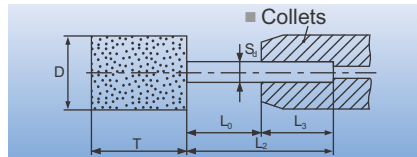
If you cannot find the solution for your particular application in our comprehensive product catalogue, we can produce mounted points in premium PFERD quality on request, tailor-made to meet the requirements of your job.

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.

Explanation of the code system according to EN 12413

- D = Mounted point outer diameter
- T = Mounted point width
- S_d = Shank diameter
- L_0 = Unsupported shank length
- L_2 = Shank length
- L_3 = Clamping length of shank



Safety notes

All mounted points supplied by PFERD are approved for a maximum operating speed of 50 m/s. Maximum permitted rotational speeds for the various shank lengths and shank diameters are defined in DIN 69170 based on EN 12413. These must be strictly adhered to in order to avoid buckling of the shank during use. Regardless of the shank length, the clamping length (L_3) in the machine collet must be at least 10 mm.

The maximum permitted rotational speed calculated in accordance with 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 L_0

Each packaging of PFERD mounted points comes with rotational speed recommendations for a given unsupported shank length (L_0) of that product. In addition, the concentric accuracy and correct clamping of the tool drive must be ensured.

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



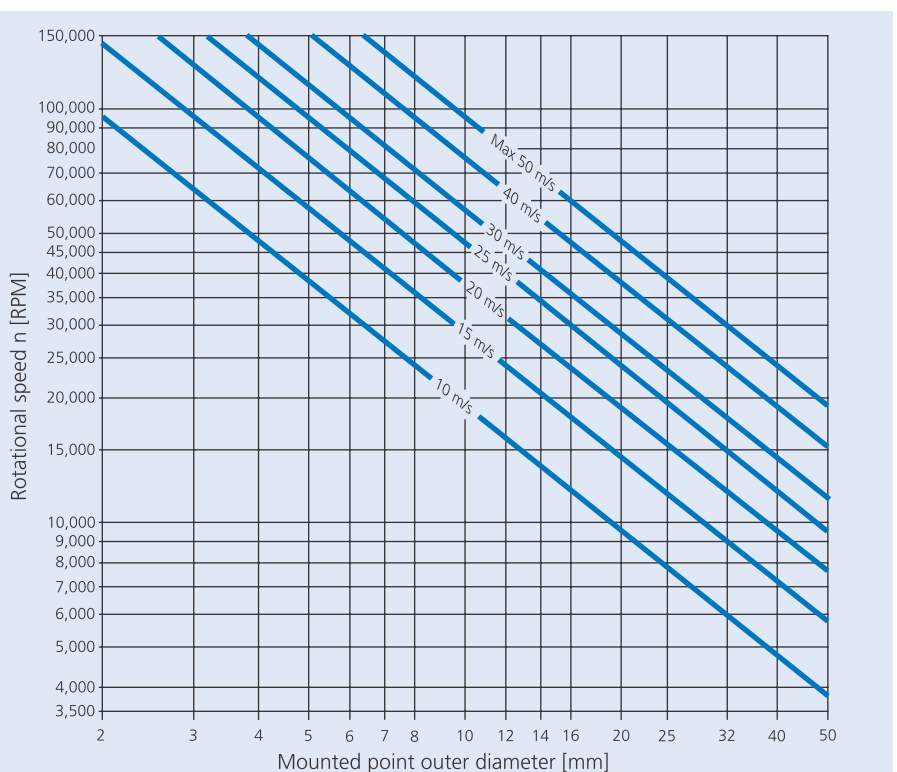
= Wear eye protection!



= Wear hearing protection!



= Read the safety instructions!



Mounted Points

The fast way to the best tool



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.

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 different types (abrasives, bonds and hardness grades) are recommended for the various materials and the tasks at hand.

How do I find the best mounted point?



1 Material

Normally it is necessary to determine the material to be machined. The various material groups are colour-coded and shown on the left-hand side of the chart below.

The application must then be selected according to the type of work on the material.

We make the following differentiation:

- General use,
- surface grinding and
- edge grinding applications.

1 Material groups			Bond	Resinoid bond	
			3 Hardness grade	Hardness L	Hardness N
			Abrasive grit type	ADW	AN
					
			Recommended cutting speed	35-50 m/s	35-50 m/s
			2 Application		
Steel, cast steel	Non-hardened, non-heat-treated steels up to 1200 N/mm ² (< 38 HRC)	Construction steels, carbon steels, tool steels, non-alloyed steels, case-hardened steels	General use on edge and surface		
			Surface grinding with high stock removal		
			Edge grinding with high form stability		
	Hardened heat-treated steels exceeding 1200 N/mm ² (> 38 HRC)	Tool steels, tempering steels, alloyed steels	General use on edge and surface		
			Surface grinding with high stock removal		
			Edge grinding with high form stability		
	Cast steels	Non-alloyed cast steels, low-alloyed cast steels	Surface grinding with high stock removal		
			Edge grinding with high form stability		
Stainless steel (INOX)	Rust and acid-resistant steels	Austenitic and ferritic stainless steels	Surface grinding with high stock removal	●	
			Edge grinding with high form stability		●
Non-ferrous metals	Soft 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 alloys and cobalt-based alloys (engine and turbine construction)			
Cast iron	Grey cast iron, white cast iron	Cast iron with fake graphite EN-GJL, with nodular graphite cast iron EN-GJS, white annealed cast iron EN-GJMW, black cast iron EN-GJMB	Surface grinding with high stock removal		
			Edge grinding and grinding of burning-in with high form stability		
Plastics and other materials		FRP, thermoplastics, rubber, wood	General use on edge and surface		

● = highly suitable

= suitable

* = additional types for foundries

This differentiation is necessary in order to find the optimum mounted point and correct bond type.

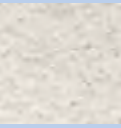


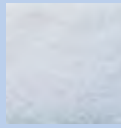






The mounted point bond, hardness and grain mix have a decisive impact on the abrasive performance, tool life and aggressiveness of the tools:

- For **general use**, the emphasis is on the balance between abrasive performance and tool life.
- In **surface grinding**, the mounted points are subject to lower loads. This is why the mounted point bond is comparatively soft and designed to give high stock removal.
- In **edge grinding**, the mounted points must be dimensionally stable. This is why the mounted point bond is comparatively hard and designed for a long tool life.

③ Mounted point hardness

After determining the application (see column ②) the hardness is selected in the horizontal row. The hardness grades of the bonds are arranged from soft to hard. The "highly suitable" hardness is indicated by a black dot (●).

Further "suitable" hardness grades are indicated by an open square (□). Applications that have been optimized specifically for foundries are indicated by a blue asterisk (*).

Vitrified bond									
Hardness D	Hardness F-ALU	Hardness H	Hardness I	Hardness J	Hardness K	Hardness M	Hardness O	Hardness R	Hardness T
AH	CN	AWN	AW	AWCO	ARN	ADW	AR	CU	AW
									
5-20 m/s	20-40 m/s	30-50 m/s	30-50 m/s	30-50 m/s	30-50 m/s	30-50 m/s	25-40 m/s	30-50 m/s	15-20 m/s
						●			
						●			
							●		
						●			
		●	●	●					
									●
						●	*		
							●*		
	●								
					●				
					●				
					●		*	*	
							*	●*	
●									

Mounted Points

General information



Codes

According to EN 12413 Cylindrical mounted point
ZY 2025 6 AR 30 O 5 V

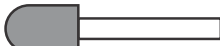
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Tool shapes

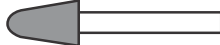
ZY = Cylindrical



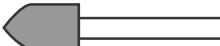
WR = Cylindrical with radius end



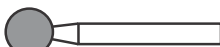
KE = Tapered



SP = Tree



KU = Ball



TO = Cup



US - shapes according to ANSI B74.2
Series W (Cylindrical in inch-dimensions)
Series A and B (other shapes)

② Dimensions

According to ISO 525
Dia. D x width T mm
e.g. D x T = ISO designation
3mm x 6mm = 0306
20mm x 25mm = 2025
50mm x 13mm = 5013

US dimensions - Series W
Cylindrical mounted points
and series
A + B shaped mounted
points are specified by
a number (e.g. W143)

③ Shanks

Please state the shank diameter in your order number. Shank lengths are factory-defined according to shank diameter as follows:

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

④ Abrasives

As a rule, two types of abrasives with internationally defined designations according to ISO 525 are used.

A = aluminium oxide (Al₂O₃)

C = silicon carbide (SiC)

In order to specify the exact type of abrasive or grain mixture, further classification - beyond this ISO 525 is necessary. The following classification is used:

AD = aluminium oxide, dark red

AW = aluminium oxide, white

AR = aluminium oxide, pink

AN = aluminium oxide, regular

AH = bubble grain

CN = silicon carbide, green

CU = silicon carbide, grey

CO = ceramic oxide grain, blue

ADW = alum. oxide mixture AD + AW

AWN = alum. oxide mixture AW + AN

ARN = alum. oxide mixture AR + AN

ADR = alum. oxide mixture AD + AR

AWCO = alum. mixture AW + CO

Hardness grades



Mounted points in hardness D are manufactured from a special vitrified bond and bubble grain aluminium oxide (HKK). The low bond volume in combination with the easy-to-break-down bubble grain produces the softest mounted points in the PFERD product range. The hardness D is particularly suitable for work on soft materials such as plastic, rubber, and wood, and is characterized by its high abrasiveness.



Mounted points in hardness F-ALU are manufactured from green silicon carbide in a vitrified bond. The extremely open micro-structure and a special impregnation allow extremely high stock removal rates when working on lubricating materials. The hardness F-ALU is produced especially for general use on aluminium and non-ferrous metals and is characterized by its high abrasive qualities and stock removal.



Mounted points in hardness J are manufactured from a vitrified bond and a grain mix of white aluminium and blue ceramic. The soft bond in combination with the easy-to-break-down, sharp-edged white aluminium oxide and the self-sharpening effect of the microcrystalline ceramic oxide grain allows extremely high stock removal rates with excellent tool life. The hardness J is perfectly suited for surface work on titanium materials, nickel- and cobalt-based alloys, hardened steel components and build-up weld deposits.



Mounted points in hardness L are manufactured from a grain mix of white and dark red aluminium oxide and a high-quality resinoid bond. This relatively soft bond contains grinding additives and, in combination with the grain mix, leads to exceptionally high stock removal rates and a long tool life. The hardness L is particularly suited for surface work on stainless steel (INOX) and for general use on non-ferrous metals and bronze.



Mounted points in hardness M, are manufactured from a grain mix of tough, dark red and easy-to-break-down, white aluminium oxide in a vitrified bond. This grain combination leads to a good balance between stock removal rate and tool life. The hardness M is the most universally used bond for work on steel and cast steel.



Mounted points in hardness N are manufactured from regular aluminium oxide and a high-quality resinoid bond. This relatively hard bond contains grinding additives, which in combination with tough regular aluminium oxide and hard bond allow high stock removal rates and excellent tool life. The hardness N is particularly suited for edge grinding on stainless steel (INOX). It is characterized by cool grinding and high dimensional stability.



Mounted points in hardness O consist of pink aluminium oxide in a vitrified bond. These tools are characterized by a very long tool life and good stock removal rate due to the combination of wear-resistant grain and a hard bond. The hardness O is particularly suited for use on edges and for deburring work on steel components.



Mounted points in hardness R, are manufactured from grey silicone carbide in a vitrified bond. The combination of very hard abrasive grain and high bond content means that extremely long tool life is achieved when grinding. The hardness R is particularly suitable for use on edges and for grinding out metal contamination on grey and nodular cast iron at high cutting speeds.

⑤ Grit sizes

Grit sizes are specified according to ISO 525 and ISO 8486. The grit sizes of PFERD mounted points are correlated to the shape and diameter of the point.

⑥ Hardness grades

Abrasive hardness grades are classified according to ISO 525, using letters in alphabetical order to specify the hardness on an incremental scale (from soft to hard). See Below.

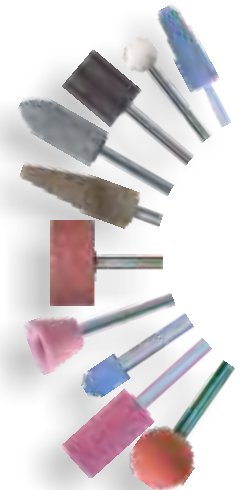
⑦ Structure number

The density of the structure, indicated in accordance with ISO 525 is given in the order number. The scale ranges from 1 = dense structure to 14 = open (porous) structure

⑧ Bond

Bond types are designated by an internationally standardized letter code according to ISO 525.


































V = vitrified bond
B = resinoid bond
















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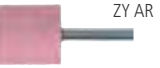
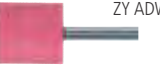


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Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points						
A Shapes - 1/4"(6.3) & 6mm Shank						
19 x 64	A1 6.3 ADW 30 M 5 V	35001253	4007220114582	10	\$11.07	 A1
19 x 64	A1 6.3 AR 30 O 5 V	35001273	4007220114599	10	\$11.07	 A2
25 x 32	A2 6.3 AR 30 O 5 V	35002273	4007220114612	10	\$8.77	 A3
25 x 70	A3 6.3 AR 30 O 5 V	35003273	4007220114636	10	\$12.53	 A4
32 x 32	A4 6.3 AR 30 O 5 V	35004273	4007220114650	5	\$9.39	 A5
19 x 29	A5 6.3 AR 30 O 5 V	35005273	4007220114667	10	\$7.62	 A11
22 x 50	A11 6 AR 30 O 5 V	35511273	4007220117200	10	\$10.42	 A12
22 x 50	A11 6.3 AR 30 O 5 V	35011273	4007220114698	10	\$10.42	 A14
22 x 50	A11 6.3 ADW 30 M 5 V	39101693	4007220473399	10	\$10.02	 A15
22 x 50	A11 6.3 AWE 36 T 5 V *	39101795	4007220559727	10	\$9.55	 A21
17 x 32	A12 6.3 AR 30 O 5 V	35012273	4007220114711	10	\$8.69	 A24
17 x 22	A14 6.3 AR 30 O 5 V *	35514273	4007220117248	10	\$8.32	 A25
6 x 27	A15 6.3 AR 60 O 5 V	35015296	4007220114759	10	\$7.38	 A26
25 x 25	A21 6.3 AR 30 O 5 V	35021273	4007220114766	10	\$8.03	 A26
6 x 19	A24 6.3 AR 60 O 5 V	35024276	4007220114803	10	\$5.64	 A34
25	A25 6.3 AR 30 O 5 V	35025273	4007220114810	10	\$9.25	 A36
16	A26 6.3 AR 30 O 5 V 1/4-60 (long shank)	39100962	4007220141663	10	\$6.15	 A37
38 x 10	A34 6.3 AR 30 O 5 V	35534273	4007220117385	10	\$9.61	 A39
41 x 10	A36 6.3 AR 60 O 5 V	35036276	4007220114902	5	\$7.73	 B52
32 x 6	A37 6.3 AR 60 O 5 V	35037276	4007220114919	5	\$8.25	 B53
19 x 19	A39 6.3 AR 60 O 5 V	39101061	4007220142073	10	\$5.86	 B54
B Shapes - 1/8" (3.1) & 3mm Shank						
10 x 19	B52 3 AR 46 O 5 V	35612274	4007220117514	10	\$7.27	 B61
6 x 16	B53 3 AR 100 O 5 V	35613270	4007220117538	10	\$6.34	 B72
6 x 13	B54 3 AR 100 O 5 V	35614270	4007220117552	10	\$5.11	 B73
19 x 8	B61 3 AR 80 O 5 V	35621278	4007220117590	10	\$7.85	 B81
13 x 3	B72 3 AR 100 O 5 V	35632270	4007220117699	10	\$5.97	 B97
13 x 3	B73 3 AR 100 O 5 V	35633270	4007220117705	10	\$6.29	 B103
19 x 8	B81 3 AR 100 O 5 V	35641270	4007220117712	10	\$6.56	 B104
2 x 10	B97 3 AR 100 O 5 V	35657270	4007220117811	10	\$6.17	 B121
16 x 5	B103 3 AR 80 O 5 V	35663278	4007220117866	10	\$7.15	 B122
8 x 10	B104 3 AR 80 O 5 V	35664278	4007220117873	10	\$6.10	 B123
13	B121 3 AR 46 O 5 V	35681274	4007220117972	10	\$7.21	 B125
10	B122 3 AR 80 O 5 V	35682278	4007220118009	10	\$5.16	
5	B123 3 AR 100 O 5 V	35683270	4007220118016	10	\$5.16	
5	B123 3.1 AR 100 O 5 V	35183270	4007220115701	10	\$5.64	
6	B125 3.1 AR 100 O 5 V	35185270	4007220115732	10	\$5.64	

Size mm/in	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Mounted Points							
W Shapes (Cylindrical) - 1/8" (3.1) & 3mm Shank							
3 x 10	W145 3 AR 100 O 5 V (ZY0310)	35805270	4007220118139	10	\$4.64		
3 x 13	W146 3 AR 100 O 5 V (ZY0313)	35806270	4007220118146	10	\$5.27		
5 x 13	W154 3 AR 60 O 5 V (ZY0513)	35814276	4007220118245	10	\$4.64		
5 x 13	W154 3 AR 100 O 5 V (ZY0513)	35814270	4007220118238	10	\$4.64		
6 x 10	W162 3 AR 60 O 5 V (ZY0610)	35822276	4007220118320	10	\$4.64		
6 x 10	W162 3 AR 100 O 5 V (ZY0610)	35822270	4007220118313	10	\$4.64		
6 x 19	W164 3 AR 100 O 5 V (ZY0619)	35824270	4007220118351	10	\$4.97		
8 x 13	W170 3 AR 46 O 5 V (ZY0813)	35830274	4007220118399	10	\$4.64		
10 x 3	W173 3 AR 60 O 5 V (ZY1003)	35833276	4007220118429	10	\$4.88		
10 x 10	W175 3 AR 46 O 5 V (ZY1010)	35835274	4007220118450	10	\$4.64		
10 x 10	W175 3 AR 80 O 5 V (ZY1010)	35835278	4007220118467	10	\$4.64		
16 x 3	W191 3 AR 60 O 5 V (ZY1603)	35851276	4007220118580	10	\$4.88		
19 x 3	W200 3 AR 60 O 5 V (ZY1903)	35860276	4007220118627	10	\$5.11		
25 x 3	W215 3.1 AR 100 O 5 V (ZY2503) *	39101489	4007220348314	10	\$5.99		
W Shapes (Cylindrical) - 1/4" (6.3) & 6mm Shank							
25 x 25	W220 6.3 AR 30 O 5 V (ZY2525)	35480273	4007220117019	10	\$7.50		 
38 x 12	W236 6.3 AR 46 O 5 V (ZY3812)	39101225	4007220143391	5	\$7.09		
40 x 25	W237 6.3 AR 30 O 5 V (ZY4025)	39100968	4007220141694	5	\$7.09		
50 x 25	W242 6.3 ADW 46 M 5 V (ZY5025)	39101318	4007220144312	5	\$10.65		
Mounted Points - Special Applications							
Special for Cast Iron							
25 x 25	W220 6.3 CU 30 R 5 V *	39101835	4007220604724	10	\$7.15	  	
40 x 63	ZY4063 M12 CU 16 Q B †	39008004	4007220542811	25	\$22.92		
25 x 70	A3 6 CU 30 R 5 V	35503503	4007220117156	10	\$13.18		
22 x 50	A11 6 CU 30 R 5 V	35511503	4007220117217	10	\$10.02		
40 x 20	ZY4020 6 CU 24 R 5 V M12 Threaded Hole †	31330502	4007220100103	5	\$10.26		
Special for Tool Sharpening							
25 x 25	A38 6.3 CN 60 J V	39101459	4007220314784	10	\$5.86		
38 x 12	W236 6.3 CN 60 K 5 V	39101671	4007220454336	5	\$7.09		
Special for Stainless Steel (INOX)							
16 x 32	ZY1632 6 ADW 30 L 6 B	31127743	4007220096697	10	\$7.91	 	
20 x 25	ZY2025 6 ADW 30 L 6 B	31131743	4007220097083	10	\$7.62		
20 x 25	ZY2025 6 ADW 60 L 6 B	31131746	4007220346914	10	\$7.62		
20 x 40	ZY2040 6 ADW 30 L 6 B	31133743	4007220097304	10	\$9.91		
25 x 13	ZY2513 6 ADW 30 L 6 B	31323743	4007220099483	10	\$7.62		
25 x 25	ZY2525 6 ADW 30 L 6 B	31134743	4007220346938	10	\$8.95		
25 x 32	ZY2532 6 ADW 30 L 6 B	31135743	4007220097533	10	\$9.61		
32 x 16	ZY3216 6 ADW 24 L 6 B	31326742	4007220099742	5	\$8.67		
32 x 40	ZY3240 6 ADW 24 L 6 B	31137742	4007220097793	5	\$12.14		
40 x 10	ZY4010 6 ADW 30 L 6 B	31328743	4007220099940	5	\$8.69		
40 x 20	ZY4020 6 ADW 24 L 6 B	31330742	4007220100127	5	\$9.79		
50 x 13	ZY5013 6 ADW 30 L 6 B	31331743	4007220100271	5	\$10.42		
50 x 25	ZY5025 6 ADW 24 L 6 B	31332742	4007220100394	5	\$12.89	 	
25 x 32	WR2532 6 ADW 30 L 6 B	31408253	4007220353813	10	\$10.89		
20 x 20	KE2020 6 ADW 30 L 6 B	32205743	4007220347034	10	\$9.25		
25 x 45	KE2545 6 ADW 30 L 6 B	32211743	4007220660331	10	\$13.09		
19 x 64	A1 6 ADW 60 L 6 B	35501746	4007220347096	10	\$15.19		
25 x 70	A3 6 ADW 60 L 6 B	35503746	4007220347119	10	\$13.94		
22 x 50	A11 6 ADW 60 L 6 B	35511746	4007220347133	10	\$10.42		
6 x 19	A24 6 ADW 60 L 6 B	39101427	4007220293171	10	\$6.29		
50 x 8	ZY5008 6 AN 30 N 5 B	31378613	4007220100523	5	\$11.25		
32 x 32	KE3232 6 AN 24 N 5 B	32207612	4007220347072	5	\$12.53		
22 x 50	A11 6.3 AN 30 N 5 B	35011613	4007220347157	10	\$10.42		

* Discontinued - Available Only While Stocks Last

Size mm/in	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Mounted Points - Special Applications (continued)						
Ceramic Mounted Points - Longer life, faster & cooler cut						
Ceramic Mounted Points - A Shapes 1/4" Shank						
19 x 64	A1 6.3 AWCO 46 J 5 V	35001281	4007220846926	10	\$12.32	 A1
25 x 70	A3 6.3 AWCO 46 J 5 V	35003281	4007220846933	10	\$13.95	 A3
19 x 29	A5 6.3 AWCO 46 J 5 V	35005281	4007220847046	10	\$7.80	 A5
25 x 50	A11 6.3 AWCO 46 J 5 V	35011281	4007220847060	10	\$10.88	 A11
17 x 32	A12 6.3 AWCO 46 J 5 V	35012281	4007220847077	10	\$8.95	 A12
25 x 25	A21 6.3 AWCO 46 J 5 V	35021281	4007220847107	10	\$8.27	 A21
19 x 25	A23 6.3 AWCO 46 J 5 V	35023281	4007220847121	10	\$6.91	 A23
16	A26 6.3 AWCO 46 J 5 V	35026281	4007220847145	10	\$6.77	 A26
41 x 10	A36 6.3 AWCO 46 J 5 V	35036281	4007220847152	10	\$8.07	 A36
19 x 19	A39 6.3 AWCO 46 J 5 V	35038281	4007220847169	10	\$6.09	 A39
Ceramic Mounted Points - W Shapes 1/4" Shank						
13 x 50	W189 6.3 AWCO 46 J 5 V	35449281	4007220847305	10	\$15.25	 W Shape
25 x 25	W220 6.3 AWCO 46 J 5 V	35480281	4007220847343	10	\$7.72	
25 x 50	W222 6.3 AWCO 46 J 5 V	35482281	4007220847350	10	\$10.95	
40 x 50	W239 6.3 AWCO 46 J 5 V	35492281	4007220847367	10	\$17.84	
50 x 25	W242 6.3 AWCO 46 J 5 V	35493281	4007220847374	10	\$10.32	
Ceramic Mounted Points - B Shapes 1/8" Shank						
13 x 19	B42 3.1 AWCO 80 J 5 V	35102281	4007220847176	10	\$6.91	 B42
10 x 19	B52 3.1 AWCO 80 J 5 V	35112281	4007220847183	10	\$6.50	 B52
3 x 10	B97 3.1 AWCO 80 J 5 V	35157281	4007220847190	10	\$6.50	 B97
10	B122 3.1 AWCO 80 J 5 V	35182281	4007220847206	10	\$7.18	 B122
6	B125 3.1 AWCO 80 J 5 V	35185281	4007220847213	10	\$7.18	 B125
13 x 13	B131 3.1 AWCO 80 J 5 V	35187281	4007220847220	10	\$7.18	 B131
Ceramic Mounted Points - W Shapes 1/8" Shank						
5 x 13	W154 3.1 AWCO 80 J 5 V	35314281	4007220847237	10	\$4.65	 W Shape
6 x 13	W163 3.1 AWCO 80 J 5 V	35323281	4007220847244	10	\$4.85	
6 x 19	W164 3.1 AWCO 80 J 5 V	35324281	4007220847251	10	\$4.99	
8 x 13	W170 3.1 AWCO 80 J 5 V	35330281	4007220847275	10	\$4.71	
13 x 13	W185 3.1 AWCO 80 J 5 V	35345281	4007220847282	10	\$4.71	
25 x 13	W215 3.1 AWCO 80 J 5 V	35375281	4007220847299	10	\$6.42	
Cylindrical Euro ZY Series - 3mm Shank						
3 x 6	ZY0306 3 AR 100 O 5 V	31103270	4007220094525	10	\$5.02	 AR
4 x 8	ZY0408 3 AR 60 O 5 V	31105276	4007220094693	10	\$4.74	
5 x 10	ZY0510 3 AR 100 O 5 V	31107270	4007220094884	10	\$4.93	
8 x 10	ZY0810 3 AR 46 O 5 V	31112274	4007220095355	10	\$5.50	
8 x 16	ZY0816 3 AR 46 O 5 V	31114274	4007220095546	10	\$4.74	
6 x 13	ZY0613 3 AWCO 60 J 5 V	31110138	4007220802175	10	\$6.56	
6 x 13	ZY0613 3 AR 100 O 5 V	31110270	4007220095157	10	\$5.73	 AWN
10 x 13	ZY1013 3 AR 80 O 5 V	31116278	4007220095737	10	\$5.16	 AW
13 x 13	ZY1313 3 AR 80 O 5 V	31122278	4007220096161	10	\$5.16	
Cylindrical Euro ZY Series - 6mm Shank						
10 x 13	ZY1013 6 AR 80 O 5 V	31115278	4007220095645	10	\$4.81	 ZY AR
13 x 13	ZY1313 6 AR 80 O 5 V	31121278	4007220096116	10	\$5.34	
13 x 25	ZY1325 6 ADW 46 M 5 V	31125254	4007220096345	10	\$7.62	
13 x 40	ZY1340 6 AR 46 O 5 V	31146274	4007220098059	10	\$7.99	 ZY ADW
20 x 6	ZY2006 6 AR 80 O 5 V	31317278	4007220099131	10	\$5.39	
20 x 25	ZY2025 6 AR 60 O 5 V	31131276	4007220097021	10	\$6.80	
25 x 6	ZY2506 6 AR 80 O 5 V	31321278	4007220099346	10	\$5.73	 ZY AH
25 x 13	ZY2513 6 AR 30 O 5 V	31323273	4007220099438	10	\$7.12	
25 x 25	ZY2525 6 AR 60 O 5 V	31134276	4007220097359	10	\$8.21	
25 x 32	ZY2532 6 AH 1 D 12 V (for plastic & fibreglass)	31135901	4007220097540	10	\$13.32	 ZY AWN

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	32107278	4007220102169	10	\$6.13	
20 x 50	SP2050 6 ADW 30 M 5 V	32111253	4007220102312	10	\$11.37	
25 x 40	SP2540 6 ADW 30 M 5 V	32114253	4007220660270	10	\$11.76	
20 x 32	KE2032 6 ADW 60 M 5 V	32208256	4007220660294	10	\$10.26	
25 x 20	TO2520 6 AR 30 O 5 V	32902273	4007220103142	10	\$8.69	
25 x 25	KE2525 6 AR 60 O 5 V	32206276	4007220102558	10	\$7.73	
32 x 25	TO3225 6 AR 46 O 5 V	32903274	4007220103180	10	\$8.35	
Special for Aluminium						
16 x 20	ZY1620 6 CN 80 F 10 V ALU	31126408	4007220096512	10	\$7.87	
32 x 32	ZY3232 6 CN 80 F 10 V ALU	31136408	4007220802946	10	\$12.09	
Sets & Assortments						
Contents:	2001 (6mm Shank) Hardness Grade O 1 pc each of ZY1013, ZY1320, ZY2006, ZY2013, ZY2025, KU16, WR2025, KE2032, SP1320, KE2020	33920131	4007220114469	1	\$67.29	
Contents:	2002 (3mm Shank) Hardness Grade O 1 pc each of ZY0408, ZY0613, ZY0802, ZY1013, ZY1303, WR0510, KU05, SP0306, SP0816 2 pcs each of ZY0510, ZY0810, ZY1604	33920231	4007220114476	1	\$77.50	
Contents:	SSO 5300 (Counter Display) 1/4" Shank (6.3mm) 10 pcs each of A1 6.3 ADW 30 M5V, A3 6.3 AR 30 05V, A4 6.3 AR 30 05V, A5 6.3 AR 30 05V, A11 6.3 ADW 30 M5V330, A24 6.3 AR 60 05V, A25 6.3 AR 30 05V, A37 6.3 AR 60 05V, W220 6.3 AR 30 05V, W237 6.3 AR 30 05V	33930001	4007220114513	1	\$755.64	
Dressing Stone						
70 x 22 x 12	SE702212 CU 46 M 5 V	33899045	4007220114445	5	\$10.14	
Bench Grinding Wheels						
Bench Grinding Wheels - Aluminium Oxide Universal Type						
150 x 20	BW 15020-32 AN 24 UNIVERSAL	39008422	4007220610176	1	\$32.53	
150 x 20	BW 15020-32 AN 36 UNIVERSAL	39009708	4007220037911	1	\$32.53	
150 x 20	BW 15020-32 AN 60 UNIVERSAL	39008423	4007220610183	1	\$32.53	
200 x 25	BW 20025-32 AN 24 UNIVERSAL	39008440	4007220610350	1	\$57.72	
200 x 25	BW 20025-32 AN 36 UNIVERSAL	39009711	4007220037942	1	\$57.72	
200 x 25	BW 20025-32 AN 60 UNIVERSAL	39008441	4007220610367	1	\$57.72	
Bench Grinding Wheels - Aluminium Oxide HSS Type						
150 x 20	BW 15020-32 AW 60 HSS	39008424	4007220610190	1	\$32.53	
150 x 20	BW 15020-32 AW 80 HSS	39009699	4007220037829	1	\$32.53	
200 x 25	BW 20025-32 AW 60 HSS	39008442	4007220610374	1	\$57.72	
200 x 25	BW 20025-32 AW 80 HSS	39009702	4007220037850	1	\$57.72	
Bench Grinding Wheels - Silicon Carbide Type						
150 x 20	BW 15020-32 CN 60 CARBIDE	39008570	4007220718902	1	\$48.28	
150 x 20	BW 15020-32 CN 80 CARBIDE	39009724	4007220038086	1	\$48.28	
150 x 20	BW 15020-32 CN 120 CARBIDE	39008425	4007220610206	1	\$48.28	
200 x 25	BW 20025-32 CN 80 CARBIDE	39008490	4007220629031	1	\$69.27	
200 x 25	BW 20025-32 CN 120 CARBIDE	39008443	4007220610381	1	\$69.27	



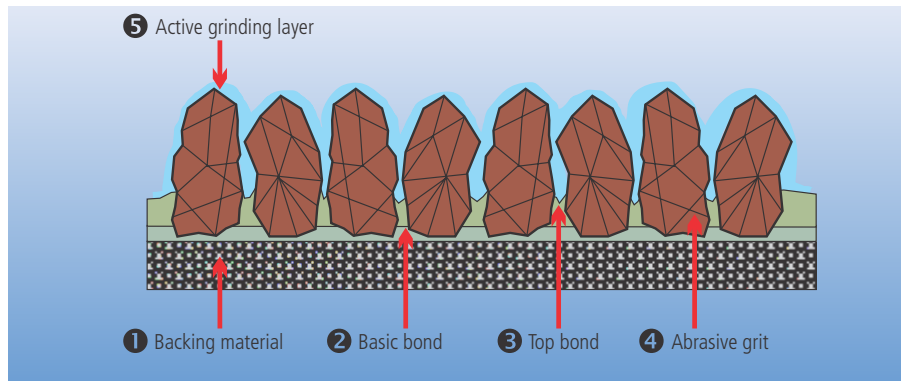
PFERD provides a wide range of tools using coated abrasives for machining different workpiece geometries and materials:

- COMBIDISC® abrasive discs
- Abrasive spiral bands and abrasive belts
- Mounted and unmounted flap wheels
- Sheets and shop rolls
- POLIROLL® rolls and
- POLICO® abrasive cones
- Velcro-backed abrasive discs/Self-adhesive discs

Other PFERD tools made of coated abrasives can be found in Catalogue 206 and Coated.

Coated abrasives can be used for wet or dry grinding.

Structure of coated abrasives



1 Backing material

The bond and the abrasive grain are fixed to the backing material. The selection of backing materials available differs in terms of properties such as tensile strength, flexibility and wear. By selecting the appropriate backing, the grinding tool is adapted to the demands of the intended application. The PFERD range is divided into three groups:

Paper:

The main applications for coated abrasives with paper backing are in the wood-processing industry and small trade (carpenters, painters, lacquerers etc.) These coated abrasives are not widely used in industrial metal processing. Papers with a mass per unit area of 70–100 g/m² are generally used to make abrasives for manual grinding. The heavier papers are used to manufacture abrasives for narrow and wide belts used in machine applications.

Cloth:

Coated abrasives with cloth backing are mainly used in the metal-processing industry.

Vulcanized fibre:

Vulcanized fibre in different strengths, adapted for each machining application, is mainly used in the production of fibre discs. Vulcanized fibre provides an extremely strong, robust backing and is extremely wear-resistant.

Bond

Different resin bonds are used in the manufacture of coated abrasives for anchoring the abrasive grain to the backing. First of all, the backing material is coated with the basic bond (2). Then the abrasive grain is strewn evenly across the surface and aligned in special procedures to achieve higher aggressiveness. The abrasive grain is then anchored firmly with the top bond (3), which also protects the abrasive grain against the forces and loads resulting from the grinding process.

4 Abrasive grain



Choosing the correct abrasive grain strongly influences the surface quality and cost-effectiveness. The standard materials used to make abrasive grain are:

Aluminium oxide A:

Many types of aluminium oxide are used as abrasives. They can be used in their fused or sintered forms. Their hardness and toughness (grades) can be influenced using special manufacturing methods or additives. Normal aluminium oxides with a 'sharp-edged' grit shape are mainly used in the production of coated abrasives.

Ceramic oxide grain CO:

Sintered aluminium oxides are divided into sintered bauxite aluminium oxides and sol-gel aluminium oxides. Sol-gel aluminium oxides are mainly used as ceramic grit for coated abrasives. This highly modern abrasive is used in many applications due to its high level of toughness and good self-sharpening property.

Zirconia alumina Z:

Zirconia alumina is a fused mixture of aluminium oxide and zirconium oxide. While zirconia alumina is not as hard as aluminium oxides, it is tougher. The high proportion of zirconium oxide gives the zirconia alumina grain an exceptionally effective self-sharpening effect, contributing to excellent stock removal with cool grinding and a long tool life.

Silicon carbide SiC:

Silicon carbide is a synthetically produced abrasive grain, which is very sharp-edged, not particularly tough, but very hard. It is particularly suitable for work on titanium, aluminium, bronze, stone and plastic.

Diamond grain:

Diamond abrasive grain is the hardest abrasive. It consists of pure carbon in crystalline arrangement. For grinding tools, the diamonds used are generally produced synthetically at very high temperatures and under high pressure. The properties of the diamond abrasive grain can be adapted to use in the grinding tool through various synthesis conditions.

Grit sizes

The different grit sizes for coated abrasives are defined in ISO 6344 and have been adopted in the FEPA standards:

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

5 Active grinding layer

The use of an active grinding layer significantly increases stock removal and reduces the workpiece temperature. This is a particular advantage in the case of materials which do not conduct heat well, such as stainless steel (INOX).

PFERD tools with an active grinding layer are identified with the addition of 'COOL' in the description.



Fine grinding and polishing tools

Surface roughness – influencing factors and reference values



Factors influencing the surface roughness:

Abrasives:

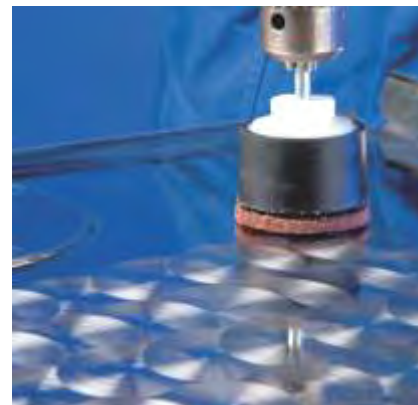
- The coarser the grit, the rougher the surface achieved
- Aluminium oxide, ceramic oxide grain and zirconia alumina achieve similar degrees of surface roughness
- Workpieces that are machined with silicon carbide display a slightly finer surface finish

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

Machining parameters:

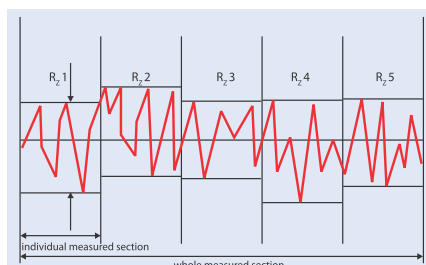
- The relationship between cutting speed and feed has the following effects:
 - By increasing the cutting speed, the surface quality is slightly improved
 - By reducing the feed speed, the surface quality becomes slightly finer
- The contact pressure has only a very slight effect on the surface roughness



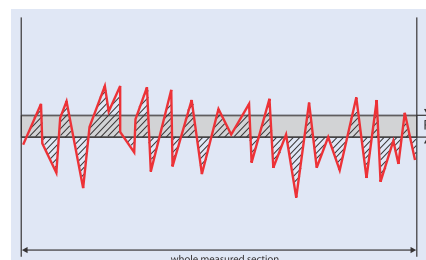
A distinction is made between the following degrees of surface roughness:

The **individual surface roughness $R_{z,i}$** is the sum of the height of the largest profile peak and the depth of the largest profile trough within an individual measured section.

The **surface roughness R_z** is the average of the individual surface roughness figures ($R_{z,i}$) for consecutive individual measured sections.



The **surface roughness R_{max}** is the highest individual surface roughness within the whole measured section.

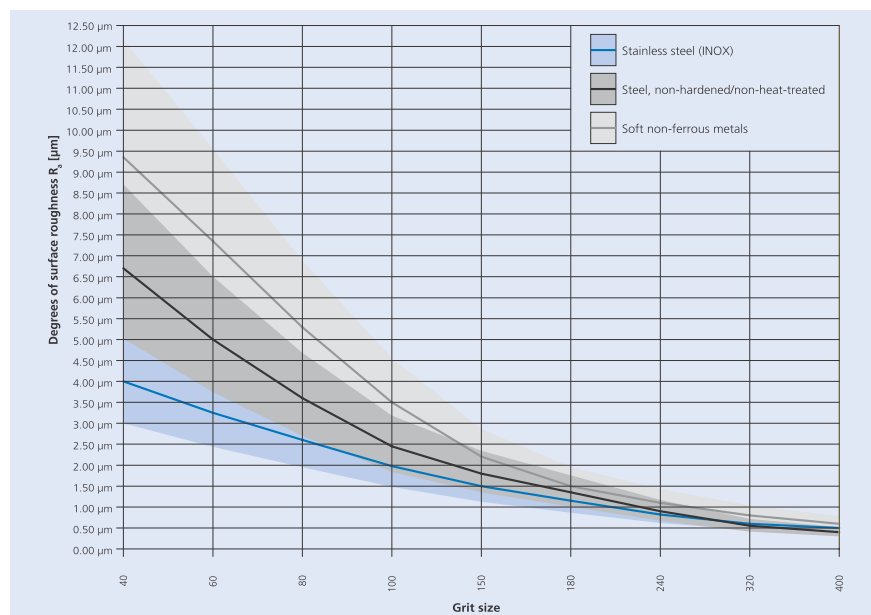


The **mean surface roughness R_a** is the arithmetic mean of the figures for all the profile values of the roughness profile.

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

Application	Surface roughness
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 $0.70 \mu\text{m}$
Polishing: Step 1: Step 2: Step 3:	$R_a = 0.10$ to $0.20 \mu\text{m}$ $R_a = 0.04$ to $0.10 \mu\text{m}$ $R_a < 0.01 \mu\text{m}$
Texturing: Surfaces 2G 80 to 2G 320	$R_a = 0.20$ to $0.70 \mu\text{m}$
Satin finishing/ matt finishing: With non-woven material	$R_a = 0.10$ to $0.70 \mu\text{m}$

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

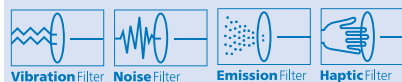


PFERDERGONOMICS®

The PFERDERGONOMICS® program aims at the long-term reduction of dust, noise and vibration levels produced by tools, and on perceptibly increasing tool haptics. The focus is on people.

Recognize straight away the areas where our tools offer you advantages.

Tools with PFERDERGONOMICS® properties are marked with corresponding pictograms.



For more information and appropriate PFERD tools, see the brochure 'PFERDERGONOMICS® – The focus is on people'.



PFERDVIDEO

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

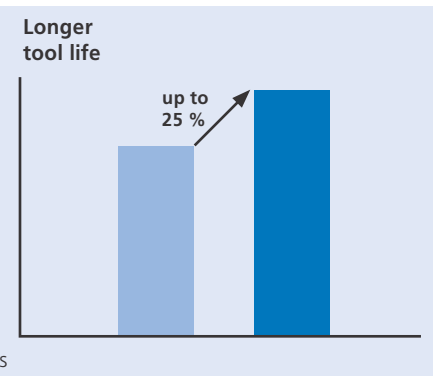
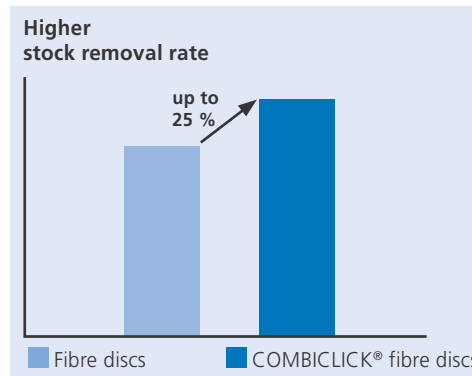
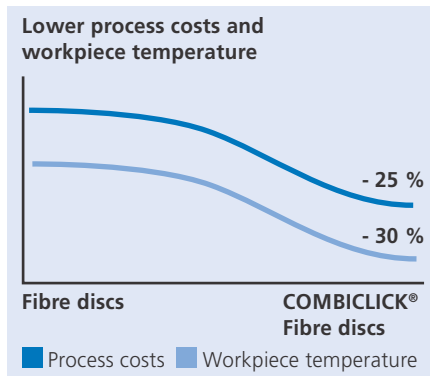
The patented cooling and quick-mounting system from PFERD is suitable for use with fibre, non-woven and felt discs.

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

The special geometry of the cooling slots ensures a high throughput of air, thus significantly reducing the thermal load on the abrasive material and workpiece.

The quick-mounting system, rugged fixture, secure attachment of the tool and optimized cooling system help to provide

- up to 30 % lower workpiece temperature,
- up to 25 % increased stock removal,
- up to 30 % longer tool life and improved utilization of the abrasive.



Advantages:

System



Very easy and comfortable to use.

Mounting principle



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.

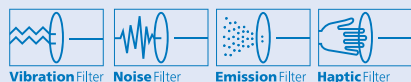
COMBICLICK® allows very flat use!



With COMBICLICK®, scratches caused by prominent clamping parts are prevented and very high utilization of the available abrasive is attained.





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



PFERDVIDEO



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

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Size mm	Description	Article Number	Barcode	 List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools					
GK - Rubber Drum Holders*					
4 x 10	GK 0410/3	42100413	4007220146729	1 \$15.07	 <p>The above image is for illustrative purposes only. To be used with applicable Spiral Band.</p>
4 x 10	GK 0410/6	42100410	4007220146712	1 \$15.07	
6 x 10	GK 0610/3	42100613	4007220146743	1 \$16.53	
6 x 10	GK 0610/6	42100610	4007220146736	1 \$16.53	
8 x 10	GK 0810/3	42100813	4007220146767	1 \$17.69	
8 x 10	GK 0810/6	42100810	4007220146750	1 \$17.69	
10 x 10	GK 1010/6	42101000	4007220146774	1 \$27.97	
10 x 20	GK 1020/6	42102000	4007220146781	1 \$42.44	
13 x 10	GK 1310/6	42103000	4007220146798	1 \$27.97	
13 x 25	GK 1325/6	42104000	4007220146804	1 \$42.44	
15 x 10	GK 1510/6	42105000	4007220146811	1 \$27.97	
15 x 30	GK 1530/6	42106000	4007220146828	1 \$42.44	
19 x 25	GK 1925/6	42106500	4007220146835	1 \$44.73	
22 x 20	GK 2220/6	42107000	4007220146842	1 \$35.23	
25 x 25	GK 2525/6	42107500	4007220146866	1 \$47.70	
30 x 20	GK 3020/6	42108000	4007220146873	1 \$38.46	
30 x 30	GK 3030/6	42109000	4007220146880	1 \$42.44	
38 x 25	GK 3825/6	42109500	4007220146903	1 \$48.83	
45 x 30	GK 4530/6	42110000	4007220146927	1 \$48.65	
51 x 25	GK 5125/6	42110500	4007220146941	1 \$58.63	
60 x 30	GK 6030/6	42111006	4007220146958	1 \$62.49	
75 x 30	GK 7530/8	42112000	4007220146972	1 \$68.75	
100 x 40	GK 10040/8*	42113000	4007220146989	1 \$87.70	

* Number shown after "/" denotes shank size (e.g. GK 0410/3 = 3mm shank)

*Available on request











Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools						
Abrasive Spiral Bands - Aluminium Oxide						
4 x 10	KSB 0410 A 150	42224115	4007220148860	25	\$1.14	
6 x 10	KSB 0610 A 150	42226115	4007220148884	25	\$1.42	
8 x 10	KSB 0810 A 150	42228115	4007220148907	25	\$1.55	
10 x 10	KSB 1010 A 80	42231108	4007220148921	25	\$1.64	
10 x 10	KSB 1010 A 150	42231115	4007220148938	25	\$1.64	
10 x 20	KSB 1020 A 80	42232108	4007220148952	25	\$2.30	
10 x 20	KSB 1020 A 150	42232115	4007220148969	25	\$2.30	
10 x 20	KSB 1020 A 240	42232124	4007220148976	25	\$2.30	
13 x 10	KSB 1310 A 80	42233108	4007220148983	25	\$1.55	
13 x 10	KSB 1310 A 150	42233115	4007220148990	25	\$1.55	
13 x 25	KSB 1325 A 80	42234108	4007220149010	25	\$2.20	
13 x 25	KSB 1325 A 150	42234115	4007220149027	25	\$2.20	
15 x 10	KSB 1510 A 60	42235105	4007220149041	25	\$1.55	
15 x 10	KSB 1510 A 80	42235108	4007220149058	25	\$1.55	
15 x 10	KSB 1510 A 150	42235115	4007220149065	25	\$1.55	
15 x 30	KSB 1530 A 50	42236103	4007220149089	25	\$2.30	
15 x 30	KSB 1530 A 60	42236105	4007220149096	25	\$2.30	
15 x 30	KSB 1530 A 80	42236108	4007220149102	25	\$2.30	
15 x 30	KSB 1530 A 150	42236115	4007220149119	25	\$2.30	
15 x 30	KSB 1530 A 240	42236124	4007220149126	25	\$2.30	
19 x 25	KSB 1925 A 60	42236505	4007220149133	25	\$2.30	
19 x 25	KSB 1925 A 80	42236508	4007220149140	25	\$2.30	
19 x 25	KSB 1925 A 150	42236515	4007220149157	25	\$2.30	
19 x 25	KSB 1925 A 240	42236524	4007220149164	25	\$2.30	
22 x 20	KSB 2220 A 50	42237104	4007220149171	25	\$1.64	
22 x 20	KSB 2220 A 60	42237105	4007220149188	25	\$1.64	
22 x 20	KSB 2220 A 80	42237108	4007220149195	25	\$1.64	
22 x 20	KSB 2220 A 150	42237115	4007220149201	25	\$1.64	
25 x 25	KSB 2525 A 40	47502501	4007220941386	25	\$2.04	
25 x 25	KSB 2525 A 60	42237505	4007220149225	25	\$2.04	
25 x 25	KSB 2525 A 80	42237508	4007220149232	25	\$2.04	
25 x 25	KSB 2525 A 150	42237515	4007220149249	25	\$2.04	
30 x 20	KSB 3020 A 40	42238104	4007220149263	25	\$1.93	
30 x 20	KSB 3020 A 60	42238105	4007220149270	25	\$1.93	
30 x 20	KSB 3020 A 80	42238108	4007220149287	25	\$1.93	
30 x 20	KSB 3020 A 150	42238115	4007220149294	25	\$1.93	
30 x 30	KSB 3030 A 40	42239104	4007220149324	25	\$2.70	
30 x 30	KSB 3030 A 60	42239105	4007220149331	25	\$2.70	
30 x 30	KSB 3030 A 80	42239108	4007220149348	25	\$2.70	
30 x 30	KSB 3030 A 150	42239115	4007220149355	25	\$2.70	
38 x 25	KSB 3825 A 40	42239504	4007220149379	25	\$3.40	
38 x 25	KSB 3825 A 60	42239505	4007220149386	25	\$3.40	
38 x 25	KSB 3825 A 80	42239508	4007220149393	25	\$3.40	
38 x 25	KSB 3825 A 150	42239515	4007220149409	25	\$3.40	
45 x 30	KSB 4530 A 40	42240104	4007220149461	10	\$3.63	
45 x 30	KSB 4530 A 50	42240103	4007220149454	10	\$3.63	
45 x 30	KSB 4530 A 60	42240105	4007220149478	10	\$3.63	
45 x 30	KSB 4530 A 80	42240108	4007220149485	10	\$3.63	
45 x 30	KSB 4530 A 150	42240115	4007220149492	10	\$3.63	












Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Abrasive Spiral Bands - Aluminium Oxide (continued)						
51 x 25	KSB 5125 A 40	42240504	4007220149515	10	\$3.79	 
51 x 25	KSB 5125 A 60	42240505	4007220149522	10	\$3.79	
51 x 25	KSB 5125 A 80	42240508	4007220149539	10	\$3.79	
51 x 25	KSB 5125 A 150	42240515	4007220149546	10	\$3.79	
60 x 30	KSB 6030 A 40	42241104	4007220149577	10	\$4.45	
60 x 30	KSB 6030 A 60	42241105	4007220149584	10	\$4.45	
60 x 30	KSB 6030 A 80	42241108	4007220149591	10	\$4.45	
60 x 30	KSB 6030 A 150	42241115	4007220149607	10	\$4.45	
75 x 30	KSB 7530 A 40	42242104	4007220149614	10	\$5.16	
75 x 30	KSB 7530 A 60	42242105	4007220149621	10	\$5.16	
75 x 30	KSB 7530 A 80	42242108	4007220149638	10	\$5.16	
75 x 30	KSB 7530 A 150	42242115	4007220149645	10	\$5.16	
100 x 40	GSB 10040 A 40 *	42213104	4007220149686	50	\$6.74	
100 x 40	GSB 10040 A 60 *	42213105	4007220149693	50	\$6.74	
100 x 40	GSB 10040 A 80 *	42213108	4007220149709	50	\$6.74	
Abrasive Spiral Bands - Zirconia						
13 x 25	GSB 1325 Z 60	42217064	4007220804872	100	\$2.30	 
13 x 25	GSB 1325 Z 80	42217065	4007220804889	100	\$2.30	
19 x 25	GSB 1925 Z 40	42217092	4007220804896	100	\$2.41	
19 x 25	GSB 1925 Z 60	42217094	4007220804940	100	\$2.41	
19 x 25	GSB 1925 Z 80	42217095	4007220804957	100	\$2.41	
25 x 25	GSB 2525 Z 40	42217112	4007220805022	100	\$2.59	
25 x 25	GSB 2525 Z 60	42217114	4007220805084	100	\$2.59	
25 x 25	GSB 2525 Z 80	42217115	4007220805091	100	\$2.59	
30 x 30	GSB 3030 Z 40	42217132	4007220805145	100	\$2.91	
30 x 30	GSB 3030 Z 50	42217133	4007220805152	100	\$2.91	
30 x 30	GSB 3030 Z 60	42217134	4007220805176	100	\$2.91	
30 x 30	GSB 3030 Z 80	42217135	4007220805183	100	\$2.91	
38 x 25	GSB 3825 Z 40	42217142	4007220805190	100	\$3.79	
38 x 25	GSB 3825 Z 60	42217144	4007220805206	100	\$3.79	
45 x 30	GSB 4530 Z 40	42217152	4007220805664	100	\$3.91	
45 x 30	GSB 4530 Z 60	42217154	4007220805725	100	\$3.91	
45 x 30	GSB 4530 Z 80	42217155	4007220805732	100	\$3.91	
51 x 25	GSB 5125 Z 40	42217162	4007220803943	100	\$4.01	
51 x 25	GSB 5125 Z 60	42217164	4007220803950	100	\$4.01	
51 x 25	GSB 5125 Z 80	42217165	4007220803967	100	\$4.01	
Abrasive Spiral Bands - Zirconia COOL (Top Size)						
15 x 30	GSB 1530 Z 50 COOL	42206183	4007220147887	100	\$1.93	 
15 x 30	GSB 1530 Z 80 COOL	42206188	4007220147894	100	\$1.93	
15 x 30	GSB 1530 Z 150 COOL	42206285	4007220147924	100	\$1.93	
22 x 20	GSB 2220 Z 50 COOL	42207184	4007220148020	100	\$2.20	
22 x 20	GSB 2220 Z 80 COOL	42207188	4007220148037	100	\$2.20	
30 x 30	GSB 3030 Z 80 COOL	42209188	4007220148242	100	\$2.41	
45 x 30	GSB 4530 Z 36 COOL	42210182	4007220148426	100	\$3.19	
45 x 30	GSB 4530 Z 150 COOL	42210285	4007220148471	100	\$3.19	
60 x 30	GSB 6030 Z 80 COOL	42211188	4007220148600	100	\$4.01	
60 x 30	GSB 6030 Z 150 COOL	42211285	4007220148631	100	\$4.01	
Abrasive Spiral Bands - Ceramic COOL (Top Size)						
15 x 30	GSB 1530 CO-COOL 60	42206305	4007220772195	100	\$2.76	 
15 x 30	GSB 1530 CO-COOL 80	42206308	4007220772201	100	\$2.76	
15 x 30	GSB 1530 CO-COOL 120	42206312	4007220772218	100	\$2.76	
22 x 20	GSB 2220 CO-COOL 60	42207305	4007220772225	100	\$1.98	
22 x 20	GSB 2220 CO-COOL 80	42207308	4007220772232	100	\$1.98	
22 x 20	GSB 2220 CO-COOL 120	42207312	4007220772249	100	\$1.98	
25 x 25	GSB 2525 CO-COOL 36	47502567	4007220974971	100	\$2.74	
25 x 25	GSB 2525 CO-COOL 60	42207705	4007220772256	100	\$2.74	






*Available on request




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
Abrasive Spiral Bands - Ceramic COOL (Top Size) (continued)							
25 x 25	GSB 2525 CO-COOL 80 Grit	42207708	4007220772263	100	\$2.74		
25 x 25	GSB 2525 CO-COOL 120 Grit	42207712	4007220772270	100	\$2.74		
30 x 30	GSB 3030 CO-COOL 36 Grit	42209302	4007220772287	100	\$3.08		
30 x 30	GSB 3030 CO-COOL 60 Grit	42209305	4007220772294	100	\$3.08		
30 x 30	GSB 3030 CO-COOL 80 Grit	42209308	4007220772317	100	\$3.08		
30 x 30	GSB 3030 CO-COOL 120 Grit	42209312	4007220772331	100	\$3.08		
45 x 30	GSB 4530 CO-COOL 36 Grit	42210302	4007220772355	100	\$4.05		
45 x 30	GSB 4530 CO-COOL 60 Grit	42210305	4007220772362	100	\$4.05		
45 x 30	GSB 4530 CO-COOL 80 Grit	42210308	4007220772393	100	\$4.05		
45 x 30	GSB 4530 CO-COOL 120 Grit	42210312	4007220772409	100	\$4.05		
60 x 30	GSB 6030 CO-COOL 36 Grit	42211302	4007220772416	100	\$5.51		
60 x 30	GSB 6030 CO-COOL 60 Grit	42211305	4007220772423	100	\$5.51		
60 x 30	GSB 6030 CO-COOL 80 Grit	42211308	4007220772430	100	\$5.51		
60 x 30	GSB 6030 CO-COOL 120 Grit	42211312	4007220772447	100	\$5.51		
POLIROLL® - Aluminium Oxide							
6 x 25	PR 0625 A 80 Grit	42810608	4007220152300	50	\$2.59		
6 x 25	PR 0625 A 150 Grit	42810615	4007220152317	50	\$2.59		
6 x 35	PR 0635 A 80 Grit	42810708	4007220152324	50	\$2.91		
6 x 35	PR 0635 A 150 Grit	42810715	4007220152331	50	\$2.91		
9 x 25	PR 0925 A 80 Grit	42810808	4007220152348	50	\$2.91		
9 x 25	PR 0925 A 150 Grit	42810815	4007220152355	50	\$2.91		
9 x 35	PR 0935 A 80 Grit	42810908	4007220152362	50	\$3.63		
9 x 35	PR 0935 A 150 Grit	42810915	4007220152379	50	\$3.63		
12 x 25	PR 1225 A 50 Grit	42811205	4007220152386	50	\$3.31		
12 x 25	PR 1225 A 80 Grit	42811208	4007220152393	50	\$3.31		
12 x 25	PR 1225 A 150 Grit	42811215	4007220152409	50	\$3.31		
12 x 35	PR 1235 A 50 Grit	42811305	4007220152416	50	\$4.36		
12 x 35	PR 1235 A 80 Grit	42811308	4007220152423	50	\$4.36		
12 x 35	PR 1235 A 150 Grit	42811315	4007220152430	50	\$4.36		
18 x 35	PR 1835 A 50 Grit	42811805	4007220152447	50	\$7.26		
18 x 35	PR 1835 A 80 Grit	42811808	4007220152454	50	\$7.26		
18 x 35	PR 1835 A 150 Grit	42811815	4007220152461	50	\$7.26		
18 x 50	PR 1850 A 50 Grit	42811905	4007220152478	50	\$9.19		
18 x 50	PR 1850 A 80 Grit	42811908	4007220152485	50	\$9.19		
18 x 50	PR 1850 A 150 Grit	42811915	4007220152492	50	\$9.19		
10 x 25	PRK 1025 A 80 Grit	42821008	4007220152508	50	\$6.83		
10 x 25	PRK 1025 A 150 Grit	42821015	4007220152515	50	\$6.83		
12 x 25	PRK 1225 A 50 Grit	42821205	4007220152522	50	\$7.26		
12 x 25	PRK 1225 A 80 Grit	42821208	4007220152539	50	\$7.26		
12 x 25	PRK 1225 A 150 Grit	42821215	4007220152546	50	\$7.26		
12 x 35	PRK 1235 A 50 Grit	42821305	4007220152553	50	\$7.88		
12 x 35	PRK 1235 A 80 Grit	42821308	4007220152560	50	\$7.88		
12 x 35	PRK 1235 A 150 Grit	42821315	4007220152577	50	\$7.88		
15 x 35	PRK 1535 A 50 Grit	42821505	4007220152584	50	\$9.19		
15 x 35	PRK 1535 A 80 Grit	42821508	4007220152591	50	\$9.19		
15 x 35	PRK 1535 A 150 Grit	42821515	4007220152607	50	\$9.19		
10 x 50	PCO 1050 A 80 Grit	42831008	4007220152614	50	\$3.63		
10 x 50	PCO 1050 A 150 Grit	42831015	4007220152621	50	\$3.63		
POLIROLL® Set							
Assorted	151 Piece POLIROLL® SET PRS 151	49500151	4007220335727	1	\$691.65		
Contents:	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						




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
POLIROLL® - Ceramic COOL (Top Size)							
6 x 25	PR 0625 CO-COOL 60 Grit	42810646	4007220803264	50	\$3.74	 	
6 x 25	PR 0625 CO-COOL 80 Grit	42810648	4007220803271	50	\$3.74		
6 x 25	PR 0625 CO-COOL 120 Grit	42810650	4007220803288	50	\$3.74		
6 x 35	PR 0635 CO-COOL 60 Grit	42810746	4007220803295	50	\$4.16		
6 x 35	PR 0635 CO-COOL 80 Grit	42810748	4007220803301	50	\$4.16		
6 x 35	PR 0635 CO-COOL 120 Grit	42810750	4007220803318	50	\$4.16		
9 x 25	PR 0925 CO-COOL 60 Grit	42810846	4007220803325	50	\$4.16		
9 x 25	PR 0925 CO-COOL 80 Grit	42810848	4007220803332	50	\$4.16		
9 x 25	PR 0925 CO-COOL 120 Grit	42810850	4007220803349	50	\$4.16		
9 x 35	PR 0935 CO-COOL 60 Grit	42810946	4007220803356	50	\$5.92		
9 x 35	PR 0935 CO-COOL 80 Grit	42810948	4007220803363	50	\$5.92		
9 x 35	PR 0935 CO-COOL 120 Grit	42810950	4007220803370	50	\$5.92		
12 x 25	PR 1225 CO-COOL 60 Grit	42811246	4007220803387	50	\$4.91		
12 x 25	PR 1225 CO-COOL 80 Grit	42811248	4007220803394	50	\$4.91		
12 x 25	PR 1225 CO-COOL 120 Grit	42811250	4007220803400	50	\$4.91		
12 x 35	PR 1235 CO-COOL 60 Grit	42811346	4007220803424	50	\$6.30		
12 x 35	PR 1235 CO-COOL 80 Grit	42811348	4007220803431	50	\$6.30		
12 x 35	PR 1235 CO-COOL 120 Grit	42811350	4007220803448	50	\$6.30		
POLIROLL® Arbors							
	BO 3-18-3 (Suits PR 0625, PRK 1025)	42703183	4007220152171	1	\$32.47		
	BO 6-18-3 (Suits PR 0625, PR 0925, PR 1225, PRK 1025, PRK 1225)	42706183	4007220152188	1	\$29.83		
	BO 6-24-3 (Suits PR 0635, PR 0935, PR 1235, PRK 1235, PRK 1535)	42706243	4007220152195	1	\$35.00		
	BO 6-25-5 (Suits PR 1835)	42706255	4007220152201	1	\$35.00		
	BO 6-30-5 (Suits PR 1850)	42706305	4007220152218	1	\$33.41		
	BO 6-50-8 (Suits PCO 1050)	42706508	4007220152232	1	\$45.60		
POLICAP® Holders							
5 x 10	PCT ZYA 0510/3	42150000	4007220147139	1	\$16.40	 ZYA Shape	
7 x 12	PCT ZYA 0712/3	42150005	4007220147146	1	\$17.69		
10 x 15	PCT ZYA 1015/3	42150010	4007220147153	1	\$18.01	 WRC Shape	
13 x 17	PCT ZYA 1317/6	42151015	4007220147221	1	\$18.01		
16 x 26	PCT ZYA 1626/6	42151020	4007220147238	1	\$18.40	 WKG Shape	
5 x 11	PCT WRC 0511/3	42150100	4007220147160	1	\$16.40		
7 x 13	PCT WRC 0713/3	42150105	4007220147177	1	\$17.69	 KEL Shape	
10 x 15	PCT WRC 1015/3	42150110	4007220147184	1	\$18.01		
13 x 17	PCT WRC 1317/6	42151115	4007220147245	1	\$18.01	 	
16 x 26	PCT WRC 1626/6	42151120	4007220147252	1	\$18.40		
5 x 11	PCT WKG 0511/3	42150200	4007220147191	1	\$16.13		
7 x 13	PCT WKG 0713/3	42150205	4007220147207	1	\$17.69		
10 x 15	PCT WKG 1015/3	42150210	4007220147214	1	\$18.01		
13 x 17	PCT WKG 1317/6	42151215	4007220147269	1	\$18.01		
16 x 26	PCT WKG 1626/6	42151220	4007220147276	1	\$18.40		
5 x 15	PCT KEL 0515/6	42151400	4007220147283	1	\$21.82		
11 x 25	PCT KEL 1125/6	42151410	4007220147290	1	\$22.69		
16 x 32	PCT KEL 1632/6	42151420	4007220147306	1	\$23.04		
21 x 40	PCT KEL 2140/6	42151430	4007220147313	1	\$33.25		
POLICAP® Sets							
650 pcs	650 Piece POLICAP® SET PCS 650	49606500	4007220355435	1	\$1,995.58		
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	\$461.32		
Contents:	5 pcs each of: POLICAP® abrasive caps PC (grit size 60/150/280) ZYA 1015, ZYA 1317 and ZYA 1626						






Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLICAP® Sets (continued)						
	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	\$461.32	
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	\$461.32	
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					
POLICAP® - Aluminium Oxide						
5 x 10	PC ZYA 0510 80 Grit	42301051	4007220150788	50	\$2.17	
5 x 10	PC ZYA 0510 150 Grit	42301052	4007220150795	50	\$2.17	
5 x 10	PC ZYA 0510 280 Grit	42301053	4007220150801	50	\$2.17	
7 x 12	PC ZYA 0712 60 Grit	42301071	4007220150818	50	\$2.35	
7 x 12	PC ZYA 0712 150 Grit	42301072	4007220150825	50	\$2.35	
7 x 12	PC ZYA 0712 280 Grit	42301073	4007220150832	50	\$2.35	
10 x 15	PC ZYA 1015 60 Grit	42301101	4007220150849	50	\$2.45	
10 x 15	PC ZYA 1015 150 Grit	42301102	4007220150856	50	\$2.45	
10 x 15	PC ZYA 1015 280 Grit	42301103	4007220150863	50	\$2.45	
13 x 17	PC ZYA 1317 60 Grit	42301131	4007220150870	50	\$2.76	
13 x 17	PC ZYA 1317 150 Grit	42301132	4007220150887	50	\$2.76	
13 x 17	PC ZYA 1317 280 Grit	42301133	4007220150894	50	\$2.76	
16 x 26	PC ZYA 1626 60 Grit	42301161	4007220150900	50	\$3.23	
16 x 26	PC ZYA 1626 150 Grit	42301162	4007220150917	50	\$3.23	
16 x 26	PC ZYA 1626 280 Grit	42301163	4007220150924	50	\$3.23	
5 x 11	PC WRC 0511 80 Grit	42302051	4007220150931	50	\$2.17	
5 x 11	PC WRC 0511 150 Grit	42302052	4007220150948	50	\$2.17	
5 x 11	PC WRC 0511 280 Grit	42302053	4007220150955	50	\$2.17	
7 x 13	PC WRC 0713 60 Grit	42302071	4007220150962	50	\$2.35	
7 x 13	PC WRC 0713 150 Grit	42302072	4007220150979	50	\$2.35	
7 x 13	PC WRC 0713 280 Grit	42302073	4007220150986	50	\$2.35	
10 x 15	PC WRC 1015 60 Grit	42302101	4007220150993	50	\$2.45	
10 x 15	PC WRC 1015 150 Grit	42302102	4007220151006	50	\$2.45	
10 x 15	PC WRC 1015 280 Grit	42302103	4007220151013	50	\$2.45	
13 x 17	PC WRC 1317 60 Grit	42302131	4007220151020	50	\$2.76	
13 x 17	PC WRC 1317 150 Grit	42302132	4007220151037	50	\$2.76	
13 x 17	PC WRC 1317 280 Grit	42302133	4007220151044	50	\$2.76	
16 x 26	PC WRC 1626 60 Grit	42302161	4007220151051	50	\$3.23	
16 x 26	PC WRC 1626 150 Grit	42302162	4007220151068	50	\$3.23	
16 x 26	PC WRC 1626 280 Grit	42302163	4007220151075	50	\$3.23	
5 x 11	PC WKG 0511 80 Grit	42303051	4007220151082	50	\$2.17	
5 x 11	PC WKG 0511 150 Grit	42303052	4007220151099	50	\$2.17	
5 x 11	PC WKG 0511 280 Grit	42303053	4007220151105	50	\$2.17	
7 x 13	PC WKG 0713 60 Grit	42303071	4007220151112	50	\$2.35	
7 x 13	PC WKG 0713 150 Grit	42303072	4007220151129	50	\$2.35	
7 x 13	PC WKG 0713 280 Grit	42303073	4007220151136	50	\$2.35	
10 x 15	PC WKG 1015 60 Grit	42303101	4007220151143	50	\$2.45	
10 x 15	PC WKG 1015 150 Grit	42303102	4007220151150	50	\$2.45	
10 x 15	PC WKG 1015 280 Grit	42303103	4007220151167	50	\$2.45	
13 x 17	PC WKG 1317 60 Grit	42303131	4007220151174	50	\$2.76	
13 x 17	PC WKG 1317 150 Grit	42303132	4007220151181	50	\$2.76	
13 x 17	PC WKG 1317 280 Grit	42303133	4007220151198	50	\$2.76	
16 x 26	PC WKG 1626 60 Grit	42303161	4007220151204	50	\$3.23	
16 x 26	PC WKG 1626 150 Grit	42303162	4007220151211	50	\$3.23	
16 x 26	PC WKG 1626 280 Grit	42303163	4007220151228	50	\$3.23	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLICAP® - Aluminium Oxide (continued)						
5 x 15	PC KEL 0515 80 Grit	42306051	4007220151235	50	\$2.76	 <p>KEL Shape</p> 
5 x 15	PC KEL 0515 150 Grit	42306052	4007220151242	50	\$2.76	
5 x 15	PC KEL 0515 280 Grit	42306053	4007220151259	50	\$2.76	
11 x 25	PC KEL 1125 60 Grit	42306111	4007220151266	50	\$3.23	
11 x 25	PC KEL 1125 150 Grit	42306112	4007220151273	50	\$3.23	
11 x 25	PC KEL 1125 280 Grit	42306113	4007220151280	50	\$3.23	
16 x 32	PC KEL 1632 60 Grit	42306161	4007220151297	50	\$3.62	
16 x 32	PC KEL 1632 150 Grit	42306162	4007220151303	50	\$3.62	
16 x 32	PC KEL 1632 280 Grit	42306163	4007220151310	50	\$3.62	
21 x 40	PC KEL 2140 60 Grit	42306211	4007220151327	50	\$4.03	
21 x 40	PC KEL 2140 150 Grit	42306212	4007220151334	50	\$4.03	
21 x 40	PC KEL 2140 280 Grit	42306213	4007220151341	50	\$4.03	
POLICAP® - Silicon Carbide COOL (SiC-COOL)						
5 x 11	PC WRC 0511 80 Grit	42302054	4007220953716	50	\$2.45	 <p>WRC Shape</p>
5 x 11	PC WRC 0511 150 Grit	42302055	4007220953723	50	\$2.45	
7 x 13	PC WRC 0713 80 Grit	42302074	4007220953730	50	\$2.70	
7 x 13	PC WRC 0713 150 Grit	42302075	4007220953747	50	\$2.70	
10 x 15	PC WRC 1015 80 Grit	42302104	4007220953754	50	\$2.80	
10 x 15	PC WRC 1015 150 Grit	42302105	4007220953761	50	\$2.80	
13 x 17	PC WRC 1317 80 Grit	42302134	4007220953778	50	\$3.17	
13 x 17	PC WRC 1317 150 Grit	42302135	4007220953792	50	\$3.17	
<p>Please note: Other sizes and shapes available on request. Please refer to PFERD Catalogue 22, section 204, page 58–62.</p>						
POLICAP® - Ceramic Oxide COOL (CO-COOL)						
5 x 11	PC WRC 0511 80 Grit	42302056	4007220953938	50	\$2.70	 <p>WRC Shape</p> 
5 x 11	PC WRC 0511 120 Grit	42302057	4007220953945	50	\$2.70	
7 x 13	PC WRC 0713 80 Grit	42302076	4007220953952	50	\$2.88	
7 x 13	PC WRC 0713 120 Grit	42302077	4007220953969	50	\$2.88	
10 x 15	PC WRC 1015 80 Grit	42302106	4007220953976	50	\$3.05	
10 x 15	PC WRC 1015 120 Grit	42302107	4007220954041	50	\$3.05	
13 x 17	PC WRC 1317 80 Grit	42302136	4007220954058	50	\$3.46	
13 x 17	PC WRC 1317 120 Grit	42302137	4007220954119	50	\$3.46	
16 x 26	PC WRC 1626 80 Grit	42302166	4007220954126	50	\$4.12	
16 x 26	PC WRC 1626 120 Grit	42302167	4007220954133	50	\$4.12	
5 x 15	PC KEL 0515 80 Grit	42306056	4007220954140	50	\$3.46	 <p>KEL Shape</p>
5 x 15	PC KEL 0515 120 Grit	42306057	4007220954263	50	\$3.46	
<p>Please note: Other sizes and shapes available on request. Please refer to PFERD Catalogue 22, section 204, page 58–62.</p>						

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - 3mm Shank						
10 x 10	F 1010/3 A 60 Grit	44400002	4007220661529	10	\$13.30	 
10 x 10	F 1010/3 A 80 Grit	44400003	4007220661635	10	\$13.30	
10 x 10	F 1010/3 A 120 Grit	44400004	4007220661642	10	\$13.30	
10 x 10	F 1010/3 A 150 Grit	44400005	4007220661659	10	\$13.30	
10 x 10	F 1010/3 A 180 Grit	44400006	4007220661673	10	\$13.30	
10 x 10	F 1010/3 A 320 Grit	44400008	4007220661680	10	\$13.30	
10 x 15	F 1015/3 A 60 Grit	44400012	4007220661697	10	\$13.30	
10 x 15	F 1015/3 A 80 Grit	44400013	4007220661703	10	\$13.30	
10 x 15	F 1015/3 A 120 Grit	44400014	4007220661710	10	\$13.30	
10 x 15	F 1015/3 A 150 Grit	44400015	4007220661727	10	\$13.30	
10 x 15	F 1015/3 A 180 Grit	44400016	4007220661734	10	\$13.30	
10 x 15	F 1015/3 A 320 Grit	44400018	4007220661741	10	\$13.30	
15 x 5	F 1505/3 A 60 Grit	44400022	4007220661758	10	\$13.30	
15 x 5	F 1505/3 A 80 Grit	44400023	4007220661765	10	\$13.30	
15 x 5	F 1505/3 A 120 Grit	44400024	4007220661772	10	\$13.30	
15 x 5	F 1505/3 A 150 Grit	44400025	4007220661796	10	\$13.30	
15 x 5	F 1505/3 A 180 Grit	44400026	4007220661802	10	\$13.30	
15 x 5	F 1505/3 A 320 Grit	44400028	4007220661819	10	\$13.30	
15 x 10	F 1510/3 A 60 Grit	44400032	4007220661871	10	\$13.30	
15 x 10	F 1510/3 A 80 Grit	44400033	4007220661918	10	\$13.30	
15 x 10	F 1510/3 A 120 Grit	44400034	4007220661925	10	\$13.30	
15 x 10	F 1510/3 A 150 Grit	44400035	4007220661932	10	\$13.30	
15 x 10	F 1510/3 A 180 Grit	44400036	4007220661963	10	\$13.30	
15 x 10	F 1510/3 A 320 Grit	44400038	4007220661987	10	\$13.30	
15 x 15	F 1515/3 A 60 Grit	44400042	4007220661994	10	\$13.39	
15 x 15	F 1515/3 A 80 Grit	44400043	4007220662014	10	\$13.39	
15 x 15	F 1515/3 A 120 Grit	44400044	4007220662038	10	\$13.39	
15 x 15	F 1515/3 A 150 Grit	44400045	4007220662045	10	\$13.39	
15 x 15	F 1515/3 A 180 Grit	44400046	4007220662052	10	\$13.39	
15 x 15	F 1515/3 A 320 Grit	44400048	4007220662069	10	\$13.39	
20 x 10	F 2010/3 A 120 Grit	44400123	4007220154113	10	\$5.31	
20 x 10	F 2010/3 A 150 Grit	44400153	4007220154120	10	\$5.31	
20 x 10	F 2010/3 A 180 Grit	44400183	4007220292563	10	\$5.31	
30 x 5	F 3005/3 A 60 Grit	44401063	4007220154137	10	\$5.85	
30 x 5	F 3005/3 A 80 Grit	44401083	4007220154151	10	\$5.85	
30 x 5	F 3005/3 A 120 Grit	44401123	4007220154175	10	\$5.85	
30 x 5	F 3005/3 A 240 Grit	44401243	4007220154212	10	\$5.85	
30 x 5	F 3005/3 A 320 Grit	44401323	4007220154236	10	\$5.85	
30 x 10	F 3010/3 A 60 Grit	44402063	4007220154250	10	\$5.57	
30 x 10	F 3010/3 A 80 Grit	44402083	4007220154274	10	\$5.57	
30 x 10	F 3010/3 A 120 Grit	44402123	4007220154298	10	\$5.57	
30 x 10	F 3010/3 A 150 Grit	44402153	4007220154311	10	\$5.57	
30 x 10	F 3010/3 A 180 Grit	44402183	4007220292716	10	\$5.57	
30 x 10	F 3010/3 A 240 Grit	44402243	4007220154335	10	\$5.57	
30 x 10	F 3010/3 A 320 Grit	44402323	4007220154359	10	\$5.57	
Fan Grinders - 6mm Shank						
20 x 10	F 2010/6 A 80 Grit	44400086	4007220292594	10	\$5.31	 
20 x 10	F 2010/6 A 120 Grit	44400126	4007220292617	10	\$5.31	
20 x 10	F 2010/6 A 150 Grit	44400156	4007220292624	10	\$5.31	
20 x 10	F 2010/6 A 180 Grit	44400186	4007220292631	10	\$5.31	
25 x 10	F 2510/6 A 80 Grit	44405086	4007220536896	10	\$5.64	
25 x 10	F 2510/6 A 120 Grit	44405126	4007220536902	10	\$5.64	
25 x 10	F 2510/6 A 180 Grit	44405186	4007220536919	10	\$5.64	
25 x 15	F 2515/6 A 60 Grit	47801092	4007220253762	10	\$6.46	
25 x 15	F 2515/6 A 80 Grit	44406086	4007220154557	10	\$5.73	
25 x 15	F 2515/6 A 120 Grit	44406126	4007220154564	10	\$5.73	
25 x 15	F 2515/6 A 150 Grit	44406156	4007220154571	10	\$5.73	
25 x 15	F 2515/6 A 180 Grit	44406186	4007220292648	10	\$5.73	
25 x 20	F 2520/6 A 80 Grit	44415086	4007220536926	10	\$6.31	





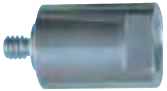



Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - 6mm Shank						
25 x 20	F 2520/6 A 120 Grit	44415126	4007220536933	10	\$6.31	 
25 x 20	F 2520/6 A 180 Grit	44415186	4007220536940	10	\$6.31	
25 x 25	F 2525/6 A 60 Grit	47801818	4007220557440	10	\$7.17	
25 x 25	F 2525/6 A 80 Grit	44410086	4007220292655	10	\$6.72	
25 x 25	F 2525/6 A 120 Grit	44410126	4007220292662	10	\$6.72	
25 x 25	F 2525/6 A 150 Grit	44410156	4007220292679	10	\$6.72	
25 x 25	F 2525/6 A 180 Grit	44410186	4007220292686	10	\$6.72	
30 x 3	F 3003/6 A 80 Grit	44416086	4007220950838	10	\$15.78	
30 x 3	F 3003/6 A 120 Grit	44416126	4007220950845	10	\$15.78	
30 x 3	F 3003/6 A 150 Grit	44416156	4007220950852	10	\$15.78	
30 x 3	F 3003/6 A 180 Grit	44416186	4007220950869	10	\$15.78	
30 x 3	F 3003/6 A 240 Grit	44416246	4007220950876	10	\$15.78	
30 x 3	F 3003/6 A 320 Grit	44416326	4007220950883	10	\$15.78	
30 x 5	F 3005/6 A 60 Grit	44401066	4007220154144	10	\$5.27	
30 x 5	F 3005/6 A 80 Grit	44401086	4007220154168	10	\$5.27	
30 x 5	F 3005/6 A 120 Grit	44401126	4007220154182	10	\$5.27	
30 x 5	F 3005/6 A 150 Grit	44401156	4007220154205	10	\$5.27	
30 x 5	F 3005/6 A 180 Grit	44401186	4007220292709	10	\$5.27	
30 x 5	F 3005/6 A 240 Grit	44401246	4007220154229	10	\$5.27	
30 x 5	F 3005/6 A 320 Grit	44401326	4007220154243	10	\$5.27	
30 x 10	F 3010/6 A 60 Grit	44402066	4007220154267	10	\$5.68	
30 x 10	F 3010/6 A 80 Grit	44402086	4007220154281	10	\$5.68	
30 x 10	F 3010/6 A 120 Grit	44402126	4007220154304	10	\$5.68	
30 x 10	F 3010/6 A 150 Grit	44402156	4007220154328	10	\$5.68	
30 x 10	F 3010/6 A 180 Grit	44402186	4007220292723	10	\$5.68	
30 x 10	F 3010/6 A 240 Grit	44402246	4007220154342	10	\$5.68	
30 x 10	F 3010/6 A 320 Grit	44402326	4007220154366	10	\$5.68	
30 x 10	F 3010/6 A 400 Grit	44402406	4007220533017	10	\$5.68	
30 x 15	F 3015/6 A 60 Grit *	44409066	4007220154687	10	\$6.20	
30 x 15	F 3015/6 A 80 Grit *	44409086	4007220154694	10	\$6.20	
30 x 15	F 3015/6 A 120 Grit	44409126	4007220154700	10	\$6.20	
30 x 15	F 3015/6 A 150 Grit	44409156	4007220154717	10	\$6.20	
30 x 15	F 3015/6 A 180 Grit	44409186	4007220292730	10	\$6.20	
30 x 15	F 3015/6 A 240 Grit	44409246	4007220154724	10	\$6.20	
30 x 15	F 3015/6 A 320 Grit	44409326	4007220154731	10	\$6.20	
30 x 30	F 3030/6 A 60 Grit	44411066	4007220292747	10	\$7.67	
30 x 30	F 3030/6 A 80 Grit	44411086	4007220292754	10	\$7.67	
30 x 30	F 3030/6 A 120 Grit	44411126	4007220292761	10	\$7.67	
30 x 30	F 3030/6 A 150 Grit	44411156	4007220292778	10	\$7.67	
30 x 30	F 3030/6 A 180 Grit	44411186	4007220292785	10	\$7.67	
30 x 30	F 3030/6 A 240 Grit	44411246	4007220292792	10	\$7.67	
30 x 30	F 3030/6 A 320 Grit	44411326	4007220292808	10	\$7.67	
40 x 10	F 4010/6 A 60 Grit	44403066	4007220154373	10	\$6.56	
40 x 10	F 4010/6 A 80 Grit	44403086	4007220154380	10	\$6.56	
40 x 10	F 4010/6 A 120 Grit	44403126	4007220154403	10	\$6.56	
40 x 10	F 4010/6 A 150 Grit	44403156	4007220154410	10	\$6.56	
40 x 10	F 4010/6 A 180 Grit	44403186	4007220292815	10	\$6.56	
40 x 10	F 4010/6 A 240 Grit	44403246	4007220154427	10	\$6.56	
40 x 15	F 4015/6 A 60 Grit	44404066	4007220154441	10	\$6.99	
40 x 15	F 4015/6 A 80 Grit	44404086	4007220154458	10	\$6.99	
40 x 15	F 4015/6 A 120 Grit	44404126	4007220154465	10	\$6.99	
40 x 15	F 4015/6 A 150 Grit	44404156	4007220154489	10	\$6.99	
40 x 15	F 4015/6 A 180 Grit	44404186	4007220292822	10	\$6.99	
40 x 15	F 4015/6 A 240 Grit	44404246	4007220154496	10	\$6.99	
40 x 15	F 4015/6 A 320 Grit	44404326	4007220154519	10	\$6.99	
40 x 20	F 4020/6 A 40 Grit	44408046	4007220800607	10	\$7.87	
40 x 20	F 4020/6 A 60 Grit *	44408066	4007220154625	10	\$7.87	
40 x 20	F 4020/6 A 80 Grit *	44408086	4007220154632	10	\$7.87	
40 x 20	F 4020/6 A 120 Grit	44408126	4007220154649	10	\$7.87	
40 x 20	F 4020/6 A 150 Grit	44408156	4007220154656	10	\$7.87	
40 x 20	F 4020/6 A 180 Grit	44408186	4007220292839	10	\$7.87	
40 x 20	F 4020/6 A 240 Grit	44408246	4007220154663	10	\$7.87	







Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - 6mm Shank (continued)						
50 x 5	F 5005/6 A 60 Grit	44418066	4007220950968	10	\$14.71	 
50 x 5	F 5005/6 A 80 Grit	44418086	4007220951019	10	\$14.71	
50 x 5	F 5005/6 A 120 Grit	44418126	4007220951026	10	\$14.71	
50 x 5	F 5005/6 A 150 Grit	44418156	4007220951033	10	\$14.71	
50 x 5	F 5005/6 A 180 Grit	44418186	4007220951040	10	\$14.71	
50 x 5	F 5005/6 A 240 Grit	44418246	4007220951057	10	\$14.71	
50 x 5	F 5005/6 A 320 Grit	44418326	4007220951064	10	\$14.71	
50 x 10	F 5010/6 A 60 Grit	44505066	4007220155189	10	\$8.13	
50 x 10	F 5010/6 A 80 Grit	44505086	4007220155196	10	\$8.13	
50 x 10	F 5010/6 A 120 Grit	44505126	4007220155202	10	\$8.13	
50 x 10	F 5010/6 A 150 Grit	44505156	4007220155219	10	\$8.13	
50 x 10	F 5010/6 A 180 Grit	44505186	4007220292846	10	\$8.13	
50 x 10	F 5010/6 A 240 Grit	44505246	4007220155226	10	\$8.13	
50 x 10	F 5010/6 A 320 Grit	44505326	4007220155233	10	\$8.13	
50 x 15	F 5015/6 A 60 Grit	44506066	4007220155240	10	\$8.23	
50 x 15	F 5015/6 A 80 Grit	44506086	4007220155257	10	\$8.23	
50 x 15	F 5015/6 A 120 Grit	44506126	4007220155264	10	\$8.23	
50 x 15	F 5015/6 A 150 Grit	44506156	4007220155271	10	\$8.23	
50 x 15	F 5015/6 A 180 Grit	44506186	4007220292853	10	\$8.23	
50 x 15	F 5015/6 A 240 Grit	44506246	4007220155288	10	\$8.23	
50 x 15	F 5015/6 A 320 Grit	44506326	4007220155295	10	\$8.23	
50 x 20	F 5020/6 A 60 Grit	44504066	4007220155127	10	\$8.44	
50 x 20	F 5020/6 A 80 Grit	44504086	4007220155134	10	\$8.44	
50 x 20	F 5020/6 A 120 Grit	44504126	4007220155141	10	\$8.44	
50 x 20	F 5020/6 A 150 Grit	44504156	4007220155158	10	\$8.44	
50 x 20	F 5020/6 A 180 Grit	44504186	4007220292860	10	\$8.44	
50 x 20	F 5020/6 A 320 Grit	44504326	4007220155172	10	\$8.44	
50 x 30	F 5030/6 A 40 Grit	44411546	4007220800591	10	\$9.75	
50 x 30	F 5030/6 A 60 Grit	* 44503066	4007220155066	10	\$9.75	
50 x 30	F 5030/6 A 80 Grit	* 44503086	4007220155073	10	\$9.75	
50 x 30	F 5030/6 A 120 Grit	44503126	4007220155080	10	\$9.75	
50 x 30	F 5030/6 A 150 Grit	44503156	4007220155097	10	\$9.75	
50 x 30	F 5030/6 A 180 Grit	44503186	4007220292877	10	\$9.75	
50 x 30	F 5030/6 A 240 Grit	44503246	4007220155103	10	\$9.75	
50 x 30	F 5030/6 A 320 Grit	44503326	4007220155110	10	\$9.75	
60 x 5	F 6005/6 A 60 Grit	44419066	4007220951071	10	\$16.38	
60 x 5	F 6005/6 A 80 Grit	44419086	4007220951088	10	\$16.38	
60 x 5	F 6005/6 A 120 Grit	44419126	4007220951095	10	\$16.38	
60 x 5	F 6005/6 A 150 Grit	44419156	4007220951101	10	\$16.38	
60 x 5	F 6005/6 A 180 Grit	44419186	4007220951118	10	\$16.38	
60 x 5	F 6005/6 A 240 Grit	44419246	4007220951125	10	\$16.38	
60 x 5	F 6005/6 A 320 Grit	44419326	4007220951132	10	\$16.38	
60 x 15	F 6015/6 A 60 Grit	44507066	4007220155301	10	\$8.44	
60 x 15	F 6015/6 A 80 Grit	44507086	4007220155318	10	\$8.44	
60 x 15	F 6015/6 A 120 Grit	44507126	4007220155325	10	\$8.44	
60 x 15	F 6015/6 A 150 Grit	44507156	4007220155332	10	\$8.44	
60 x 15	F 6015/6 A 240 Grit	44507246	4007220155349	10	\$8.44	
60 x 15	F 6015/6 A 320 Grit	44507326	4007220155356	10	\$8.44	
60 x 20	F 6020/6 A 60 Grit	44508066	4007220155363	10	\$9.53	
60 x 20	F 6020/6 A 80 Grit	44508086	4007220155370	10	\$9.53	
60 x 20	F 6020/6 A 120 Grit	44508126	4007220155387	10	\$9.53	
60 x 20	F 6020/6 A 150 Grit	44508156	4007220155394	10	\$9.53	
60 x 20	F 6020/6 A 240 Grit	44508246	4007220155400	10	\$9.53	
60 x 20	F 6020/6 A 320 Grit	44508326	4007220155417	10	\$9.53	
60 x 30	F 6030/6 A 40 Grit	44509046	4007220155424	10	\$10.42	
60 x 30	F 6030/6 A 60 Grit	* 44509066	4007220155431	10	\$10.42	
60 x 30	F 6030/6 A 80 Grit	* 44509086	4007220155448	10	\$10.42	
60 x 30	F 6030/6 A 120 Grit	44509126	4007220155455	10	\$10.42	
60 x 30	F 6030/6 A 150 Grit	44509156	4007220155462	10	\$10.42	
60 x 30	F 6030/6 A 240 Grit	44509246	4007220155479	10	\$10.42	
60 x 30	F 6030/6 A 320 Grit	44509326	4007220155486	10	\$10.42	








Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Fan Grinders - 6mm Shank (continued)						
60 x 40	F 6040/6 A 60 Grit	44510066	4007220155493	10	\$12.35	 
60 x 40	F 6040/6 A 80 Grit	44510086	4007220155509	10	\$12.35	
60 x 40	F 6040/6 A 120 Grit	44510126	4007220155516	10	\$12.35	
60 x 40	F 6040/6 A 150 Grit	44510156	4007220155523	10	\$12.35	
60 x 40	F 6040/6 A 240 Grit	44510246	4007220155530	10	\$12.35	
60 x 50	F 6050/6 A 40 Grit	44511046	4007220155554	10	\$14.28	
60 x 50	F 6050/6 A 60 Grit	44511066	4007220155561	10	\$14.28	
60 x 50	F 6050/6 A 80 Grit	44511086	4007220155578	10	\$14.28	
60 x 50	F 6050/6 A 120 Grit	44511126	4007220155585	10	\$14.28	
60 x 50	F 6050/6 A 150 Grit	44511156	4007220155592	10	\$14.28	
60 x 50	F 6050/6 A 240 Grit	44511246	4007220155608	10	\$14.28	
60 x 50	F 6050/6 A 320 Grit	44511326	4007220155615	10	\$14.28	
80 x 15	F 8015/6 A 60 Grit	44512066	4007220155622	10	\$10.47	
80 x 15	F 8015/6 A 80 Grit	44512086	4007220155639	10	\$10.47	
80 x 15	F 8015/6 A 120 Grit	44512126	4007220155646	10	\$10.47	
80 x 15	F 8015/6 A 150 Grit	44512156	4007220155653	10	\$10.47	
80 x 20	F 8020/6 A 60 Grit	44513066	4007220155684	10	\$11.41	
80 x 20	F 8020/6 A 80 Grit	44513086	4007220155691	10	\$11.41	
80 x 20	F 8020/6 A 120 Grit	44513126	4007220155707	10	\$11.41	
80 x 30	F 8030/6 A 40 Grit	44514046	4007220155745	10	\$14.43	
80 x 30	F 8030/6 A 60 Grit	44514066	4007220155752	10	\$14.43	
80 x 30	F 8030/6 A 80 Grit	44514086	4007220155769	10	\$14.43	
80 x 30	F 8030/6 A 120 Grit	44514126	4007220155776	10	\$14.43	
80 x 30	F 8030/6 A 150 Grit	44514156	4007220155783	10	\$14.43	
80 x 30	F 8030/6 A 240 Grit	44514246	4007220155790	10	\$14.43	
80 x 30	F 8030/6 A 320 Grit	44514326	4007220155806	10	\$14.43	
80 x 40	F 8040/6 A 60 Grit	44515066	4007220155813	10	\$18.04	
80 x 40	F 8040/6 A 80 Grit	44515086	4007220155820	10	\$18.04	
80 x 40	F 8040/6 A 120 Grit	44515126	4007220155837	10	\$18.04	
80 x 40	F 8040/6 A 150 Grit	44515156	4007220155844	10	\$18.04	
80 x 40	F 8040/6 A 240 Grit	44515246	4007220155851	10	\$18.04	
80 x 50	F 8050/6 A 40 Grit	44516046	4007220155875	10	\$20.01	
80 x 50	F 8050/6 A 60 Grit	44516066	4007220155882	10	\$20.01	
80 x 50	F 8050/6 A 80 Grit	44516086	4007220155899	10	\$20.01	
80 x 50	F 8050/6 A 120 Grit	44516126	4007220155905	10	\$20.01	
80 x 50	F 8050/6 A 150 Grit	44516156	4007220155912	10	\$20.01	
80 x 50	F 8050/6 A 240 Grit	44516246	4007220155929	10	\$20.01	
80 x 50	F 8050/6 A 320 Grit	44516326	4007220155936	10	\$20.01	
Fan Grinders Z-COOL (INOX)						
30 x 20	F 3020/6 Z-COOL 60 Grit	44412066	4007220297353	10	\$14.22	 
30 x 20	F 3020/6 Z-COOL 80 Grit	44412086	4007220297360	10	\$14.22	
40 x 20	F 4020/6 Z-COOL 60 Grit	44414066	4007220297377	10	\$15.36	
40 x 20	F 4020/6 Z-COOL 80 Grit	44414086	4007220297384	10	\$15.36	
50 x 20	F 5020/6 Z-COOL 60 Grit	44531066	4007220297391	10	\$17.72	
50 x 20	F 5020/6 Z-COOL 80 Grit	44531086	4007220297407	10	\$17.72	
60 x 30	F 6030/6 Z-COOL 60 Grit	44533066	4007220297414	10	\$19.67	
60 x 30	F 6030/6 Z-COOL 80 Grit	44533086	4007220297421	10	\$19.67	




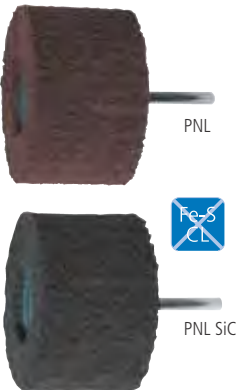
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
Fan Grinders Ceramic COOL (Top Size)							
40 x 20	F 4020/6 CO-COOL 40 Grit	44408054	4007220803813	10	\$27.52		
40 x 20	F 4020/6 CO-COOL 60 Grit	44408074	4007220803820	10	\$27.52		
40 x 20	F 4020/6 CO-COOL 80 Grit	44408094	4007220803837	10	\$27.52		
40 x 20	F 4020/6 CO-COOL 120 Grit	44408134	4007220803844	10	\$27.52		
50 x 30	F 5030/6 CO-COOL 40 Grit	44411554	4007220803868	10	\$33.98		
50 x 30	F 5030/6 CO-COOL 60 Grit	44411574	4007220803875	10	\$33.98		
50 x 30	F 5030/6 CO-COOL 80 Grit	44411594	4007220803899	10	\$33.98		
50 x 30	F 5030/6 CO-COOL 120 Grit	44411634	4007220803882	10	\$33.98		
60 x 30	F 6030/6 CO-COOL 40 Grit	44411754	4007220803905	10	\$36.06		
60 x 30	F 6030/6 CO-COOL 60 Grit	44411774	4007220803912	10	\$36.06		
60 x 30	F 6030/6 CO-COOL 80 Grit	44411794	4007220803929	10	\$36.06		
60 x 30	F 6030/6 CO-COOL 120 Grit	44411834	4007220803936	10	\$36.06		
Fan Grinder Set							
Assorted	40 Piece Fan Grinder Set FSO 5400 - 6mm Shank	44590001	4007220156087	1	\$409.55		
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		
Display 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 63)		Made to Order ONLY				
Flap Wheels							
100 x 30	FR 10030/25.4 A 40 Grit	44710041	4007220469040	2	\$65.44		
100 x 30	FR 10030/25.4 A 60 Grit	44710061	4007220469057	2	\$65.44		
100 x 30	FR 10030/25.4 A 80 Grit	44710081	4007220469071	2	\$65.44		
100 x 30	FR 10030/25.4 A120 Grit	44710121	4007220469095	2	\$65.44		
165 x 30	FR 16530/25.4 A 40 Grit	44732041	4007220470091	2	\$92.73		
165 x 30	FR 16530/25.4 A 60 Grit	44732061	4007220470107	2	\$92.73		
165 x 30	FR 16530/25.4 A 80 Grit	44732081	4007220470114	2	\$102.48		
165 x 30	FR 16530/25.4 A 120 Grit	44732121	4007220470121	2	\$102.48		
165 x 50	FR 16550/25.4 A 40 Grit	44731041	4007220469767	2	\$118.02		
165 x 50	FR 16550/25.4 A 60 Grit	44731061	4007220469781	2	\$118.02		
165 x 50	FR 16550/25.4 A 80 Grit	44731081	4007220469804	2	\$140.88		
165 x 50	FR 16550/25.4 A 120 Grit	44731121	4007220469811	2	\$140.88		
165 x 50	FR 16550/25.4 A 240 Grit	44731241	4007220469842	2	\$142.63		
165 x 50	FR 16550/25.4 A 320 Grit	44731321	4007220469859	2	\$142.63		
200 x 30	FR 20030/44.0 A 60 Grit	44736061	4007220469606	2	\$159.75		
200 x 30	FR 20030/44.0 A 80 Grit	44736081	4007220469613	2	\$163.69		
200 x 30	FR 20030/44.0 A 120 Grit	44736121	4007220469637	2	\$179.68		
200 x 50	FR 20050/44.0 A 60 Grit	44738061	4007220469262	2	\$214.43		
200 x 50	FR 20050/44.0 A 80 Grit	44738081	4007220469286	2	\$257.43		
200 x 50	FR 20050/44.0 A 120 Grit	44738121	4007220469309	2	\$257.43		
250 x 50	FR 25050/44.0 A 60 Grit	44742061	4007220469064	2	\$248.75		
250 x 50	FR 25050/44.0 A 80 Grit	44742081	4007220469088	2	\$264.29		


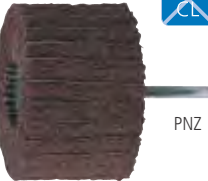















Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
Flap Wheel Arbors & Flanges						
25 x 12	FR/VR 12/25.4 100-165 °	44601225	4007220479643	1	\$105.76	
44 x 12	FR/VR 12/44.0 200-250 #	44601244	4007220479650	1	\$128.79	
25 x M12	FR/VR M12/25.4 100-165 * ° = 12mm Shank - Suits 100 - 165mm wheels # = 12mm Shank - Suits 200 - 250mm wheels * = Suits straight grinder with M12 thread	47600057	4007220820742	1	\$231.37	
	RF FR 150-165 Bo. 12-22.2	44771225	4007220509876	1	\$47.47	
	RF FR 200-250 Bo. 12-40 RF type for fitting to Bench Grinders	44771244	4007220498460	1	\$88.30	
Flap Wheels with Cooling Aid (INOX)						
150 x 30	FR 15030 A-COOL 40 Grit	44725040	4007220469576	2	\$80.54	
150 x 30	FR 15030 A-COOL 60 Grit	44725060	4007220469590	2	\$80.54	
150 x 30	FR 15030 A-COOL 120 Grit	44725120	4007220469668	2	\$89.45	
150 x 50	FR 15050 A-COOL 40 Grit	44727040	4007220469743	2	\$102.12	
150 x 50	FR 15050 A-COOL 60 Grit	44727060	4007220469774	2	\$102.12	
150 x 50	FR 15050 A-COOL 80 Grit	44727080	4007220469798	2	\$118.18	
165 x 30	FR 16530 A-COOL 40 Grit	44733041	4007220469989	2	\$102.48	
165 x 30	FR 16530 A-COOL 60 Grit	44733061	4007220470008	2	\$102.48	
165 x 30	FR 16530 A-COOL 80 Grit	44733081	4007220470015	2	\$102.48	
165 x 30	FR 16530 A-COOL 120 Grit	44733121	4007220470022	2	\$102.48	
165 x 50	FR 16550 A-COOL 40 Grit	44730041	4007220469866	2	\$118.02	
165 x 50	FR 16550 A-COOL 60 Grit	44730061	4007220469873	2	\$118.02	
165 x 50	FR 16550 A-COOL 80 Grit	44730081	4007220469903	2	\$140.88	
165 x 50	FR 16550 A-COOL 120 Grit	44730121	4007220469910	2	\$140.88	
Flap Wheels for Angle Grinders						
115	FR-WS 11520 M14 A 40 Grit	44781504	4007220752364	2	\$47.88	
115	FR-WS 11520 M14 A 60 Grit	44781506	4007220752388	2	\$47.88	
115	FR-WS 11520 M14 A 80 Grit	44781508	4007220752395	2	\$51.23	
115	FR-WS 11520 M14 A 120 Grit	44781512	4007220752401	2	\$51.23	
125	FR-WS 12520 M14 A 40 Grit	44782504	4007220752418	2	\$51.23	
125	FR-WS 12520 M14 A 60 Grit	44782506	4007220752425	2	\$51.23	
125	FR-WS 12520 M14 A 80 Grit	44782508	4007220752432	2	\$53.17	
125	FR-WS 12520 M14 A 120 Grit	44782512	4007220752449	2	\$53.17	
Flap Drums						
100 x 100	FR-W 100100 A 40 Grit	44783040	4007220770498	1	\$127.58	
100 x 100	FR-W 100100 A 60 Grit	44783060	4007220770504	1	\$143.52	
100 x 100	FR-W 100100 A 80 Grit	44783080	4007220770511	1	\$148.86	
100 x 100	FR-W 100100 A 120 Grit	44783120	4007220770528	1	\$152.77	
100 x 100	FR-W 100100 A 150 Grit	44783150	4007220770535	1	\$159.46	
100 x 100	FR-W 100100 A 180 Grit	44783180	4007220770542	1	\$164.80	
POLIFLAP® Flap Drums						
	PFL-SL A 60 Flaps	42800110	4007220725276	12	\$6.03	
	PFL-SL A 80 Flaps	42800111	4007220725283	12	\$5.39	
	PFL-SL A 100 Flaps	42800112	4007220725290	12	\$5.39	
	PFL-SL A 120 Flaps	42800113	4007220725306	12	\$4.74	
	PFL-SL A 180 Flaps	42800115	4007220725320	12	\$4.74	
	PFL-SL A 320 Flaps	42800117	4007220725344	12	\$4.74	
	PFL-GL Rubber Flaps	42800120	4007220725412	12	\$10.02	
170 x 60	PFL 17060/12 Drum Hub - 12mm Shank	42800100	4007220725405	1	\$279.01	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBIDISC® Tools						
COMBIDISC® Holders - CD Type						
Suits PSG®, Power Lock II®, Turn On® & So-Catt® Systems						
20	SBH 20 M (medium)	42721202	4007220265901	1	\$40.56	 M - medium
25	SBH 25 M (medium)	42721252	4007220266755	1	\$43.86	
38	SBH 38 M (medium)	42721382	4007220266779	1	\$47.62	
COMBIDISC® Abrasive Discs - CD A						
20	CD 20 A 60	42750206	4007220265864	100	\$1.66	 
20	CD 20 A 80	42750208	4007220266007	100	\$1.66	
20	CD 20 A 120	42750212	4007220266038	100	\$1.66	
25	CD 25 A 60	42750306	4007220355718	100	\$1.88	
25	CD 25 A 80	42750308	4007220355725	100	\$1.88	
25	CD 25 A 120	42750312	4007220355732	100	\$1.88	
38	CD 38 A 60	42750406	4007220355756	100	\$1.47	
38	CD 38 A 80	42750408	4007220355763	100	\$1.47	
38	CD 38 A 180	42750418	4007220366175	100	\$1.47	
38	CD 38 A 320	42750432	4007220366199	100	\$1.47	
COMBIDISC® Mounting Adaptors						
	SBH M14	75602528	9324922010840	1	\$36.31	
	SBH M10 x 1.5	75602529	9324922010857	1	\$29.61	
COMBIDISC® Holders - CDR Type						
Suits: Roloc®, Lockit®, Speed Lock TR® & Power Lock III® Discs						
38	SBHR 38 M	42721392	4007220597057	1	\$40.24	
50	SBHR 50 M	42721512	4007220597064	1	\$44.71	
75	SBHR 75 M	42721762	4007220597071	1	\$52.42	
50	RM2 (50mm) – Economy	* 47600052	4007220818862	1	\$17.50	
75	RM3 (75mm) – Economy	* 47600053	4007220818879	1	\$19.99	
COMBIDISC® Abrasive Discs - CDR A						
50	CDR 50 A 36	* 42770503	4007220596517	100	\$2.35	 
50	CDR 50 A 60	* 42770506	4007220596524	100	\$2.35	
50	CDR 50 A 80	* 42770508	4007220596531	100	\$2.35	
50	CDR 50 A 120	42770512	4007220596548	100	\$2.35	
50	CDR 50 A 180	42770518	4007220596555	100	\$2.35	
50	CDR 50 A 320	42770532	4007220596562	100	\$2.35	
75	CDR 75 A 36	* 42770703	4007220596586	50	\$3.27	
75	CDR 75 A 60	* 42770706	4007220596593	50	\$3.27	
75	CDR 75 A 80	* 42770708	4007220596609	50	\$3.27	
75	CDR 75 A 120	42770712	4007220596616	50	\$3.27	
75	CDR 75 A 180	42770718	4007220596623	50	\$3.27	
75	CDR 75 A 320	42770732	4007220596630	50	\$3.27	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBIDISC® Tools (continued)						
COMBIDISC® Abrasive Discs - CDR A Forte						
50	CDR 50 A 36 Forte	42771503	4007220596692	100	\$2.92	
50	CDR 50 A 60 Forte	42771506	4007220596708	100	\$2.57	
50	CDR 50 A 80 Forte	42771508	4007220596715	100	\$2.57	
50	CDR 50 A 120 Forte	42771512	4007220596722	100	\$2.57	
75	CDR 75 A 36 Forte	42771703	4007220596739	50	\$4.09	
75	CDR 75 A 60 Forte	42771706	4007220596746	50	\$3.52	
75	CDR 75 A 80 Forte	42771708	4007220596753	50	\$3.52	
75	CDR 75 A 120 Forte	42771712	4007220596760	50	\$3.52	
COMBIDISC® Abrasive Discs - CDR Z						
50	CDR 50 Z 36	* 42773503	4007220596838	100	\$3.52	
50	CDR 50 Z 60	* 42773506	4007220596845	100	\$3.05	
50	CDR 50 Z 80	* 42773508	4007220596852	100	\$3.05	
75	CDR 75 Z 36	* 42773703	4007220596869	50	\$4.68	
75	CDR 75 Z 60	* 42773706	4007220596876	50	\$4.23	
75	CDR 75 Z 80	* 42773708	4007220596883	50	\$4.23	
COMBIDISC® Abrasive Discs - CDR VRH (Surface Conditioning)						
50	CDR VRH 50 A 100 (Coarse)	* 42781501	4007220596937	50	\$3.15	
50	CDR VRH 50 A 180 (Medium)	* 42781502	4007220596944	50	\$3.15	
50	CDR VRH 50 A 240 (Very fine)	* 42781504	4007220596951	50	\$3.15	
75	CDR VRH 75 A 100 (Coarse)	* 42781751	4007220596968	25	\$4.80	
75	CDR VRH 75 A 180 (Medium)	* 42781752	4007220596975	25	\$4.80	
75	CDR VRH 75 A 240 (Very fine)	* 42781754	4007220597354	25	\$4.80	
	Coarse (Brown) Medium (Maroon) Very Fine (Blue)					
COMBIDISC® Abrasive Discs - CDR Ceramic COOL (Top Size)						
50	CDR 50 CO-COOL 36	* 42776503	4007220778678	100	\$4.31	
50	CDR 50 CO-COOL 60	* 42776506	4007220778685	100	\$3.86	
50	CDR 50 CO-COOL 80	* 42776508	4007220778692	100	\$3.86	
50	CDR 50 CO-COOL 120	42776512	4007220778708	100	\$3.86	
75	CDR 75 CO-COOL 36	* 42776703	4007220778722	50	\$5.27	
75	CDR 75 CO-COOL 60	* 42776706	4007220778739	50	\$5.02	
75	CDR 75 CO-COOL 80	* 42776708	4007220778746	50	\$4.80	
75	CDR 75 CO-COOL 120	42776712	4007220778753	50	\$4.68	
COMBIDISC® Contour - CDR A - for work on convex & concave surfaces						
60	CDR 60 A 60 CONTOUR	42759005	4007220898840	25	\$3.38	
60	CDR 60 A 80 CONTOUR	42759006	4007220898857	25	\$3.38	
60	CDR 60 A 120 CONTOUR	42759007	4007220898864	25	\$3.38	
60	CDR 60 A 180 CONTOUR	42759008	4007220898871	25	\$3.38	
	Recommended for use with SBHR50M backing pad - see page 56					

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
COMBIDISC® Tools (continued)							
COMBIDISC® Mini Polifans - CDR A							
50	CDR-PFF 50 A 40	47202527	4007220016121	10	\$11.18		
50	CDR-PFF 50 A 60	47202528	4007220016145	10	\$11.18		
50	CDR-PFF 50 A 80	47202090	4007220821633	10	\$11.18		
50	CDR-PFF 50 A 120	47202529	4007220016152	10	\$11.18		
50	CDR-PFF 75 A 40	47202530	4007220016169	10	\$11.85		
75	CDR-PFF 75 A 60	47202531	4007220016176	10	\$11.85		
75	CDR-PFF 75 A 80	47202091	4007220821640	10	\$11.85		
75	CDR-PFF 75 A 120	47202532	4007220016336	10	\$11.85		
COMBIDISC® Mini Polifans - CDR Z							
50	CDR-PFF 50 Z 40	47202125	4007220902707	10	\$12.30		
50	CDR-PFF 50 Z 60	47202126	4007220902714	10	\$12.30		
50	CDR-PFF 50 Z 80	47202533	4007220016534	10	\$12.30		
50	CDR-PFF 50 Z 120	47202534	4007220016541	10	\$12.30		
75	CDR-PFF 75 Z 40	47202101	4007220835111	10	\$12.96		
75	CDR-PFF 75 Z 60	47202535	4007220016558	10	\$12.96		
75	CDR-PFF 75 Z 80	47202536	4007220016565	10	\$12.96		
75	CDR-PFF 75 Z 120	47202092	4007220821688	10	\$12.96		
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	\$15.87		
50	CDR PNER H 5006 A FINE (hard)	42779142	4007220832691	25	\$15.87		
50	CDR PNER MH 5006 A FINE (medium-hard)	42779102	4007220832684	25	\$14.34		
50	CDR PNER H 5006 C FINE (hard)	42779104	4007220832677	25	\$14.34		
50	CDR PNER W 5006 A COARSE (soft)	42779021	4007220832660	25	\$12.18		
50	CDR PNER W 5006 C FINE (soft)	42779024	4007220832653	25	\$12.18		
75	CDR PNER H 7506 A COARSE (hard)	42779151	4007220832769	25	\$23.23		
75	CDR PNER H 7506 A FINE (hard)	42779152	4007220832752	25	\$23.23		
75	CDR PNER MH 7506 A FINE (medium-hard)	42779112	4007220832745	25	\$21.08		
75	CDR PNER MH 7506 C FINE (medium-hard)	42779114	4007220832738	25	\$21.08		
75	CDR PNER W 7506 A COARSE (soft)	42779031	4007220832721	25	\$18.10		
75	CDR PNER W 7506 C FINE (soft)	42779034	4007220832714	25	\$18.10		
COMBIDISC® Felt Discs							
50	CDR FR 50	42003050	4007220004784	10	\$5.03		
75	CDR FR 75	42003075	4007220004791	10	\$9.96		
COMBIDISC® POLICLEAN® Discs							
50	CDR 50 PCLR	47201632	4007220677124	10	\$12.53		
75	CDR 75 PCLR	47201633	4007220677131	10	\$17.88		
POLISTAR® Pads - For internal grinding of tube & pipe (For 7mm - 40mm Internal Diameter Tubes)							
20	PST 20/1.6 A 60	42730206	4007220661345	25	\$2.17		
20	PST 20/1.6 A 80	42730208	4007220661444	25	\$2.17		
20	PST 20/1.6 A 120	42730212	4007220661451	25	\$2.17		
30	PST 30/1.6 A 60	42730306	4007220661468	25	\$2.57		
30	PST 30/1.6 A 80	42730308	4007220661482	25	\$2.57		
30	PST 30/1.6 A 120	42730312	4007220661512	25	\$2.57		
40	PST 40/3 A 60	42730406	4007220661543	10	\$3.10		
40	PST 40/3 A 80	42730408	4007220661550	10	\$3.10		
40	PST 40/3 A 120	42730412	4007220661567	10	\$3.10		
50	PST 50/3 A 60	42730506	4007220661574	10	\$3.62		
50	PST 50/3 A 80	42730508	4007220661581	10	\$3.62		
50	PST 50/3 A 120	42730512	4007220661598	10	\$3.62		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POLISTAR® Tools (continued)						
POLISTAR® Pads - For internal grinding of tube & pipe (For 35mm - 65mm Internal Diameter Tubes)						
50	POLISTAR TUBE PST-T 50/4 4 A 60	42732063	4007220834398	10	\$21.00	
50	POLISTAR TUBE PST-T 50/4 6 A 120	42732066	4007220834404	10	\$21.00	
50	POLISTAR TUBE PST-T 50/4 6 A 180	42732068	4007220834411	10	\$21.00	
50	POLISTAR TUBE PST-T 50/4 6 A 240	42732069	4007220834435	10	\$21.00	
50	POLISTAR TUBE PST-T 50/4 6 A 320	42732070	4007220834442	10	\$21.00	
60	POLISTAR TUBE PST-T 60/4 4 A 60	42732083	4007220834596	10	\$22.02	
60	POLISTAR TUBE PST-T 60/4 6 A 120	42732086	4007220834718	10	\$22.02	
60	POLISTAR TUBE PST-T 60/4 6 A 180	42732088	4007220834725	10	\$22.02	
60	POLISTAR TUBE PST-T 60/4 6 A 240	42732089	4007220834732	10	\$22.02	
60	POLISTAR TUBE PST-T 60/4 6 A 320	42732090	4007220834749	10	\$22.02	
70	POLISTAR TUBE PST-T 70/4 4 A 60	42732103	4007220834756	10	\$23.05	
70	POLISTAR TUBE PST-T 70/4 6 A 120	42732106	4007220834763	10	\$23.05	
70	POLISTAR TUBE PST-T 70/4 6 A 180	42732108	4007220834770	10	\$23.05	
70	POLISTAR TUBE PST-T 70/4 6 A 240	42732109	4007220834787	10	\$23.05	
70	POLISTAR TUBE PST-T 70/4 6 A 320	42732110	4007220834794	10	\$23.05	
80	POLISTAR TUBE PST-T 80/4 4 A 60	42732123	4007220834800	10	\$24.02	
80	POLISTAR TUBE PST-T 80/4 6 A 120	42732126	4007220834817	10	\$24.02	
80	POLISTAR TUBE PST-T 80/4 6 A 180	42732128	4007220834824	10	\$24.02	
80	POLISTAR TUBE PST-T 80/4 6 A 240	42732129	4007220834831	10	\$24.02	
80	POLISTAR TUBE PST-T 80/4 6 A 320	42732130	4007220834848	10	\$24.02	
90	POLISTAR TUBE PST-T 90/5 4 A 60	42732143	4007220834855	10	\$35.86	
90	POLISTAR TUBE PST-T 90/5 8 A 120	42732146	4007220834862	10	\$35.86	
90	POLISTAR TUBE PST-T 90/5 8 A 180	42732148	4007220834879	10	\$35.86	
90	POLISTAR TUBE PST-T 90/5 8 A 240	42732149	4007220834886	10	\$35.86	
90	POLISTAR TUBE PST-T 90/5 8 A 320	42732150	4007220834893	10	\$35.86	
100	POLISTAR TUBE PST-T 100/5 4 A 60	42732163	4007220834909	10	\$36.87	
100	POLISTAR TUBE PST-T 100/5 8 A 120	42732166	4007220834916	10	\$36.87	
100	POLISTAR TUBE PST-T 100/5 8 A 180	42732168	4007220834923	10	\$36.87	
100	POLISTAR TUBE PST-T 100/5 8 A 240	42732169	4007220834947	10	\$36.87	
100	POLISTAR TUBE PST-T 100/5 8 A 320	42732170	4007220834954	10	\$36.87	
POLISTAR® Arbors						
2.3 shank	BO 2.3/1.6 1-5 (suits PST 20 & 30)	42460023	4007220151570	1	\$9.91	
3 shank	BO 3/1.6 1-5 (suits PST 20 & 30)	42460030	4007220151587	1	\$9.91	
6 shank	BO 6/3 1-6 (suits PST 40 & 50)	42400003	4007220505694	1	\$32.18	
6 shank	BO 6/4 0-10 (suits PST-T 50 to 80)	42400004	4007220834343	1	\$24.63	
6 shank	BO 6/5 0-10 (suits PST-T 90 & 100)	42400005	4007220834350	1	\$24.63	
Fine Grinding & Polishing Tools						
POLINOX® Mounted Points - 6mm Shank						
40 x 20	PNL 4020/6 A 100 *	44654100	4007220157060	10	\$26.50	
40 x 20	PNL 4020/6 A 180	44654180	4007220157077	10	\$26.50	
40 x 20	PNL 4020/6 A 280	44654280	4007220157084	10	\$26.50	
50 x 30	PNL 5030/6 A 100	44655100	4007220157107	10	\$31.95	
50 x 30	PNL 5030/6 A 180	44655180	4007220157114	10	\$31.95	
50 x 30	PNL 5030/6 A 280	44655280	4007220157121	10	\$31.95	
60 x 50	PNL 6050/6 A 100 *	44666100	4007220157213	5	\$33.71	
60 x 50	PNL 6050/6 A 180	44666180	4007220157220	5	\$33.71	
60 x 50	PNL 6050/6 A 280	44666280	4007220157237	5	\$33.71	
80 x 50	PNL 8050/6 A 100	44658100	4007220157183	1	\$42.44	
80 x 50	PNL 8050/6 A 180	44658180	4007220157190	1	\$42.44	
80 x 50	PNL 8050/6 A 280	44658280	4007220157206	1	\$42.44	
40 x 20	PNL 4020/6 SiC 180	44640418	4007220293669	10	\$28.42	
40 x 20	PNL 4020/6 SiC 280	44640428	4007220293676	10	\$28.42	
50 x 30	PNL 5030/6 SiC 180	44640518	4007220293683	10	\$34.10	
60 x 50	PNL 6050/6 SiC 180	44640618	4007220293706	10	\$38.80	
80 x 50	PNL 8050/6 SiC 180	44640818	4007220293720	10	\$51.89	










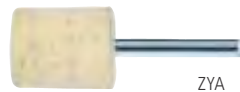

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLINOX® Mounted Points - 6mm Shank						
60 x 50	PNR 6050/6 A 100	44656100	4007220157145	10	\$38.22	 PNZ
60 x 50	PNR 6050/6 A 180	44656180	4007220157152	10	\$38.22	
60 x 50	PNR 6050/6 A 280	44656280	4007220157169	10	\$38.22	
80 x 50	PNR 8050/6 A 100	44668100	4007220157244	10	\$50.97	
80 x 50	PNR 8050/6 A 180	44668180	4007220157251	10	\$50.97	
80 x 50	PNR 8050/6 A 280	44668280	4007220157268	10	\$50.97	
40 x 20	PNZ 4020/6 A 100 *	44654080	4007220157053	10	\$35.04	
40 x 20	PNZ 4020/6 A 180	44654088	4007220294697	10	\$35.04	
60 x 50	PNZ 6050/6 A 100 *	44656080	4007220157138	10	\$50.13	
60 x 50	PNZ 6050/6 A 180	44656088	4007220294703	10	\$50.13	
80 x 50	PNZ 8050/6 A 100	44658080	4007220157176	10	\$50.65	 PNG
80 x 50	PNZ 8050/6 A 180	44658088	4007220294710	10	\$50.65	
100 x 50	PNZ 10050/6 A 100	44690080	4007220294666	5	\$91.23	 PNG SiC
100 x 50	PNZ 10050/6 A 180	44690088	4007220294673	5	\$91.23	
80 x 50	PNZ 8050/6 SiC 100	44640806	4007220617571	10	\$53.29	 PNG SiC
80 x 50	PNZ 8050/6 SiC 180	44640808	4007220617588	10	\$53.93	
100 x 50	PNG 10050/6 A 100	44669100	4007220499580	5	\$106.89	
100 x 50	PNG 10050/6 A 180	44669180	4007220499597	5	\$106.89	
100 x 50	PNG 10050/6 A 280	44669280	4007220499603	5	\$106.89	
100 x 50	PNG 10050/6 SiC 100	44640910	4007220617595	1	\$112.14	
100 x 50	PNG 10050/6 SiC 180	44640918	4007220617601	1	\$112.14	
POLINOX® Ring Wheels - M14 thread						
100 x 50	PNL 10050 M14 A 100	44642001	4007220003329	5	\$62.59	 PNL
100 x 50	PNL 10050 M14 A 180	44642002	4007220003336	5	\$62.59	
100 x 50	PNL 10050 M14 A 280	44642003	4007220003343	5	\$62.59	 PNZ
100 x 50	PNZ 10050 M14 A 100	44642101	4007220003411	5	\$71.65	
100 x 50	PNZ 10050 M14 A 180	44642102	4007220003428	5	\$71.65	 PNG
100 x 50	PNG 10050 M14 A 100	44642201	4007220003268	5	\$101.72	
100 x 50	PNG 10050 M14 A 180	44642202	4007220003275	5	\$101.72	 PNG
125 x 50	PNG 10050 M14 A 280	44642203	4007220003282	5	\$101.72	
125 x 50	PNG 12550 M14 A 100	44642501	4007220002643	2	\$131.55	
125 x 50	PNG 12550 M14 A 180	44642502	4007220002650	2	\$131.55	
125 x 50	PNG 12550 M14 A 280	44642503	4007220002667	2	\$131.55	
POLINOX® Ring Wheels						
150 x 50	PNL 15050 A 100	44644111	4007220479667	1	\$159.80	 PNL
150 x 50	PNL 15050 A 180	44644119	4007220479674	1	\$175.41	
200 x 50	PNL 20050 A 180	44644219	4007220479704	1	\$223.83	 PNR
200 x 50	PNL 20050 A 280	44644229	4007220479711	1	\$239.15	
150 x 40	PNR 15040 A 180	44647518	4007220293577	1	\$69.82	 PNZ
150 x 50	PNZ 15050 A 100	44645111	4007220479728	1	\$195.68	
150 x 50	PNG 15050 A 100	44646111	4007220479780	1	\$156.41	 PNG
150 x 50	PNG 15050 A 180	44646119	4007220479797	1	\$156.41	
150 x 50	PNG 15050 A 280	44646129	4007220479803	1	\$156.41	
POLINOX® Grinding Drums						
100 x 100	PNL-W 100100 A 100	44641010	4007220593523	1	\$142.35	 PNL-W
100 x 100	PNL-W 100100 A 180	44641018	4007220593530	1	\$152.53	
100 x 100	PNL-W 100100 A 280	44641028	4007220593547	1	\$162.69	 PNZ-W
100 x 100	PNZ-W 100100 A 60 (Coarse)	44641106	4007220593554	1	\$142.35	
100 x 100	PNZ-W 100100 A 80 (Medium)	44641108	4007220593561	1	\$152.53	 PNG-W
100 x 100	PNZ-W 100100 A 120 (Fine)	44641112	4007220593578	1	\$162.69	
100 x 100	PNG-W 100100 A 100	44641201	4007220002612	1	\$118.26	 PNG-W
100 x 100	PNG-W 100100 A 180	44641202	4007220002629	1	\$124.96	
100 x 100	PNG-W 100100 A 280	44641203	4007220002636	1	\$131.55	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
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	\$16.30		
50 x 3	PNER-H 5003-6 A FINE (hard)	44691005	4007220505700	10	\$15.48		
75 x 6	PNER-MW 7506-6 C FINE (medium soft)	44691427	4007220355558	5	\$23.79		
75 x 6	PNER-W 7506-6 C FINE (soft)	44691627	4007220355626	5	\$25.80		
125 x 6	PNER-MH 12506-22.2 A FINE (medium hard)	44691252	4007220833155	1	\$72.71		
125 x 6	PNER-MW 12506-22 C FINE (medium)	44691452	4007220833131	1	\$76.73		
125 x 6	PNER-H 12506-22 A COARSE (hard)	44691053	4007220833179	1	\$88.53		
150 x 25	PNER-MW 15025-25.4 C FINE (medium soft)	44691467	4007220355602	1	\$192.15		
150 x 25	PNER-H 15025-25.4 A COARSE (hard)	44691061	4007220355497	1	\$194.50		
POLINOX® PNER - unitized wheels for polishing and removal of scratches on stainless steel							
115 x 22	PNER-MH 115-22.2 C FINE (medium hard)	44690712	4007220824351	1	\$78.24		
115 x 22	PNER-MW 115-22.2 C FINE (medium soft)	44690722	4007220824344	1	\$78.24		
115 x 22	PNER-W 115-22.2 C FINE (soft)	44690732	4007220824337	1	\$67.06		
125 x 22	PNER-MH 125-22.2 C FINE (medium hard)	44690713	4007220824382	1	\$100.59		
125 x 22	PNER-MW 125-22.2 C FINE (medium soft)	44690723	4007220824375	1	\$95.01		
125 x 22	PNER-W 125-22.2 C FINE (soft)	44690733	4007220824368	1	\$83.83		
Arbors & Flanges							
25 x 12	FR/VR 12/25.4 100-165 °	44601225	4007220479643	1	\$105.76		
44 x 12	FR/VR 12/44.0 200-250 #	44601244	4007220479650	1	\$128.79		
25 x M12	FR/VR M12/25.4 100-165 *	47600057	4007220820742	1	\$231.37		
	° = 12mm Shank - Suits 100 - 165mm wheels						
	# = 12mm Shank - Suits 200 - 250mm wheels						
	* = Suits straight grinder with M12 thread						
	RF FR 150-165 BO 12-22.2	44771225	4007220509876	1	\$47.47		
	RF FR 200-250 BO 12-40	44771244	4007220498460	1	\$88.30		
	RF type for fitting to Bench Grinders						
POLINOX® Cross Buffs							
25	PNST 25-2 Medium Fine	44698252	4007220441138	20	\$7.91		
25	PNST 25-2 Very Fine	44698253	4007220441145	20	\$14.55		
38	PNST 38-3 Medium Fine	44698382	4007220441152	20	\$29.37		
38	PNST 38-3 Very Fine	44698383	4007220441169	20	\$30.77		
	BO-PNST 6-75 Arbor	42700675	4007220440988	1	\$23.78		
	BO-PNST 6-125 Arbor	42700685	4007220440995	1	\$27.01		
POLIVLIES® Discs							
150 x 8	PVR 15008-13 A Medium	44693151	4007220505847	10	\$38.17		
150 x 8	PVR 15008-13 A Very Fine	44693152	4007220505861	10	\$20.63		
	PRV 6/13 1-25 Arbor	23600506	4007220505878	1	\$60.14		
POLIVLIES® Velstick Surface Conditioning Discs (With centre location button)							
100	PVKR 100 A Coarse	47200038	4007220818794	20	\$6.52		
100	PVKR 100 A Medium	47200046	4007220820773	20	\$6.52		
100	PVKR 100 A Fine	47200035	4007220818442	20	\$6.52		
115	PVKR 115-22 A Coarse	42871306	4007220354230	20	\$7.18		
115	PVKR 115-22 A Medium	42871310	4007220297469	20	\$7.18		
115	PVKR 115-22 A Fine	42871318	4007220354254	20	\$7.18		
125	PVKR 125-22 A Coarse	42871406	4007220354261	20	\$8.78		
125	PVKR 125-22 A Medium	42871410	4007220297452	20	\$8.78		
125	PVKR 125-22 A Fine	42871418	4007220354278	20	\$8.78		
180	PVKR 180-22 A Coarse	42871606	4007220354285	10	\$13.76		
180	PVKR 180-22 A Medium	42871610	4007220354292	10	\$13.76		
180	PVKR 180-22 A Fine	42871618	4007220354308	10	\$13.76		
POLIVLIES® Velstick Backing Pads (With centre location button) Improved design.							
115	PVKRH 115 M14	42711154	4007220316962	1	\$31.19		
125	PVKRH 125 M14	42711254	4007220316979	1	\$34.80		
180	PVKRH 180-22 M14	42711784	4007220354223	1	\$52.95		








Coarse (Brown)
Medium (Maroon)
Fine (Blue)




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLIVLIES® Surface Conditioning Flap Discs						
115	PVL 115 A Coarse - Brown	44694101	4007220748336	5	\$21.05	
115	PVL 115 A Medium - Maroon	44694102	4007220748343	5	\$21.05	
115	PVL 115 A Fine - Blue	44694103	4007220748350	5	\$21.05	
125	PVL 125 A Coarse - Brown	44694111	4007220748367	5	\$22.52	
125	PVL 125 A Medium - Maroon	44694112	4007220748374	5	\$22.52	
125	PVL 125 A Fine - Blue	44694113	4007220748381	5	\$22.52	
POLIVLIES® Hand Pads						
150 x 230	PVHP 150 - Green - General Purpose	47200036	4007220818480	10	\$2.16	
150 x 230	PVHP 150 - Maroon - Medium	47200037	4007220818497	10	\$2.16	
150 x 230	PVHP 150 - Tan - Coarse	47200032	4007220818374	10	\$7.47	
150 x 230	PVHP 150 - Grey - Fine	47200033	4007220818381	10	\$2.16	
150 x 230	PVHP 150 - Black - Coarse/Medium	47200034	4007220818398	10	\$3.77	
POLIVLIES® Rolls						
115 x 10M	PVLR 115 x 10M Coarse (Tan)	47200039	4007220818886	1	\$122.95	
115 x 10M	PVLR 115 x 10M Coarse/Medium (Black)	47200040	4007220818893	1	\$65.78	
115 x 10M	PVLR 115 x 10M Medium (Maroon)	47200041	4007220818909	1	\$65.78	
115 x 10M	PVLR 115 x 10M General Purpose (Green)	47200042	4007220818916	1	\$65.78	
115 x 10M	PVLR 115 x 10M Fine (Grey)	47200043	4007220818923	1	\$65.78	
POLIVLIES® Marbling Tools						
50	MKRK 50 A 180	44638180	4007220157008	100	\$2.06	
60	MKRK 60 A 100	44639100	4007220157022	100	\$3.10	
60	MKRK 60 A 180	44639180	4007220157039	100	\$2.57	
60	MKRK 60 A 280	44639280	4007220157046	100	\$2.57	
50	MK 6/50/6 HOLDER	44605060	4007220156940	1	\$68.48	
60	MK 6/60/6 HOLDER	44606060	4007220156957	1	\$75.03	
POLICLEAN® Cleaning & Stripping Tools - Centre Hole						
100	PCLS 10013/13	44692100	4007220471487	4	\$24.66	
150	PCLS 15013/13	44692150	4007220471494	4	\$32.60	
178	PCLS 17813/6	47801723	4007220497517	5	\$39.13	
178	PCLS 17813/20	47801752	4007220508657	5	\$30.74	
POLICLEAN® Cleaning & Stripping Tools - Shank Mounted						
50	PCLZY 5013/6	44692251	4007220661321	5	\$29.83	
50	PCLZY 5026/6	44692252	4007220661369	5	\$41.22	
75	PCLZY 7513/6	44692271	4007220661376	5	\$32.47	
75	PCLZY 7526/6	44692272	4007220661383	5	\$44.26	
100	PCLZY 10013/6	44692291	4007220661406	5	\$42.96	
POLICLEAN® Cleaning & Stripping Tools - Depressed Centre						
115	PCLD 115-13	44692715	4007220515280	5	\$20.47	
125	PCLD 125-13	44692725	4007220515297	5	\$20.47	
POLICLEAN® PLUS Cleaning & Stripping Tools - Depressed Centre						
100	PCLD PLUS 100-13	44692711	4007220069202	5	\$34.42	
125	PCLD PLUS 115-13	44692716	4007220069233	5	\$37.26	
115	PCLD PLUS 125-13	44692726	4007220069240	5	\$39.88	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
POLIFLEX® Blocks						
115 x 60 x 30	PFB CU 60 PUR	41020060	4007220298671	5	\$39.73	
115 x 60 x 30	PFB CU 120 PUR	41020120	4007220298688	5	\$39.73	
115 x 60 x 30	PFB CU 240 PUR	41020240	4007220298695	5	\$39.73	
POLIFLEX® Mounted Points						
GR - Rubber Type - 3mm & 6mm Shank						
6 x 10	PF ZY 0610/3 AR 120 GR	41200512	4007220144824	10	\$12.18	 
10 x 10	PF ZY 1010/3 AR 120 GR	41207112	4007220144947	10	\$11.21	
10 x 15	PF ZY 1015/3 AR 120 GR	41213112	4007220145036	10	\$11.21	
10 x 25	PF ZY 1025/6 AR 120 GR	41219112	4007220145128	10	\$11.43	
12 x 8	PF ZY 1208/3 AR 120 GR	41264112	4007220145883	10	\$11.21	
15 x 25	PF ZY 1525/6 AR 120 GR	41237112	4007220145418	10	\$11.37	
20 x 30	PF ZY 2030/6 AR 120 GR	41246112	4007220145630	10	\$14.86	
POLIFLEX® Mounted Points - LR - Leather Type						
8 x 12	PF ZY 0812/3 AW 120 LR	41204212	4007220144909	10	\$11.21	 
10 x 15	PF ZY 1015/3 AW 120 LR	41213212	4007220145050	10	\$12.67	
8	PF KU 08/3 AW 120 LR	41401212	4007220146224	10	\$13.09	
POLIFLEX® Mounted Points - PUR - Polyurethane Type						
20 x 30	PF ZY 2030/6 CN150 PUR-MH	41293215	4007220535240	10	\$25.32	  
25 x 30	PF ZY 2530/6 CU16 PU-STRUC	41293650	4007220752036	10	\$25.57	
32 x 32	PF ZY 3232/6 CU16 PU-STRUC	41293750	4007220752043	5	\$30.73	
75 x 30	PF ZY 7530/6 CU16 PU-STRUC	41293850	4007220752067	1	\$164.80	
100 x 30	PF ZY 10030/8 CU16 PU-STRUC	41293900	4007220752074	1	\$186.03	
30 x 45	PF WR 3045/8 CU16 PU-STRUC	41393700	4007220752081	5	\$34.57	
40 x 45	PF WR 4045/8 CU16 PU-STRUC	41393750	4007220752104	5	\$39.87	
50 x 45	PF WR 5045/8 CU16 PU-STRUC	41393800	4007220752111	5	\$50.23	
Felt Points & Wheels - 3mm & 6mm Shank						
6 x 10	FK ZYA 0610/3M	44140610	4007220295243	10	\$10.42	 
8 x 10	FK ZYA 0810/3M	44140810	4007220295250	10	\$10.65	
10 x 14	FK ZYA 1014/3M	44111013	4007220153871	10	\$11.75	
10 x 14	FK ZYA 1014/6M	44101671	4007220153772	10	\$12.53	
20 x 25	FK ZYA 2025/6M ST-BO	44101701	4007220153802	10	\$23.45	
25 x 30	FK ZYA 2530/6M ST-BO	44112536	4007220153888	10	\$28.89	
15 x 20	FK ZYA 1520/6MS ST-BO	44161520	4007220295311	10	\$24.48	
10 x 18	FK SPK 1018/3M	44171013	4007220153925	10	\$12.26	
10 x 18	FK SPK 1018/6M	44101691	4007220153796	10	\$13.19	
12 x 18	FK SPK 1218/3M	44141218	4007220295274	10	\$13.79	
15 x 20	FK SPK 1520/6M	44171526	4007220153932	10	\$15.77	
15 x 30	FK SPK 1530/6M	44171536	4007220153949	10	\$17.88	
20 x 25	FK SPK 2025/6M	44152025	4007220294734	10	\$20.82	
15 x 20	FK KEL 1520/6M	44151521	4007220294741	10	\$16.40	
20 x 25	FK KEL 2025/6M	44182026	4007220153956	10	\$20.16	
25 x 30	FK KEL 2530/6M	44101711	4007220153819	10	\$25.05	
30 x 35	FK KEL 3035/6M	44101721	4007220153826	10	\$36.58	
8 x 12	FK WRC 0812/3M	44140813	4007220295281	10	\$11.21	
10 x 14	FK WRC 1014/3M	44141014	4007220295298	10	\$17.59	
15 x 20	FK WRC 1520/6M	44131526	4007220153895	10	\$15.77	
20 x 25	FK WRC 2025/6M	44132026	4007220153901	10	\$20.16	
25 x 30	FK WRC 2530/6M	44132536	4007220153918	10	\$25.43	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Fine Grinding & Polishing Tools (continued)							
Felt Points & Wheels - 3mm & 6mm Shank (continued)							
10 x 14	FK TRE 1014/6M	44101681	4007220153789	10	\$12.76		
45 x 9	FK SC 4509/6M	44101732	4007220153840	5	\$22.28		
80 x 10	FK SC 8010/10	44367010	4007220154069	5	\$22.80		
125 x 20	FK SC 12520/20 MS	44331252	4007220295366	1	\$222.99		
Felt Fan Grinders							
30 x 20	FAN GRINDER FLS 3020/6 SOFT	44383020	4007220936160	5	\$25.92		
30 x 20	FAN GRINDER FLS 3020/6 HARD	44383021	4007220936177	5	\$25.92		
40 x 20	FAN GRINDER FLS 4020/6 SOFT	44384020	4007220936184	5	\$29.31		
40 x 20	FAN GRINDER FLS 4020/6 HARD	44384021	4007220936191	5	\$29.31		
50 x 30	FAN GRINDER FLS 5030/6 SOFT	44385030	4007220936207	5	\$37.13		
50 x 30	FAN GRINDER FLS 5030/6 HARD	44385031	4007220936214	5	\$37.13		
60 x 40	FAN GRINDER FLS 6040/6 SOFT	44386040	4007220936221	5	\$51.07		
60 x 40	FAN GRINDER FLS 6040/6 HARD	44386041	4007220936238	5	\$51.07		
80 x 50	FAN GRINDER FLS 8050/6 SOFT	44388050	4007220936245	5	\$73.61		
80 x 50	FAN GRINDER FLS 8050/6 HARD	44388051	4007220936252	5	\$73.61		
Felt Flap Discs							
115	FLAP DISC FFS 115/22.23 SOFT	44370115	4007220936085	1	\$78.04		
125	FLAP DISC FFS 125/22.23 SOFT	44370125	4007220936146	1	\$86.77		
115	FLAP DISC FFS 115/22.23 HARD	44371115	4007220936139	1	\$78.04		
125	FLAP DISC FFS 125/22.23 HARD	44371125	4007220936153	1	\$86.77		
Grinding Compounds							
	SFP 150 (250gr)	44220150	4007220153970	1	\$70.17		
	SFP 280 (250gr)	44220280	4007220153987	1	\$70.17		
	SFP 360 (250gr)	44220360	4007220153994	1	\$74.99		
	SFP 800 (250gr)	44220800	4007220154007	1	\$96.61		
Polishing Paste Bars							
Big bars							
	G-PP 1 VP STEELOX (Pre-polishing - green, 1,100gr)	44250001	4007220294567	1	\$42.78		
	G-PP 4 HPG UNIVERSAL (High-gloss polishing - pink, 1,150gr)	44250004	4007220294598	1	\$36.92		
Small bars							
	K-PP 1 VP STEELOX (Pre-polishing - green, 108gr)	44250006	4007220955666	1	\$10.04		
	K-PP 2 VP ALU (Pre-polishing - grey, 142gr)	44250007	4007220955673	1	\$10.04		
	K-PP 3 VP NON-FERROUS (Pre-polishing - brown, 111gr)	44250008	4007220955680	1	\$10.04		
	K-PP 4 HPG UNIVERSAL (High-gloss polishing - pink, 132gr)	44250009	4007220955697	1	\$10.04		
	K-PP 5 HGP PLAST (High-gloss polishing - beige, 104gr)	44250010	4007220955703	1	\$10.04		
pre-polishing	Green = Steel + stainless steel (INOX) Grey = Aluminium + brass Brown = Non-ferrous metals			high-gloss polishing	Pink = All metals Beige = Plastics		
Metal Cleaners							
	GP Cleaner UC-S 500	42200060	4007220027349	1	\$30.84		
	INOX Shiner IS-S 500	42200055	4007220027332	1	\$43.60		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fine Grinding & Polishing Tools (continued)						
COMBICLICK® Polishing Range						
115	NON WOVEN DISC CC-VRH 115 A (FINE)	42000050	4007220935743	10	\$11.66	
115	NON WOVEN DISC CC-VRH 115 A (MEDIUM)	42000051	4007220935873	10	\$11.66	
115	NON WOVEN DISC CC-VRH 115 A (COARSE)	42000052	4007220935880	10	\$11.66	
125	NON WOVEN DISC CC-VRH 125 A (FINE)	42000060	4007220935897	10	\$12.96	
125	NON WOVEN DISC CC-VRH 125 A (MEDIUM)	42000061	4007220935903	10	\$12.96	
125	NON WOVEN DISC CC-VRH 125 A (COARSE)	42000062	4007220935910	10	\$12.96	
115	NON WOVEN DISC CC-VRW 115 A (VERY FINE)	42001050	4007220935927	10	\$11.66	
115	NON WOVEN DISC CC-VRW 115 A (FINE)	42001051	4007220935934	10	\$11.66	
115	NON WOVEN DISC CC-VRW 115 A (MEDIUM)	42001052	4007220935941	10	\$11.66	
125	NON WOVEN DISC CC-VRW 125 A (VERY FINE)	42001060	4007220935958	10	\$12.96	
125	NON WOVEN DISC CC-VRW 125 A (FINE)	42001061	4007220935965	10	\$12.96	
125	NON WOVEN DISC CC-VRW 125 A (MEDIUM)	42001062	4007220935972	10	\$12.96	
115	NON WOVEN DISC CC-PNER W 115 C (FINE)	42002046	4007220935989	5	\$32.45	
125	NON WOVEN DISC CC-PNER W 125 C (FINE)	42002056	4007220935996	5	\$38.96	
115	NON WOVEN DISC CC-PNER MW 115 C (FINE)	42002086	4007220936009	5	\$35.04	
125	NON WOVEN DISC CC-PNER MW 125 C (FINE)	42002096	4007220936030	5	\$44.17	
115	NON WOVEN DISC CC-PNER MH 115 C (FINE)	42002146	4007220936016	5	\$38.96	
125	NON WOVEN DISC CC-PNER MH 125 C (FINE)	42002156	4007220936047	5	\$46.25	
115	NON WOVEN DISC CC-PNER H 115 A (FINE)	42002182	4007220936023	5	\$41.55	
125	NON WOVEN DISC CC-PNER H 125 A (FINE)	42002192	4007220936054	5	\$51.97	
115	FELT DISC CC-FR 115	42003015	4007220936061	5	\$18.10	
125	FELT DISC CC-FR 125	42003025	4007220936078	5	\$20.18	
<p>GUIDE: VRH - Satin Finish VRW - Soft Satin Finish PNER - Removal of fine scratches FELT - Final polishing (with compounds)</p>						
COMBICLICK® Polishing Kits						
125	COMBICLICK® 125mm POLISHING STARTER PACK	49900029	4007220965252	1	\$197.80	
Contents:		2 pcs each of: CC-FR felt discs A-COOL fibre discs 180 Grit A-COOL fibre discs 220 Grit 1 pc each of: Medium (grey) 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	1	\$233.95	
125	COMBICLICK® CC-SET 125 M14	49350072	4007220955369	1	\$246.34	
Contents:		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				

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Economy Rolls						
Economy Rolls - General Purpose - Improved J Flex Resin Bond Cloth						
25 x 50M	ER 25 A 40	47300037	4007220818503	1	\$28.15	
25 x 50M	ER 25 A 60	47300038	4007220818510	1	\$28.15	
25 x 50M	ER 25 A 80	47300039	4007220818527	1	\$28.15	
25 x 50M	ER 25 A 100	47300031	4007220818404	1	\$28.15	
25 x 50M	ER 25 A 120	47300032	4007220818428	1	\$28.15	
25 x 50M	ER 25 A 150	47300033	4007220818435	1	\$28.15	
25 x 50M	ER 25 A 180	47300034	4007220818459	1	\$28.15	
25 x 50M	ER 25 A 240	47300035	4007220818466	1	\$28.15	
25 x 50M	ER 25 A 320	47300036	4007220818473	1	\$28.15	
40 x 50M	ER 40 A 40	47300040	4007220818534	1	\$37.52	
40 x 50M	ER 40 A 60	47300041	4007220818541	1	\$37.52	
40 x 50M	ER 40 A 80	47300042	4007220818558	1	\$37.52	
40 x 50M	ER 40 A 100	47300043	4007220818572	1	\$37.52	
40 x 50M	ER 40 A 120	47300044	4007220818589	1	\$37.52	
40 x 50M	ER 40 A 150	47300045	4007220818596	1	\$37.52	
40 x 50M	ER 40 A 180	47300046	4007220818602	1	\$37.52	
40 x 50M	ER 40 A 240	47300047	4007220818619	1	\$37.52	
40 x 50M	ER 40 A 320	47300048	4007220818640	1	\$37.52	
50 x 50M	ER 50 A 40	47300049	4007220818657	1	\$43.39	
50 x 50M	ER 50 A 60	47300050	4007220818664	1	\$43.39	
50 x 50M	ER 50 A 80	47300051	4007220818671	1	\$43.39	
50 x 50M	ER 50 A 100	47300052	4007220818688	1	\$43.39	
50 x 50M	ER 50 A 120	47300053	4007220818695	1	\$43.39	
50 x 50M	ER 50 A 150	47300054	4007220818701	1	\$43.39	
50 x 50M	ER 50 A 180	47300055	4007220818718	1	\$43.39	
50 x 50M	ER 50 A 240	47300056	4007220818725	1	\$43.39	
50 x 50M	ER 50 A 320	47300057	4007220818732	1	\$43.39	
Economy Rolls - Premium						
25 x 50M	SBR 25 A 60	45016006	4007220587553	1	\$61.68	
25 x 50M	SBR 25 A 80	45016008	4007220587560	1	\$57.17	
25 x 50M	SBR 25 A 120	45016012	4007220587584	1	\$55.45	
25 x 50M	SBR 25 A 150	45016015	4007220587591	1	\$55.45	
25 x 50M	SBR 25 A 180	45016018	4007220587607	1	\$55.45	
25 x 50M	SBR 25 A 240	45016024	4007220587614	1	\$55.45	
50 x 50M	SBR 50 A 40	45016204	4007220587744	1	\$141.65	
50 x 50M	SBR 50 A 60	45016206	4007220587751	1	\$123.16	
50 x 50M	SBR 50 A 80	45016208	4007220587768	1	\$113.91	
50 x 50M	SBR 50 A 120	45016212	4007220587782	1	\$107.82	
50 x 50M	SBR 50 A 180	45016218	4007220587805	1	\$107.82	
50 x 50M	SBR 50 A 240	45016224	4007220587812	1	\$107.82	
50 x 50M	SBR 50 A 320	45016232	4007220587829	1	\$107.82	
50 x 50M	SBR 50 A 400	45016240	4007220587836	1	\$107.82	
50 x 50M	SBR 50 A 600	45016260	4007220607251	1	\$107.82	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Point-of-Sale L-shaped Display Packaging						
POLINOX® Mounted Points - 6mm Shank						
40 x 20	POS PNL 4020/6 A100 (2 products per display)	47800139	4007220022481	4	\$51.97	
60 x 50	POS PNL 6050/6 A100 (1 product per display)	47800140	4007220022498	4	\$37.89	
40 x 20	POS PNZ 4020/6 A100 (2 products per display)	47800141	4007220022504	4	\$70.31	
60 x 50	POS PNZ 6050/6 A100 (1 product per display)	47800142	4007220022511	4	\$48.62	
COMBIDISC® Holders						
50	POS RM2 (50mm) (1 product per display)	47600070	4007220022818	4	\$20.57	
75	POS RM3 (75mm) (1 product per display)	47600071	4007220022825	4	\$21.46	
Fan Grinders - 6mm Shank						
30 x 15	POS F 3015/6 A 60 Grit (4 products per display)	47800131	4007220019153	4	\$27.72	
30 x 15	POS F 3015/6 A 80 Grit (4 products per display)	47800132	4007220019160	4	\$27.72	
40 x 20	POS F 4020/6 A 60 Grit (3 products per display)	47800133	4007220022214	4	\$26.94	
40 x 20	POS F 4020/6 A 80 Grit (3 products per display)	47800134	4007220022436	4	\$26.94	
50 x 30	POS F 5030/6 A 60 Grit (2 products per display)	47800135	4007220022443	4	\$23.48	
50 x 30	POS F 5030/6 A 80 Grit (2 products per display)	47800136	4007220022450	4	\$23.48	
60 x 30	POS F 6030/6 A 60 Grit (2 products per display)	47800137	4007220022467	4	\$24.37	
60 x 30	POS F 6030/6 A 80 Grit (2 products per display)	47800138	4007220022474	4	\$24.37	
Point-of-Sale Clam Shell Display Packaging						
COMBIDISC® Abrasive Discs - CDR A						
50	POS CDR 50 A 36 (5 products per pack)	47200072	4007220022528	1	\$14.98	
50	POS CDR 50 A 60 (5 products per pack)	47200073	4007220022535	1	\$14.98	
50	POS CDR 50 A 80 (5 products per pack)	47200074	4007220022542	1	\$14.98	
75	POS CDR 75 A 36 (5 products per pack)	47200084	4007220022689	1	\$19.01	
75	POS CDR 75 A 60 (5 products per pack)	47200085	4007220022696	1	\$19.01	
75	POS CDR75 A 80 (5 products per pack)	47200086	4007220022702	1	\$19.01	
COMBIDISC® Abrasive Discs - CDR Z						
50	POS CDR 50 Z 36 (5 products per pack)	47200075	4007220022559	1	\$20.34	
50	POS CDR 50 Z 60 (5 products per pack)	47200076	4007220022566	1	\$17.88	
50	POS CDR 50 Z 80 (5 products per pack)	47200077	4007220022580	1	\$17.88	
75	POS CDR 75 Z 36 (5 products per pack)	47200087	4007220022719	1	\$25.93	
75	POS CDR 75 Z 60 (5 products per pack)	47200088	4007220022726	1	\$23.92	
75	POS CDR 75 Z 80 (5 products per pack)	47200089	4007220022733	1	\$23.92	
COMBIDISC® Abrasive Discs - CDR Ceramic COOL (Top Size)						
50	POS CDR 50 CO-COOL 36 (5 products per pack)	47200078	4007220022597	1	\$21.80	
50	POS CDR 50 CO-COOL 60 (5 products per pack)	47200079	4007220022603	1	\$19.45	
50	POS CDR 50 CO-COOL 80 (5 products per pack)	47200080	4007220022610	1	\$19.01	
75	POS CDR 75 CO-COOL 36 (5 products per pack)	47200090	4007220022740	1	\$27.83	
75	POS CDR 75 CO-COOL 60 (5 products per pack)	47200091	4007220022757	1	\$25.93	
75	POS CDR 75 CO-COOL 80 (5 products per pack)	47200092	4007220022764	1	\$25.71	
COMBIDISC® Abrasive Discs - CD VRH (Surface Conditioning)						
50	POS CDR VRH 50 A 100 Coarse (5 products per pack)	47200081	4007220022641	1	\$15.65	
50	POS CDR VRH 50 A 180 Medium (5 products per pack)	47200082	4007220022658	1	\$15.65	
50	POS CDR VRH 50 A 240 Very Fine (5 products per pack)	47200083	4007220022665	1	\$15.65	
75	POS CDR VRH 75 A 100 Coarse (3 products per pack)	47200093	4007220022788	1	\$16.77	
75	POS CDR VRH 75 A 180 Medium (3 products per pack)	47200094	4007220022795	1	\$16.77	
75	POS CDR VRH 75 A 240 Very Fine (3 products per pack)	47200095	4007220022801	1	\$16.77	



In use in many industries

The use of efficient tools for surface finishing and cutting of materials is an important factor for economic value in many processes and industries.

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

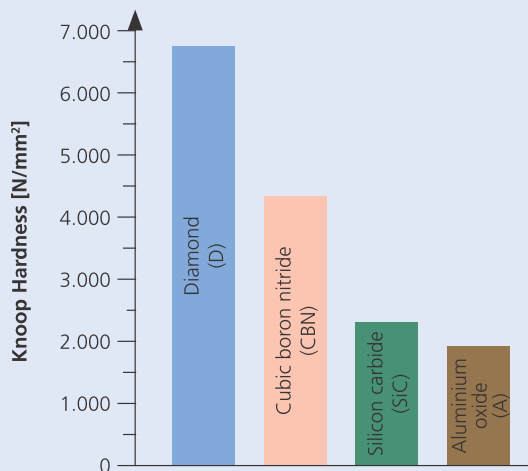
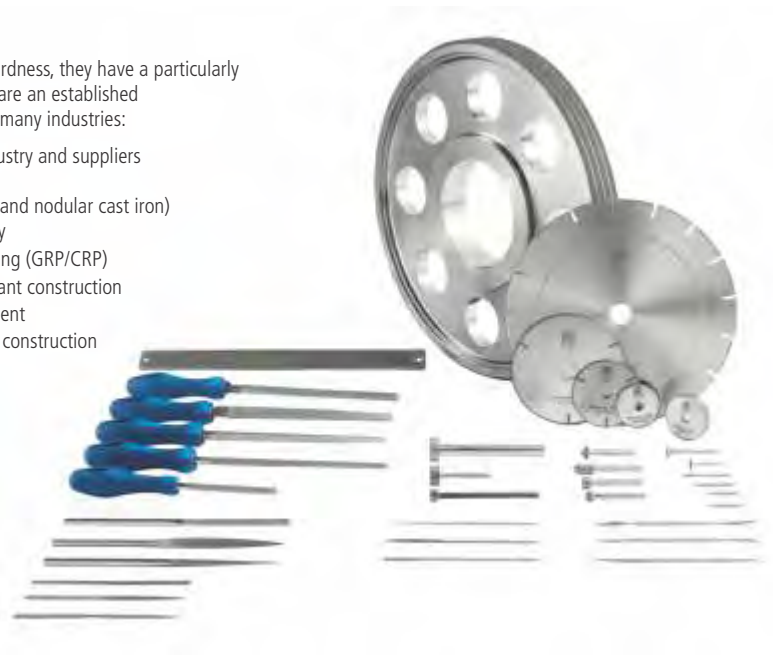
With their high hardness, they have a particularly long tool life and are an established problem-solver in many industries:

- 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

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 some 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.



Superhard abrasives

Diamond and CBN form the group of superhard abrasives.

Diamond is the hardest naturally occurring solid. It consists of pure carbon in crystalline structure. For grinding tools, the diamonds used are generally synthetic, produced at very high temperatures under high pressure. The 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.

Colour coding system

Using the colour coding system, you recognize straightaway the abrasive of the tool.



Diamond

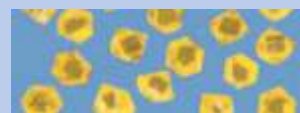
- Duroplastics, in particular with glass or carbon fibre reinforcement (GRP, CRP)
- Ferrite (magnetic material)
- Glass
- Graphite and synthetic carbon
- Grey and nodular cast iron
- Tungsten carbide
- Nickel- or titanium-based superalloys
- Technical ceramics
- Wear-resistant coatings (powder metal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

CBN

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

Diamond = blue

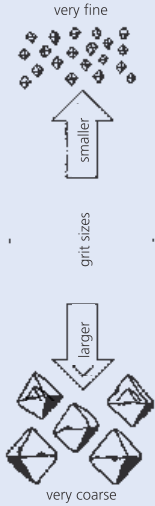
CBN = red



Grit sizes

The grit size data for diamond and CBN tools relate 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 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 size designation [μm] ISO 6106 (FEPA standard)		Equivalent US mesh number/inch US Mesh Size
	Diamond	CBN	
Micro-grit 	D 25	-	-
	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






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] ►			5	10	15	20	25	30	35	40	45	...	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					
Metal bond	Diamond	Dry grinding		10–15 m/s									
		Wet grinding				15–30 m/s							
	CBN	Wet grinding					25–30 m/s						
Ceramic bond	CBN	Wet grinding							30–80 m/s				

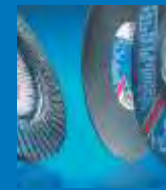
PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE
Diamond Cut-Off Wheels	67	Diamond Cup Wheels	68	Diamond Tools	69
General Purpose - Segmented Type DS	67	Single Row	68	Diamond Handy Files	69
General Purpose - Turbo Type DG	67	Double Row	68	Diamond Handy File Set	69
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General Purpose - Asphalt Type DS-AS	67	Diamond Pin Drills	68	Diamond Needle File Sets	70
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		Diamond Core Drills	68	Diamond Grinding Points - 3mm Shank	70

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 PSF	68300037	4007220820339	1	\$10.91	
115 (4 1/2")	DS 115 x 1.6 x 22.23 PSF	68300044	4007220833117	1	\$12.80	
125 (5")	DS 125 x 1.6 x 22.23 PSF	68300045	4007220833124	1	\$14.59	
178 (7")	DS 178 x 2.0 x 22.23 PSF	68300038	4007220820346	1	\$21.93	
230 (9")	DS 230 x 2.3 x 22.23 PSF	68300039	4007220820353	1	\$32.43	
350 (14")	DS 350 x 3.2 x 25.4 PSF	68300047	4007220881491	1	\$168.00	
400 (16")	DS 400 x 3.2 x 25.4 PSF	68300054	4007220069875	1	\$220.00	
450 (18")	DS 450 x 3.2 x 25.4 PSF	68300055	4007220069882	1	\$285.00	
General Purpose - Turbo Type DG						
100 (4")	DG 100 x 1.9 x 16.0 PSF	68300036	4007220820322	1	\$9.87	
115 (4 1/2")	DG 115 x 1.9 x 22.23 PSF	68300042	4007220833094	1	\$13.96	
125 (5")	DG 125 x 1.9 x 22.23 PSF	68300043	4007220833100	1	\$15.22	
178 (7")	DG 178 x 2.2 x 22.23 PSF	68300048	4007220909409	1	\$26.70	
230 (9")	DG 230 x 2.6 x 22.23 PSF	68300050	4007220000106	1	\$35.16	
General Purpose - Continuous Rim Type DG-FL						
100 (4")	DG 100 x 1.6 x 16.0 FL PSF	68300035	4007220820315	1	\$9.34	
115 (4 1/2")	DG 115 x 1.6 x 22.23 FL PSF	68300040	4007220833070	1	\$10.50	
125 (5")	DG 125 x 1.6 x 22.23 FL PSF	68300041	4007220833087	1	\$12.07	
General Purpose - Asphalt Type DS-AS						
300 (12")	DS 300 x 2.8 x 20/25.4 AS PSF	N! 68300058	4007220069912	1	\$136.00	
350 (14")	DS 350 x 3.2 x 25.4 AS PSF	N! 68300059	4007220069929	1	\$168.00	
400 (16")	DS 400 x 2.8 x 25.4 AS PSF	N! 68300060	4007220069936	1	\$220.00	
450 (18")	DS 450 x 2.8 x 25.4 AS PSF	N! 68300061	4007220069950	1	\$285.00	

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	N!	68300063	4007220069974	1	\$46.00	
115 (4 1/2")	DCW 1R 115 x 6 x 22,23 PSF	N!	68300064	4007220069981	1	\$52.00	
125 (5")	DCW 1R 125 x 6 x 22,23 PSF	N!	68300065	4007220069998	1	\$52.00	
Double Row							
100 (4")	DCW 2R 100 x 6 x 16/22,23 PSF	N!	68300066	4007220070000	1	\$54.00	
115 (4 1/2")	DCW 2R 115 x 6 x 22,23 PSF	N!	68300067	4007220070017	1	\$69.00	
125 (5")	DCW 2R 125 x 6 x 22,23 PSF	N!	68300068	4007220070024	1	\$72.00	
Diamond Drills							
Diamond Pin Drills							
5	DPD 5 FLPSF	N!	68300091	4007220070260	1	\$40.00	
6	DPD 6 FL PSF	N!	68300092	4007220070277	1	\$41.00	
8	DPD 8 FL PSF	N!	68300093	4007220070284	1	\$42.00	
10	DPD 10 FL PSF	N!	68300094	4007220070291	1	\$44.00	
12	DPD 12 PSF	N!	68300095	4007220070307	1	\$44.00	
Centering Device							
	DPD 5-12 FL	N!	68300096	4007220070321	1	\$70.00	
Diamond Core Drills							
20	DCD 20 M14	N!	68300075	4007220070093	1	\$80.00	
22	DCD 22 M14	N!	68300076	4007220070109	1	\$81.00	
25	DCD 25 M14	N!	68300077	4007220070116	1	\$82.50	
27	DCD 27 M14	N!	68300078	4007220070123	1	\$83.50	
30	DCD 30 M14	N!	68300079	4007220070130	1	\$87.00	
32	DCD 32 M14	N!	68300080	4007220070147	1	\$95.00	
35	DCD 35 M14	N!	68300081	4007220070154	1	\$98.00	
38	DCD 38 M14	N!	68300082	4007220070161	1	\$106.00	
40	DCD 40 M14	N!	68300083	4007220070178	1	\$107.00	
45	DCD 45 M14	N!	68300084	4007220070185	1	\$112.00	
51	DCD 51 M14	N!	68300085	4007220070192	1	\$136.00	
55	DCD 55 M14	N!	68300086	4007220070215	1	\$138.00	
60	DCD 60 M14	N!	68300087	4007220070222	1	\$164.00	
65	DCD 65 M14	N!	68300088	4007220070239	1	\$172.00	
68	DCD 68 M14	N!	68300089	4007220070246	1	\$178.00	
70	DCD 70 M14	N!	68300090	4007220070253	1	\$180.00	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Diamond Tools						
Diamond Handy Files						
215	DF 2601 D 126 (hand)	15430202	4007220017302	1	\$100.31	
215	DF 2602 D 126 (half round)	15431202	4007220017319	1	\$100.31	
215	DF 2607 D 126 (3 square)	15432202	4007220017326	1	\$100.31	
215	DF 2607 D 181 (3 square)	15432203	4007220535479	1	\$100.31	
215	DF 2608 D 126 (square)	15433202	4007220017333	1	\$88.54	
215	DF 2610 D 126 (round)	15434202	4007220017340	1	\$88.54	
Diamond Handy File Set						
215	DF 2627 D 126	15826272	4007220017357	1	\$477.21	
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	\$37.28	
140	DF 4112 D 126 (hand)	15101062	4007220016671	1	\$33.22	
140	DF 4112 D 181 (hand)	15101063	4007220016688	1	\$41.74	
140	DF 4112R D 126 (hand round edges)	15102062	4007220016701	1	\$33.22	
140	DF 4122 D 91 (flat)	15103061	4007220016725	1	\$37.28	
140	DF 4122 D 126 (flat)	15103062	4007220016732	1	\$33.22	
140	DF 4132 D 126 (3 square)	15104062	4007220016763	1	\$33.22	
140	DF 4142 D 126 (square)	15105062	4007220016794	1	\$33.22	
140	DF 4152 D 91 (half round)	15106061	4007220016817	1	\$37.28	
140	DF 4162 D 91 (round)	15107061	4007220016848	1	\$37.28	
140	DF 4162 D 126 (round)	15107062	4007220016855	1	\$33.22	
140	DF 4162 D 181 (round)	15107063	4007220016862	1	\$41.74	
140	DF 4172 D 126 (knife)	15108062	4007220016886	1	\$33.22	
140	DF 4182 D 126 (feather edge)	15109062	4007220016916	1	\$33.22	
140	DF 4102T D 126 (barrette)	15100062	4007220016640	1	\$33.22	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Diamond Tools						
Diamond Needle File Sets						
140	DF 4205 D 91	15842051	4007220017371	1	\$185.49	
140	DF 4205 D 126	15842052	4007220017388	1	\$165.32	
Contents:	1 pc each of DF 4112 (hand) DF 4132 (three square) DF 4142 (square) DF 4152 (half round) DF 4162 (round)					
140	DF 4211 D 126	15842112	4007220017418	1	\$363.71	
Contents:	1 pc each of 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	15816242	4007220355381	1	\$257.88	
Contents:	1 pc each of DF 16 (crossing oval) DF 18 (hand) DF 20 (square) DF 22 (three square) DF 24 (round)					
Diamond Grinding Points - 3mm Shank						
2 x 4	DZY-A 2.0-4/3 D126	36002010	4007220119181	1	\$52.63	 DZYA DKUA
3 x 4	DZY-A 3.0-4/3 D126	36003010	4007220119204	1	\$57.97	
1	DKU-A 1.0/3 D126	36201010	4007220258637	1	\$54.85	
2	DKU-A 2.0/3 D126	36202010	4007220258668	1	\$58.18	
3	DKU-A 3.0/3 D126	36203010	4007220258699	1	\$59.80	



PFERD quality

PFERD grinding and cut-off wheels are developed, manufactured and tested to the highest quality standards. The standard-compliant dimensional stability indicates the comprehensive PFERD quality.

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

PFERD quality management is certified according to ISO 9001.



PFERD packaging

PFERD supplies grinding and cut-off wheels in sturdy industrial packaging that protects the tools from damage. For packaging units, please refer to the product tables. Important information, such as article number, description, EAN code and technical information can be found on the packaging labels.



PFERD support and training

PFERD offers you individual targeted support to solve your application problems. PFERD's experienced sales representatives and technical advisors 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. Through the successively built-up blocks of seminars, you will become a PFERD tool specialist.



Products made to order

If you cannot find the solution for your particular application in our product range, we can produce grinding and cut-off wheels in premium PFERD quality on request, tailor-made to meet the requirements of your job.

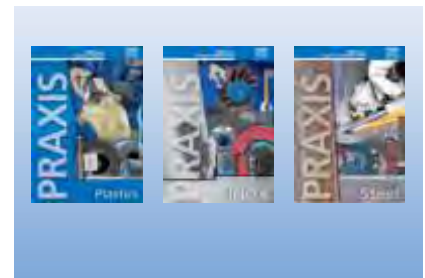
Taking into account the material to be worked and the given application, we offer individual and effective advice with the aim of finding the best and most economical solution for you.



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.



PFERD PRAXIS

PFERD PRAXIS brochures contain much valuable information on material properties, as well as tips and tricks on the use of PFERD tools.



PFERDVIDEO

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

PFERDERGONOMICS®

The **PFERDERGONOMICS®** programme aims at the long-term reduction of dust, noise and vibration levels produced by tools, and on perceptibly increasing tool haptics. The focus is on people.

Recognize straight away the areas where our tools offer you advantages.

Tools with **PFERDERGONOMICS®** properties are marked with corresponding pictograms.



For more information and appropriate PFERD tools, see the brochure 'PFERDERGONOMICS® – The focus is on people'.



PFERD grinding and cut-off wheels help reduce hazardous vibration and noise of the working process. The requirements of ISO 6103 are met.

For more information, see the brochure 'Health and safety at the workplace – noise and vibration limits'.

Grinding & Polifan® Wheels

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:



Universal line PS-FORTE

General use in industry and trades



Performance line SG-ELASTIC

Widest range of tools for professional use in industry and trades



Special line SG-PLUS

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.

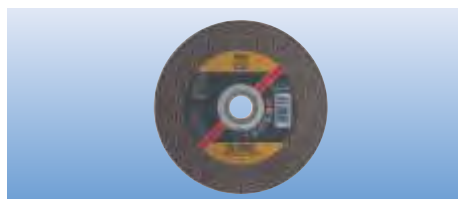
The wide range of high-grade abrasive flap types and proven special-purpose versions available from PFERD meet the demands of the most exacting and difficult grinding tasks while reflecting the specific properties of each material.

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.



Universal line PS-FORTE

General use in industry and trades



Performance line SG-ELASTIC

Widest range of tools for professional use in industry and trades



Special line SG-PLUS

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.

Maximum operating speed

The maximum operating speed [m/s] is indicated by a colour bar on the product labels and product packaging, in accordance with the specifications of EN 12413, EN 13743 and EN 13236. The maximum permissible rotational speed specification applies to the nominal diameter of the unused grinding tools.

Maximum operating speed	Colour bar
50 m/s	blue
63 m/s	yellow
80 m/s	red
100 m/s	green

Safety standards

Grinding and cut-off wheels made by PFERD conform to the most exacting safety requirements and are marked according to the following key European and international safety standards:

- EN 12413 for grinding tools with bonded abrasives
- EN 13236 for grinding tools with diamond or boron nitrate
- EN 13743 for abrasives on backing material
- ANSI B7.1 / OSHA regulations
- AS 1788.2

Grinding safety

Abrasive manufacturers, machine producers and users all contribute to grinding safety.

All PFERD tools are built to meet the prescribed safety codes. The user, however, is responsible for proper handling of the tool drive and correct use and application of the grinding tool.

Do you have any questions on grinding safety? PFERD will be glad to provide advice and support, whether through seminars at our PFERD Training or on-site via our sales representative.

PFERD is a long-standing member of oSa

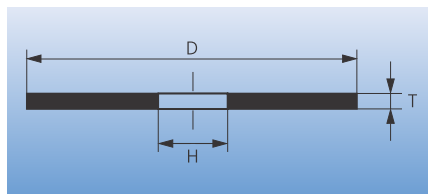
Together with other manufacturers, PFERD has voluntarily undertaken to produce quality tools conforming to the most exacting safety standards.

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

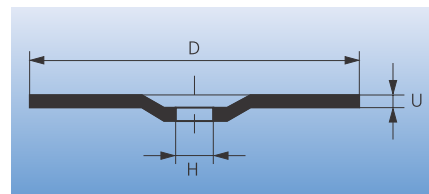


Dimensions

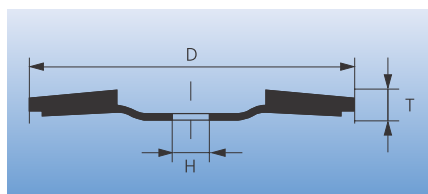
The following abbreviations are used in drawings and tables: D (= Outer diameter), T or U (= Width), H (= Centre hole), W (= Wall thickness) and J (= Smallest diameter).



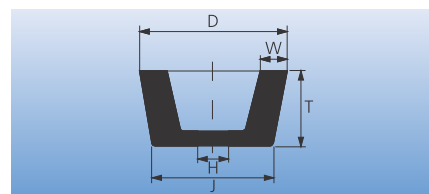
Flat type



Depressed-centre type



Conical type



Cup wheel, tapered type

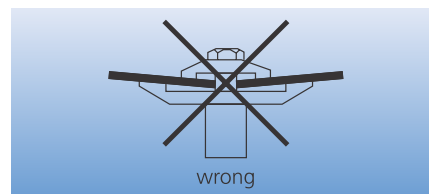
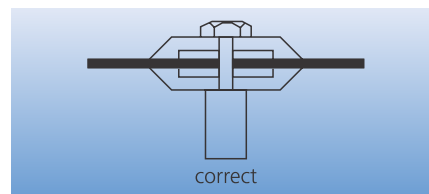
Safety notes

-  = Wear eye protection!
-  = Wear hearing protection!
-  = Wear a respirator!
-  = Not permitted for circumferential grinding!
-  = Wear gloves!
-  = Read the safety instructions!
-  = Observe the minimum blade angle on reinforced grinding wheels!
-  = Do not use if damaged!

Mounting system

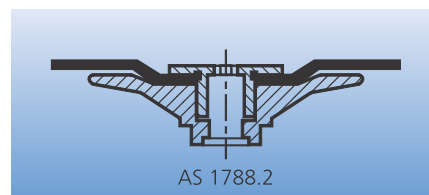
The safe use of PFERD tools is highly dependent on the mounting system.

Both flanges clamping a grinding tool must always have matching support diameters (according to EN 60745-2-3, EN 60745-2-22, ISO 11148-7, ANSI B7.1, AS 1788.1).



Adapter for reinforced grinding wheels

In some countries, specific requirements apply with regard to the use of special flange or adapter systems on 178 and 230 mm dia. reinforced grinding wheels.



PFERD description

E 178-7 A 30 N SG-INOX/22.23
1 2 3 4 5 6 7 8 9

1. Designation and shape of the tool

- E = Reinforced grinding wheel
- ER = Ring wheel
- FD = Flexible grinding disc
- ETT = Cup wheel
- CC-GRIND® = Innovative grinding disc

2. Outer diameter

Outer dia. D in [mm]

3. Wheel width

Width T/U in [mm]

4. Abrasive

- A = Aluminium oxide
- AC = Aluminium oxide/silicon carbide
- C = Silicon carbide
- CO = Ceramic grit
- ZA = Zirconia alumina/aluminium oxide

5. Grit size

Grit size according to ISO 8486

6. Hardness grade (wheel characteristics)

Hardness grade	Wheel characteristics	Material groups
Universal line PS-FORTE (PSF)		
K	very soft	Steel
L	soft	Steel/stainless steel (INOX)
M	soft	Stainless steel (INOX)
P	medium-hard	Steel/cast iron
Performance line SG-ELASTIC (SG)		
H	very soft	Steel/stainless steel (INOX)
N	soft	Stainless steel (INOX)/ALU
O	medium-hard	Aluminium
Q	medium-hard	Stone/cast iron
R	hard	Steel
S	hard	Scale, cast iron
Special line SG-PLUS (SGP)		
R	hard	Steel
T	very hard	Scale, cast iron

7. PFERD product lines

- Universal line PS-FORTE (general)
- Performance line SG-ELASTIC (premium)
- Special line SG-PLUS (premium)

8. Material group

See also point 6

Designation according to EN 12413

27 A 30 N BF 80
1 2 3 4 5 6

1. Designation and shape of the tool

- 1 = Grinding wheel, flat type
- 6 = Cylindrical cup wheels
- 11 = Cup wheel, tapered type
- 27 = Grinding wheel, depressed centre type
- 29 = Semi-flexible grinding wheel, depressed centre type

2. Abrasive

- A = Aluminium oxide
- AC = Aluminium oxide/silicon carbide
- C = Silicon carbide
- CO = Ceramic grit
- Z = Zirconia alumina
- ZA = Zirconia alumina/aluminium oxide

3. Grit size

Grit size according to ISO 8486

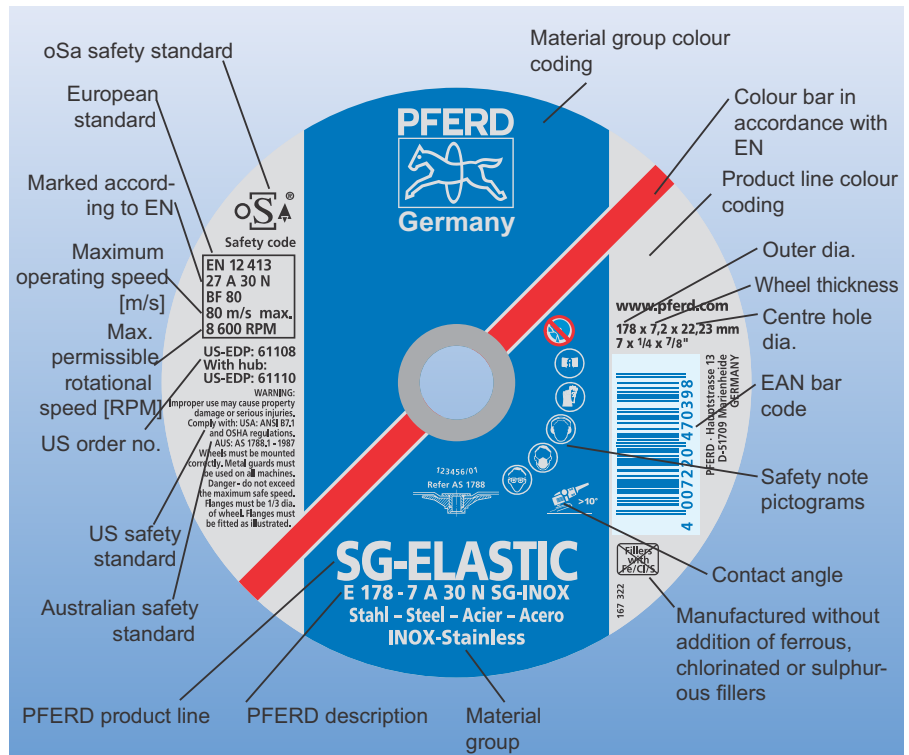
4. Hardness grade (wheel properties)

The hardness is graded from very soft to very hard by means of letters in alphabetically ascending order (A to Z).

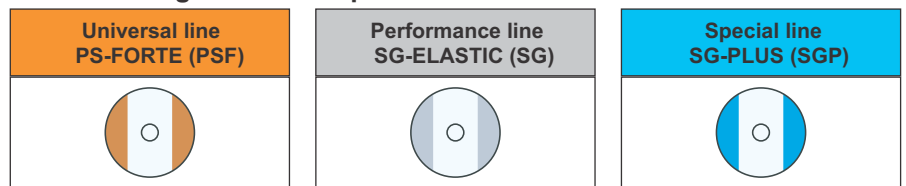
5. Bond

- BF = Resinoid bond, fibre-reinforced, woven or non-woven
- B = Resinoid bond and other duroplastic bonds

6. Max. operating speed in [m/s]



Colour coding of the three product lines



Colour coding for the recommended materials to be ground

Universal line PS-FORTE (PSF)		Performance line SG-ELASTIC (SG)		Special line SG-PLUS (SGP)	
Material = Colour		Material = Colour		Material = Colour	
	Steel/cast iron = black		Steel = black		Steel = black
	Stainless steel (INOX) = blue		Steel/stainless steel (INOX) = black/blue		Cast iron = red
	Steel/stainless steel (INOX) = black/blue		Stainless steel (INOX) = blue		
			Steel/cast iron = black/red		
			Stone/cast iron = green/red		
			Non-ferrous metals/aluminium = silver		
			Scale/cast iron/aluminium = silver/red		

PFERD description
EHT 178-1.6 A 46 Q SG-INOX
1 2 3 4 5 6 7 8

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. Disc width

Width T/U in [mm]

4. Abrasive

A = Aluminium oxide
AC = Aluminium oxide/silicon carbide
C = Silicon carbide
ZA = Zirconia alumina/aluminium oxide

5. Grit size

Grit size according ISO 8486

6. Hardness grade (disc properties)

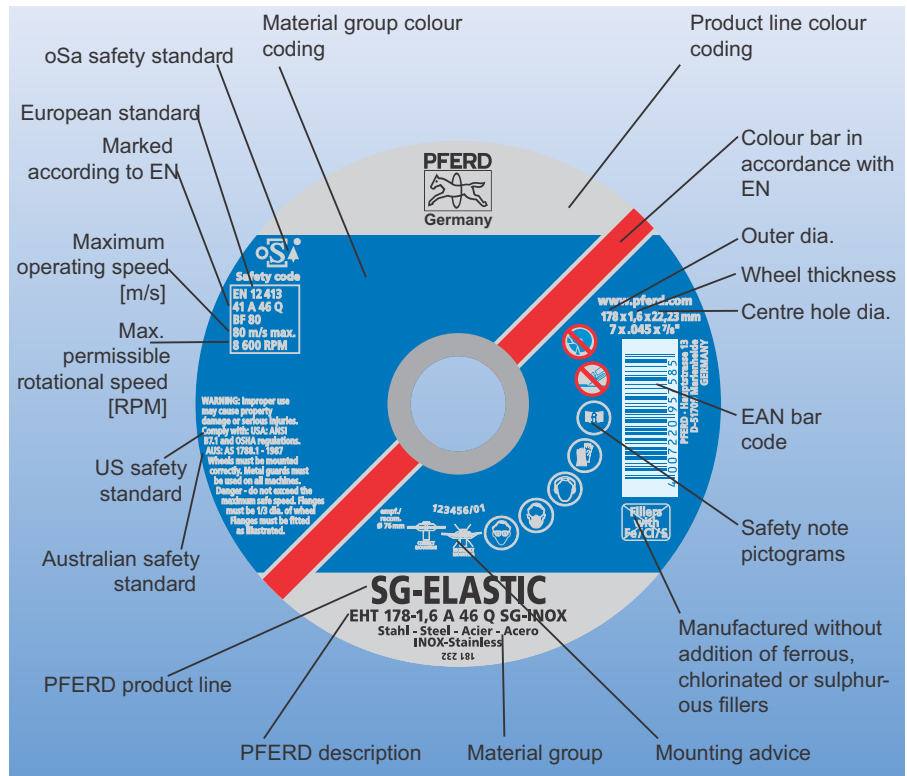
Hardness grade	Disc characteristics	Material groups
Universal line PS-FORTE (PSF)		
P	medium-hard	Steel, stainless steel (INOX), stone
Performance line SG-ELASTIC (SG)		
N	soft	Aluminium/non-ferr. metals
P	medium-hard	Steel, stainless steels (INOX), castings, non-ferr. metals
Q	medium-hard	(INOX) castings, castings
R	hard	Stainless steel (INOX), stone
S	hard	Steel
Special line SG-PLUS (SGP)		
Q	medium-hard	(INOX) castings
S	hard	Stainless steel (INOX)
T	very hard	Steel

7. PFERD product line

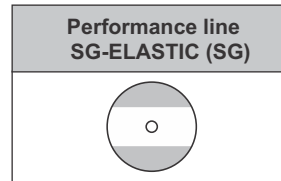
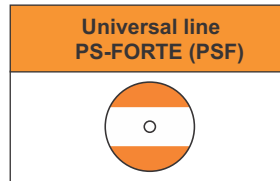
Universal line PS-FORTE (general)
Performance line SG-ELASTIC (premium)
Special line SG-PLUS (premium)

8. Material group

INOX
INOX casting
ALU



Colour coding of the three product lines



Colour coding for the recommended materials to be cut

Universal line PS-FORTE (PSF)	
Material = Colour	
	Steel black
	Stainless steel (INOX) blue
	Non-ferrous metals/ aluminium/ stone silver/green

Performance line SG-ELASTIC (SG)	
Material = Colour	
	Steel black
	Stainless steel (INOX) blue
	INOX castings blue/red
	Cast iron red
	Stone/cast iron green/red
	Stone green
	Non-ferrous metals/ aluminium silver

Special line SG-PLUS (SGP)	
Material = Colour	
	Steel black
	Stainless steel (INOX) blue
	INOX castings blue/red
	Cast iron red

Designation according to EN 12413
41 A 46 R BF 80
1 2 3 4 5 6

1. Designation and shape of the tool

41 = Flat type
42 = Depressed centre type

2. Abrasive

A = Aluminium oxide
C = Silicon carbide
Z = Zirconia alumina
ZA = Zirconia alumina/aluminium oxide

3. Grit size

Grit size according to ISO 8486

4. Hardness grade (disc properties)

The hardness is graded from soft to hard by means of letters in alphabetically ascending order (A to Z).

5. Bond






BF = Fibre-reinforced resinoid bond, woven or non-woven






















6. Max. operating speed in [m/s]


PRODUCT DESCRIPTION	PAGE
Grinding Wheels - General Purpose	76
Depressed Centre Grinding Wheels - GP - Steel	76
Depressed Centre Grinding Wheels - GP (Soft) Steel/INOX	76
Depressed Centre Grinding Wheels - GP - Stone	76
Grinding Wheels - Premium	77
Depressed Centre Premium Grinding Wheels - Steel	77
Depressed Centre Premium Grinding Wheels - INOX	77
Depressed Centre Premium Grinding Wheels - Zirconia	77
Depressed Centre Premium Ceramic Grinding Wheels	77
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Flat Cut-Off Wheels - General Purpose - Steel - Ultra Thin	78
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Flat Cut-Off Wheels - General Purpose - INOX	78
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Cut-Off Wheels - Premium	79
Flat Cut-Off Wheels - Premium - Steel	79
Flat Cut-Off Wheels - Premium - INOX	79








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Flat Cut-OffWheels - Premium - Aluminium - Ultra Thin	79
Small Diameter Cut-Off Wheels - Steel/INOX	79
Arbors for Small Diameter Cut-Off Wheels	79
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Flat Cut-Off Wheels - Premium - INOX - Ultra Thin	80
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Raised Hub Cut-Off Wheels - General Purpose	80
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Raised Hub Cut-Off Wheels - Premium	80
Raised Hub Cut-Off Wheels - Premium - Steel	80
Raised Hub Cut-Off Wheels - Premium - Pipe Notching	80
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Premium SG - COOL - Aluminium Oxide Top Size	82
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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 A 30 P PS-Forte	62010634	4007220653944	25 \$2.57	
115 (4 1/2")	E 115 -7 A 30 P PS-Forte	62011634	4007220470510	10 \$3.58	
125 (5")	E 125 -7 A 30 P PS-Forte	62012634	4007220471142	10 \$3.79	
150 (6")	E 150 -7 A 30 P PS-Forte	62015628	4007220952726	10 \$7.91	
178 (7")	E 178 -7 A 30 P PS-Forte	62017634	4007220470527	10 \$7.29	
230 (9")	E 230 -7 A 30 P PS-Forte	62023634	4007220470541	10 \$8.89	
Depressed Centre Grinding Wheels - GP (Soft) - Steel/INOX					
100 (4")	E 100-6 A 24 L PS-Forte	62010720	4007220643273	10 \$3.64	
115 (4 1/2")	E 115-7 A 24 L PS-Forte	62011640	4007220640852	10 \$4.24	
125 (5")	E 125-7 A 24 L PS-Forte	62012640	4007220640883	10 \$4.24	
150 (6")	E 150-7 A 24 L PS-Forte	62015640	4007220641002	10 \$10.62	
178 (7")	E 178-7 A 24 L PS-Forte	N! 62017640	4007220640999	10 \$7.55	
230 (9")	E 230-7 A 24 L PS-Forte	62023640	4007220640951	10 \$10.01	
Depressed Centre Grinding Wheels - GP - Stone					
100 (4")	E 100-6 C 24 P PS-Forte	69900117	4007220817056	25 \$2.73	
115 (4 1/2")	E 115-6 C 24 P PS-Forte	69900118	4007220817063	25 \$3.45	
125 (5")	E 125-6 C 24 P PS-Forte	69900119	4007220817070	25 \$3.79	
230 (9")	E 230-6 C 24 P PS-Forte	69900121	4007220817094	10 \$10.36	


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 A 24 R SG/10.0	62208626	4007220471081	10	\$10.36	
100 (4")	E 100-4 A 24 R SG	62210426	4007220471104	10	\$9.12	
Depressed Centre Premium Grinding Wheels - INOX						
115 (4 1/2")	E 115-7 A 30 N SG-INOX	62211623	4007220470244	10	\$6.12	   
125 (5")	E 125-4 A 30 N SG-INOX	62212423	4007220457689	10	\$9.10	
125 (5")	E 125-7 A 30 N SG-INOX	62212623	4007220470251	10	\$6.98	
Depressed Centre Premium Grinding Wheels Zirconia - Steel/Cast Iron						
230 (9")	E 230-7 ZA 30 S SG	62223628	4007220470459	10	\$23.36	  
115 (4 1/2")	E 115-7 ZA 24 R SGP	62211737	4007220640913	10	\$6.93	
125 (5")	E 125-7 ZA 24 R SGP	62212737	4007220640920	10	\$7.76	
178 (7")	E 178-7 ZA 24 R SGP	62217737	4007220640937	10	\$13.26	
230 (9")	E 230-7 ZA 24 R SGP	69901573	4007220904459	10	\$20.54	
Depressed Centre Premium Ceramic Grinding Wheels						
115 (4 1/2")	E 115-7 CO24 Q SG	62211300	4007220007112	10	\$12.38	
125 (5")	E 125-7 CO24 Q SG	62212300	4007220007129	10	\$13.64	
178 (7")	E 178-7 CO 24 Q SG	62217300	4007220011690	10	\$20.68	
230 (9")	E 230-7 CO 24 Q SG	62218300	4007220019948	10	\$29.28	
Depressed Centre Whisper Grinding						
125 (5")	E 125-7 A 46 H SGP-WHISPER	62212848	4007220827512	10	\$16.63	  
Depressed Centre Premium Grinding Wheels - Aluminium						
115 (4 1/2")	E 115-7 A 24 N SG-ALU	62211622	4007220475393	10	\$7.29	
125 (5")	E 125-7 A 24 N SG-ALU	62212622	4007220475409	10	\$10.02	
178 (7")	E 178-7 A 24 N SG-ALU	62217622	4007220475416	10	\$11.54	
230 (9")	E 230-7 A 24 N SG-ALU	62223700	4007220617793	10	\$18.89	
Depressed Centre Whisper Grinding - Aluminium						
125 (5")	E 125-7 A 46 H SGP-WHISPER - ALU	62212858	4007220853450	10	\$18.60	  
Ring Wheels - Steel, INOX & Cast Iron						
40	ER 40-6 A 24 M SG/6.0	65304060	4007220165454	20	\$16.44	  
50	ER 50-6 A 24 M SG/6.0	65305060	4007220165461	20	\$17.18	
50	ER 50-10 A 24 M SG/10.0	65305101	4007220165492	20	\$21.83	
70	ER 70-10 A 24 M SG/10.0	65307101	4007220165515	20	\$26.37	
Arbors for Ring Wheels						
3-10	BO 6/6 3-10	42400006	4007220297650	1	\$30.58	
6-20	BO 8/10 6-20	42400008	4007220297667	1	\$37.11	


Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Grinding Wheels - Premium (continued)						
Flared Cup Wheels - Steel						
80	50 ETT 80-8 A 36 Q SG/22.23	63417122	4007220698419	5	\$27.19	
80	50 ETT 80-8 A 80 Q SG/22.23	63418702	4007220164785	5	\$27.19	
110	50 ETT 110-20 A 16 Q SG/22.23	63418222	4007220164730	2	\$38.56	
125	50 ETT 125-25 A 16 Q SG/M14	63418402	4007220164747	2	\$73.77	
Flared Cup Wheels - Stone						
80	50 ETT 80-8 C 80 Q SG/22.23	63588122	4007220164822	5	\$30.10	
110	50 ETT 110-20 C 16 Q SG/22.23	63518222	4007220164808	2	\$39.68	
110	50 ETT 110-20 C 30 Q SG/22.23	63538222	4007220164815	2	\$39.68	
Depressed Centre Grinding / Cut-Off Wheels - General Purpose						
DUODISC® - Cut & Grind (2 in 1 - Steel/INOX)						
100 (4")	E 100-1.9 A 46 P PSF-INOX-DUO	62010630	4007220845578	10	\$4.12	
115 (4 1/2")	E 115-1.9 A 46 P PSF-INOX-DUO	62011630	4007220835081	10	\$5.54	
125 (5")	E 125-1.9 A 46 P PSF-INOX-DUO	62012630	4007220835098	10	\$5.54	
115 (4 1/2")	E 115-2.8 A 46 P PSF-INOX-DUO	62011620	4007220754498	10	\$4.38	
125 (5")	E 125-2.8 A 46 P PSF-INOX-DUO	62012620	4007220754504	10	\$4.71	
178 (7")	E 178-3.5 A 24 P PSF-INOX-DUO	62017420	4007220952764	10	\$8.48	
Cut-Off Wheels - General Purpose						
Flat Cut-Off Wheels - General Purpose Steel Ultra Thin						
105 (4")	EHT 105-1.0 A 60 P PSF	69121029	4007220976135	25	\$2.81	
115 (4 1/2")	EHT 115-1.0 A 60 P PSF	61730010	4007220560242	25	\$3.12	
115 (4 1/2")	EHT 115-1.6 A 46 P PSF	61730021	4007220538111	25	\$3.30	
125 (5")	EHT 125-1.0 A 60 P PSF	61719010	4007220560259	25	\$3.12	
125 (5")	EHT 125-1.6 A 46 P PSF	61719021	4007220538128	25	\$3.30	
150 (6")	EHT 150-1.6 A 46 P PSF	61721221	4007220953341	25	\$4.55	
178 (7")	EHT 178-1.6 A 46 P PSF	61719121	4007220581209	25	\$5.39	
230 (9")	EHT 230-1.9 A 46 P PSF	61728231	4007220581339	25	\$7.29	
Flat Cut-Off Wheels - General Purpose (Steel)						
100 (4")	EHT 100-2.4 A 46 P PSF	61741116	4007220321256	25	\$2.73	
115 (4 1/2")	EHT 115-2.4 A 46 P PSF	61730026	4007220669174	25	\$3.13	
125 (5")	EHT 125-2.4 A 46 P PSF	61719026	4007220669167	25	\$3.13	
150 (6")	EHT 150-3.0 A 24 P PSF	69901139	4007220550267	25	\$3.97	
178 (7")	EHT 178-3.0 A 24 P PSF	61726222	4007220163474	25	\$4.58	
230 (9")	EHT 230-3.0 A 24 P PSF	61728222	4007220163498	25	\$4.64	
Flat Cut-Off Wheels - General Purpose (INOX)						
115 (4 1/2")	EHT 115-2.4 A 46 P PSF-INOX	61730122	4007220523025	25	\$3.24	
125 (5")	EHT 125-2.4 A 46 P PSF-INOX	61721122	4007220523049	25	\$3.51	
230 (9")	EHT 230-2.5 A 24 P PSF-INOX	61728122	4007220523087	25	\$5.50	
Flat Cut-Off Wheels - General Purpose (Stone)						
125 (5")	EHT 125-2.4 C 30 R SG	69902056	4007220662526	25	\$3.97	
178 (7")	EHT 178-3.2 C 24 P PSF	61826222	4007220163641	25	\$4.24	
230 (9")	EHT 230-3.2 C 24 P PSF	61828222	4007220163658	25	\$5.79	






Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Cut-Off Wheels - Premium						
Flat Cut-Off Wheels - Premium (Steel)						
100 (4")	EHT 100-2.4 A 46 S SG	61340116	4007220162590	25	\$3.13	
115 (4 1/2")	EHT 115-2.4 A 30 S SG	61340222	4007220162637	25	\$3.51	
125 (5")	EHT 125-2.4 A 30 S SG	61321222	4007220162231	25	\$3.64	
178 (7")	EHT 178-3.2 A 24 S SG	61326222	4007220162347	25	\$5.24	
230 (9")	EHT 230-3.2 A 24 S SG	61328222	4007220162422	25	\$7.11	
Flat Cut-Off Wheels - Premium (INOX)						
115 (4 1/2")	EHT 115-2.4 A 46 R SG-INOX	61340432	4007220522851	25	\$3.51	
125 (5")	EHT 125-2.4 A 46 R SG-INOX	61331432	4007220522875	25	\$3.64	
178 (7")	EHT 178-2.5 A 24 R SG-INOX	61326422	4007220162378	25	\$5.65	
230 (9")	EHT 230-2.5 A 24 R SG-INOX	61328422	4007220162446	25	\$8.22	
Flat Cut-Off Wheels - Premium (Aluminium)						
115 (4 1/2")	EHT 115-2.4 A 30 N SG-ALU	61340550	4007220617892	25	\$4.71	
125 (5")	EHT 125-2.4 A 30 N SG-ALU	61331550	4007220617786	25	\$4.71	
178 (7")	EHT 178-2.9 A 24 N SG-ALU	61326323	4007220538487	25	\$6.71	
230 (9")	EHT 230-2.9 A 24 N SG-ALU	61328323	4007220538524	25	\$10.74	
Flat Cut-Off Wheels - Premium (Aluminium - Ultra Thin)						
100 (4")	EHT 100-1.0 A 60 N SG ALU	61339430	4007220885222	25	\$3.90	
115 (4 1/2")	EHT 115-1.0 A 60 N SG ALU	61340415	4007220804964	25	\$4.63	
115 (4 1/2")	EHT 115-1.6 A 46 N SG ALU	61340425	4007220804988	25	\$4.63	
125 (5")	EHT 125-1.0 A 60 N SG ALU	61341115	4007220804995	25	\$4.87	
125 (5")	EHT 125-1.6 A 46 N SG ALU	61341225	4007220805008	25	\$4.87	
150 (6")	EHT 150-1.6 A 46 N SG ALU	61323116	4007220953426	25	\$5.27	
178 (7")	EHT 178-1.6 A 46 N SG ALU	61326119	4007220805015	25	\$5.91	
Small Diameter Cut-Off Wheels (Steel/INOX)						
30	EHT 30-1.1 A 60 P SG/6.0	65503010	4007220165621	50	\$4.71	
30	EHT 30-1.4 A 60 P SG/6.0	65503020	4007220165638	50	\$4.71	
40	EHT 40-1.1 A 60 P SG/6.0	65504010	4007220165645	50	\$4.97	
40	EHT 40-2.1 A 60 P SG/6.0	65504020	4007220165652	50	\$5.78	
50	EHT 50-1.1 A 60 P SG/6.0	65505000	4007220165669	50	\$5.78	
50	EHT 50-1.4 A 60 P SG/6.0	65505010	4007220165676	50	\$5.78	
50	EHT 50-2.1 A 46 P SG/6.0	65505020	4007220165683	50	\$5.78	
50	EHT 50-3.0 A 46 P SG/6.0	65505030	4007220165690	50	\$6.98	
65	EHT 65-1.1 A 60 P SG/6.0	65506000	4007220165706	50	\$6.22	
65	EHT 65-1.1 A 60 P SG/10.0	65506001	4007220165713	50	\$6.22	
65	EHT 65-1.4 A 60 P SG/10.0	65506011	4007220165720	50	\$6.22	
65	EHT 65-2.1 A 46 P SG/10.0	65506021	4007220165737	50	\$6.22	
70	EHT 70-1.1 A 60 P SG/10.0	65507001	4007220165751	50	\$6.22	
70	EHT 70-1.4 A 60 P SG/10.0	65507011	4007220165768	50	\$6.22	
70	EHT 70-2.1 A 46 P SG/10.0	65507021	4007220165775	50	\$6.22	
76	EHT 76-1.1 A 60 P SG/6.0	65508000	4007220165812	50	\$7.44	
76	EHT 76-1.1 A 60 P SG/10.0	65508001	4007220165829	50	\$7.44	
76	EHT 76-0.8 A 60 P SG/6.0	65508009	4007220849217	50	\$6.70	
76	EHT 76-0.8 A 60 P SG/10.0	65508008	4007220849200	50	\$6.70	
76	EHT 76-2.1 A 46 P SG/10.0	65508021	4007220165843	50	\$7.73	
Arbors for Small Diameter Cut-Off Wheels						
0-4	BO 6/6 0-4 (6mm Shank, 6mm Hole)	33510000	4007220219119	1	\$32.94	
0-4	BO 6.35/6 0-4 (1/4" Shank, 6mm Hole)	33511000	4007220219126	1	\$32.94	
0-4	BO 6/10 0-4 (6mm Shank, 10mm Hole)	33512000	4007220219140	1	\$32.94	
0-4	BO 6.35/10 0-4 (1/4" Shank, 10mm Hole)	33513000	4007220219133	1	\$38.54	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Cut-Off Wheels - Premium (continued)						
Flat Cut-Off Wheels - Trade INOX - Ultra Thin						
125 (5")	EHT 125-1.0 A 60 P 1.0MM-BOX (10 TIN PK) N!	69121041	4007220025314	100	\$2.94	
Flat Cut-Off Wheels - Premium (INOX - Ultra Thin)						
105 (4")	EHT 105-1.0 A 60 R SG-INOX	61315113	4007220953372	25	\$3.53	
115 (4 1/2")	EHT 115-1.0 A 60 R SG-INOX	61340412	4007220499702	25	\$3.84	
125 (5")	EHT 125-1.0 A 60 R SG-INOX	61341112	4007220499733	25	\$3.99	
125 (5")	EHT 125-1.0 A 60 R SG-INOX (100 BLOCK PK)	69902528	9324922019997	100	\$3.99	
115 (4 1/2")	EHT 115-1.6 A 46 R SG-INOX	61340422	4007220355442	25	\$3.84	
125 (5")	EHT 125-1.6 A 46 R SG-INOX	61341122	4007220355459	25	\$3.99	
150 (6")	EHT 150-1.6 A 46 R SG-INOX	61342122	4007220581179	25	\$6.35	
178 (7")	EHT 178-1.6 A 46 S SGP-INOX	61343122	4007220357873	25	\$6.27	
230 (9")	EHT 230-1.9 A 46 S SGP-INOX	61328702	4007220522776	25	\$10.34	
230 (9")	EHT 230-1.9 A 46 R SG-INOX	61328430	4007220807736	25	\$7.85	
Flat Cut-Off Wheels - Premium (INOX - Extra Slim)						
100 (4")	EHT 100-0.8 A 60 S SGP-INOX X-SLIM	61339494	4007220845103	25	\$5.91	
115 (4 1/2")	EHT 115-0.8 A 60 S SGP-INOX X-SLIM	61340394	4007220835357	25	\$6.02	
125 (5")	EHT 125-0.8 A 60 S SGP-INOX X-SLIM	61341094	4007220835364	25	\$6.65	
Raised Hub Cut-Off Wheels - General Purpose						
Raised Hub Cut-Off Wheels - General Purpose (Steel)						
100 (4")	EH 100-2.4 A 46 P PSF	61739116	4007220163511	25	\$2.92	
115 (4 1/2")	EH 115-2.4 A 46 P PSF	61740122	4007220163528	25	\$3.24	
125 (5")	EH 125-2.4 A 46 P PSF	61720222	4007220163429	25	\$3.51	
125 (5")	EH 125-3.2 A 46 P PSF	61720226	4007220523001	25	\$3.58	
178 (7")	EH 178-3.0 A 24 P PSF	61723222	4007220163436	25	\$4.83	
230 (9")	EH 230-3.0 A 24 P PSF	61724222	4007220163450	25	\$5.50	
Raised Hub Cut-Off Wheels - Premium						
Raised Hub Cut-Off Wheels - Premium (Steel)						
100 (4")	EH 100-2.4 A 46 S SG	61339116	4007220162576	25	\$4.25	
115 (4 1/2")	EH 115-2.4 A 30 S SG	61340122	4007220162606	25	\$3.51	
125 (5")	EH 125-2.4 A 30 S SG	61320222	4007220162217	25	\$3.64	
178 (7")	EH 178-3.2 A 24 S SG	61323222	4007220162262	25	\$5.50	
230 (9")	EH 230-3.2 A 24 S SG	61324222	4007220162309	25	\$7.55	
Raised Hub Cut-Off Wheels - Premium Pipe Notching (INOX/Steel)						
125 (5")	EH 125-3.2 A 46 R SG-INOX Notching	69900064	4007220790861	20	\$4.58	
178 (7")	EH 178-4.6 A 24 M PSF-INOX Pipe	62017520	4007220807781	10	\$11.55	
Raised Hub Cut-Off Wheels - Premium (INOX)						
100 (4")	EH 100-2.4 A 46 R SG-INOX	69901433	4007220704752	25	\$3.51	
115 (4 1/2")	EH 115-2.4 A 46 R SG-INOX	61340123	4007220162613	25	\$3.64	
125 (5")	EH 125-2.4 A 46 R SG-INOX	61341222	4007220162651	25	\$4.12	
178 (7")	EH 178-2.5 A 24 R SG-INOX	61323223	4007220162279	25	\$6.37	
230 (9")	EH 230-2.5 A 24 R SG-INOX	61324223	4007220162316	25	\$8.38	
Raised Hub Cut-Off Wheels - Premium (Cast Iron)						
230 (9")	EH 230-3.2 A C 24 Q SG	61324802	4007220522929	25	\$9.10	











Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Flexible Grinding Wheels						
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	\$3.51	 
100 (4")	FD 100-3 AC 46 H PSF-FLEX	62051046	4007220724118	20	\$3.51	
100 (4")	FD 100-3 AC 60 H PSF-FLEX	62051060	4007220724125	20	\$3.51	
115 (4 1/2")	FD 115-3 AC 36 H PSF-FLEX	62051136	4007220724132	25	\$4.47	
115 (4 1/2")	FD 115-3 AC 46 H PSF-FLEX	62051146	4007220724149	25	\$4.47	
115 (4 1/2")	FD 115-3 AC 60 H PSF-FLEX	62051160	4007220724156	25	\$4.47	
125 (5")	FD 125-3 AC 36 H PSF-FLEX	62051236	4007220724163	25	\$4.83	
125 (5")	FD 125-3 AC 46 H PSF-FLEX	62051246	4007220724170	25	\$4.83	
125 (5")	FD 125-3 AC 60 H PSF-FLEX	62051260	4007220724187	25	\$4.83	
180 (7")	FD 180-3 AC 36 H PSF-FLEX	62051836	4007220724194	25	\$6.31	
180 (7")	FD 180-3 AC 46 H PSF-FLEX	62051846	4007220724200	25	\$6.31	
180 (7")	FD 180-3 AC 60 H PSF-FLEX	62051860	4007220724217	25	\$6.31	
SUPERFLEX Flexible Discs (Semi-Flexible Type Discs) 100mm - Fibre Backed, all others fibre glass backed.						
100 (4")	SUPERFLEX FLEX DISCS 100 x C16	N! 75600558	9324922019621	5	\$4.93	 
100 (4")	SUPERFLEX FLEX DISCS 100 x C24	N! 75600559	9324922019638	5	\$4.93	
100 (4")	SUPERFLEX FLEX DISCS 100 x C36	N! 75640076	9324922019720	5	\$4.93	
115 (4 1/2")	SUPERFLEX SPECIAL DISCS 115 x C16	N! 75600560	9324922019645	5	\$6.19	
115 (4 1/2")	SUPERFLEX SPECIAL DISCS 115 x C24	N! 75600561	9324922019652	5	\$6.19	
115 (4 1/2")	SUPERFLEX SPECIAL DISCS 115 x C36	N! 75640077	9324922019614	5	\$6.19	
125 (5")	SUPERFLEX SPECIAL DISCS 125 x C16	N! 75600562	9324922019669	5	\$7.45	
125 (5")	SUPERFLEX SPECIAL DISCS 125 x C24	N! 75600563	9324922019676	5	\$7.45	
125 (5")	SUPERFLEX SPECIAL DISCS 125 x C36	N! 75600564	9324922019683	5	\$7.45	
178 (7")	SUPERFLEX SPECIAL DISCS 178 x C16	N! 75600565	9324922019690	5	\$9.97	
178 (7")	SUPERFLEX SPECIAL DISCS 178 x C24	N! 75600566	9324922019706	5	\$9.97	
178 (7")	SUPERFLEX SPECIAL DISCS 178 x C36	N! 75600567	9324922019713	5	\$9.97	
POLIFAN® (Flap Discs)						
General Purpose PSF Aluminium Oxide (Steel/INOX)						
115 (4 1/2")	PFC 115 A 40 PSF	67744115	4007220444559	10	\$11.24	 
115 (4 1/2")	PFC 115 A 60 PSF	67746115	4007220444566	10	\$11.24	
115 (4 1/2")	PFC 115 A 80 PSF	67748115	4007220444573	10	\$11.24	
115 (4 1/2")	PFC 115 A 120 PSF	67749115	4007220444580	10	\$11.24	
125 (5")	PFC 125 A 40 PSF	67744125	4007220444603	10	\$12.34	
125 (5")	PFC 125 A 60 PSF	67746125	4007220444610	10	\$12.34	
125 (5")	PFC 125 A 80 PSF	67748125	4007220444627	10	\$12.34	
125 (5")	PFC 125 A 120 PSF	67749125	4007220444634	10	\$12.34	
180 (7")	PFC 180 A 40 PSF	67744185	4007220444689	10	\$17.74	
180 (7")	PFC 180 A 60 PSF	67746185	4007220444696	10	\$17.74	
General Purpose PSF Zirconia (Steel/INOX)						
100 (4")	PFC 100 Z 40 PSF	67764100	4007220953273	10	\$11.24	 
100 (4")	PFC 100 Z 60 PSF	67766100	4007220953280	10	\$11.24	
100 (4")	PFC 100 Z 80 PSF	67768100	4007220953297	10	\$11.24	
100 (4")	PFC 100 Z 120 PSF	67769100	4007220953303	10	\$11.24	
115 (4 1/2")	PFC 115 Z 40 PSF	67770114	4007220096307	10	\$11.24	
115 (4 1/2")	PFC 115 Z 60 PSF	67770116	4007220096383	10	\$11.24	
115 (4 1/2")	PFC 115 Z 80 PSF	67770118	4007220096390	10	\$11.24	
115 (4 1/2")	PFC 115 Z 120 PSF	67769115	4007220934203	10	\$11.24	
125 (5")	PFC 125 Z 40 PSF	67770124	4007220096437	10	\$12.34	
125 (5")	PFC 125 Z 60 PSF	67770126	4007220096499	10	\$12.34	
125 (5")	PFC 125 Z 80 PSF	67770128	4007220096635	10	\$12.34	
125 (5")	PFC 125 Z 120 PSF	67769125	4007220934210	10	\$12.34	
180 (7")	PFC 180 Z 40 PSF	67770184	4007220096710	10	\$17.74	
180 (7")	PFC 180 Z 60 PSF	67770186	4007220096765	10	\$17.74	
180 (7")	PFC 180 Z 80 PSF	67768185	4007220934227	10	\$17.74	
180 (7")	PFC 180 Z 120 PSF	67769185	4007220934234	10	\$17.74	

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	67604100	4007220262719	10	\$13.30	 
100 (4")	PFF 100 A 60 SG	67606100	4007220262733	10	\$13.30	
100 (4")	PFF 100 A 80 SG	67608100	4007220262740	10	\$13.30	
100 (4")	PFF 100 A 120 SG	67612100	4007220262757	10	\$13.30	
115 (4 1/2")	PFC 115 A 40 SG	67704115	4007220167809	10	\$14.34	
115 (4 1/2")	PFC 115 A 60 SG	67706115	4007220167830	10	\$14.34	
115 (4 1/2")	PFC 115 A 80 SG	67708115	4007220167861	10	\$14.34	
115 (4 1/2")	PFC 115 A 120 SG	67712115	4007220167892	10	\$14.34	
125 (5")	PFC 125 A 40 SG	67704125	4007220167816	10	\$15.48	
125 (5")	PFC 125 A 60 SG	67706125	4007220167847	10	\$15.48	
125 (5")	PFC 125 A 80 SG	67708125	4007220167878	10	\$15.48	
125 (5")	PFC 125 A 120 SG	67712125	4007220167908	10	\$15.48	
180 (7")	PFC 180 A 24 SG	67702185	4007220167793	10	\$20.63	
180 (7")	PFC 180 A 40 SG	67704185	4007220167823	10	\$20.63	
180 (7")	PFC 180 A 60 SG	67706185	4007220167854	10	\$20.63	
180 (7")	PFC 180 A 80 SG	67708185	4007220167885	10	\$20.63	
180 (7")	PFC 180 A 120 SG	67712185	4007220167915	10	\$20.63	
Premium SG Zirconia (Steel/INOX)						
115 (4 1/2")	PFC 115 Z 40 SG - POWER	67784115	4007220167922	10	\$14.34	 
115 (4 1/2")	PFC 115 Z 60 SG - POWER	67786115	4007220167953	10	\$14.34	
115 (4 1/2")	PFC 115 Z 80 SG	67788116	4007220934241	10	\$14.34	
125 (5")	PFC 125 Z 40 SG - POWER	67784125	4007220167939	10	\$15.48	
125 (5")	PFC 125 Z 60 SG - POWER	67786125	4007220167960	10	\$15.48	
125 (5")	PFC 125 Z 80 SG	67788126	4007220934265	10	\$15.48	
180 (7")	PFC 180 Z 40 SG - POWER	67784185	4007220167946	10	\$24.08	
180 (7")	PFC 180 Z 60 SG - POWER	67786185	4007220167977	10	\$24.08	
180 (7")	PFC 180 Z 80 SG	67788181	4007220934289	10	\$24.08	
Premium SG COOL - Aluminium Oxide Top Size (ALU/INOX) - For Aluminium & Stainless Steel						
100 (4")	PFF 100 A 40 SG-COOL	67654100	4007220262764	10	\$14.48	 
100 (4")	PFF 100 A 60 SG-COOL	67656100	4007220262771	10	\$14.48	
100 (4")	PFF 100 A 80 SG-COOL	67658100	4007220262788	10	\$14.48	
115 (4 1/2")	PFC 115 A 40 SG-COOL	67754115	4007220232880	10	\$16.05	
115 (4 1/2")	PFC 115 A 60 SG-COOL	67756115	4007220232897	10	\$16.05	
115 (4 1/2")	PFC 115 A 80 SG-COOL	67758115	4007220232903	10	\$16.05	
125 (5")	PFC 125 A 40 SG-COOL	67754125	4007220232927	10	\$17.20	
125 (5")	PFC 125 A 60 SG-COOL	67756125	4007220232941	10	\$17.20	
125 (5")	PFC 125 A 80 SG-COOL	67758125	4007220232965	10	\$17.20	
180 (7")	PFC 180 A 40 SG-COOL	67754185	4007220232972	10	\$24.08	
180 (7")	PFC 180 A 60 SG-COOL	67756185	4007220232996	10	\$24.08	
180 (7")	PFC 180 A 80 SG-COOL	67758185	4007220233016	10	\$24.08	
High Performance SGP STRONG (Steel) - Extremely long wheel life, very high stock removal						
115 (4 1/2")	PFC 115 Z 36 SGP-STRONG	67788015	4007220777862	10	\$25.82	  
115 (4 1/2")	PFC 115 Z 50 SGP-STRONG	67788115	4007220777879	10	\$25.82	
125 (5")	PFC 125 Z 36 SGP-STRONG	67788025	4007220777886	10	\$27.23	
125 (5")	PFC 125 Z 50 SGP-STRONG	67788125	4007220777893	10	\$27.23	
180 (7")	PFC 180 Z 36 SGP-STRONG	67788080	4007220827468	10	\$46.66	
180 (7")	PFC 180 Z 50 SGP-STRONG	67788180	4007220827482	10	\$46.66	








Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
POLIFAN® (Flap Discs) (continued)						
High Performance SGP STRONG (Steel/Ceramic) - Extremely long wheel life, very high stock removal						
125 (5")	PFC 125 CO 40 SGP-STRONG	67788324	4007220957134	10	\$33.30	
180 (7")	PFC 180 CO 40 SGP-STRONG	67788384	4007220953334	10	\$56.88	
High Performance SGP STRONG - FREEZE (INOX) - Very long wheel life, surface grinding on Stainless Steel						
125 (5")	PFC 125 CO 36 SGP-STRONG-FREEZE	67789025	4007220835319	10	\$32.96	
125 (5")	PFC 125 CO 50 SGP-STRONG-FREEZE	67789125	4007220835326	10	\$32.96	
High Performance SGP-COOL Ceramic (Steel/INOX) - For hard to grind materials.						
115 (4 1/2")	PFC 115 CO 40 SGP-COOL	67760415	4007220725443	10	\$16.74	
125 (5")	PFC 125 CO 40 SGP-COOL	67760425	4007220725467	10	\$18.54	
125 (5")	PFC 125 CO 60 SGP-COOL	67760625	4007220793176	10	\$18.54	
180 (7")	PFC 180 CO 40 SGP-COOL	67760485	4007220725481	10	\$31.58	
High Performance SGP CURVE (Steel/INOX/ALU) - For grinding of fillet welds						
115 (4 1/2")	PFR 115 Z 40 SGP-CURVE M	67689032	4007220821671	10	\$16.58	
115 (4 1/2")	PFR 115 Z 40 SGP-CURVE L	67689042	4007220821695	10	\$16.58	
125 (5")	PFR 125 Z 40 SGP-CURVE M	67689052	4007220790151	10	\$17.42	
125 (5")	PFR 125 Z 40 SGP-CURVE L	67689062	4007220790175	10	\$17.42	
150 (6")	PFR 150 Z 40 SGP-CURVE M	67689072	4007220844939	10	\$20.99	
150 (6")	PFR 150 Z 40 SGP-CURVE L	67689082	4007220844946	10	\$20.99	
180 (7")	PFR 180 Z 40 SGP-CURVE L	67689095	4007220881248	10	\$23.72	
115 (4 1/2")	PFR 115 CO 60 SGP-CURVE M	67689036	4007220827444	10	\$18.79	
115 (4 1/2")	PFR 115 CO 60 SGP-CURVE L	67689046	4007220827451	10	\$18.79	
125 (5")	PFR 125 CO 60 SGP-CURVE M	67689056	4007220790168	10	\$18.89	
125 (5")	PFR 125 CO 60 SGP-CURVE L	67689066	4007220790182	10	\$18.89	
115 (4 1/2")	PFR 115 A 40 SGP-CURVE L ALU	67689048	4007220851968	10	\$17.84	
125 (5")	PFR 125 A 40 SGP-CURVE L ALU	67689068	4007220851975	10	\$17.84	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Fibre Discs - Backing Pads						
Backing Pads (General Purpose)						
100 (4")	GT 100 MF M10 x 1.5	47600050	4007220818312	1	\$20.15	
115 (4 1/2")	GT 115 MF M14	44890030	4007220668054	1	\$23.51	
125 (5")	GT 125 MF M14	44890040	4007220668061	1	\$28.13	
180 (7")	GT 180 MF M14	44890060	4007220668085	1	\$48.07	
Backing Pads (High Performance)						
100 (4")	H-GT 100 M10 x 1.5	47600048	4007220818299	1	\$24.62	
115 (4 1/2")	H-GT 115 M14	44890080	4007220668115	1	\$29.91	
125 (5")	H-GT 125 M14	44890090	4007220668122	1	\$37.15	
180 (7")	H-GT 180 M14	44890100	4007220668139	1	\$55.62	
Backing Pads (High Temperature)						
115 (4 1/2")	HT-GT115 MF M14	44890200	4007220032398	1	\$31.17	
125 (5")	HT-GT125 MF M14	44890210	4007220032404	1	\$36.73	
180 (7")	HT-GT180 MF M14	44890220	4007220032381	1	\$51.01	
Resin Fibre Discs						
Resin Fibre Discs - Aluminium Oxide - cross slotted unless marked						
100 (4")	FS 100-16 A 16 *	69400019	4007220820735	25	\$1.13	
100 (4")	FS 100-16 A 24 *	69401016	4007220228012	25	\$1.13	
100 (4")	FS 100-16 A 36 *	69401015	4007220227442	25	\$1.13	
100 (4")	FS 100-16 A 60 *	69401023	4007220228319	25	\$0.98	
100 (4")	FS 100-16 A 80 *	69401024	4007220228326	25	\$0.98	
100 (4")	FS 100-16 A 100 *	69401019	4007220228043	25	\$0.98	
100 (4")	FS 100-16 A 120 *	69401067	4007220306444	25	\$0.98	
115 (4 1/2")	FS 115-22 A 16	64101111	4007220164914	25	\$1.41	
115 (4 1/2")	FS 115-22 A 24	64102111	4007220164952	25	\$1.29	
115 (4 1/2")	FS 115-22 A 36	64103111	4007220165003	25	\$1.29	
115 (4 1/2")	FS 115-22 A 60	64106111	4007220165058	25	\$1.13	
115 (4 1/2")	FS 115-22 A 80	64108111	4007220165102	25	\$1.13	
115 (4 1/2")	FS 115-22 A 100	64110111	4007220165157	25	\$1.13	
115 (4 1/2")	FS 115-22 A 120	64112111	4007220500934	25	\$1.13	
125 (5")	FS 125-22 A 16	64101125	4007220164921	25	\$1.68	
125 (5")	FS 125-22 A 24	64102125	4007220164969	25	\$1.48	
125 (5")	FS 125-22 A 36	64103125	4007220165010	25	\$1.48	
125 (5")	FS 125-22 A 60	64106125	4007220165065	25	\$1.22	
125 (5")	FS 125-22 A 80	64108125	4007220165119	25	\$1.22	
125 (5")	FS 125-22 A 120	64112125	4007220500941	25	\$1.22	
180 (7")	FS 180-22 A 16 *	69401029	4007220230626	25	\$3.32	
180 (7")	FS 180-22 A 24 *	69401004	4007220224526	25	\$2.73	
180 (7")	FS 180-22 A 36 *	69401005	4007220224533	25	\$2.32	
180 (7")	FS 180-22 A 60 *	69401001	4007220224496	25	\$2.14	
180 (7")	FS 180-22 A 80 *	69401006	4007220224540	25	\$2.14	
180 (7")	FS 180-22 A 100 *	69401002	4007220224502	25	\$2.14	
180 (7")	FS 180-22 A 120 *	69401003	4007220224519	25	\$2.14	






* unslotted

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Resin Fibre Discs (continued)						
Resin Fibre Discs - Zirconia - cross slotted unless marked						
100 (4")	FS 100-16 Z 24 *	69400014	4007220820681	25	\$1.67	   
100 (4")	FS 100-16 Z 36 *	69400016	4007220820704	25	\$1.41	
100 (4")	FS 100-16 Z 60 *	69400017	4007220820711	25	\$1.13	
100 (4")	FS 100-16 Z 80 *	69400018	4007220820728	25	\$1.13	
100 (4")	FS 100-16 Z 120 *	69400015	4007220820698	25	\$1.13	
115 (4 1/2")	FS 115-22 Z 24	64202111	4007220216569	25	\$1.97	
115 (4 1/2")	FS 115-22 Z 36	64203111	4007220216576	25	\$1.72	
115 (4 1/2")	FS 115-22 Z 60	64206111	4007220216590	25	\$1.41	
115 (4 1/2")	FS 115-22 Z 80	64208111	4007220216606	25	\$1.41	
115 (4 1/2")	FS 115-22 Z 120	64212111	4007220696613	25	\$1.41	
125 (5")	FS 125-22 Z 24	64202125	4007220216613	25	\$2.38	
125 (5")	FS 125-22 Z 36	64203125	4007220216620	25	\$1.99	
125 (5")	FS 125-22 Z 60	64206125	4007220216644	25	\$1.57	
125 (5")	FS 125-22 Z 80	64208125	4007220216651	25	\$1.57	
125 (5")	FS 125-22 Z 120	64212125	4007220696637	25	\$1.57	
180 (7")	FS 180-22 Z 24 *	69401147	4007220459263	25	\$5.00	
180 (7")	FS 180-22 Z 36 *	69401048	4007220250204	25	\$4.49	
180 (7")	FS 180-22 Z 60 *	69401073	4007220311790	25	\$3.21	
180 (7")	FS 180-22 Z 80 *	69401149	4007220489574	25	\$3.21	
180 (7")	FS 180-22 Z 120 *	69401489	4007220720875	25	\$3.21	
Resin Fibre Discs - Ceramic-PLUS - High stock removal, cooler cut and longer life						
125 (5")	FS 125-22 CO PLUS 20	75470924	9324922017610	25	\$4.71	
125 (5")	FS 125-22 CO PLUS 24	75470925	9324922017627	25	\$4.71	
	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	\$3.60	   
100 (4")	FS 100-16 CO COOL 60 *	69401555	4007220833018	25	\$2.43	
100 (4")	FS 100-16 CO COOL 80 *	69401556	4007220833025	25	\$2.21	
100 (4")	FS 100-16 CO COOL 120 *	69401584	4007220908129	25	\$2.21	
115 (4 1/2")	FS 115-22 CO-COOL 36	64173111	4007220696897	25	\$4.11	
115 (4 1/2")	FS 115-22 CO-COOL 60	64176111	4007220696910	25	\$3.60	
115 (4 1/2")	FS 115-22 CO-COOL 80	64178111	4007220696927	25	\$3.25	
115 (4 1/2")	FS 115-22 CO-COOL 120	64182111	4007220696941	25	\$2.87	
125 (5")	FS 125-22 CO-COOL 36	64173125	4007220696965	25	\$4.46	
125 (5")	FS 125-22 CO-COOL 60	64176125	4007220696989	25	\$3.25	
125 (5")	FS 125-22 CO-COOL 80	64178125	4007220696996	25	\$2.87	
125 (5")	FS 125-22 CO-COOL 100	64180125	4007220697009	25	\$2.77	
125 (5")	FS 125-22 CO-COOL 120	64182125	4007220697016	25	\$2.77	
180 (7")	FS 180-22 CO-COOL 36 *	64173175	4007220697030	25	\$11.11	
180 (7")	FS 180-22 CO-COOL 60 *	64176175	4007220697054	25	\$7.64	
180 (7")	FS 180-22 CO-COOL 80 *	64178175	4007220697061	25	\$6.85	
180 (7")	FS 180-22 CO-COOL 120 *	64182175	4007220697085	25	\$6.85	

* unslotted

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	\$79.51		
115 & 125	Backing Pad CC-GT 115/125 M14 <small>Suits both 4-1/2" and 5" Grinders (Soft)</small>	44890150	4007220725764	1	\$59.46		
180	Backing Pad CC-GT 180 M14	44890170	4007220725788	1	\$90.28		
180	Backing Pad CC-GT 180 5/8"	44890180	4007220725795	1	\$90.28		
Medium Backing Pads - General purpose. Suits stock removal.							
115 & 125	Backing Pad CC GRIND®-STEEL 115/125 M14	64199001	4007220835852	1	\$54.05		
115 & 125	Backing Pad CC GRIND®-STEEL 115/125 5/8" <small>Suits both 4-1/2" and 5" Grinders (Medium)</small>	64199011	4007220841402	1	\$85.95		
Hard Backing Pads - Provides stiffness for maximum stock removal.							
115 & 125	Backing Pad CC GRIND®-INOX 115/125 M14* <small>Suits both 4-1/2" and 5" Grinders (Hard)</small>	64199002	4007220835869	1	\$54.05		
* Recommended for use with CC-GRIND® Fibre Discs							
COMBICLICK® - CC-GRIND®							
COMBICLICK® - CC-GRIND® - Resin Fibre Grinding Discs							
115 (4 1/2")	CC-GRIND® 115 STEEL *	64183115	4007220835876	25	\$9.15		
125 (5")	CC-GRIND® 125 STEEL *	64183125	4007220835883	25	\$9.85		
125 (5")	CC-GRIND® 125 INOX *	64184125	4007220835906	25	\$9.85		
COMBICLICK® - Resin Fibre Discs							
COMBICLICK® - Aluminium Oxide Fibre Discs							
100 (4")	CC-FS 100 A 36	64189001	4007220836095	25	\$4.46		
100 (4")	CC-FS 100 A 60	64189003	4007220836118	25	\$3.27		
100 (4")	CC-FS 100 A 80	64189004	4007220836125	25	\$2.92		
100 (4")	CC-FS 100 A 120	64189005	4007220836132	25	\$2.92		
115 (4 1/2")	CC-FS 115 A 36	64190003	4007220763186	25	\$4.80		
115 (4 1/2")	CC-FS 115 A 60	64190006	4007220763209	25	\$3.76		
115 (4 1/2")	CC-FS 115 A 80	64190008	4007220763216	25	\$3.52		
115 (4 1/2")	CC-FS 115 A 120	64190012	4007220763223	25	\$3.52		
125 (5")	CC-FS 125 A 36	64190103	4007220721995	25	\$5.39		
125 (5")	CC-FS 125 A 60	64190106	4007220722039	25	\$4.41		
125 (5")	CC-FS 125 A 80	64190108	4007220722060	25	\$4.41		
125 (5")	CC-FS 125 A 120	64190112	4007220722077	25	\$4.41		
180 (7")	CC-FS 180 A 36	64190303	4007220722107	25	\$5.87		
180 (7")	CC-FS 180 A 60	64190306	4007220722138	25	\$5.27		
180 (7")	CC-FS 180 A 80	64190308	4007220722145	25	\$5.02		
180 (7")	CC-FS 180 A 120	64190312	4007220722152	25	\$5.02		
COMBICLICK® - Aluminium Oxide A-COOL Fibre Discs							
115 (4 1/2")	CC-FS 115 A-COOL 80	64191008	4007220722190	25	\$4.41		
115 (4 1/2")	CC-FS 115 A-COOL 120	64191012	4007220722213	25	\$4.41		
115 (4 1/2")	CC-FS 115 A-COOL 220	64191022	4007220722244	25	\$4.41		
125 (5")	CC-FS 125 A-COOL 50	64191105	4007220722251	25	\$5.27		
125 (5")	CC-FS 125 A-COOL 60	64191106	4007220722275	25	\$5.15		
125 (5")	CC-FS 125 A-COOL 80	64191108	4007220722299	25	\$5.02		
125 (5")	CC-FS 125 A-COOL 120	64191112	4007220722312	25	\$5.02		
125 (5")	CC-FS 125 A-COOL 180	64191118	4007220722343	25	\$5.02		
125 (5")	CC-FS 125 A-COOL 220	64191122	4007220722367	25	\$5.02		
180 (7")	CC-FS 180 A-COOL 50	64191305	4007220722398	25	\$7.98		
180 (7")	CC-FS 180 A-COOL 60	64191306	4007220722411	25	\$7.62		
180 (7")	CC-FS 180 A-COOL 80	64191308	4007220722435	25	\$7.28		
180 (7")	CC-FS 180 A-COOL 120	64191312	4007220722459	25	\$7.27		
180 (7")	CC-FS 180 A-COOL 180	64191318	4007220722527	25	\$7.27		
180 (7")	CC-FS 180 A-COOL 220	64191322	4007220722541	25	\$7.27		

* Discontinued - Available Only While Stocks Last

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
COMBICLICK® - Resin Fibre Discs (continued)						
COMBICLICK® - Silicon Carbide SiC Fibre Discs						
115 (4 1/2")	CC-FS 115 SiC 36	64294003	4007220898888	25	\$4.57	
115 (4 1/2")	CC-FS 115 SiC 60	64294006	4007220898895	25	\$3.64	
115 (4 1/2")	CC-FS 115 SiC 80	64294008	4007220898901	25	\$3.25	
115 (4 1/2")	CC-FS 115 SiC 120	64294012	4007220898918	25	\$3.25	
125 (5")	CC-FS 125 SiC 36	64294103	4007220898925	25	\$4.82	
125 (5")	CC-FS 125 SiC 60	64294106	4007220898932	25	\$3.91	
125 (5")	CC-FS 125 SiC 80	64294108	4007220898949	25	\$3.91	
125 (5")	CC-FS 125 SiC 120	64294112	4007220898956	25	\$3.91	
COMBICLICK® - Ceramic Fibre Discs						
100 (4")	CC-FS 100 CO-COOL 36	64189101	4007220836149	25	\$8.21	
100 (4")	CC-FS 100 CO-COOL 60	64189103	4007220836187	25	\$5.50	
100 (4")	CC-FS 100 CO-COOL 80	64189104	4007220836194	25	\$5.02	
100 (4")	CC-FS 100 CO-COOL 120	69401582	4007220892442	25	\$5.02	
115 (4 1/2")	CC-FS 115 CO-COOL 36	N! 64193003	4007220763315	25	\$9.15	
115 (4 1/2")	CC-FS 115 CO-COOL 60	64193006	4007220763339	25	\$5.87	
115 (4 1/2")	CC-FS 115 CO-COOL 80	64193008	4007220763346	25	\$5.39	
115 (4 1/2")	CC-FS 115 CO-COOL 120	64193012	4007220763353	25	\$5.39	
125 (5")	CC-FS 125 CO 24	64192102	4007220722084	25	\$8.87	
125 (5")	CC-FS 125 CO-COOL 36	64193103	4007220722473	25	\$10.19	
125 (5")	CC-FS 125 CO-COOL 60	64193106	4007220722497	25	\$6.43	
125 (5")	CC-FS 125 CO-COOL 80	64193108	4007220722503	25	\$5.87	
125 (5")	CC-FS 125 CO-COOL 120	64193112	4007220722510	25	\$5.87	
180 (7")	CC-FS 180 CO-COOL 36	64193303	4007220722558	25	\$17.18	
180 (7")	CC-FS 180 CO-COOL 60	64193306	4007220722589	25	\$11.60	
180 (7")	CC-FS 180 CO-COOL 80	64193308	4007220722602	25	\$10.42	
180 (7")	CC-FS 180 CO-COOL 120	64193312	4007220722626	25	\$10.42	
COMBICLICK® - Starter Packs						
100 (4")	COMBICLICK® Starter Pack	75520199	4007220908471	1	\$92.50	
Contents: 1x Black COMBICLICK® Backing Pad, 1x of each 36, 60 & 80 Grit Ceramic CO-COOL fibre discs						
125 (5")	COMBICLICK® Starter Pack	75520200	4007220884591	1	\$92.50	
Contents: 1x Grey COMBICLICK® Backing Pad, 2x CC Grind 2x red CO-COOL fibre discs						

For our COMBICLICK® polishing range, please refer to section 204 page 62.

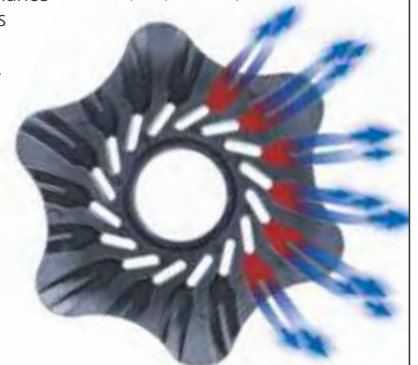
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
CC-GRIND®-SOLID						
CC-GRIND®-SOLID - Discs STEEL						
100 (4")	CC-GRIND®-SOLID 100 SG STEEL	64185100	4007220919682	10	\$8.21	
115 (4 1/2")	CC-GRIND®-SOLID 115 SG STEEL	64185115	4007220887059	10	\$9.63	
125 (5")	CC-GRIND®-SOLID 125 SG STEEL	64185125	4007220887073	10	\$10.68	
150 (6")	CC-GRIND®-SOLID 150 SG STEEL	64185150	4007220952894	10	\$13.99	
180 (7")	CC-GRIND®-SOLID 180 SG STEEL	64185180	4007220887080	10	\$19.42	
CC-GRIND®-FLEX - Discs Steel						
125 (5")	CC-GRIND-FLEX 125 SG-ST FINE	64187125	4007220032817	10	\$10.68	
125 (5")	CC-GRIND-FLEX 125 SG-ST COARSE	64188125	4007220032831	10	\$10.68	
CC-GRIND®-SOLID - Discs INOX						
115 (4 1/2")	CC-GRIND®-SOLID 115 SG INOX	64186115	4007220900895	10	\$10.56	
125 (5")	CC-GRIND®-SOLID 125 SG INOX	64186125	4007220900901	10	\$11.72	
180 (7")	CC-GRIND®-SOLID 180 SG INOX	64186180	4007220900918	10	\$21.36	
CC-GRIND®-SOLID - Clamping Flange Set						
100	CC-GRIND®-SOLID 100 M10	33500000	4007220932209	1	\$10.53	
115 & 125	CC-GRIND®-SOLID/FLEX 115/125 M14	33500015	4007220887578	1	\$12.89	
180	CC-GRIND®-SOLID 180 M14	33500018	4007220887585	1	\$12.89	
115 & 125	CC-GRIND®-SOLID/FLEX 115/125 5/8"	33500115	4007220887592	1	\$12.89	
180	CC-GRIND®-SOLID 180 5/8"	33500180	4007220887608	1	\$12.89	
CC-GRIND®-SOLID - Starter Kit						
125 (5")	CC-GRIND®-SOLID Starter Kit	69900176	4007220972151	1	\$74.15	
Contents:	5x CC-GRIND®-SOLID 125 SG STEEL 1x Flange Set M14 to suit 115/125 1x Reusable Container					

Achieve optimum performance with the special flange set



By applying the special PFERD clamping flange set, together with the CC-GRIND®-SOLID grinding disc, you will achieve the optimum grinding performance from the disc. The geometry of the cooling slits ensures high air flow. This reduces the thermal load on the grinding agent and the workpiece. The flange set also locates the disc in the optimum grinding position.

Safety notes:
The maximum permitted peripheral speed is 80 m/s.





PFERD quality

PFERD large diameter cut-off wheels are developed, manufactured and tested to the highest quality standards.

Research and Development, in-house machine and plant construction, as well as the continuous testing and further development of the quality and safety standards in our own laboratories guarantee the high PFERD quality.

PFERD quality management is certified according to ISO 9001.

Applications

Abrasive cutting is one of the most powerful and cost-effective cutting processes and is used in the following areas:

- Rolling mills
- Foundries
- Machine engineering
- Steel construction
- Maintenance of rails
- Forging plants and their finishing processes
- Laboratories

PFERD is a long-standing member of oSa

Together with other 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 Grinding Tools) 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.

Advantages of large diameter cut-off grinding

- Universal cutting processes 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 cut quality over the entire life of the cutting wheel due to its continuous self-sharpening qualities
- Cutting of already cooled rolled or forged parts in hot cut lines is possible

Maximum operating speed

The maximum operating speed [m/s] is indicated on all product labels and product packs by an EN 12413 colour bar. The maximum permissible rotational speed specification applies to the nominal diameter of the unused wheels.

Maximum operating speed	Colour bar
80 m/s	red
100 m/s	green

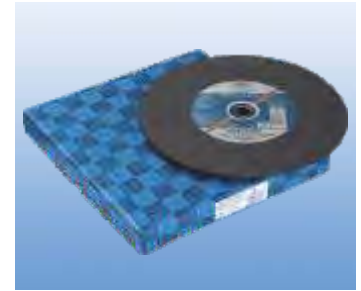


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You will receive more information here or at www.pferd.com.au

PFERD packaging

PFERD supplies large diameter cut-off wheels in robust industrial packaging that protects the tools from damage. For packaging units please refer to the product tables. Important information, such as article number, description, EAN code and technical information can be found on the packaging labels.



Safety notes



= Wear eye protection!



= Wear hearing protection!



= Wear a respirator!



= Wear gloves!



= Read the instructions!



= Do not use if damaged!



= Not permitted for hand-held or manually guided grinding!



Large Diameter Cut-Off Wheels

General information



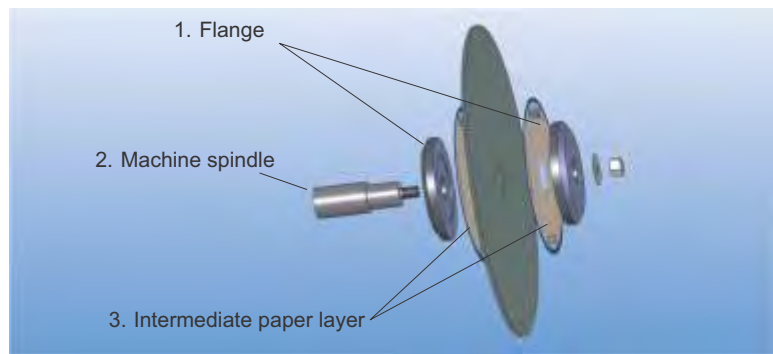
Proper clamping of cut-off wheels

The correct clamping of the cut-off wheel is a prerequisite for optimum performance and is essential for the safety of the user. 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

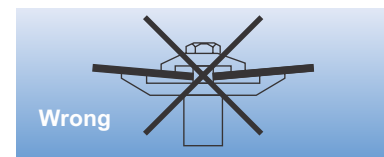
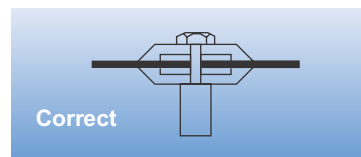
Our recommendations:

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



Safety notes

The safe use of PFERD tools depends on proper mounting 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 order no.
80 T 350-3.0 A 30 L SG-CHOP-HD-INOX/25.4
1 2 3 4 5 6 7 8 9 10 11

1. **Maximum operating speed**
2. **Designation and shape of the tool**

T = Straight type
PT = Depressed centre type
CT = Tapered type

3. **Outer diameter**
Outer diameter D in [mm]

4. **Wheel thickness**
Thickness T/U in [mm]

5. **Abrasive**
A = Aluminium oxide
C = Silicon carbide
ZA = Zirconia alumina/aluminium oxide

6. **Grit size**
Grit size according to ISO 8486

7. **Hardness grade (wheel characteristics)**

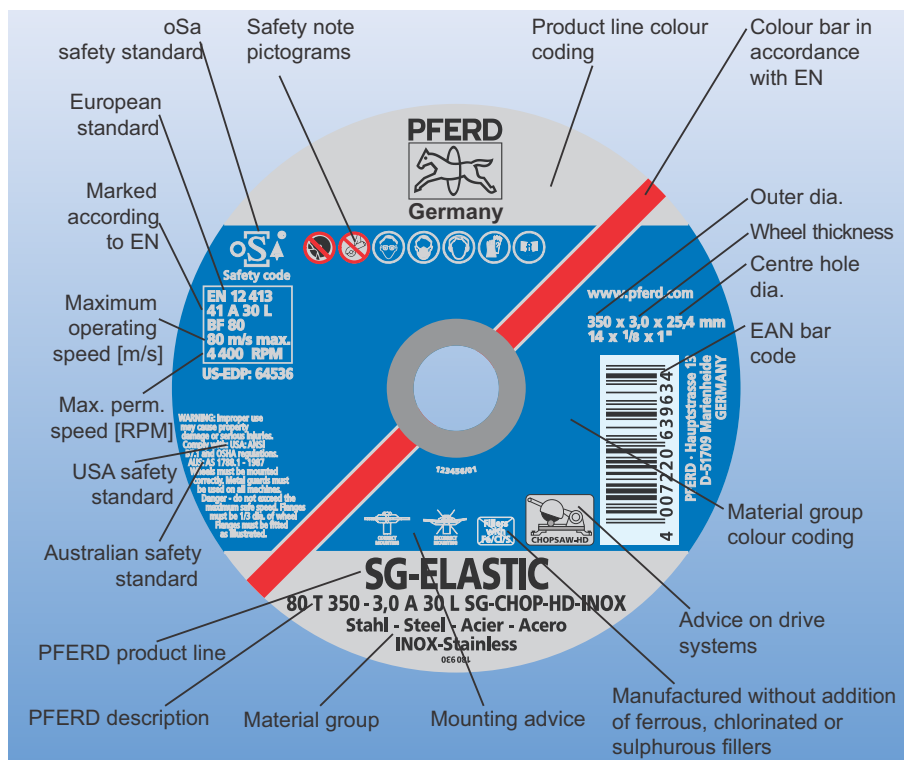
Hardness grade	Wheel characteristics	Material groups
Performance line SG-ELASTIC (SG)		
H	Very soft	Steel, stainless steel (INOX)
K	Very soft	Steel, stainless steel (INOX)
L	Soft	Steel, cast iron, stone, plastics, non-ferrous metals
N	Soft	Steel
P	Medium-hard	Steel
O	Medium-hard	Steel, cast iron
Q	Medium-hard	Steel
R	Hard	Steel, cast iron
S	Hard	Steel
T	very hard	Steel, cast iron

8. **PFERD product line**
Performance line SG-ELASTIC

9. **Product group**
CHOPSAW = for tool drives < 3 KW
TABLECUT = for tool drives 3-5 KW
UNIVERSAL = for tool drives > 5 KW
RAIL = for rails
HEAVY DUTY = for high output tool drives
LABOR = for laboratory samples

10. **Material group**
See also point 7

11. **Centre hole diameter**
Centre hole diameter H in [mm]



Designation according to EN 12413

41 A 30 L BF 80
1 2 3 4 5 6








1. **Type and shape of the wheel**
41 = Cut-off wheel, flat type
42 = Cut-off wheel, depressed centre type
2. **Abrasive**
A = Aluminium oxide
C = Silicon carbide
ZA = Zirconia alumina, aluminium oxide
3. **Grit size**
Grit size according to ISO 8486
4. **Hardness grade (wheel characteristics)**
The hardness grades are indicated using letters in alphabetical order starting with extremely soft through to the extremely hard (A to Z).
5. **Bond**
BF = Fibre-reinforced fabric in resinoid bond
6. **Max. operating speed in [m/s]**

Colour coding for the recommended materials to be ground

Performance line SG-ELASTIC (SG)	
Material = Colour	
	Steel black
	Steel/cast iron black/red
	Stainless steel (INOX) blue
	Stone green

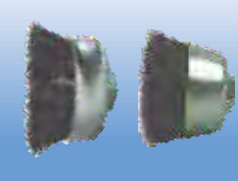
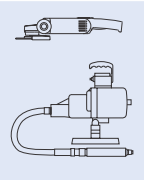
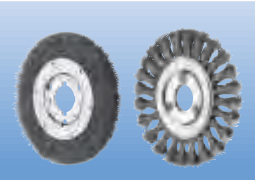
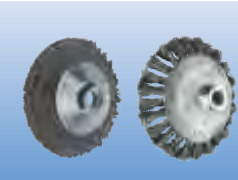




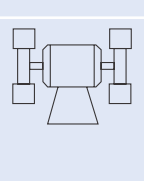

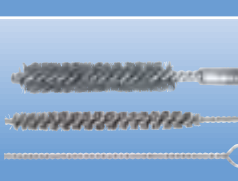


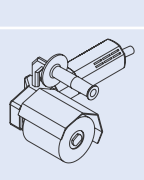
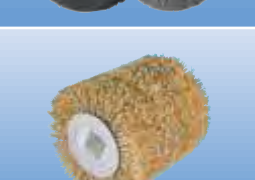

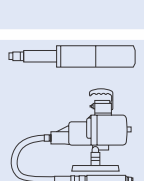

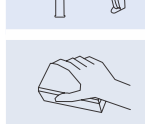
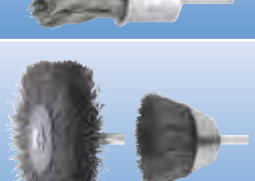
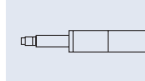

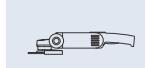
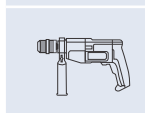
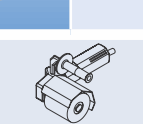
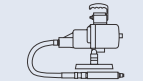
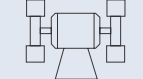
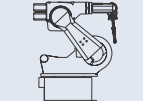
PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE
Low Speed Large Diameter Cut-Off Wheels - 80 mtr/sec	91	Premium Heavy Duty (Saws 3-5kW)	91	High Speed Portable Cut-Off Wheels	92
General Purpose - Steel	91	High Speed Large Diameter Cut-Off Wheels - 100 mtr/sec	91	High Speed Portable Cut-Off Wheels - Steel	92
Premium - Steel	91	High Speed Premium - Heavy Duty	92	High Speed Portable Cut-Off Wheels - Stone	92
Premium - INOX	91			High Speed Rail Cut-Off Wheels - Steel	92

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						       
General Purpose - Steel						
300 (12")	80 T 300-2.8 A 36 K PSF-CHOP 25.4	66323074	4007220832264	20	\$11.55	
350 (14")	80 T 350-2.8 A 36 K PSF-CHOP 25.4	66323574	4007220817605	10	\$11.67	
400 (16")	80 T 400-3.8 A 36 K PSF-CHOP 25.4	66324095	4007220832271	10	\$17.53	
Premium - Steel						
300 (12")	80 T 300-2.8 A 36 K SG-CHOP 25.4	66323070	4007220629123	20	\$20.56	
350 (14")	80 T 350-2.8 A 36 K SG-CHOP 25.4	66323570	4007220629154	10	\$13.00	
400 (16")	80 T 400-3.8 A 36 K SG-CHOP 25.4	66324093	4007220638675	10	\$38.10	
Premium - INOX						
300 (12")	80 T 300-2.8 A 36 K SG-CHOP-INOX 25.4	66323052	4007220803219	20	\$17.32	
350 (14")	80 T 350-2.8 A 36 K SG-CHOP-INOX 25.4	66323572	4007220639634	10	\$15.98	
400 (16")	80 T 400-2.8 A 36 K SG-CHOP-INOX 25.4	66324091	4007220669303	10	\$36.16	
400 (16")	80 T 400-3.8 A 36 K SG-CHOP-INOX 25.4	69620735	4007220739891	10	\$36.16	
Premium - Heavy Duty (Saws 3-5kW) - 80 mtr/sec						
350 (14")	80 T 350-3.0 A 30 L SG-TABLE 25.4	66323580	4007220629130	10	\$26.19	
400 (16")	80 T 400-4.0 A 30 L SG-TABLE 25.4	66324080	4007220638682	10	\$37.37	
High Speed Large Diameter Cut-Off Wheels - 100 mtr/sec To suit 3 Phase Saws						
High Speed Premium - Heavy Duty						
300 (12")	100 T 300-3.6 A 24 Q SG-HD 25.4	66323024	4007220334904	20	\$15.07	
350 (14")	100 T 350-4.0 A 24 Q SG-HD 25.4	66323730	4007220332566	10	\$18.96	
400 (16")	100 T 400-4.8 A 24 Q SG-HD 25.4	66325825	4007220355374	10	\$32.10	
400 (16")	100 T 400-4.6 A 24 S SG-HD 40.0	66324140	4007220166314	10	\$81.24	
500 (20")	100 T 500-5.8 A 24 Q SG-HD 40.0	66325205	4007220539897	5	\$194.31	
600 (24")	100 T 600-7.6 A 24 N SG-HD 60.0	66397706	4007220166482	5	\$400.65	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
High Speed Portable Cut-Off Wheels To suit Portable Engine Driven Saws						
High Speed Portable Cut-Off Wheels - Steel						
300 (12")	100 EHT 300-4.0 A 24 S SG 20.0	61329120	4007220540008	20	\$15.98	 
300 (12")	100 EHT 300-4.0 A 24 S SG 22.2	61329122	4007220540015	20	\$15.98	
300 (12")	100 EHT 300-4.0 A 24 S SG 25.4	61329125	4007220540022	20	\$15.98	
350 (14")	100 EHT 350-4.5 A 24 S SG 20.0	61329520	4007220540039	10	\$28.70	
350 (14")	100 EHT 350-4.5 A 24 S SG 22.2	61329522	4007220540046	10	\$28.70	
350 (14")	100 EHT 350-4.5 A 24 S SG 25.4	61329525	4007220540053	10	\$28.70	
400 (16")	100 EHT 400-4.8 A 24 S SG 20.0	61329820	4007220953433	10	\$43.04	
400 (16")	100 EHT 400-4.8 A 24 S SG 22.2	61329822	4007220540060	10	\$43.04	
400 (16")	100 EHT 400-4.8 A 24 S SG 25.4	61329825	4007220540077	10	\$43.04	
High Speed Portable Cut-Off Wheels - Stone						
350 (14")	100 EHT 350-4.5 C 24 R SG 20.0	61629520	4007220540145	10	\$25.67	 
350 (14")	100 EHT 350-4.5 C 24 R SG 22.2	61629522	4007220540152	10	\$25.67	
350 (14")	100 EHT 350-4.5 C 24 R SG 25.4	61629525	4007220540169	10	\$25.67	
400 (16")	100 EHT 400-4.5 C 24 R SG 25.4	61629400	4007220329405	10	\$36.45	
Reducing Ring						
25.4-20	Reducing Ring 25.4 /20	69900173	4007220956205	5	\$7.18	
High Speed Rail Cut-Off Wheels - Steel For use on Railway Line						
350 (14")	100 T 350-4.2 A 24 Q SG-RAIL 25.4	69902464	4007220940587	10	\$17.84	 
400 (16")	100 T 400-4.2 A 24 Q SG-RAIL 25.4	69902463	4007220940570	10	\$31.67	





Tool drive		Tool drive		
<p>PFERD industrial power brushes are quality products for surface machining. We offer a diverse range of high quality brushes for professional machining of various materials and applications.</p>			<p>Cup brushes with threaded hole</p> <ul style="list-style-type: none"> ■ Performance line SG ■ Special line SGP 	
		<p>Wheel brushes with arbor hole</p> <ul style="list-style-type: none"> ■ Performance line SG ■ Special line SGP 		<p>Flaring cup brushes with threaded hole</p> <ul style="list-style-type: none"> ■ Performance line SG ■ Special line SGP
		<p>Wheel brushes for angle grinders</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Disc brushes</p> <ul style="list-style-type: none"> ■ Performance line SG
		<p>Wheel brushes pipeline</p> <ul style="list-style-type: none"> ■ Performance line SG ■ Special line SGP 		<p>Brushes INOX-TOTAL</p> <ul style="list-style-type: none"> ■ Special line SGP (available on request)
		<p>Wheel brushes deburring brushes</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Interior brushes</p> <ul style="list-style-type: none"> ■ Performance line SG
		<p>Wheel brushes for stationary use</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Scratch brushes</p> <ul style="list-style-type: none"> ■ Performance line SG
		<p>Wheel brushes for burnishing machines</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Brush sets</p> <p>Adapters and accessories</p>
		<p>Mounted pencil brushes</p> <ul style="list-style-type: none"> ■ Performance line SG ■ Special line SGP 		<p>Manual applications</p>
		<p>Mounted wheel brushes</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Straight grinders</p>
		<p>Mounted cup brushes</p> <ul style="list-style-type: none"> ■ Performance line SG 		<p>Angle grinders</p>
				<p>Power drills</p>
				<p>Drum grinders</p>
				<p>Flexible shaft drives</p>
				<p>Stationary applications</p>
				<p>Robot applications</p>



PFERD – Your partner for safe tools

PFERD industrial power brushes meet a high quality and safety standard which is constantly being inspected and further developed in our own laboratories. As one of the leading manufacturers of brush tools, PFERD fulfils the requirements of European standard EN 1083.

Never exceed the permitted maximum RPM

In order to guarantee operating safety, the maximum permitted RPM written either on the brush, the label and in the catalogue must never be exceeded!

Please observe the following before use: The tool drive speed must not exceed the maximum permissible brush speed. Please refer to our PFERD Tool Manual 22 for more details.

Read the safety recommendations!

Technical brushes must be used in a proper manner. For this reason, guidelines on the safe and economic use of PFERD brushes are in every packaging unit. They advise you how to increase your personal work safety.



= Wear gloves!



= Wear a respirator!



= Read the instructions!



= Wear hearing protection!



= Wear eye protection!

Use a protective machine cover!

Standard INOX wire qualities

AISI	Short no. acc. to EN 10027-1	Material no. acc. to EN 10027-2
304	X5CrNi18-10	1.4301 (V2A)
301	X10CrNi18-8 (current standard)	1.4310 (V2A)
302	X12CrNi 17-7 (previous standard)	1.4310 (V2A)
316	X5CrNiMo17-12-2	1.4401 (V4A)
316	X3CrNiMo17-13-3	1.4436 (V4A)
316Ti	X6CrNiMoTi17-12-2	1.4571 (V4A)

Note

To avoid possible problems, it makes sense to run preliminary tests to check the corrosion-resistance of the workpiece.

Finishing

General cleaning of the workpieces after brushing is recommended to prevent loose particles sticking to the workpiece. For workpieces that are used in a heavily corrosive environment, processing with grinding tools or etching or passivation is recommended. This also applies when not only stainless steels but also non-alloyed steels are processed and it cannot be completely ruled out that particles will land on the stainless steel.

Avoiding corrosion when brushing INOX components

Cause of corrosion	Solution
Structure changes through too much heat build-up	Avoid the heat build-up through: <ul style="list-style-type: none"> ■ Use of a lower speed ■ Reduction in brushing pressure ■ Oscillating brushing
Apart from the trim all other brush parts are generally made of steel. (exception: INOX-TOTAL brush types), corrosion can occur through contact between these parts with the workpiece	<ul style="list-style-type: none"> ■ Use INOX-TOTAL type brushes. ■ Avoid contact between the side discs and workpiece ■ Use pencil brushes with plastic coatings
Using the same tool for work on steel and INOX	<ul style="list-style-type: none"> ■ Do not use brushes which have already been used on steel, copper or other metals ■ Do not process steel near INOX
Wire particle residues in the surface (crack corrosion)	<ul style="list-style-type: none"> ■ Avoid a high brushing pressure ■ Select a low speed
Material removal rate is too low	Complete removal of structural changes by: <ul style="list-style-type: none"> ■ Extending brushing times ■ Using grinding tools



PFERDVIDEO

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

Recommendation for use

Brush diameter

With hand-held tool drives, the brush diameter should never exceed 180 mm, regardless of the fill material.

Contact pressure and work position



incorrect (1)



correct (2)

Abrasion is done by the filament tips (fig. 2).

Exception:

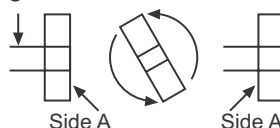
Brushes with SiC fill: approx. 2-3 mm of the filament tips grind. When using brushes on stationary machines, always operate below the brush centre line (see fig. 2).

Visible trim lengths

Short filaments give a stiffer fill surface, resulting in more aggressive brushing action. Longer filaments are more flexible, giving a softer brush performance that produces a more uniform finish, even on non-homogeneous surfaces.

Self-sharpening effect

Output shaft



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

Filament diameter

General rule:




Thicker filament = aggressive, powerful brushing action

Thinner filament = soft brushing action, finer surface finish

On a brush with thicker filaments, fewer filament ends are in contact with the workpiece surface at the same time. This results in a more aggressive brushing action and coarser surface finish.

With thinner filaments, many filament ends are in contact. The result is a softer brushing action softer brushing action and finer surface finish. Generally, finer filament is more flexible and ensures a longer brush life.









PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE
Shaft Mounted Wheel Brushes	95	Twist Knot - Stainless Steel (INOX) Wire	97	SINGLETWIST® Knot - Stainless Steel (INOX) Wire	99
Crimped Steel Wire	95	Twist Knot - Steel Wire - COMBITWIST®	97	Crimped Steel Wire with Limiting Rings	99
Crimped Stainless Steel (INOX) Wire	95	Twist Knot - Stainless Steel (INOX) Wire - COMBITWIST®	97	Crimped Stainless Steel (INOX) Wire with Limiting Rings	99
Brass & Plastic (SiC) Wire	95	Flared Cup Brush - Twist Knot COMBITWIST®	98	Twist Knot Steel Wire	99
Twist Knot - Steel Wire	96	Twist Knot - Steel Wire - COMBITWIST®	98	Twist Knot Stainless Steel (INOX) Wire	99
Twist Knot - Stainless Steel (INOX) Wire	96	Twist Knot - Stainless Steel (INOX) Wire - COMBITWIST®	98	Encapsulated Steel Wire	99
Crimped - Steel Wire	96	Flared Cup Brushes - Crimped	98	Poliscratch Brush	99
Crimped - Stainless Steel (INOX) Wire	96	Crimped Steel Wire	98	Hand Scratch & Miscellaneous Brushes	100
Encapsulated Steel Wire	96	Crimped Stainless Steel (INOX) Wire	98	Hand Scratch Brushes - Steel Wire	100
Shaft Mounted Cup Brushes	96	Flared Cup Brushes - Twist Knot	98	Hand Scratch Brushes - Stainless Steel (INOX) Wire	100
Crimped Steel Wire	96	Cup Brushes - Crimped Steel Wire	98	Hand Scratch Brushes - Brass (MES) Wire	100
Crimped - Stainless Steel (INOX) Wire	96	Cup Brushes - Crimped Stainless Steel (INOX) Wire	98	Hand Scratch Brushes - Steel Wire - Long Handle	100
Wheel Brushes to suit Angle Grinders	96	Cup Brushes - Twist Knot Steel Wire	98	Hand Scratch Brushes - Converged Steel Wire	100
Crimped Steel Wire	96	Cup Brushes - Twist Knot Stainless Steel (INOX) Wire	98	Hand Scratch Brushes - Converged Stainless Steel (INOX)	100
Wheel Brushes with Arbor Hole	96	Cup Brush - Composite Silicon Carbide Fill	98	Hand Scratch Brushes - Plastic Handle - Curved Type	100
Crimped Steel Wire	96	Shaft Mounted Pencil Brushes	99	Welder's Toothbrush	100
Crimped Stainless Steel (INOX) Wire	96	Crimped Steel Wire	99	Block Brushes	100
Wheel Brush Accessories - Hub Adapters	96	Crimped Stainless Steel (INOX) Wire	99	File Cleaning Brushes	100
Twist Knot - Steel Wire - Pipeliner	97	Crimped Brass Wire	99	IBU Interior Brush Range	100-101
Twist Knot - Stainless Steel (INOX) Wire - Pipeliner	97	SINGLETWIST® Knot - Steel Wire	99	Individual Point Of Sale Range	101
Twist Knot - Steel Wire	97			Wire Brush Set	102

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Shaft Mounted Wheel Brushes							
Crimped Steel Wire							
20 x 4	RBU 2004/6 ST 0.20	43101001	4007220152980	10	\$10.95		
30 x 6	RBU 3006/6 ST 0.20	*	43102001	4007220153017	10		\$9.00
40 x 9	RBU 4009/6 ST 0.20	43103001	4007220153048	10	\$11.69		
50 x 4	RBU 5004/6 ST 0.20	43103021	4007220806593	10	\$15.63		
50 x 15	RBU 5015/6 ST 0.20	*	43104001	4007220153079	10		\$12.69
60 x 15	RBU 6015/6 ST 0.20	43104011	4007220658437	10	\$14.43		
70 x 10	RBU 7010/6 ST 0.30	43104101	4007220658444	10	\$11.69		
70 x 15	RBU 7015/6 ST 0.30	*	43105001	4007220153109	10		\$13.57
80 x 15	RBU 8015/6 ST 0.30	43106001	4007220153130	10	\$15.66		
100 x 10	RBU 10010/6 ST 0.30	*	43109001	4007220658451	10		\$16.27
Crimped Stainless Steel (INOX) Wire							
30 x 6	RBU 3006/6 INOX 0.20	*	43102003	4007220153031	10	\$11.21	
40 x 9	RBU 4009/6 INOX 0.20	43103003	4007220153062	10	\$14.92		
50 x 15	RBU 5015/6 INOX 0.20	*	43104003	4007220153093	10	\$21.72	
60 x 15	RBU 6015/6 INOX 0.20	43104033	4007220658468	10	\$22.99		
70 x 10	RBU 7010/6 INOX 0.20	43104102	4007220597835	10	\$22.99		
70 x 15	RBU 7015/6 INOX 0.30	*	43105003	4007220153123	10	\$22.99	
80 x 10	RBU 8010/6 INOX 0.20	43105103	4007220578919	10	\$27.01		
80 x 15	RBU 8015/6 INOX 0.30	43106003	4007220153154	10	\$27.01		
100 x 10	RBU 10010/6 INOX 0.30	*	43109003	4007220658475	10	\$29.71	
Brass (MES) Plastic (SiC) Wire							
80 x 15	RBU 8015/6 MES 0.30 (Brass)	43106002	4007220153147	10	\$35.82		
50 x 15	RBU 5015/6 SiC 180 0.90	43104004	4007220220610	10	\$31.19		
70 x 15	RBU 7015/6 SiC 180 0.90	43105004	4007220220627	10	\$33.76		
80 x 15	RBU 8015/6 SiC 180 0.90	43106004	4007220220634	10	\$36.45		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Shaft Mounted Wheel Brushes						
Twist Knot - Steel Wire						
70 x 6	RBG 7006/6 ST 0.35 *	43107001	4007220153161	10	\$19.90	
70 x 12	RBG 7012/6 ST 0.35	43107011	4007220658482	10	\$20.30	
100 x 12	RBG 10012/6 ST 0.35	43108001	4007220530351	10	\$40.48	
100 x 12	RBG 10012/6 ST 0.50	43108002	4007220530399	10	\$37.91	
Twist Knot - Stainless Steel (INOX) Wire						
70 x 6	RBG 7006/6 INOX 0.35	43107003	4007220220641	10	\$40.21	
Crimped - Steel Wire						
95 x 10	KBU 9510/6 ST 0.30	43312501	4007220899397	10	\$23.33	
Crimped - Stainless Steel (INOX) Wire						
95 x 10	KBU 9510/6 INOX 0.30	43312503	4007220899403	10	\$38.04	
Encapsulated Steel Wire						
63 x 7	RBV 6307/6 ST 0.30	43507501	4007220220955	10	\$32.45	
Shaft Mounted Cup Brushes						
Crimped Steel Wire						
50 x 10	TBU 5010/6 ST 0.30 *	43210001	4007220153345	10	\$12.85	
60 x 15	TBU 6015/6 ST 0.30	43211001	4007220153352	10	\$16.27	
Crimped Stainless Steel (INOX) Wire						
50 x 10	TBU 5010/6 INOX 0.30 N!	43210003	4007220579107	10	\$22.23	
Wheel Brushes to suit Angle Grinders - M14 thread						
Crimped Steel Wire						
125 x 12	RBU 12512/M14 ST 0.30 SG	43502301	4007220806975	1	\$69.59	
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	\$35.04	
150 x 12	RBU 15012/22.2 ST 0.25 P	43505005	4007220530412	1	\$35.18	
200 x 16	RBU 20016/22.2 ST 0.25 P	43506005	4007220530436	1	\$51.38	
250 x 20	RBU 25020/22.2 ST 0.25 P	43506505	4007220530443	1	\$89.42	
100 x 28	RBU 10028/14.0 ST 0.30	43502001	4007220153604	1	\$35.02	
150 x 25	RBU 15025/25.4 ST 0.30 (Inc. Adaptor Set)	43505101	4007220658727	1	\$36.67	
200 x 25	RBU 20025/25.4 ST 0.30 (Inc. Adaptor Set)	43506101	4007220658765	1	\$58.11	
200 x 38	RBU 20038/AK 32-2 ST 0.30	43506001	4007220153635	1	\$99.29	
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	\$62.37	
150 x 25	POS RBU 15025/25.4 INOX 0.30 N!	43505103	4007220109458	1	\$116.50	
200 x 25	POS RBU 20025/25.4 INOX 0.30 N!	43506103	4007220109441	1	\$127.00	
200 x 38	RBU 20038/AK 32-2 INOX 0.30	43506003	4007220220900	1	\$310.24	
300 x 35	RBU 30035/AK 80 INOX 0.50	47701426	4007220767016	1	\$357.11	
Wheel Brush Accessories - Hub Adapters						
	ADAPTERSET APM 50.8/22.2-30	43690036	4007220900390	1	\$30.23	
	ADAPTERSET APM 50.8/32-40	43690037	4007220900406	1	\$30.23	
	Adapter AM 51/25.4	43690025	4007220548509	1	\$9.33	
	Adapter AM 51/32.0	43690032	4007220606605	1	\$9.33	
	AK 32 Adapter Set	43690100	4007220608593	1	\$10.65	
	AK 32-2 Adapter Set	43690102	4007220806890	1	\$13.42	

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	\$51.38	
125 x 6	RBG 12506/M14 Pipe ST 0.50	43302502	4007220750995	10	\$51.38	
150 x 6	RBG 15006/22.2 Pipe ST 0.50	43303501	4007220751015	10	\$58.10	
178 x 6	RBG 17806/22.2 Pipe ST	43303804	4007220751107	10	\$80.33	
178 x 6	RBG 17806/M14 Pipe ST	43303805	4007220751114	10	\$80.33	
Twist Knot - Stainless Steel (INOX) Wire - Pipeliner						
100 x 6	RBG 10006/16.0 Pipe INOX 0.50	43301006	4007220751220	2	\$55.06	
125 x 6	RBG 12506/M14 Pipe INOX 0.50	43302507	4007220751343	2	\$66.16	
Twist Knot - Steel Wire						
100 x 12	RBG 10012/M14 ST 0.50	43302000	4007220658970	1	\$28.45	
115 x 12	RBG 11512/22.2 ST 0.50	43312001	4007220153512	1	\$28.45	
115 x 12	RBG 11512/M14 ST 0.50	43312002	4007220658987	1	\$28.45	
125 x 12	RBG 12512/22.2 ST 0.50	43303005	4007220530597	1	\$31.19	
125 x 12	RBG 12512/M14 ST 0.50	43303013	4007220658994	1	\$32.45	
150 x 13	RBG 15013/22.2 ST 0.60	43309015	4007220597996	1	\$37.91	
178 x 13	RBG 17813/22.2 ST 0.50	43304001	4007220153413	1	\$49.03	
178 x 13	RBG 17813/M14 ST 0.50	43304009	4007220659007	1	\$53.09	
Twist Knot - Stainless Steel (INOX) Wire						
115 x 12	RBG 11512/22.2 INOX 0.35	43312003	4007220220795	1	\$66.25	
115 x 12	RBG 11512/M14 INOX 0.35	43312004	4007220659014	1	\$66.25	
125 x 12	RBG 12512/22.2 INOX 0.35	43303006	4007220530788	1	\$67.46	
125 x 12	RBG 12512/M14 INOX 0.35	43303007	4007220659021	1	\$67.46	
178 x 13	RBG 17813/22.2 INOX 0.35	43304003	4007220220733	1	\$133.57	
178 x 13	RBG 17813/M14 INOX 0.35	43304010	4007220659038	1	\$133.57	
Twist Knot - Steel Wire COMBITWIST®						
115 x 12	RBG 11512/22.2 CT ST 0.5	43312011	4007220593356	1	\$31.19	
125 x 12	RBG 12512/22.2 CT ST 0.5	43303010	4007220593363	1	\$35.18	
178 x 13	RBG 17813/22.2 CT ST 0.5	43304011	4007220593370	1	\$46.58	
178 x 13	RBG 17813/22.2 CT ST 0.8	43304017	4007220593394	1	\$53.09	
Twist Knot - Stainless Steel (INOX) Wire COMBITWIST®						
115 x 12	RBG 11512/22.2 CT INOX 0.35	43312013	4007220593400	1	\$60.75	
125 x 12	RBG 12512/22.2 CT INOX 0.35	43303011	4007220593417	1	\$74.21	
178 x 13	RBG 17813/22.2 CT INOX 0.35	43304013	4007220593424	1	\$147.09	

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	\$32.45	
115 x 15	KBG 11515/M14 CT ST 0.50	43315011	4007220593448	1	\$41.93	
125 x 15	KBG 12515/M14 CT ST 0.50	43317011	4007220593455	1	\$48.65	
Twist Knot - Stainless Steel (INOX) Wire COMBITWIST®						
100 x 13	KBG 10013/M14 CT INOX	43313013	4007220593462	1	\$51.38	 COMBITWIST®
115 x 15	KBG 11515/M14 CT INOX	43315013	4007220593479	1	\$56.75	
125 x 15	KBG 12515/M14 CT INOX	43317013	4007220593486	1	\$75.63	
Flared Cup Brushes - Crimped						
Crimped Steel Wire						
100 x 10	KBU 10010/M14 ST 0.35	43316001	4007220220832	1	\$27.01	
Crimped Stainless Steel (INOX) Wire						
100 x 10	KBU 10010/M14 INOX 0.35	43316003	4007220531129	1	\$42.68	
Flared Cup Brushes - Twist Knot						
100 x 13	KBG 10013 M10 x 1.5	79182207	697940822078	1	\$29.71	
Cup Brushes - Crimped Steel Wire						
60	TBU 60/M14 ST 0.30	43468902	4007220153543	1	\$22.99	
60	TBU 60/M10x1.50 ST 0.30	47701482	4007220826003	1	\$22.99	
75	TBU 75/M14 ST 0.30	43469001	4007220220849	1	\$31.19	
100	TBU 100/M14 ST 0.30	43469102	4007220153574	1	\$41.93	
Cup Brushes - Crimped Stainless Steel (INOX) Wire						
60	TBU 60/M14 INOX 0.30	43468905	4007220721742	1	\$30.29	
75	TBU 75/M14 INOX 0.30	43469003	4007220220856	1	\$37.90	
100	TBU 100/M14 INOX 0.30	43469103	4007220220863	1	\$76.39	
Cup Brushes - Twist Knot Steel Wire						
65	TBG 65/M14 ST 0.35	43305002	4007220153437	1	\$21.72	
65	TBG 65/M10x1.50 ST 0.35	47701479	4007220825976	1	\$21.72	
80	TBGR 80/M14 ST 0.50	43306001	4007220153482	1	\$40.48	
100	TBGR 100/M14 ST 0.50	43308001	4007220153505	1	\$51.38	
125	TBG 125/M14 ST 0.50	79168124	697940681248	1	\$87.65	
Cup Brushes - Twist Knot Stainless Steel (INOX) Wire						
65	TBG 65/M14 INOX 0.35	43305003	4007220220740	1	\$41.93	
65	TBG 65/M10x1.50 INOX 0.35	47701480	4007220825983	1	\$41.93	
80	TBG 80/M14 INOX 0.35	43306033	4007220806678	1	\$94.38	
100	TBG 100/M14 INOX 0.35	43308033	4007220806685	1	\$107.91	
Cup Brush - Composite Silicon Carbide Fill						
75	DBUR 75/M14 REC SiC 80 1.14	43400003	4007220899373	1	\$217.70	

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	\$8.21	
12 x 12	PBU 1212/6 ST 0.35	43204101	4007220562581	10	\$8.91	
15 x 16	PBU 1516/6 ST 0.20	43203005	4007220530894	10	\$8.60	
15 x 16	PBU 1516/6 ST 0.35	* 43203001	4007220153253	10	\$9.51	
20 x 20	PBU 2020/6 ST 0.20	43202005	4007220530900	10	\$11.21	
20 x 20	PBU 2020/6 ST 0.50	* 43202001	4007220153222	10	\$10.99	
30 x 29	PBU 3029/6 ST 0.50	43201001	4007220153192	10	\$14.92	
Crimped Stainless Steel (INOX) Wire						
10 x 10	PBU 1010/6 INOX 0.35	43204003	4007220153291	10	\$10.65	
12 x 12	PBU 1212/6 INOX 0.35	43204103	4007220562604	10	\$11.60	
15 x 16	PBU 1516/6 INOX 0.35	* 43203003	4007220153260	10	\$12.85	
20 x 20	PBU 2020/6 INOX 0.50	* 43202003	4007220153246	10	\$14.92	
30 x 29	PBU 3029/6 INOX 0.50	43201003	4007220153215	10	\$22.99	
Crimped Brass Wire						
20 x 20	PBU 2020/6 MES 0.50	43202002	4007220153239	10	\$14.92	
SINGLETWIST® Knot - Steel Wire						
10 x 10	PBGS 1010/6 ST 0.20	43218001	4007220659267	10	\$11.60	
10 x 10	PBGS 1010/6 ST 0.35	43218002	4007220659274	10	\$11.60	
10 x 10	PBGS 1010/6 ST 0.50	43218003	4007220659281	10	\$11.60	
SINGLETWIST® Knot - Stainless Steel (INOX) Wire						
10 x 10	PBGS 1010/6 INOX 0.20	43218005	4007220659298	10	\$12.97	
10 x 10	PBGS 1010/6 INOX 0.35	43218006	4007220659304	10	\$12.97	
10 x 10	PBGS 1010/6 INOX 0.50	43218007	4007220659311	10	\$12.97	
Crimped - Steel Wire with Limiting Rings						
12 x 12	PBUR 1212/6 ST 0.20	43212001	4007220530962	10	\$13.57	
25 x 25	PBUR 2525/6 ST 0.20	43214001	4007220531006	10	\$20.30	
Crimped - Stainless Steel (INOX) Wire with Limiting Rings						
20 x 20	PBUR 2020/6 INOX 0.20	43213004	4007220531037	10	\$21.71	
Twist Knot - Steel Wire						
19 x 19	PBG 1919/6 ST 0.50	* 43207005	4007220531051	10	\$33.76	
30 x 30	PBG 3030/6 ST 0.50	* 43209002	4007220531075	10	\$35.18	
Twist Knot - Stainless Steel (INOX) Wire						
19 x 19	PBG 1919/6 INOX 0.60	* 43207007	4007220531082	10	\$40.48	
30 x 30	PBG 3030/6 INOX 0.60	* 43209005	4007220531105	10	\$41.93	
Encapsulated Steel Wire						
22 x 22	PBV 2222/6 ST 0.25	43208001	4007220153321	10	\$43.18	
Poliscratch Brush						
100 x 20	POS RBU 10020/M14 SC ST 0.60	* 43502102	4007220892459	1	\$88.85	
	ARBOR TO SUIT BO 8/M14	* 43595014	4007220900482	1	\$20.58	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Hand Scratch & Miscellaneous Brushes						
Hand Scratch Brushes - Steel Wire						
1 ROW	HBU 10 ST 0.35	43670011	4007220659489	10	\$3.55	
3 ROW	HBU 30 ST 0.35	43672001	4007220572207	10	\$3.55	
4 ROW	HBU 40 ST 0.35	43673001	4007220572214	10	\$4.03	
5 ROW	HBU 50 ST 0.35	43670001	4007220153741	10	\$4.17	
Hand Scratch Brushes - Stainless Steel (INOX) Wire						
1 ROW	HBU 10 INOX 0.30	43670013	4007220659496	10	\$7.91	
2 ROW	HBU 20 INOX 0.30	43671003	4007220572221	10	\$8.10	
3 ROW	HBU 30 INOX 0.30	43672003	4007220572238	10	\$8.91	
4 ROW	HBU 40 INOX 0.30	43673003	4007220572245	10	\$10.19	
5 ROW	HBU 50 INOX 0.30	43670003	4007220572252	10	\$11.60	
Hand Scratch Brush - Brass (MES) Wire						
3 ROW	HBU 30 MES 0.30	43672002	4007220572535	10	\$8.47	
Hand Scratch Brushes - Steel Wire - Long Handle						
3 ROW	HBU 30 ST LH 0.35	43672011	4007220616840	10	\$5.52	
4 ROW	HBU 40 ST LH 0.35	43673011	4007220616857	10	\$8.55	
Hand Scratch Brush - Converged Steel Wire						
3 ROW	HBK 30 ST 0.35	43676001	4007220572481	10	\$10.19	
Hand Scratch Brush - Converged Stainless Steel (INOX) Wire						
3 ROW	HBK 30 INOX 0.35	43676003	4007220572498	10	\$16.91	
Hand Scratch Brushes - Plastic Handle - Curved Type - Premium						
265	HBG 10 ST 0.30 Steel	43660001	4007220153727	10	\$10.99	
265	HBG 10 INOX 0.30 Stainless Steel	43662003	4007220153734	10	\$20.30	
265	HBG 10 MES 0.30 Brass	43662002	4007220572672	10	\$20.30	
Hand Scratch Brushes - Plastic Handle - Curved Type - Economy PSF						
265	POS HBG 10 ST PSF Steel *	43740044	4007220764077	1	\$8.92	
265	POS HBG 10 INOX PSF Stainless Steel *	43740045	4007220764282	1	\$8.92	
265	POS HBG 10 MES PSF Brass *	43740043	4007220764060	1	\$8.92	
Welder's Toothbrush						
	Welder's Toothbrush 3x7 s/s Wood Handle	79185055	697940850552	36	\$4.22	
Block Brush						
200	HBB 50 ST Violin 0.35 Steel	43678001	4007220572504	10	\$5.52	
File Cleaning Brush						
232	HBF 10 ST 0.15 Steel	12601000	4007220015315	5	\$9.83	
IBU Interior Brush Range						
8 x 80	BRUSH IBU 0880/M6 ST 0.15	43679001	4007220659533	10	\$11.01	
8 x 80	BRUSH IBU 0880/M6 MES 0.15	43679002	4007220659557	10	\$16.16	
8 x 80	BRUSH IBU 0880/M6 INOX 0.15	43679003	4007220659540	10	\$18.27	
10 x 80	BRUSH IBU 1080/M6 ST 0.15	43679011	4007220659571	10	\$12.18	
10 x 80	BRUSH IBU 1080/M6 MES 0.15	43679012	4007220659595	10	\$13.32	
10 x 80	BRUSH IBU 1080/M6 INOX 0.15	43679013	4007220659588	10	\$15.77	
12 x 80	BRUSH IBU 1280/M6 ST 0.15	43679021	4007220659618	10	\$10.18	
12 x 80	BRUSH IBU 1280/M6 MES 0.15	43679022	4007220659632	10	\$13.81	
12 x 80	BRUSH IBU 1280/M6 INOX 0.15	43679023	4007220659625	10	\$18.27	
13 x 80	BRUSH IBU 1380/M6 ST 0.20	43679031	4007220660447	10	\$10.18	
13 x 80	BRUSH IBU 1380/M6 MES 0.20	43679032	4007220660461	10	\$17.53	
13 x 80	BRUSH IBU 1380/M6 INOX 0.20	43679033	4007220660454	10	\$12.65	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
IBU Interior Brush Range (continued)						
IBU Interior Brush Range						
15 x 80	BRUSH IBU 1580/M6 ST 0.20	43679041	4007220660485	10	\$12.04	 STEEL
15 x 80	BRUSH IBU 1580/M6 MES 0.20	43679042	4007220660522	10	\$13.12	 BRASS
15 x 80	BRUSH IBU 1580/M6 INOX 0.20	43679043	4007220660515	10	\$13.26	 INOX
16 x 80	BRUSH IBU 1680/M6 ST 0.20	43679051	4007220660546	10	\$10.31	 IBUV
16 x 80	BRUSH IBU 1680/M6 MES 0.20	43679052	4007220660560	10	\$13.12	 IBUS
16 x 80	BRUSH IBU 1680/M6 INOX 0.20	43679053	4007220660553	10	\$13.30	
18 x 80	BRUSH IBU 1880/M6 ST 0.20	43679061	4007220660584	10	\$10.56	
18 x 80	BRUSH IBU 1880/M6 MES 0.20	43679062	4007220660607	10	\$13.64	
18 x 80	BRUSH IBU 1880/M6 INOX 0.20	43679063	4007220660591	10	\$18.27	
20 x 80	BRUSH IBU 2080/M6 ST 0.20	43679071	4007220660621	10	\$10.76	
20 x 80	BRUSH IBU 2080/M6 MES 0.20	43679072	4007220660645	10	\$13.71	
20 x 80	BRUSH IBU 2080/M6 INOX 0.20	43679073	4007220660638	10	\$15.18	
	EXTENSION IBUV M6 300	43690211	4007220726884	1	\$18.50	
	EXTENSION IBUV M6 1000	43690200	4007220660782	1	\$20.94	
	WIRE SHAFT IBUS M6 1000	43690204	4007220660805	1	\$16.40	
	QUICK CHANGE HANDLE SWG-M6	43690208	4007220721803	1	\$19.93	
Point-Of-Sale Wire Display Packaging						
Twist Knot Wire						
19 x 19	POS PBG 1919/6 ST 0.35 SG	43706001	4007220532416	1	\$35.18	
30 x 30	POS PBG 3030/6 ST 0.35 SG	43706005	4007220532423	1	\$36.48	
19 x 19	POS PBG 1919/6 INOX 0.35	43706002	4007220532430	1	\$43.77	
30 x 30	POS PBG 3030/6 INOX 0.35	43706006	4007220532447	1	\$47.95	
Pencil Crimped Wire						
15	POS PBU 1516/6 ST 0.35	43704001	4007220532256	1	\$10.42	
20	POS PBU 2020/6 ST 0.50	43704005	4007220532263	1	\$11.72	
15	POS PBU 1516/6 INOX 0.40	43704002	4007220532287	1	\$13.69	
20	POS PBU 2020/6 INOX 0.50	43704006	4007220532294	1	\$16.20	
Shaft Mounted Twist Knot Wire						
70	POS RBG 7006/6 ST 0.35	43702001	4007220531969	1	\$20.07	
70	POS RBG 7006/6 INOX 0.35	43702002	4007220531976	1	\$41.69	
Shaft Mounted Crimped Steel Wire						
30 x 6	POS RBU 3006/6 ST 0.20	43701005	4007220531808	1	\$10.56	
50 x 15	POS RBU 5015/6 ST 0.20	43701013	4007220531822	1	\$14.46	
70 x 15	POS RBU 7015/6 ST 0.30	43701017	4007220894606	1	\$14.85	
100 x 10	POS RBU 10010/6 ST 0.30	43701018	4007220894613	1	\$18.63	
30 x 6	POS RBU 3006/6 INOX 0.20	43701006	4007220531884	1	\$12.95	
50 x 15	POS RBU 5015/6 INOX 0.20	43701014	4007220531891	1	\$22.92	
70 x 15	POS RBU 7015/6 INOX 0.30	43701019	4007220894620	1	\$24.48	
100 x 10	POS RBU 10010/6 INOX 0.30	43701020	4007220894637	1	\$31.01	
Shaft Mounted Crimped Steel Wire						
50	POS TBU 5010/6 ST 0.30 SG	43703001	4007220532171	1	\$14.69	
50	POS TBU 5010/6 INOX 0.30 SG	43703002	4007220894651	1	\$24.62	
Crimped Wire						
60	POS TBU 60/M14 ST 0.30	43468902	4007220153543	1	\$22.99	
Cup Brushes - Twist Knot Steel Wire						
65	POS TBG 65/M14 ST 0.35	43305002	4007220153437	1	\$21.72	




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Point-Of-Sale Wire Display Packaging						
Twist Knot Wire						
100	POS KBG 10013/M10 1.5 ST	79182207	697940822078	1	\$29.71	
100	POS KBG 10013/M10 1.5 INOX	79182323	697940823235	1	\$51.38	
Poliscratch Brush						
100 x 20	POS RBU 10020/M14 SC ST 0.60	43502102	4007220892459	1	\$88.85	
	ARBOR TO SUIT BO 8/M14 (Not Packaged)	43595014	4007220900482	1	\$20.58	
Bench Brush						
150	POS RBU 15020 T/51 ST 0.35 PSF (Inc. Bushes)	43740015	4007220764190	1	\$23.09	
200	POS RBU 20020 T/51 ST 0.35 PSF (Inc. Bushes)	43740017	4007220764213	1	\$36.73	
Hand Scratch Brushes - Plastic Handle - Curved Type - Economy PSF						
265	POS HBG 10 ST PSF Steel	43740044	4007220764077	1	\$8.92	
265	POS HBG 10 INOX PSF Stainless Steel	43740045	4007220764282	1	\$8.92	
265	POS HBG 10 MES PSF Brass	43740043	4007220764060	1	\$8.92	
Wire Brush Set						
	Set BSO 5500 ST SG - 80pc Brush Set 6.0mm Shaft	43900001	4007220220962	1	\$711.33	
Contents:	10 pcs each of: RBU3006, RBU4009, RBU5015, RBU7015 TBU5010, PBU1010, PBU1516, PBU2020					

Point-of-Sale Packaging





The PFERD product range includes three drive systems:

Air grinders	Electric grinders	Flexible shaft drives
		
<p>Single workplace, stationary</p> <p>High power output, low wear, long service life, economical air consumption, robust, hardwearing slide vane and turbine motors</p>	<p>Single workplace, flexible use on assembly sites</p> <p>High power output, low wear, long service life</p>	<p>Single workplace, stationary with a variety of tool applications, very easy to handle at high power output</p> <p>Very robust, low wear, long service life</p>
<p>Straight grinders</p> <p>Angle grinders</p> <p>Belt grinders</p> <p>-</p> <p>Special drives</p>	<p>Drive types</p> <p>Straight grinders</p> <p>Angle grinders</p> <p>Belt grinders</p> <p>Drum grinders</p> <p>-</p>	<p>Straight grinders</p> <p>Angle grinders</p> <p>Belt grinders</p> <p>Drum grinders</p> <p>Special drives</p>
<p>No risk of overloading, can be loaded up to machine standstill</p> <p>Optimum rotational speed and power ratios</p> <p>Good size to power output ratio</p> <p>Achieve high rotational speeds</p>	<p>Machine characteristics</p> <p>Overload protection, can briefly withstand up to four times the nominal output</p> <p>Optimal tuning possible for tool application</p> <p>Higher power output compared to air grinders at the same rotational speed</p> <p>Achieve constant speed, ideal for tools that need a constant rotational speed</p>	<p>Overload protection, can briefly withstand up to six times the nominal output</p> <p>Optimal tuning possible for tool application</p> <p>High motor power output, compact handpieces, high power transmission to the tool</p> <p>Cover large rotational speed ranges</p>
<p>Drive size and shape suitable for many applications</p>	<p>Ergonomics/handling</p> <p>Ergonomic drive shapes, easy to handle</p>	<p>Light arbors that are easy to handle for low-fatigue work</p>
<p>4,000 to 100,000</p>	<p>Speed range [RPM]</p> <p>750 to 33,000</p>	<p>0 to 40,000</p>
<p>Single-rotation speed</p>	<p>Speed variation</p> <p>Stepless, electronic</p>	<p>Stepless, electronic, alternatively using gears</p>
<p>Compressed air (6.3 bar)</p>	<p>Energy</p> <p>1-phase alternating current</p>	<p>1-phase alternating current, 3-phase alternating current</p>
<p>75 to 1,000</p>	<p>Power range [W]</p> <p>500 to 1,530</p>	<p>500 to 6,100</p>
<p>Safe energy form, no sparking</p>	<p>Safety</p> <p>Safeguard to prevent unintentional re-starting</p>	<p>42-volt type suitable for safe use in narrow, conductive spaces</p>
<p>Simple replacement of worn parts</p>	<p>Maintenance</p> <p>Simple replacement of carbon brushes</p>	<p>Maintenance by technically accomplished employees possible</p>

Guarantee

Our PFERD guarantee for defects on electric and air grinders as also the required accessories is exercised in such a manner that all parts, which have material defects, will either be repaired or replaced free of charge. Warranty for these material defect claims shall be valid for a period of twelve (12) month at the most. This does not apply if longer periods of time are stipulated by law. The warranty shall not cover damage caused by improper handling, the use of spare parts other than our own, or by repairs carried out in workshops other than our own.

Technical changes

Technical developments and ergonomic improvements are continuously incorporated into our design and manufacture. We therefore reserve the right to make technical changes to our products. In the event of changes to the design, we still ensure the availability of spare parts for four years.



PFERDVIDEO

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

Air grinders are the “top speed” machines amongst the drives. They achieve higher speeds in comparison to electric or flexible shaft drives. They have – when measured against their smaller size – a high power output. The robust and resistant sliding vane and turbine motors have a long service lifetime as well as being easy to service.

Areas of application

Air grinders are very versatile. They are used especially in medium and large sized companies that have a compressed air network at their disposal.

They are used economically and reliably in series production and assembly lines.

PFERD product range

PFERD offers straight, angle and belt grinders as well as special drives. PFERD air grinders are technically up to date and contain the latest ergonomic findings and requirements. They have been developed especially for the economic application of abrasives and cutting tools with defined geometries and cover a wide range of speeds (3,500 - 100,000 RPM) and performances (75 - 1,000 watts).

Advantages

- Compact, ergonomic designed shape
- Low weight
- Technically up to date
- High power to weight performance
- Versatile in use
- Single speed RPM
- No danger from overloading, can be loaded up to machine standstill
- Housing insulated against cold and vibration
- Low-maintenance
- Easy to service
- Cost effective

Criteria for selecting the optimum air grinder

The most important prerequisite for cost effective work is the selection of an optimal tool. After this, the choice of a suitable tool drive can be made. The following points have to be taken into consideration.

1. Design, shape and size

Every type of application places a specific demand on the shape and size of the tool drive. The various designs can be used for many different tasks: Depending on the dimensions, accessibility, type and frequency of the application, the ideal drive can be selected for the task in hand.

2. RPM

The drive should always be selected according to the RPM and cutting speed recommendations for the tool. Please refer to Tool Manual 22 sections 202 - 208 for these recommendations.

3. Power output

The drive unit's power output is the deciding factor for maintaining the RPM under load. The load is determined from the material to be machined, cutting capability of the tool and the grinding pressure.

4. Tool adapter

Depending on the PFERD tool you have selected, different tool adapters are available e.g. collets or threaded spindles. Every machine is allocated with matching collets.

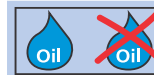
We have explained the most important criteria here. Should you have any further questions, your PFERD sales advisor will be happy to help.

Operates with or without oil

Turbine and sliding vane motors are labelled as follows:



Use only without oil.



Operates with or without oil.



Use only with oil.

Advantages of oil-free compressed air

- User-friendly, protecting both people and the workshop environment.
- Reduces operation costs, because oil and fittings can be dispensed with.
- Avoids oily precipitation on the workpiece.

Recommendations and prerequisites for an economically efficient use of air grinders

1. Air pressure

The machine should be run at an air pressure of 6 - 6.3 bar. A sufficient flow rate must be continuously ensured. Over-pressure leads to premature and higher levels of wear.

2. Air consumption

All data in this catalogue refers to air consumption in m³ per minute [m³/min]. This is the volume of the air when expanded to atmospheric pressure. Unless otherwise indicated, the air consumption figures stated are always for a pressure of 6 bar and the maximum consumption of the machine in question. Non-regulated, pneumatic devices have the highest consumption at idling speed. Centrifugal-force controlled air-powered machines have the highest air consumption under full load.

3. Rotational speed (RPM)

All speeds are stated in revolutions per minute [RPM] and refer to the idling speed at a pressure of 6 bar. In the case of non-controlled machines, the speed under full load is approx. 50 % of the idling speed with centrifugal force-controlled machines the speed under full load is approx. 80 to 90 %.

4. Oil mist lubrication

An adequate oil mist lubrication is of crucial importance for proper machine operation should the machine require oil.

5. Machines running on oil-free compressed air

Machines marked oil-free can be used without oil mist lubrication. Units which can operate with or without oil have a minimal reduction in RPM/output performance when used without oil.

6. Maintenance unit

It is recommended to install a complete maintenance unit (dirt filter + pressure reducer + oiler) at a distance not exceeding 5m from the machine.

The size of the filter pores should be 3 - 5 µm. If in humid environments, air-powered machines should not be operated without oil.

7. Microfilter

Small high-speed grinders (approx. 40,000 RPM and over) should be used with a microfilter instead of the regular dirt trap.

8. Air supply hose

The supply hose must have an inner diameter that at least corresponds to those stated for the drives.

9. Valves and fittings

Always use extra fittings such as hose nozzles, self-closing valve couplings etc. with the largest possible inner diameter. It is advisable to use not more than one valve coupling to prevent unnecessary pressure losses.

10. Noise level

Air tool operators must always wear hearing protection, as the process noise emission of the machines exceeds 85 dB(A) in many cases, even though the idling noise of the machine remains clearly below this value.



11. Vibrations

PFERD air tools meet the requirements of the EC machinery directive regarding vibrations from hand-held or hand-guided machines. This is achieved through:

- Precise concentricity,
- vibration damping intermediate layers,
- vibration-insulated housings.







For protective gloves see page 106.








12. Maintenance and safety









We recommend

- to service the drives at regular intervals and
- to wear personal protective equipment

PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE
Electric Powered Tools	105	Air Powered Tools	105	Flexible Shaft Drives	107
Electric Straight Grinders	105	Air Marking Pen / Engraver	105	Multi-Speed Mammoth Machines	107
Electric Pipe Belt Grinder	105	Engraving Needles (Fine/ Medium/ Coarse)	106	Flexible Shaft Accessories	107
Electric Drum Grinder	105	Air Straight Grinders	106	PFERD Ergonomics	107
Electric 5" Angle Grinder	105	Air Angle Grinders	106-107	Anti Vibration Handle	107
				Anti Vibration Gloves	107

Size mm	Description	Article Number	Barcode	 List Price Ea. Excl. GST	Image
Electric Powered Tools					
Electric Straight Grinder					
	GRINDER UGER 11/330 SI RPM: 15,000 - 33,000 Output: 650 Watts Collet: 6.0mm Weight: 2.250 kg Overall Body Length: 380mm	83108240	4007220952238	1 \$2,339.73	
	GRINDER UGER 15/60 SI RPM: 2,800 - 5,900 Output: 1050 Watts Collet: 12mm Weight: 3.050 kg Overall Body Length: 495mm	83105260	4007220952214	1 \$2,753.53	
Electric Pipe Belt Grinder					
	GRINDER UBS 11/90 SI-R RPM: 4,000 - 9,000 Output: 650 Watts Belt Length: 610mm Belt Speed: 7 - 15.5 m/s Weight: 3 kg Overall Body Length: 530mm	83200240	4007220959800	1 \$3,392.28	
Electric Drum Grinder					
	GRINDER UWER 15/40 SI D19 RPM: 900 - 3,500 Output: 1,050 Watts Spindle Drive: 19 x 100mm Weight: 4.300 kg Overall Body Length: 440mm	83300245	4007220952221	1 \$2,409.33	
Air Powered Tools					
Air Marking Pen / Engraver					
	MARKING PEN MST 31 M Strokes/min: 30,000 - 36,000 Operation Pressure: 6 - 7bar Needle Gauge: medium included Weight: 0.150 kg Overall Body Length: 155mm	80600110	4007220450079	1 \$730.92	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Air Powered Tools (continued)						
Engraving Needles						
	Fine	95795701	4007220455722	1	\$155.91	
	Medium	95795702	4007220455753	1	\$155.91	
	Coarse	95795703	4007220455760	1	\$155.91	
Air Straight Grinder - Rear Exhaust						
	GRINDER PGAS 1/750	80700026	4007220507803	1	\$1,430.90	
	RPM: 75,000 Output: 110 Watts Collet: 3.0mm Weight: 0.150 kg Overall Body Length: 150mm					
Air Straight Grinder - Rear Exhaust						
	GRINDER PGAS 1/550	80105100	4007220896600	1	\$1,706.30	
	RPM: 55,000 Output: 100 Watts Collet: 3.0mm Weight: 0.101 kg Overall Body Length: 153mm					
Air Straight Grinder - Front Exhaust						
	GRINDER PG 8/220 HV	80107081	4007220450840	1	\$1,713.21	
	RPM: 22,000 Output: 600 Watts Collet: 6.0mm Weight: 0.950 kg Overall Body Length: 184mm					
Air Angle Grinder - Front Exhaust						
	GRINDER PW 3/120 DH	80205050	4007220271780	1	\$1,697.73	
	RPM: 12,000 Output: 220 Watts Spindle: 1/4" - 20 UNC Weight: 0.390 kg Overall Body Length: 146mm					
Air Angle Grinder - Front Exhaust						
	GRINDER PG 3/210 DH	80104065	4007220606315	1	\$1,609.17	
	RPM: 21,000 Output: 220 Watts Collet: 6.0mm Weight: 0.430 kg Overall Body Length: 180mm					
	Edge Guide Plate EFP 3/210	80810008	4007220967676	1	\$242.55	
	Edge Guide Sleeve EFH 3/210	80810007	4007220948897	1	\$220.08	
Air Angle Grinder - Front Exhaust						
	GRINDER PWSA 4/200 HV	80700277	4007220598184	1	\$1,972.33	
	RPM: 20,000 Output: 300 Watts Collet: 6.0mm Weight: 0.520 kg Overall Body Length: 150mm					

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Air Powered Tools (continued)						
Air Angle Grinder - Front Bottom Exhaust						
	GRINDER PW11/120 HV RPM: 12,000 Output: 900 Watts Spindle: M14 Weight: 1.900 kg Overall Body Length: 265mm	80209025	4007220447970	1	\$2,432.54	
Flexible Shaft Drives						
Multi-Speed Mammoth Machines						
	MAMMOTH MD10 230/400V Restart protection on power failure Drive Speeds: 2,100, 3,200, 5,700, 8,000 & 12,000 RPM Weight: 16.500 kg Dimensions L x W x H: 460 x 160/240 x 400mm	85102025	4007220181324	1	\$6,965.04	
Flexible Shaft Accessories						
Flexible Shafts - Complete Assemblies						
	4 ZG DIN10 (24 - 40,000rpm)	86100504	4007220181751	1	\$1,287.81	
	7 ZG DIN10 (11 - 25,000rpm)	86100507	4007220181768	1	\$1,384.50	
	10 ZG DIN10 (750 - 18,000rpm)	86100510	4007220181782	1	\$1,670.69	
	12 ZG DIN10 (850 - 12,000rpm)	86100511	4007220181799	1	\$2,072.88	
Flexible Shafts - Outer Cases						
	10 ZG DIN 10 G28 1.5M	86200610	4007220182321	1	\$696.81	
	12 ZG DIN 10 G28	86200613	4007220182352	1	\$1,106.12	
Flexible Shafts - Inner Cores						
	CORE 4 ZG DIN 10 G16	86200304	4007220182079	1	\$203.90	
	CORE 7 ZG DIN 10 G22	86200307	4007220182086	1	\$226.60	
	CORE 10 ZG DIN 10 G28	86200310	4007220182109	1	\$352.11	
	CORE 12 ZG DIN 10 G28	86200313	4007220182130	1	\$400.14	
Anti Vibration Handle For Angle Grinders						
	SENSOHANDLE Comes with M8, M10 & M14 thread adaptors Suitable for most standard angle grinders	86900220	4007220901649	1	\$196.95	
Anti Vibration Gloves						
	SENSOGRIP HFS 9 (M)	86900010	4007220809273	1	\$202.00	
	SENSOGRIP HFS 10 (L)	86900020	4007220809280	1	\$202.00	
	SENSOGRIP HFS 11 (XL)	86900030	4007220809297	1	\$202.00	
	Specifically designed to dampen vibrations experienced when in grinding operations. These gloves can reduce vibrations by up to 30%					



Coated

Coated Materials Converted In Australia

Suits metalworking & woodworking applications

Contact PFERD for special order - **BELTS - ROLLS - DISCS - SHEETS**

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Coated Materials Converted In Australia

PFERD Australia manufacture belts, discs, sheet and rolls which are made to order in our 'Coated Production Facility' located in Dingley, Victoria. A comprehensive range of coated material is available in both paper and cloth, designed to suit all types of applications. Available materials include aluminium oxide, zirconia, silicon carbide and ceramic in a variety of grit sizes.

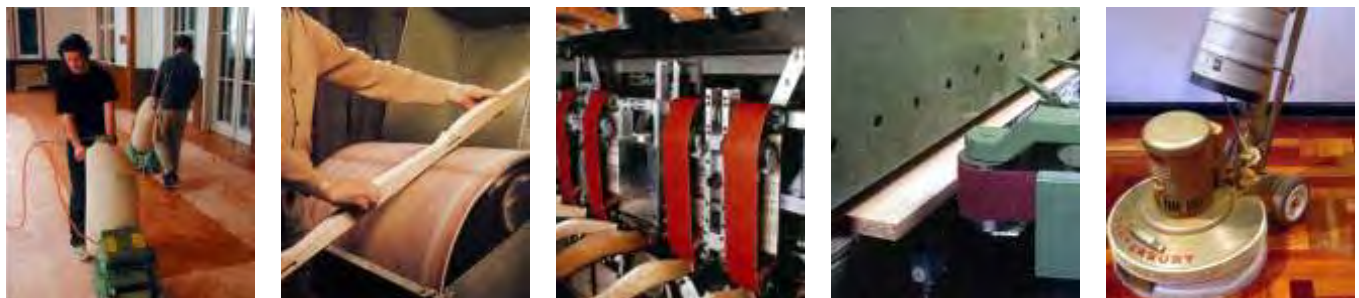
If the product you need is not shown in our product guide, please contact our customer service on **1300 0 PFERD**.



Metalwork



Woodwork



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

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PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE	PRODUCT DESCRIPTION	PAGE
Abrasive Sheets	110-111	Slip Cloth	114	Abrasive Linishing Belts	120-126
Abrasive Discs	111-113	Restorer Stick	114	Floor Sanding Belts	126-127
TEKNO Type Backing Pad	113	Backing Pads - Velstick	114	Floor Sanding Edger Discs	127
Delta Type Velstick Discs	113	IMPERIAL Packs - Aluminium Oxide Velstick Discs	115	Floor Sanding Polyvac Disc - Paper - Aluminium Oxide	127
Painter's Rolls 120 x 25M	114	IMPERIAL Packs - Aluminium Oxide Linishing Belts	115	Floor Sanding Screenback Discs	128
Sponge Rolls	114	IMPERIAL Packs - Wet & Dry Sheets 230x280mm	116	Floor Sanding Silverline Sheets - Aluminium Oxide Paper	128
SP10 Sponge Blocks	114	IMPERIAL Packs - No Fill Sheets 230x280mm	116	Floor Sanding Clarke Sheets - Aluminium Oxide Paper	128
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Starter Kits - PSA/Velstick	114	Portable Sanding Belts	119-120		

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products						
WEC Silicon Carbide Waterproof Wet & Dry 230 x 280mm						
230 x 280	WEC 80 Grit	75600588	8010626022708	50	\$1.89	
230 x 280	WEC 100 Grit	75600589	8010626022715	100	\$1.71	
230 x 280	WEC 120 Grit	75600590	8010626022722	100	\$1.42	
230 x 280	WEC 150 Grit	75600591	8010626022739	100	\$1.33	
230 x 280	WEC 180 Grit	75600592	8010626022746	100	\$1.33	
230 x 280	WEC 240 Grit	75600593	8010626022760	100	\$1.24	
230 x 280	WEC 320 Grit	75600594	8010626022784	100	\$1.24	
230 x 280	WEC 400 Grit	75600595	8010626022807	100	\$1.24	
230 x 280	WEC 600 Grit	75600597	8010626022821	100	\$1.24	
230 x 280	WEC 800 Grit	75600598	8010626022838	100	\$1.24	
230 x 280	WEC 1000 Grit	75600599	8010626022845	100	\$1.24	
230 x 280	WEC 1200 Grit	75600601	8010626022852	100	\$1.24	
230 x 280	WEC 1500 Grit	75600602	8010626022869	100	\$1.24	
230 x 280	WEC 2000 Grit	75603651	8010626022876	100	\$1.24	
AAR Silicon Carbide Stearated 'A' Weight Paper 230 x 280mm						
230 x 280	AAR 80 Grit	75600612	8010626016301	50	\$1.37	
230 x 280	AAR 100 Grit	75600613	8010626016318	100	\$1.27	
230 x 280	AAR 120 Grit	75600614	8010626016325	100	\$1.19	
230 x 280	AAR 150 Grit	75600615	8010626016332	100	\$1.04	
230 x 280	AAR 180 Grit	75600616	8010626016349	100	\$1.04	
230 x 280	AAR 240 Grit	75600617	8010626016363	100	\$1.04	
230 x 280	AAR 320 Grit	75600618	8010626016387	100	\$1.04	
230 x 280	AAR 400 Grit	75600619	8010626016400	100	\$1.04	
I-CAR Aluminium Oxide Stearated 'C' Weight Paper 230 x 280mm						
230 x 280	I-CAR 60 Grit	75600773	9324922015937	25	\$1.75	
230 x 280	I-CAR 80 Grit	75600776	9324922015944	50	\$1.75	
230 x 280	I-CAR 100 Grit	75600777	9324922015814	100	\$1.67	
230 x 280	I-CAR 120 Grit	75600768	9324922015821	100	\$1.55	
230 x 280	I-CAR 150 Grit	75600778	9324922015838	100	\$1.37	
230 x 280	I-CAR 180 Grit	75600770	9324922015845	100	\$1.37	
230 x 280	I-CAR 240 Grit	75600769	9324922015852	100	\$1.37	
230 x 280	I-CAR 320 Grit	75600771	9324922015869	100	\$1.37	
230 x 280	I-CAR 400 Grit	75600774	9324922015876	100	\$1.37	



Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
Paper Velstick Sheet - I-CARV Aluminium Oxide Stearated 'C' Weight 115 x 228mm - 10 Hole						
115 x 228	I-CARV 80 Grit	75600622	8010626063022	100	\$2.43	
115 x 228	I-CARV 120 Grit	75600624	8010626063046	100	\$2.40	
115 x 228	I-CARV 180 Grit	75600626	8010626063060	100	\$2.40	
Paper Velstick Sheet - I-CARV Aluminium Oxide Stearated 'C' Weight 93 x 178mm - 8 Hole						
93 x 178	I-CARV 80 Grit	75600629	8010626063220	100	\$1.18	
93 x 178	I-CARV 120 Grit	75600630	8010626063244	100	\$1.15	
93 x 178	I-CARV 180 Grit	75600631	8010626063268	100	\$1.15	
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 125mm - No Hole						
125	E28V 40 Grit	75600692	8010626042904	50	\$1.19	
125	E28V 60 Grit	75600693	8010626042928	50	\$1.04	
125	E28V 80 Grit	75600694	8010626042935	50	\$0.97	
125	E28V 100 Grit	75600686	8010626042942	100	\$0.97	
125	E28V 120 Grit	75600687	8010626042959	100	\$0.97	
125	E28V 150 Grit	75600688	8010626042966	100	\$0.97	
125	E28V 180 Grit	75600689	8010626042973	100	\$0.97	
125	E28V 240 Grit	75600690	8010626042997	100	\$0.97	
125	E28V 320 Grit	75600691	8010626043024	100	\$0.97	
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 125mm - 8 Hole						
125	E28V 40 Grit	75600695	8010626043109	50	\$1.19	
125	E28V 60 Grit	75600696	8010626043123	50	\$1.04	
125	E28V 80 Grit	75600697	8010626043130	50	\$0.97	
125	E28V 100 Grit	75600740	8010626043147	100	\$0.97	
125	E28V 120 Grit	75600741	8010626043154	100	\$0.97	
125	E28V 150 Grit	75600742	8010626043161	100	\$0.97	
125	E28V 180 Grit	75600743	8010626043178	100	\$0.97	
125	E28V 240 Grit	75600744	8010626043192	100	\$0.97	
125	E28V 320 Grit	75600745	8010626043215	100	\$0.97	
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 150mm - No Hole						
150	E28V 36 Grit	75600641	8010626685743	50	\$1.55	
150	E28V 40 Grit	75600643	8010626050909	50	\$1.55	
150	E28V 60 Grit	75600644	8010626050923	50	\$1.37	
150	E28V 80 Grit	75600645	8010626050930	50	\$1.27	
150	E28V 100 Grit	75600646	8010626050947	100	\$1.19	
150	E28V 120 Grit	75600647	8010626050954	100	\$1.19	
150	E28V 150 Grit	75600648	8010626050961	100	\$1.19	
150	E28V 180 Grit	75600649	8010626050978	100	\$1.19	
150	E28V 240 Grit	75600596	8010626050992	100	\$1.19	
150	E28V 320 Grit	75600677	8010626051012	100	\$1.19	

Coated





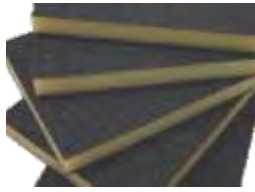




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
Paper Velstick Discs - E28V Aluminium Oxide 'E' Weight 150mm - 15 hole - (suits 6 & 9 hole backing pads)						
150	E28V 40 Grit	75600683	8010626051302	50	\$1.55	
150	E28V 60 Grit	75600684	8010626051326	50	\$1.37	
150	E28V 80 Grit	75600685	8010626051333	100	\$1.27	
150	E28V 100 Grit	75600678	8010626051340	100	\$1.19	
150	E28V 120 Grit	75600679	8010626051357	100	\$1.19	
150	E28V 150 Grit	75600680	8010626051364	100	\$1.19	
Note: should you require a 6 hole please advise at time of order to ensure correct supply while stock is transitioned to 15 hole						
Paper Velstick Discs - I-CARV Aluminium Oxide Stearated 'C' Weight 150mm - No Hole						
150	I-CARV 40 Grit	75600699	8010626061004	50	\$1.42	
150	I-CARV 60 Grit	75600700	8010626061011	100	\$1.19	
150	I-CARV 80 Grit	75600701	8010626061028	100	\$1.19	
150	I-CARV 100 Grit	75600725	8010626061035	100	\$1.19	
150	I-CARV 120 Grit	75600726	8010626061042	100	\$1.19	
150	I-CARV 150 Grit	75600727	8010626061059	100	\$1.04	
150	I-CARV 180 Grit	75600728	8010626061066	100	\$1.04	
150	I-CARV 240 Grit	75600729	8010626061080	100	\$1.04	
150	I-CARV 320 Grit	75600730	8010626061103	100	\$1.04	
150	I-CARV 400 Grit	75600731	8010626061127	100	\$1.04	
150	I-CARV 500 Grit	75602504	8010626061134	100	\$1.04	
150	I-CARV 600 Grit	75600732	8010626061141	100	\$1.04	
150	I-CARV 800 Grit	75600733	8010626061158	100	\$1.04	
150	I-CARV 1200 Grit	75600676	8010626061172	100	\$1.04	
Paper Velstick Discs - I-CARV Aluminium Oxide Stearated 'C' Weight 150mm - 15 hole (also suits 6 & 9 hole backing pads)						
150	I-CARV 40 Grit *	75600746	8010626061301	50	\$1.42	
150	I-CARV 60 Grit	75600747	8010626061318	100	\$1.19	
150	I-CARV 80 Grit	75600748	8010626061325	100	\$1.19	
150	I-CARV 100 Grit	75600749	8010626061332	100	\$1.19	
150	I-CARV 120 Grit	75600750	8010626061349	100	\$1.19	
150	I-CARV 150 Grit	75600751	8010626061356	100	\$1.04	
150	I-CARV 180 Grit	75600752	8010626061363	100	\$1.04	
150	I-CARV 240 Grit	75600754	8010626061387	100	\$1.04	
150	I-CARV 320 Grit	75600755	8010626061400	100	\$1.04	
150	I-CARV 400 Grit	75600756	8010626061424	100	\$1.04	
150	I-CARV 600 Grit	75600757	8010626061448	100	\$1.04	
150	I-CARV 800 Grit	75600758	8010626061455	100	\$1.04	
150	I-CARV 1200 Grit	75600675	8010626061479	100	\$1.04	
Film Backed Velstick Discs - PET-V Aluminium Oxide 150mm 15 Hole						
150	S-PET-V 80 Grit	75606626	9324922017030	100	\$1.49	
150	S-PET-V 100 Grit	75606627	9324922017047	100	\$1.42	
150	S-PET-V 120 Grit	75606628	9324922017054	100	\$1.42	
150	S-PET-V 180 Grit	75606629	9324922017061	100	\$1.42	
150	S-PET-V 240 Grit	75606630	9324922017078	100	\$1.42	
150	S-PET-V 320 Grit	75606631	9324922017085	100	\$1.42	
150	S-PET-V 400 Grit	75606633	9324922017108	100	\$1.42	







Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
TEKNO NET-Velstick Discs - Aluminium Oxide - FOR DUST FREE SANDING* 150mm						
150	S-NET-A 40 Grit	75606731	9324922017290	50	\$2.28	
150	S-NET-A 60 Grit	75606732	9324922017306	50	\$2.28	
150	S-NET-A 80 Grit	75606733	9324922017122	100	\$2.28	
150	S-NET-A 100 Grit	75606734	9324922017139	100	\$2.28	
150	S-NET-A 120 Grit	75606735	9324922017146	100	\$2.28	
150	S-NET-A 150 Grit	75606736	9324922017153	100	\$2.28	
150	S-NET-A 180 Grit	75606737	9324922017160	100	\$2.28	
150	S-NET-A 240 Grit	75606738	9324922017177	100	\$2.28	
150	S-NET-A 320 Grit	75606739	9324922017184	100	\$2.28	
150	S-NET-A 400 Grit	75606740	9324922017191	100	\$2.28	
150	S-NET-A 600 Grit	75606892	9324922017207	100	\$2.27	
150	S-NET-A 800 Grit	75606893	9324922017221	100	\$2.27	
150	S-NET-A 1000 Grit	75606894	9324922017238	100	\$2.27	
150	S-NET-A 1200 Grit	75606895	9324922017245	100	\$2.27	
150	S-NET-A 1500 Grit	75606896	9324922017252	100	\$2.27	
150	S-NET-A 2000 Grit	75606897	9324922017269	100	\$2.27	
150	S-NET-A 3000 Grit	75606899	9324922017283	100	\$2.27	
TEKNO Type Backing Pad - 150mm - FOR DUST FREE SANDING*						
150	Backing Pad 66 Hole	75606742	4007220973615	1	\$60.89	
Delta Type Velstick Discs - E28 Aluminium Oxide Stearated 'E' Weight 93 x 93mm - 6 Hole						
93 x 93	E28 40 Grit	75601446	9324922016132	100	\$1.06	
93 x 93	E28 60 Grit	75601431	9324922016149	100	\$1.06	
93 x 93	E28 80 Grit	75601434	9324922016156	100	\$0.99	
93 x 93	E28 100 Grit	75601433	9324922016163	100	\$0.99	
93 x 93	E28 120 Grit	75601435	9324922016170	100	\$0.99	
93 x 93	E28 150 Grit	75600953	9324922016187	100	\$0.99	
93 x 93	E28 180 Grit	75600954	9324922016194	100	\$0.99	
93 x 93	E28 240 Grit	75600955	9324922016200	100	\$0.99	
93 x 93	E28 320 Grit	75600956	9324922016217	100	\$0.99	
Delta Type Velstick Discs - E28 Aluminium Oxide Stearated 'E' Weight 100 x 145mm - 7 hole						
100 x 145	E28 40 Grit	75600904	9324922016231	100	\$2.14	
100 x 145	E28 60 Grit	75600905	9324922016248	100	\$1.88	
100 x 145	E28 80 Grit	75600906	9324922016255	100	\$1.88	
100 x 145	E28 120 Grit	75600907	9324922016279	100	\$1.75	
100 x 145	E28 180 Grit	75600908	9324922016293	100	\$1.75	
100 x 145	E28 240 Grit	75600909	9324922016309	100	\$1.75	
100 x 145	E28 320 Grit	75600910	9324922016316	100	\$1.75	





*when used with Tekno backing pad & appropriate dust extraction unit

Coated




Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Products (continued)						
Painter's Rolls - Aluminium Oxide						
120 x 25M	R-ICR 40 Grit	75603023	9324922017399	1	\$59.64	
120 x 25M	R-ICR 60 Grit	75601305	9324922017320	1	\$41.63	
120 x 25M	R-ICR 80 Grit	75601306	9324922017337	1	\$41.63	
120 x 25M	R-ICR 100 Grit	75601338	9324922017382	1	\$46.09	
120 x 25M	R-ICR 120 Grit	75601308	9324922017344	1	\$37.82	
120 x 25M	R-ICR 150 Grit	75601309	9324922017351	1	\$36.38	
120 x 25M	R-ICR 180 Grit	75601310	9324922017368	1	\$36.38	
120 x 25M	R-ICR 240 Grit	75601311	9324922017375	1	\$36.38	
120 x 25M	R-ICR 320 Grit	75603194	9324922017405	1	\$36.38	
Sponge Rolls - I-CAR/S Aluminium Oxide Stearated 'C' Weight						
115 x 25M	SPONGE 120 Grit	75600673	8010626018824	1	\$138.39	
115 x 25M	SPONGE 150 Grit	75640075	8010626018831	1	\$138.39	
115 x 25M	SPONGE 180 Grit	75600652	8010626018848	1	\$138.39	
115 x 25M	SPONGE 240 Grit	75600653	8010626018862	1	\$138.39	
115 x 25M	SPONGE 320 Grit	75600674	8010626018886	1	\$138.39	
SP10 Sponge Blocks						
95 x 70 x 25	SP10 COARSE	75600654	8010626039997	100	\$2.18	
95 x 70 x 25	SP10 MEDIUM	75600655	8010626039980	100	\$2.18	
95 x 70 x 25	SP10 FINE	75600672	8010626039973	100	\$2.18	
SP30 Sponge Pads						
100 x 125 x 12.5	SP30 COARSE	75600600	8010626039935	100	\$2.00	
100 x 125 x 12.5	SP30 MEDIUM	75600656	8010626039928	100	\$2.00	
100 x 125 x 12.5	SP30 FINE	75600657	8010626039911	100	\$2.00	
Coated Accessories						
Starter Kits - PSA/Velstick - Convert Standard Backing Pad for Velstick Discs						
115	STARTER No Hole	75601604	9324922016330	5	\$6.77	
125	STARTER No Hole	75601605	9324922016347	5	\$7.50	
125	STARTER 8 Hole	75601241	9324922016354	5	\$7.50	
150	STARTER No Hole	75601606	9324922016361	5	\$9.59	
150	STARTER 15 Hole	75601106	9324922016385	5	\$9.59	
93 x 178	STARTER No Hole	75601152	9324922016392	5	\$7.50	
115 x 230	STARTER No Hole	75601189	9324922016408	5	\$11.67	
Slip Cloth - Graphite Impregnated (Reduced Friction on Belt Sanders)						
100 x 1524	SLIP	75600662	9324922016422	1	\$57.77	
150 x 1524	SLIP	75600663	9324922016439	1	\$93.42	
200 x 1524	SLIP	75600664	9324922016446	1	\$104.83	
533 x 1524	SLIP	75600665	9324922016453	1	\$263.33	
Restorer Stick						
32 x 200	Restorer Stick	75602503	9324922016590	1	\$18.58	
Backing Pads - Velstick						
125	MULTIPAD 125 x 8H (5/16") (Velstick)	47600055	4007220818961	1	\$75.03	
150	VEB - MULTISYSTEM (Velstick) 15 Hole Also suits Plain, 6 and 9 Hole	75600661	9324922015906	1	\$76.51	

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Imperial Retail Packs						
IMPERIAL - Aluminium Oxide Velstick Discs - Packs of 6						
125mm 8 Hole						
125	S-KE5-V 40 Grit	75606554	8010626032479	1	\$5.32	
125	S-KE5-V 60 Grit	75606555	8010626032486	1	\$4.83	
125	S-KE5-V 80 Grit	75606556	8010626031564	1	\$4.59	
125	S-KE5-V 120 Grit	75606557	8010626031571	1	\$4.46	
125	S-KE5-V 180 Grit	75606558	8010626031588	1	\$4.46	
125	S-KE5-V 240 Grit	75606559	8010626032493	1	\$4.46	
150mm 15 Hole						
150	S-KE5-V 50 Grit	75606560	8010626033209	1	\$6.32	
150	S-KE5-V 80 Grit	75606561	8010626033216	1	\$6.06	
150	S-KE5-V 120 Grit	75606562	8010626033223	1	\$5.57	
150	S-KE5-V 180 Grit	75606563	8010626033230	1	\$5.57	
150	S-KE5-V 240 Grit	75606564	8010626033247	1	\$5.57	
150mm No Hole						
150	S-E28-V 50 Grit	75606565	8010626032400	1	\$6.32	
150	S-E28-V 80 Grit	75606566	8010626032417	1	\$6.06	
150	S-E28-V 120 Grit	75606567	8010626032424	1	\$5.57	
150	S-E28-V 180 Grit	75606568	8010626032431	1	\$5.57	
IMPERIAL - Aluminium Oxide Linishing Belts - Packs of 3						
75mm x 533mm						
75 x 533	IMX 40 Grit	75606579	8010626032141	1	\$10.64	
75 x 533	IMX 60 Grit	75606580	8010626032158	1	\$10.53	
75 x 533	IMX 80 Grit	75606581	8010626032165	1	\$10.39	
75 x 533	IMX 120 Grit	75606582	8010626032172	1	\$10.27	
75 x 533	IMX 180 Grit	75606583	8010626032189	1	\$10.27	
75mm x 610mm						
75 x 610	IMX 40 Grit	75606574	8010626032806	1	\$10.88	
75 x 610	IMX 60 Grit	75606575	8010626032813	1	\$10.53	
75 x 610	IMX 80 Grit	75606576	8010626032820	1	\$10.53	
75 x 610	IMX 120 Grit	75606577	8010626032837	1	\$10.53	
75 x 610	IMX 180 Grit	75606578	8010626032844	1	\$10.53	
100mm x 610mm						
100 x 610	IMX 40 Grit	75606569	8010626031793	1	\$13.23	
100 x 610	IMX 60 Grit	75606570	8010626031809	1	\$12.75	
100 x 610	IMX 80 Grit	75606571	8010626031816	1	\$12.63	
100 x 610	IMX 120 Grit	75606572	8010626031823	1	\$12.50	
100 x 610	IMX 180 Grit	75606573	8010626031830	1	\$12.50	
50mm x 914mm						
50 x 914	IMX 40 Grit	75606584	8010626032905	1	\$15.60	
50 x 914	IMX 60 Grit	75606585	8010626032912	1	\$15.23	
50 x 914	IMX 80 Grit	75606586	8010626032929	1	\$15.23	
50 x 914	IMX 120 Grit	75606587	8010626032936	1	\$15.10	
50 x 914	IMX 180 Grit	75606588	8010626032943	1	\$15.10	
50 x 914	IMX 1x 60/ 80/ 120 Grit	75606589	8010626032950	1	\$15.23	
50mm x 1220mm						
50 x 1220	IMX 40 Grit	75606590	8010626032967	1	\$20.30	
50 x 1220	IMX 60 Grit	75606591	8010626032974	1	\$19.80	
50 x 1220	IMX 80 Grit	75606592	8010626032981	1	\$19.68	
50 x 1220	IMX 120 Grit	75606593	8010626032998	1	\$19.68	
50 x 1220	IMX 180 Grit	75606594	8010626033001	1	\$19.68	
50 x 1220	IMX 1x 60/ 80/ 120 Grit	75606595	8010626033018	1	\$19.80	

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
IMPERIAL DIY retail packs (continued)						
IMPERIAL - Wet & Dry Sheets - Packs of 5						
230mm x 280mm						
230 x 280	WEC 80 Grit	75606601	8010626032523	1	\$10.53	
230 x 280	WEC 120 Grit	75606602	8010626032547	1	\$8.54	
230 x 280	WEC 240 Grit	75606603	8010626033063	1	\$7.42	
230 x 280	WEC 400 Grit	75606620	8010626032554	1	\$7.42	
230 x 280	WEC 1200 Grit	75606596	8010626032561	1	\$7.42	
IMPERIAL - No Fill Sheets - Packs of 5						
230mm x 280mm						
230 x 280	ASS 80 Grit	75606597	8010626033087	1	\$9.05	
230 x 280	ASS 120 Grit	75606604	8010626033094	1	\$7.80	
230 x 280	ASS 180 Grit	75606605	8010626033100	1	\$6.94	
230 x 280	ASS 240 Grit	75606606	8010626033117	1	\$6.94	
Coated Abrasive Belts						
File Sander Belts - Zirconia						
10 x 330	ZT 40 Grit	75435606	9324922003453	10	\$2.24	
10 x 330	ZT 60 Grit	75425043	9324922003460	10	\$2.14	
10 x 330	ZT 80 Grit	75425044	9324922003477	10	\$2.00	
10 x 330	ZX 100 Grit	75442466	9324922016125	10	\$2.00	
10 x 330	ZX 120 Grit	75425053	9324922003491	10	\$2.00	
12 x 610	ZT 40 Grit	75435607	9324922003521	10	\$2.98	
12 x 610	ZT 60 Grit	75435608	9324922003538	10	\$2.70	
12 x 610	ZT 80 Grit	75435609	9324922003545	10	\$2.54	
12 x 610	ZX 100 Grit	75442467	9324922003484	10	\$2.45	
12 x 610	ZX 120 Grit	75442468	9324922003569	10	\$2.45	
13 x 455	ZT 40 Grit	75435612	9324922003606	10	\$2.54	
13 x 455	ZT 60 Grit	75435613	9324922003613	10	\$2.24	
13 x 455	ZT 80 Grit	75415178	9324922003620	10	\$2.24	
13 x 455	ZX 100 Grit	75442469	9324922003637	10	\$2.14	
13 x 455	ZX 120 Grit	75442470	9324922003644	10	\$2.14	
20 x 520	ZT 40 Grit	75437254	9324922008748	10	\$2.70	
20 x 520	ZT 60 Grit	75437256	9324922010864	10	\$2.45	
20 x 520	ZT 80 Grit	75437257	9324922010871	10	\$2.45	
20 x 520	ZX 100 Grit	75436943	9324922010888	10	\$2.24	
20 x 520	ZX 120 Grit	75436596	9324922015746	10	\$2.24	
25 x 533	ZT 40 Grit	75435726	9324922010901	10	\$2.70	
25 x 533	ZT 60 Grit	75435727	9324922010918	10	\$2.24	
25 x 533	ZT 80 Grit	75435728	9324922010925	10	\$2.24	
25 x 533	ZX 100 Grit	75442471	9324922010932	10	\$2.24	
25 x 533	ZX 120 Grit	75431808	9324922010949	10	\$2.24	
30 x 533	ZT 40 Grit	75435616	9324922003705	10	\$3.23	
30 x 533	ZT 60 Grit	75435617	9324922003712	10	\$2.98	
30 x 533	ZT 80 Grit	75435618	9324922003729	10	\$2.78	
30 x 533	ZX 100 Grit	75425539	9324922003736	10	\$2.70	
30 x 533	ZX 120 Grit	75431788	9324922003743	10	\$2.70	



Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image	
Coated Abrasive Belts (continued)							
File Sander Belts - Aluminium Oxide							
10 x 330	AX 40 Grit	75436524	4018875397527	10	\$2.07		
10 x 330	AT 60 Grit	75427121	9324922003583	10	\$2.00		
10 x 330	AT 80 Grit	75410874	9324922003590	10	\$2.00		
10 x 330	AX 100 Grit	75433234	9324922010963	10	\$2.00		
10 x 330	AX 120 Grit	75415122	9324922010970	10	\$2.00		
12 x 610	AT 60 Grit	75411920	9324922011045	10	\$2.70		
12 x 610	AT 80 Grit	75415135	9324922011052	10	\$2.54		
12 x 610	AX 100 Grit	75436749	9324922011069	10	\$2.54		
12 x 610	AX 120 Grit	75415108	9324922011076	10	\$2.31		
13 x 455	AX 40 Grit	75427136	9324922004832	10	\$2.31		
13 x 455	AT 60 Grit	75412012	9324922004948	10	\$2.45		
13 x 455	AT 80 Grit	75417434	9324922004955	10	\$2.24		
13 x 455	AX 100 Grit	75438125	9324922011083	10	\$2.07		
13 x 455	AX 120 Grit	75428591	9324922011090	10	\$2.07		
20 x 520	AX 40 Grit	75436646	9324922005082	10	\$2.45		
20 x 520	AT 60 Grit	75410677	9324922011106	10	\$2.54		
20 x 520	AT 80 Grit	75437213	9324922007673	10	\$2.45		
20 x 520	AX 120 Grit	75428578	9324922005075	10	\$2.45		
25 x 533	AX 40 Grit	75438169	9324922016460	10	\$2.56		
25 x 533	AT 60 Grit	75435737	9324922011120	10	\$2.54		
25 x 533	AT 80 Grit	75435738	9324922011137	10	\$2.45		
25 x 533	AX 100 Grit	75438126	9324922011144	10	\$2.45		
25 x 533	AX 120 Grit	75440877	9324922011151	10	\$2.45		
30 x 533	AX 40 Grit	75427029	9324922011168	10	\$2.93		
30 x 533	AT 60 Grit	75419209	9324922011175	10	\$2.98		
30 x 533	AT 80 Grit	75436333	9324922011182	10	\$2.98		
30 x 533	AX 100 Grit	75428433	9324922005594	10	\$2.70		
30 x 533	AX 120 Grit	75427122	9324922007086	10	\$2.70		
File Sander Belts - Silicon Carbide							
10 x 330	CX 40 Grit	75435740	9324922010987	10	\$2.21		
10 x 330	CX 60 Grit	75435741	9324922010994	10	\$2.21		
10 x 330	CX 80 Grit	75437177	9324922011007	10	\$2.21		
10 x 330	CX 100 Grit	75435742	9324922011014	10	\$2.21		
10 x 330	CX 120 Grit	75436410	9324922011021	10	\$2.21		
12 x 610	CX 40 Grit	75435745	9324922011199	10	\$2.62		
12 x 610	CX 60 Grit	75437284	9324922011205	10	\$2.62		
12 x 610	CX 80 Grit	75435746	9324922011212	10	\$2.71		
12 x 610	CX 100 Grit	75435747	9324922011229	10	\$2.71		
12 x 610	CX 120 Grit	75435748	9324922011236	10	\$2.71		
13 x 455	CX 40 Grit	75435749	9324922011243	10	\$2.63		
13 x 455	CX 60 Grit	75435750	9324922011250	10	\$2.63		
13 x 455	CX 80 Grit	75430309	9324922011267	10	\$2.63		
13 x 455	CX 120 Grit	75431188	9324922011281	10	\$2.63		
20 x 520	CX 40 Grit	75437021	9324922011298	10	\$2.63		
20 x 520	CX 60 Grit	75437230	9324922011304	10	\$2.63		
20 x 520	CX 80 Grit	75430347	9324922011311	10	\$2.63		
20 x 520	CX 100 Grit	75430483	9324922011328	10	\$2.63		
20 x 520	CX 120 Grit	75431178	9324922011335	10	\$2.63		
20 x 520	CX 150 Grit	75435272	9324922011342	10	\$2.63		
20 x 520	CX 180 Grit	75436526	9324922011359	10	\$2.63		
20 x 520	CX 240 Grit	75437231	9324922011366	10	\$2.63		
20 x 520	CX 320 Grit	75436340	9324922011373	10	\$2.63		
20 x 520	CX 400 Grit	75436534	9324922011380	10	\$2.63		

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
File Sander Belts - Silicon Carbide (continued)						
25 x 533	CX 40 Grit	75437233	9324922011397	10	\$3.39	
25 x 533	CX 60 Grit	75437234	9324922011403	10	\$3.20	
25 x 533	CX 80 Grit	75437235	9324922011410	10	\$3.20	
25 x 533	CX 100 Grit	75436522	9324922011427	10	\$3.20	
25 x 533	CX 120 Grit	75437236	9324922011434	10	\$3.20	
25 x 533	CX 150 Grit	75437219	9324922011441	10	\$3.20	
25 x 533	CX 180 Grit	75437237	9324922011458	10	\$3.20	
25 x 533	CX 240 Grit	75437238	9324922011465	10	\$3.20	
25 x 533	CX 320 Grit	75437239	9324922011472	10	\$3.20	
25 x 533	CX 400 Grit	75437240	9324922011489	10	\$3.20	
File Sander Belts - Black Cork						
20 x 520	CORK 400 Grit	75476836	9324922019829	10	\$3.46	
20 x 520	CORK 600 Grit	75476837	9324922019836	10	\$3.46	
20 x 520	CORK 800 Grit	75435722	9324922011618	10	\$3.46	
25 x 533	CORK 400 Grit	75476838	9324922019843	10	\$3.73	
25 x 533	CORK 600 Grit	75476839	9324922019812	10	\$3.73	
25 x 533	CORK 800 Grit	75435743	9324922011649	10	\$3.73	
File Sander Belts - Yellow Cork						
20 x 520	CORK YELLOW	75601540	9324922011687	10	\$4.02	
25 x 533	CORK YELLOW	75601541	9324922011694	10	\$4.38	
File Sander Belts - Surface Conditioning Material						
10 x 330	KV707T 100 COARSE (Brown)	75479444	9324922020078	10	\$5.56	
10 x 330	KV707T 180 MEDIUM (Maroon)	75410537	9324922020085	10	\$5.56	
10 x 330	KV707T 240 FINE (Blue)	75416082	9324922020092	10	\$5.56	
12 x 457	KV707T 100 COARSE (Brown)	75479445	9324922020108	10	\$7.24	
12 x 457	KV707T 180 MEDIUM (Maroon)	75464686	9324922020115	10	\$7.24	
12 x 457	KV707T 240 FINE (Blue)	75479446	9324922020122	10	\$7.24	
13 x 533	KV707T 100 COARSE (Brown)	75479450	9324922020177	10	\$9.55	
13 x 533	KV707T 180 MEDIUM (Maroon)	75479451	9324922020184	10	\$9.55	
13 x 533	KV707T 240 FINE (Blue)	75479452	9324922020191	10	\$9.55	
20 x 520	KV707T 100 COARSE (Brown)	75419050	9324922020139	10	\$8.82	
20 x 520	KV707T 180 MEDIUM (Maroon)	75414412	4018875034859	10	\$8.82	
20 x 520	KV707T 240 FINE (Blue)	75418985	4018875034866	10	\$8.82	
30 x 533	KV707T 100 COARSE (Brown)	75452267	4018875974148	10	\$13.01	
30 x 533	KV707T 180 MEDIUM (Maroon)	75447763	4018875523643	10	\$13.01	
30 x 533	KV707T 240 FINE (Blue)	75447764	4018875967058	10	\$13.01	
25 x 610	KV707T 100 COARSE (Brown)	75479447	9324922020146	10	\$12.49	
25 x 610	KV707T 180 MEDIUM (Maroon)	75479448	9324922020153	10	\$12.49	
25 x 610	KV707T 240 FINE (Blue)	75479449	9324922020160	10	\$12.49	



Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Portable Sanding Belts - Aluminium Oxide						
75 x 457	GXX 24 Grit	75601555	9324922008762	10	\$4.22	
75 x 457	GXX 36 Grit	75601556	9324922008779	10	\$4.22	
75 x 457	GXX 40 Grit	75600836	9324922006935	10	\$3.95	
75 x 457	GXX 60 Grit	75600837	9324922006942	10	\$3.95	
75 x 457	GXX 80 Grit	75600838	9324922006959	10	\$3.95	
75 x 457	GXX 100 Grit	75600839	9324922006966	10	\$3.95	
75 x 457	GXX 120 Grit	75600840	9324922006973	10	\$3.95	
75 x 457	GXX 150 Grit	75600841	9324922008786	10	\$3.95	
75 x 480	GXX 24 Grit	75600846	9324922012547	10	\$4.19	
75 x 480	GXX 36 Grit	75600847	9324922011953	10	\$4.19	
75 x 480	GXX 40 Grit	75600848	9324922011960	10	\$3.95	
75 x 480	GXX 60 Grit	75600849	9324922011977	10	\$3.95	
75 x 480	GXX 80 Grit	75600850	9324922011984	10	\$3.95	
75 x 480	GXX 100 Grit	75600843	9324922011991	10	\$3.95	
75 x 480	GXX 120 Grit	75600844	9324922012004	10	\$3.95	
75 x 480	GXX 150 Grit	75600845	9324922012011	10	\$3.95	
75 x 533	GXX 24 Grit	75600854	9324922012554	10	\$4.30	
75 x 533	GXX 36 Grit	75600855	9324922012028	10	\$4.30	
75 x 533	GXX 40 Grit	75600812	9324922003804	10	\$3.95	
75 x 533	GXX 60 Grit	75600813	9324922003811	10	\$3.95	
75 x 533	GXX 80 Grit	75600814	9324922003828	10	\$3.95	
75 x 533	GXX 100 Grit	75600811	9324922003835	10	\$3.95	
75 x 533	GXX 120 Grit	75600851	9324922003842	10	\$3.95	
75 x 533	GXX 150 Grit	75600852	9324922003859	10	\$3.95	
75 x 610	GXX 24 Grit	75600859	9324922011113	10	\$4.48	
75 x 610	GXX 36 Grit	75600860	9324922012035	10	\$4.48	
75 x 610	GXX 40 Grit	75600815	9324922003866	10	\$4.48	
75 x 610	GXX 60 Grit	75600824	9324922003873	10	\$4.30	
75 x 610	GXX 80 Grit	75600861	9324922003880	10	\$4.30	
75 x 610	GXX 100 Grit	75600862	9324922003897	10	\$4.30	
75 x 610	GXX 120 Grit	75600856	9324922003903	10	\$4.30	
75 x 610	GXX 150 Grit	75600857	9324922003910	10	\$4.30	
90 x 400	GXX 24 Grit	75601139	9324922012523	10	\$5.57	
90 x 400	GXX 36 Grit	75601140	9324922012042	10	\$5.57	
90 x 400	GXX 40 Grit	75600863	9324922012059	10	\$5.50	
90 x 400	GXX 60 Grit	75600864	9324922012066	10	\$5.50	
90 x 400	GXX 80 Grit	75600865	9324922012073	10	\$5.50	
90 x 400	GXX 100 Grit	75600866	9324922012080	10	\$5.50	
90 x 400	GXX 120 Grit	75600867	9324922012097	10	\$5.50	
90 x 400	GXX 150 Grit	75600868	9324922012103	10	\$5.50	
100 x 533	GXX 24 Grit	75600804	9324922003675	10	\$5.50	
100 x 533	GXX 36 Grit	75600805	9324922012110	10	\$5.50	
100 x 533	GXX 40 Grit	75600806	9324922003927	10	\$5.50	
100 x 533	GXX 60 Grit	75600807	9324922003934	10	\$5.50	
100 x 533	GXX 80 Grit	75600808	9324922003941	10	\$5.50	
100 x 533	GXX 100 Grit	75600803	9324922003958	10	\$5.50	
100 x 533	GXX 120 Grit	75600809	9324922003965	10	\$5.50	
100 x 533	GXX 150 Grit	75600810	9324922003972	10	\$5.50	
100 x 610	GXX 24 Grit	75600822	9324922004061	10	\$5.50	
100 x 610	GXX 36 Grit	75600823	9324922004078	10	\$5.50	
100 x 610	GXX 40 Grit	75600581	9324922003989	10	\$3.19	
100 x 610	GXX 60 Grit	75600583	9324922003996	10	\$3.19	
100 x 610	GXX 80 Grit	75600584	9324922004009	10	\$2.88	
100 x 610	GXX 100 Grit	75600579	9324922004016	10	\$2.88	
100 x 610	GXX 120 Grit	75600580	9324922004023	10	\$2.88	
100 x 610	GXX 150 Grit	75600582	9324922004030	10	\$2.88	




Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Portable Sanding Belts - Silicon Carbide						
75 x 610	CX 40 Grit	75436762	9324922012226	10	\$5.74	
75 x 610	CX 60 Grit	75429958	9324922012233	10	\$5.74	
75 x 610	CX 80 Grit	75436765	9324922012240	10	\$5.63	
75 x 610	CX 100 Grit	75436763	9324922012257	10	\$5.50	
75 x 610	CX 120 Grit	75436764	9324922012264	10	\$5.50	
75 x 610	CX 180 Grit	75436767	9324922012288	10	\$5.50	
75 x 610	CX 240 Grit	75437023	9324922012295	10	\$5.50	
75 x 610	CX 320 Grit	75436958	9324922012301	10	\$5.50	
75 x 610	CX 400 Grit	75437153	9324922012561	10	\$5.50	
Portable Sanding Belts - Black Cork						
75 x 533	CORK 400 Grit	75476841	9324922019850	10	\$7.29	
75 x 533	CORK 600 Grit	75476842	9324922019867	10	\$7.50	
75 x 533	CORK 800 Grit	75436385	9324922012332	10	\$7.50	
75 x 610	CORK 400 Grit	75476843	9324922019874	10	\$7.98	
75 x 610	CORK 600 Grit	75476844	9324922019881	10	\$8.19	
75 x 610	CORK 800 Grit	75436387	9324922012363	10	\$8.19	
100 x 533	CORK 400 Grit	75476845	9324922019898	10	\$9.76	
100 x 533	CORK 600 Grit	75476846	9324922019904	10	\$10.08	
100 x 533	CORK 800 Grit	75436390	9324922012394	10	\$10.08	
100 x 610	CORK 400 Grit	75476847	9324922019911	10	\$10.50	
100 x 610	CORK 600 Grit	75476848	9324922019928	10	\$10.81	
100 x 610	CORK 800 Grit	75435785	9324922012424	10	\$10.81	
Portable Sanding Belts - Yellow Cork						
75 x 533	CORK YELLOW	75601001	9324922012431	10	\$10.14	
75 x 610	CORK YELLOW	75601005	9324922012448	10	\$11.40	
100 x 533	CORK YELLOW	75601006	9324922012455	10	\$13.13	
100 x 610	CORK YELLOW	75601002	9324922012462	10	\$8.99	
Abrasive Linishing Belts - Aluminium Oxide - General Purpose						
50 x 914	AX 24 Grit	75435932	9324922018792	12	\$7.91	
50 x 914	AX 36 Grit	75435933	9324922018822	12	\$7.04	
50 x 914	AX 40 Grit	75435934	9324922018839	12	\$6.87	
50 x 914	AX 60 Grit	75435935	9324922018846	12	\$6.54	
50 x 914	AX 80 Grit	75435936	9324922018853	12	\$6.42	
50 x 914	AX 100 Grit	75435937	9324922018754	12	\$6.37	
50 x 914	AX 120 Grit	75435938	9324922018761	12	\$6.37	
50 x 914	AX 150 Grit	75435939	9324922018778	12	\$6.37	
50 x 914	AX 180 Grit	75435940	9324922018785	12	\$6.37	
50 x 914	AX 240 Grit	75435941	9324922018808	12	\$6.37	
50 x 914	AX 320 Grit	75437221	9324922018815	12	\$6.37	
50 x 1220	AX 24 Grit	75435942	9324922018457	12	\$8.88	
50 x 1220	AX 36 Grit	75435943	9324922018471	12	\$8.40	
50 x 1220	AX 40 Grit	75439716	9324922018488	12	\$8.19	
50 x 1220	AX 60 Grit	75401493	4018875355794	12	\$7.73	
50 x 1220	AX 80 Grit	75403019	4018875355800	12	\$7.57	
50 x 1220	AX 100 Grit	75414627	4018875376393	12	\$7.36	
50 x 1220	AX 120 Grit	75418656	4018875825501	12	\$7.36	
50 x 1220	AX 150 Grit	75401414	4018875458099	12	\$7.36	
50 x 1220	AX 180 Grit	75403361	9324922018440	12	\$7.46	
50 x 1220	AX 240 Grit	75435944	9324922018464	12	\$7.46	
50 x 1220	AX 320 Grit	75432305	4018875437285	12	\$7.46	
50 x 1520	AX 24 Grit	75465795	9324922019065	12	\$9.33	
50 x 1520	AX 36 Grit	75435945	9324922018556	12	\$7.99	
50 x 1520	AX 40 Grit	75435946	9324922018563	12	\$7.77	
50 x 1520	AX 60 Grit	75435947	9324922018570	12	\$7.26	
50 x 1520	AX 80 Grit	75442685	9324922018587	12	\$7.16	
50 x 1520	AX 100 Grit	75435103	9324922018495	12	\$6.93	



Coated

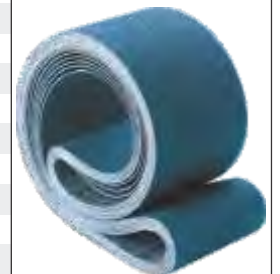
Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Aluminium Oxide						
General Purpose (continued)						
50 x 1520	AX 120 Grit	75435948	9324922018501	12	\$6.93	
50 x 1520	AX 150 Grit	75444979	9324922018518	12	\$6.93	
50 x 1520	AX 180 Grit	75435949	9324922018525	12	\$6.93	
50 x 1520	AX 240 Grit	75435950	9324922018532	12	\$6.93	
50 x 1520	AX 320 Grit	75435951	9324922018549	12	\$6.93	
50 x 2440	AX 24 Grit	75436211	9324922012509	12	\$12.59	
50 x 2440	AX 36 Grit	75435952	9324922018655	12	\$11.75	
50 x 2440	AX 40 Grit	75435953	9324922018662	12	\$11.31	
50 x 2440	AX 60 Grit	75435954	9324922018679	12	\$10.45	
50 x 2440	AX 80 Grit	75428222	9324922018686	12	\$10.00	
50 x 2440	AX 100 Grit	75435955	9324922018594	12	\$9.83	
50 x 2440	AX 120 Grit	75440344	9324922018600	12	\$9.83	
50 x 2440	AX 150 Grit	75435956	9324922018617	12	\$9.83	
50 x 2440	AX 180 Grit	75435957	9324922018624	12	\$9.83	
50 x 2440	AX 240 Grit	75435958	9324922018631	12	\$9.83	
50 x 2440	AX 320 Grit	75428905	9324922018648	12	\$9.83	
50 x 4270	AX 40 Grit	75462459	9324922018723	12	\$16.03	
50 x 4270	AX 60 Grit	75440339	9324922018730	12	\$14.54	
50 x 4270	AX 80 Grit	75435959	9324922018747	12	\$13.86	
50 x 4270	AX 100 Grit	75462460	9324922018693	12	\$12.65	
50 x 4270	AX 120 Grit	75435960	9324922018709	12	\$12.65	
50 x 4270	AX 150 Grit	75466765	9324922019935	12	\$12.65	
50 x 4270	AX 180 Grit	75472268	9324922019072	12	\$12.65	
50 x 4270	AX 240 Grit	75435961	9324922018716	12	\$12.65	
50 x 4270	AX 320 Grit	75437244	9324922019942	12	\$12.65	
75 x 2000	AX 24 Grit	75400916	4018875968123	12	\$15.87	
75 x 2000	AX 36 Grit	75417613	4018875027356	12	\$14.98	
75 x 2000	AX 40 Grit	75417160	4018875376645	12	\$14.54	
75 x 2000	AX 60 Grit	75417161	4018875317303	12	\$13.63	
75 x 2000	AX 80 Grit	75417162	4018875656365	12	\$13.19	
75 x 2000	AX 100 Grit	75404187	4018875517246	12	\$12.86	
75 x 2000	AX 120 Grit	75403788	4018875376669	12	\$12.86	
75 x 2000	AX 150 Grit	75404399	4018875027363	12	\$12.86	
75 x 2000	AX 180 Grit	75400753	4018875027370	12	\$12.86	
75 x 2000	AX 240 Grit	75400792	4018875517260	12	\$12.86	
75 x 2000	AX 320 Grit	75417612	9324922018860	12	\$12.86	
90 x 400	AX 24 Grit	75437473	9324922018914	10	\$6.26	
90 x 400	AX 36 Grit	75436821	9324922018938	10	\$6.03	
90 x 400	AX 40 Grit	75438016	9324922018945	10	\$5.92	
90 x 400	AX 60 Grit	75435836	9324922018952	10	\$5.70	
90 x 400	AX 80 Grit	75436403	9324922018969	10	\$5.65	
90 x 400	AX 100 Grit	75444710	9324922018877	10	\$5.59	
90 x 400	AX 120 Grit	75435719	9324922018884	10	\$5.59	
90 x 400	AX 150 Grit	75436481	9324922018891	10	\$5.59	
90 x 400	AX 180 Grit	75435720	9324922018907	10	\$5.59	
90 x 400	AX 240 Grit	75436404	9324922018921	10	\$5.59	
90 x 400	AX 320 Grit	75436252	9324922012943	10	\$5.59	
100 x 914	AX 24 Grit	75478975	9324922020238	6	\$15.49	
100 x 914	AX 36 Grit	75435963	9324922018297	6	\$13.93	
100 x 914	AX 40 Grit	75435538	9324922018303	6	\$13.58	
100 x 914	AX 60 Grit	75435964	9324922018327	6	\$12.96	
100 x 914	AX 80 Grit	75435965	9324922018334	6	\$12.66	
100 x 914	AX 100 Grit	75435966	9324922018242	6	\$12.52	
100 x 914	AX 120 Grit	75427526	9324922018259	6	\$12.52	
100 x 914	AX 150 Grit	75456592	9324922019003	6	\$12.52	
100 x 914	AX 180 Grit	75435967	9324922018266	6	\$12.52	
100 x 914	AX 240 Grit	75435968	9324922018273	6	\$12.52	
100 x 914	AX 320 Grit	75437212	9324922018280	6	\$12.52	
100 x 1220	AX 24 Grit	75458359	9324922017917	6	\$15.89	
100 x 1220	AX 36 Grit	75404295	4018875406281	6	\$14.92	

Coated

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 1220	AX 40 Grit	75417620	9324922017931	6	\$12.52		
100 x 1220	AX 60 Grit	75402529	4018875288115	6	\$11.85		
100 x 1220	AX 80 Grit	75400894	4018875537633	6	\$11.51		
100 x 1220	AX 100 Grit	75400895	4018875406267	6	\$11.29		
100 x 1220	AX 120 Grit	75405128	4018875537695	6	\$11.29		
100 x 1220	AX 180 Grit	75418846	4018875674710	6	\$11.29		
100 x 1220	AX 240 Grit	75451640	9324922017924	6	\$11.29		
100 x 1220	AX 320 Grit	75428907	9324922018976	6	\$11.29		
100 x 1520	AX 24 Grit	75435974	9324922017962	6	\$17.78		
100 x 1520	AX 36 Grit	75426966	9324922017993	6	\$16.57		
100 x 1520	AX 40 Grit	75427727	9324922018006	6	\$16.03		
100 x 1520	AX 60 Grit	75427835	9324922018013	6	\$15.00		
100 x 1520	AX 80 Grit	75428187	9324922018020	6	\$14.47		
100 x 1520	AX 100 Grit	75472255	9324922018983	6	\$14.17		
100 x 1520	AX 120 Grit	75435975	9324922017948	6	\$14.17		
100 x 1520	AX 150 Grit	75472258	9324922018990	6	\$14.17		
100 x 1520	AX 180 Grit	75466793	9324922017955	6	\$14.17		
100 x 1520	AX 240 Grit	75435976	9324922017979	6	\$14.17		
100 x 1520	AX 320 Grit	75440095	9324922017986	6	\$14.17		
100 x 2440	AX 24 Grit	75435977	9324922018075	6	\$23.56		
100 x 2440	AX 36 Grit	75435978	9324922018105	6	\$21.66		
100 x 2440	AX 40 Grit	75435979	9324922018112	6	\$20.77		
100 x 2440	AX 60 Grit	75427962	9324922018129	6	\$19.09		
100 x 2440	AX 80 Grit	75441172	9324922018136	6	\$18.29		
100 x 2440	AX 100 Grit	75435980	9324922018037	6	\$17.82		
100 x 2440	AX 120 Grit	75441173	9324922018044	6	\$17.82		
100 x 2440	AX 150 Grit	75435981	9324922018051	6	\$17.82		
100 x 2440	AX 180 Grit	75442494	9324922018068	6	\$17.82		
100 x 2440	AX 240 Grit	75439717	9324922018082	6	\$17.82		
100 x 2440	AX 320 Grit	75442072	9324922018099	6	\$17.82		
100 x 4270	AX 36 Grit	75435982	9324922018204	6	\$32.10		
100 x 4270	AX 40 Grit	75453676	9324922018211	6	\$30.24		
100 x 4270	AX 60 Grit	75435983	9324922018228	6	\$27.28		
100 x 4270	AX 80 Grit	75435984	9324922018235	6	\$25.86		
100 x 4270	AX 100 Grit	75435985	9324922018143	6	\$25.00		
100 x 4270	AX 120 Grit	75435986	9324922018150	6	\$25.00		
100 x 4270	AX 150 Grit	75447000	9324922018167	6	\$25.00		
100 x 4270	AX 180 Grit	75435987	9324922018174	6	\$25.00		
100 x 4270	AX 240 Grit	75435988	9324922018181	6	\$25.00		
100 x 4270	AX 320 Grit	75437208	9324922018198	6	\$25.00		
150 x 1220	AX 24 Grit	75426830	9324922018341	6	\$21.39		
150 x 1220	AX 36 Grit	75426904	9324922018365	6	\$19.98		
150 x 1220	AX 40 Grit	75410207	4018875028308	6	\$19.29		
150 x 1220	AX 60 Grit	75427837	4018875458136	6	\$18.02		
150 x 1220	AX 80 Grit	75410209	4018875517550	6	\$17.43		
150 x 1220	AX 100 Grit	75402441	4018875550472	6	\$17.05		
150 x 1220	AX 120 Grit	75417145	4018875055595	6	\$17.05		
150 x 1220	AX 150 Grit	75428675	9324922019027	6	\$17.05		
150 x 1220	AX 180 Grit	75428736	4018875852187	6	\$17.05		
150 x 1220	AX 240 Grit	75435989	4018875598276	6	\$17.05		
150 x 1220	AX 320 Grit	75434136	9324922018358	6	\$17.05		
150 x 1520	AX 24 Grit	75472262	9324922019041	6	\$23.74		
150 x 1520	AX 36 Grit	75435990	9324922018402	6	\$22.46		
150 x 1520	AX 40 Grit	75442827	9324922018419	6	\$21.63		
150 x 1520	AX 60 Grit	75428121	9324922018426	6	\$20.06		
150 x 1520	AX 80 Grit	75428402	9324922018433	6	\$19.29		
150 x 1520	AX 100 Grit	75428530	9324922019034	6	\$18.85		
150 x 1520	AX 120 Grit	75435991	9324922018372	6	\$18.85		
150 x 1520	AX 180 Grit	75435992	9324922018389	6	\$18.85		
150 x 1520	AX 240 Grit	75435993	9324922018396	6	\$18.85		

Coated




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	ZX 24 Grit	75436051	9324922005105	12	\$8.42	
50 x 914	ZX 36 Grit	75436052	9324922005112	12	\$7.87	
50 x 914	ZX 40 Grit	75436053	9324922005129	12	\$7.61	
50 x 914	ZX 60 Grit	75436055	9324922005143	12	\$7.02	
50 x 914	ZX 80 Grit	75436056	9324922005150	12	\$6.87	
50 x 914	ZX 100 Grit	75436057	9324922005167	12	\$6.87	
50 x 914	ZX 120 Grit	75436058	9324922005174	12	\$6.87	
50 x 1220	ZX 24 Grit	75436059	9324922005181	12	\$10.00	
50 x 1220	ZX 36 Grit	75436060	9324922005198	12	\$9.28	
50 x 1220	ZX 40 Grit	75436061	9324922005204	12	\$8.78	
50 x 1220	ZX 60 Grit	75405830	9324922005228	12	\$8.30	
50 x 1220	ZX 80 Grit	75409904	9324922005235	12	\$7.87	
50 x 1220	ZX 100 Grit	75436063	9324922005242	12	\$7.77	
50 x 1220	ZX 120 Grit	75436064	9324922005259	12	\$7.77	
50 x 1520	ZX 24 Grit	75436065	9324922005266	12	\$10.76	
50 x 1520	ZX 36 Grit	75436066	9324922005273	12	\$10.55	
50 x 1520	ZX 40 Grit	75436067	9324922005280	12	\$10.20	
50 x 1520	ZX 60 Grit	75436068	9324922005303	12	\$9.28	
50 x 1520	ZX 80 Grit	75436069	9324922005310	12	\$8.78	
50 x 1520	ZX 100 Grit	75436070	9324922005327	12	\$8.60	
50 x 1520	ZX 120 Grit	75436071	9324922005334	12	\$8.60	
50 x 2440	ZX 36 Grit	75436073	9324922005358	12	\$14.77	
50 x 2440	ZX 40 Grit	75436074	9324922005365	12	\$14.03	
50 x 2440	ZX 60 Grit	75436075	9324922005389	12	\$12.66	
50 x 2440	ZX 80 Grit	75436076	9324922005396	12	\$11.96	
50 x 2440	ZX 100 Grit	75436077	9324922005402	12	\$11.58	
50 x 2440	ZX 120 Grit	75436078	9324922005419	12	\$11.58	
75 x 2000	ZX 24 Grit	75415617	4018875524800	12	\$20.75	
75 x 2000	ZX 36 Grit	75415927	4018875043905	12	\$18.86	
75 x 2000	ZX 40 Grit	75415928	4018875043912	12	\$17.91	
75 x 2000	ZX 60 Grit	75415614	4018875043929	12	\$16.17	
75 x 2000	ZX 80 Grit	75415615	4018875043936	12	\$15.43	
75 x 2000	ZX 100 Grit	75415618	4018875043943	12	\$14.89	
75 x 2000	ZX 120 Grit	75415616	4018875043950	12	\$14.89	
100 x 914	ZX 24 Grit	75436086	9324922005426	6	\$16.54	
100 x 914	ZX 36 Grit	75436087	9324922005433	6	\$15.33	
100 x 914	ZX 40 Grit	75436088	9324922005440	6	\$14.77	
100 x 914	ZX 60 Grit	75436089	9324922005464	6	\$13.74	
100 x 914	ZX 80 Grit	75436090	9324922005471	6	\$13.24	
100 x 914	ZX 100 Grit	75436091	9324922005488	6	\$12.99	
100 x 914	ZX 120 Grit	75436092	9324922005495	6	\$12.99	
100 x 1220	ZX 24 Grit	75447492	4018875310557	6	\$19.21	
100 x 1220	ZX 36 Grit	75408379	4018875982143	6	\$17.15	
100 x 1220	ZX 40 Grit	75403318	4018875866764	6	\$16.72	
100 x 1220	ZX 60 Grit	75404296	4018875701225	6	\$15.40	
100 x 1220	ZX 80 Grit	75404297	4018875537602	6	\$14.56	
100 x 1220	ZX 100 Grit	75404298	4018875171653	6	\$14.24	
100 x 1220	ZX 120 Grit	75404299	4018875537619	6	\$14.24	
100 x 1520	ZX 24 Grit	75436096	9324922005600	6	\$22.66	
100 x 1520	ZX 36 Grit	75436097	9324922005617	6	\$20.75	
100 x 1520	ZX 40 Grit	75436098	9324922005624	6	\$19.83	
100 x 1520	ZX 60 Grit	75431709	9324922005648	6	\$18.11	
100 x 1520	ZX 80 Grit	75436099	9324922005655	6	\$17.44	
100 x 1520	ZX 100 Grit	75436100	9324922005662	6	\$16.85	
100 x 1520	ZX 120 Grit	75436101	9324922005679	6	\$16.85	
100 x 2440	ZX 24 Grit	75436102	9324922005686	6	\$32.17	
100 x 2440	ZX 36 Grit	75436103	9324922005693	6	\$29.17	
100 x 2440	ZX 40 Grit	75436104	9324922005709	6	\$27.54	
100 x 2440	ZX 60 Grit	75436105	9324922005723	6	\$24.95	
100 x 2440	ZX 80 Grit	75436106	9324922005730	6	\$23.55	
100 x 2440	ZX 100 Grit	75436107	9324922005747	6	\$22.66	
100 x 2440	ZX 120 Grit	75436108	9324922005754	6	\$22.66	



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	ZX 24 Grit	75431519	9324922005761	6	\$31.26	
150 x 1220	ZX 36 Grit	75431548	9324922005778	6	\$27.54	
150 x 1220	ZX 40 Grit	75436116	9324922005785	6	\$26.35	
150 x 1220	ZX 60 Grit	75418417	4018875061008	6	\$24.99	
150 x 1220	ZX 80 Grit	75431725	4018875400623	6	\$23.31	
150 x 1220	ZX 100 Grit	75436117	9324922005822	6	\$22.82	
150 x 1220	ZX 120 Grit	75431809	9324922005839	6	\$22.82	
150 x 1520	ZX 24 Grit	75436118	9324922005846	6	\$34.41	
150 x 1520	ZX 36 Grit	75436119	9324922005853	6	\$31.61	
150 x 1520	ZX 40 Grit	75436120	9324922005860	6	\$30.24	
150 x 1520	ZX 60 Grit	75436121	9324922005884	6	\$27.54	
150 x 1520	ZX 80 Grit	75431719	9324922005891	6	\$26.35	
150 x 1520	ZX 120 Grit	75436123	9324922005914	6	\$25.64	
150 x 2000	ZX 24 Grit	75415629	9324922013353	6	\$39.39	
150 x 2000	ZX 36 Grit	75415630	4018875525258	6	\$35.47	
150 x 2000	ZX 40 Grit	75415924	4018875044483	6	\$33.77	
150 x 2000	ZX 60 Grit	75415925	4018875356180	6	\$30.36	
150 x 2000	ZX 80 Grit	75415926	4018875044506	6	\$28.79	
150 x 2000	ZX 100 Grit	75403317	4018875382332	6	\$27.86	
150 x 2000	ZX 120 Grit	75415631	4018875044513	6	\$27.86	
Abrasive Linishing Belts - Zirconia - Premium Top Size						
50 x 914	ZXP 36 Grit	75436857	9324922005921	12	\$8.18	
50 x 914	ZXP 40 Grit	75436632	9324922005938	12	\$8.06	
50 x 914	ZXP 60 Grit	75436617	9324922005945	12	\$7.42	
50 x 914	ZXP 80 Grit	75436616	9324922005952	12	\$7.20	
50 x 1220	ZXP 36 Grit	75436858	9324922005969	12	\$9.70	
50 x 1220	ZXP 40 Grit	75436745	9324922005976	12	\$9.28	
50 x 1220	ZXP 60 Grit	75436859	9324922005983	12	\$8.60	
50 x 1220	ZXP 80 Grit	75436860	9324922005990	12	\$8.18	
75 x 2000	ZXP 36 Grit	75412368	9324922010444	12	\$22.77	
75 x 2000	ZXP 40 Grit	75402156	9324922013544	12	\$21.13	
75 x 2000	ZXP 60 Grit	75419364	4018875716151	12	\$17.06	
75 x 2000	ZXP 80 Grit	75403799	4018875463666	12	\$16.21	
100 x 914	ZXP 36 Grit	75436868	9324922006089	6	\$15.87	
100 x 914	ZXP 40 Grit	75436869	9324922006096	6	\$15.43	
100 x 914	ZXP 60 Grit	75435759	9324922006102	6	\$14.35	
100 x 914	ZXP 80 Grit	75436870	9324922006119	6	\$13.91	
100 x 1520	ZXP 36 Grit	75436872	9324922006164	6	\$21.67	
100 x 1520	ZXP 40 Grit	75436633	9324922006171	6	\$20.70	
100 x 1520	ZXP 60 Grit	75436587	9324922006188	6	\$18.97	
100 x 1520	ZXP 80 Grit	75436873	9324922006195	6	\$18.02	
Abrasive Linishing Belts - Ceramic/ Zirconia						
50 x 914	XZX 36 Grit	75464963	9324922015722	12	\$11.73	
50 x 914	XZX 40 Grit	75448825	9324922016415	12	\$10.56	
50 x 914	XZX 60 Grit	75448431	9324922016552	12	\$9.16	
50 x 914	XZX 80 Grit	75450878	9324922016569	12	\$8.61	
50 x 914	XZX 120 Grit	75472101	9324922019317	12	\$8.22	
50 x 1220	XZX 36 Grit	75463295	9324922016576	12	\$14.30	
50 x 1220	XZX 40 Grit	75450855	9324922016583	12	\$12.74	
50 x 1220	XZX 60 Grit	75447582	9324922016613	12	\$10.62	
50 x 1220	XZX 80 Grit	75448482	9324922016620	12	\$9.95	
50 x 1220	XZX 120 Grit	75472102	9324922019324	12	\$9.50	
50 x 2440	XZX 36 Grit	75448120	9324922016637	12	\$22.91	
50 x 2440	XZX 40 Grit	75448121	9324922016644	12	\$20.79	
50 x 2440	XZX 60 Grit	75448294	9324922016651	12	\$17.21	
50 x 2440	XZX 80 Grit	75467645	9324922016668	12	\$15.53	






Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Ceramic/ Zirconia (continued)						
75 x 2000	XZX 36 Grit	75447112	4018875054154	12	\$31.75	
75 x 2000	XZX 40 Grit	75450368	4018875957486	12	\$28.17	
75 x 2000	XZX 60 Grit	75433252	9324922016743	12	\$23.03	
75 x 2000	XZX 80 Grit	75432948	4018875209776	12	\$21.13	
100 x 914	XZX 36 Grit	75448828	9324922016750	6	\$21.80	
100 x 914	XZX 40 Grit	75451598	9324922016767	6	\$20.23	
100 x 914	XZX 60 Grit	75448829	9324922016774	6	\$17.55	
100 x 914	XZX 80 Grit	75454247	9324922016781	6	\$15.76	
100 x 1220	XZX 36 Grit	75457434	9324922016798	6	\$26.83	
100 x 1220	XZX 40 Grit	75464760	4018875639818	6	\$24.47	
100 x 1220	XZX 60 Grit	75457433	9324922016927	6	\$20.12	
100 x 1220	XZX 80 Grit	75458839	9324922016934	6	\$18.44	
100 x 1520	XZX 36 Grit	75457299	9324922016941	6	\$30.74	
100 x 1520	XZX 40 Grit	75465416	9324922016958	6	\$28.72	
100 x 1520	XZX 60 Grit	75452841	9324922016965	6	\$23.48	
100 x 1520	XZX 80 Grit	75454007	9324922016972	6	\$20.68	
150 x 2000	XZX 36 Grit	75468554	9324922016989	6	\$56.44	
150 x 2000	XZX 40 Grit	75467646	9324922016996	6	\$54.77	
150 x 2000	XZX 60 Grit	75451085	9324922017009	6	\$39.68	
150 x 2000	XZX 80 Grit	75456952	9324922017023	6	\$35.77	
Abrasive Linishing Belts - Full Ceramic with Topsize						
50 x 914	XKX 24 Grit	75454188	9324922019331	12	\$17.33	
50 x 914	XKX 36 Grit	75437403	9324922019348	12	\$13.97	
50 x 914	XKX 40 Grit	75436512	9324922019355	12	\$13.41	
50 x 914	XKX 60 Grit	75437181	9324922019362	12	\$11.18	
50 x 914	XKX 80 Grit	75436513	9324922019379	12	\$10.39	
50 x 914	XKX 120 Grit	75436514	9324922019386	12	\$10.17	
50 x 1220	XKX 24 Grit	75453514	9324922019393	12	\$22.99	
50 x 1220	XKX 36 Grit	75437154	9324922019409	12	\$20.11	
50 x 1220	XKX 40 Grit	75436515	9324922019416	12	\$18.47	
50 x 1220	XKX 60 Grit	75436516	9324922019423	12	\$14.11	
50 x 1220	XKX 80 Grit	75436517	9324922019430	12	\$12.96	
50 x 1220	XKX 120 Grit	75436518	9324922019447	12	\$12.24	
50 x 2440	XKX 36 Grit	75437303	9324922019461	12	\$33.14	
50 x 2440	XKX 40 Grit	75438804	9324922019478	12	\$30.24	
50 x 2440	XKX 60 Grit	75441232	9324922019485	12	\$23.21	
50 x 2440	XKX 80 Grit	75436674	9324922019492	12	\$20.87	
50 x 2440	XKX 120 Grit	75436677	9324922019454	12	\$19.16	
75 x 2000	XKX 36 Grit	75412124	4018875380109	12	\$42.10	
75 x 2000	XKX 40 Grit	75409761	4018875353929	12	\$39.95	
75 x 2000	XKX 60 Grit	75409709	4018875349724	12	\$31.30	
75 x 2000	XKX 80 Grit	75409710	4018875343760	12	\$28.43	
75 x 2000	XKX 120 Grit	75410714	4018875330487	12	\$24.46	
100 x 914	XKX 40 Grit	75453475	9324922019508	6	\$30.18	
100 x 914	XKX 60 Grit	75442896	9324922019515	6	\$23.07	
100 x 914	XKX 80 Grit	75452315	9324922019522	6	\$20.84	
100 x 914	XKX 120 Grit	75445730	9324922019539	6	\$20.29	
100 x 1220	XKX 40 Grit	75443717	4018875724194	6	\$35.87	
100 x 1220	XKX 60 Grit	75439713	4018875433638	6	\$27.55	
100 x 1220	XKX 80 Grit	75447473	4018875567876	6	\$24.46	
100 x 1220	XKX 120 Grit	75439714	4018875545409	6	\$23.91	
100 x 1520	XKX 24 Grit	75445566	9324922019546	6	\$49.23	
100 x 1520	XKX 36 Grit	75431924	9324922019553	6	\$39.69	
100 x 1520	XKX 40 Grit	75436531	9324922019560	6	\$39.62	
100 x 1520	XKX 60 Grit	75433939	9324922019577	6	\$30.84	
100 x 1520	XKX 80 Grit	75437439	9324922019584	6	\$27.92	
100 x 1520	XKX 120 Grit	75441255	9324922019591	6	\$25.56	


Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Coated Abrasive Belts (continued)						
Abrasive Linishing Belts - Full Ceramic with Topsize (continued)						
150 x 2000	XKX 36 Grit	75431906	4018875377611	6	\$84.92	
150 x 2000	XKX 40 Grit	75409763	4018875353950	6	\$77.06	
150 x 2000	XKX 60 Grit	75409719	4018875351147	6	\$57.65	
150 x 2000	XKX 80 Grit	75409720	4018875351154	6	\$51.48	
150 x 2000	XKX 120 Grit	75410716	4018875377628	6	\$49.76	
Abrasive Linishing Belts - Surface Conditioning Material						
50 x 915	SCMC COARSE (Brown) 100 Grit	75600974	9324922007475	2	\$24.57	
50 x 915	SCMM MEDIUM (Maroon) 180 Grit	75600975	9324922007499	2	\$24.57	
50 x 915	SCMF FINE (Blue) 240 Grit	75600976	9324922007482	2	\$24.57	
50 x 1220	SCMC COARSE (Brown) 100 Grit	75600977	9324922007444	2	\$31.49	
50 x 1220	SCMM MEDIUM (Maroon) 180 Grit	75600978	9324922007468	2	\$31.49	
50 x 1220	SCMF FINE (Blue) 240 Grit	75600979	9324922007451	2	\$31.49	
50 x 1520	SCMC COARSE (Brown) 100 Grit	75600980	9324922013698	2	\$38.28	
50 x 1520	SCMM MEDIUM (Maroon) 180 Grit	75600981	9324922013704	2	\$38.28	
50 x 1520	SCMF FINE (Blue) 240 Grit	75601150	9324922013711	2	\$38.28	
50 x 2440	SCMC COARSE (Brown) 100 Grit	75600923	9324922013728	2	\$59.20	
50 x 2440	SCMM MEDIUM (Maroon) 180 Grit	75600982	9324922013735	2	\$59.20	
50 x 2440	SCMF FINE (Blue) 240 Grit	75600983	9324922013742	2	\$59.20	
90 x 400	SCMC COARSE (Brown) 100 Grit	75600984	9324922013759	2	\$20.21	
90 x 400	SCMM MEDIUM (Maroon) 180 Grit	75600985	9324922013766	2	\$20.21	
90 x 400	SCMF FINE (Blue) 240 Grit	75600986	9324922013773	2	\$20.21	
100 x 915	SCMC COARSE (Brown) 100 Grit	75600987	9324922007413	2	\$46.16	
100 x 915	SCMM MEDIUM (Maroon) 180 Grit	75600988	9324922007437	2	\$46.16	
100 x 915	SCMF FINE (Blue) 240 Grit	75600989	9324922007420	2	\$46.16	
Floor Sanding Products						
Floor Sanding Belts - Aluminium Oxide - General Purpose						
200 x 480	GXK 24 Grit	75601384	9324922013872	10	\$6.99	
200 x 480	GXK 36 Grit	75601385	9324922013889	10	\$6.31	
200 x 480	GXK 40 Grit	75601542	9324922013896	10	\$6.09	
200 x 480	GXK 60 Grit	75601379	9324922013902	10	\$5.53	
200 x 480	GXK 80 Grit	75601380	9324922013919	10	\$5.53	
200 x 480	GXK 100 Grit	75601383	9324922013926	10	\$4.95	
200 x 480	GXK 120 Grit	75601693	9324922013933	10	\$5.01	

Coated

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	ZX 24 Grit	75435634	9324922014640	5	\$21.79	
200 x 750	ZX 36 Grit	75435635	9324922014657	5	\$19.83	
200 x 750	ZX 40 Grit	75435636	9324922014664	10	\$17.58	
200 x 750	ZX 60 Grit	75435637	9324922014671	10	\$15.33	
200 x 750	ZX 80 Grit	75435638	9324922014688	10	\$14.46	
200 x 750	ZX 100 Grit	75419898	9324922014695	10	\$14.46	
200 x 750	ZX 120 Grit	75435639	9324922014701	10	\$14.46	
250 x 750	ZX 24 Grit	75435653	9324922014718	5	\$26.68	
250 x 750	ZX 36 Grit	75413592	9324922014725	5	\$24.29	
250 x 750	ZX 40 Grit	75435654	9324922014732	10	\$21.48	
250 x 750	ZX 60 Grit	75435655	9324922014749	10	\$18.02	
250 x 750	ZX 80 Grit	75413593	9324922014756	10	\$16.85	
250 x 750	ZX 100 Grit	75435656	9324922014763	10	\$16.85	
250 x 750	ZX 120 Grit	75435657	9324922014770	10	\$16.85	
300 x 750	ZX 24 Grit	75435665	9324922014787	5	\$31.18	
300 x 750	ZX 36 Grit	75435666	9324922014794	5	\$28.38	
300 x 750	ZX 40 Grit	75435667	9324922014800	10	\$24.71	
300 x 750	ZX 60 Grit	75435668	9324922014817	10	\$20.50	
300 x 750	ZX 80 Grit	75435669	9324922014824	10	\$19.27	
300 x 750	ZX 100 Grit	75435670	9324922014831	10	\$19.27	
300 x 750	ZX 120 Grit	75435671	9324922014848	10	\$19.27	
300 x 800	ZX 24 Grit	75435679	9324922014855	5	\$32.71	
300 x 800	ZX 36 Grit	75435680	9324922014862	5	\$29.77	
300 x 800	ZX 40 Grit	75435681	9324922014879	10	\$26.10	
300 x 800	ZX 60 Grit	75435682	9324922014886	10	\$21.48	
300 x 800	ZX 80 Grit	75435683	9324922014893	10	\$20.08	
300 x 800	ZX 100 Grit	75435684	9324922014909	10	\$20.08	
300 x 800	ZX 120 Grit	75435685	9324922014916	10	\$20.08	
Floor Sanding Edger Discs - Paper - Aluminium Oxide						
180	FKA 40 Grit	75601095	9324922014923	50	\$2.73	
180	FKA 60 Grit	75600577	9324922014930	50	\$2.52	
180	FKA 80 Grit	75600578	9324922014947	50	\$2.41	
180	FKA 100 Grit	75600574	9324922006379	50	\$2.34	
180	FKA 120 Grit	75600575	9324922006386	50	\$2.34	
180	FKA 150 Grit	75600576	9324922006393	50	\$2.34	
Floor Sanding Edger Discs - Cloth - Aluminium Oxide						
180	GXK 24 Grit	75600735	9324922014954	50	\$2.35	
180	GXK 36 Grit	75600736	9324922015777	50	\$2.25	
180	GXK 40 Grit	75600737	9324922014978	50	\$1.98	
180	GXK 60 Grit	75600738	9324922015920	50	\$1.50	
180	GXK 80 Grit	75600739	9324922014992	50	\$1.50	
180	GXK 100 Grit	75600734	9324922015005	50	\$1.50	
180	GXK 120 Grit	75601575	9324922015012	50	\$1.50	
Floor Sanding Polyvac Discs - Paper - Aluminium Oxide						
406	FKA 40 Grit	75600892	9324922015043	50	\$8.67	
406	FKA 60 Grit	75600893	9324922015050	50	\$7.55	
406	FKA 80 Grit	75600894	9324922015067	50	\$7.05	
406	FKA 100 Grit	75600895	9324922015074	50	\$6.81	
406	FKA 120 Grit	75600896	9324922015081	50	\$6.81	
406	FKA 150 Grit	75600897	9324922015098	50	\$6.81	

Coated

Size mm	Description	Article Number	Barcode		List Price Ea. Excl. GST	Image
Floor Sanding Products (continued)						
Floor Sanding Screenback Discs - Economy						
406	SCREEN 80 Grit	75600899	9324922015111	10	\$7.05	
406	SCREEN 100 Grit	75600900	9324922015128	10	\$7.05	
406	SCREEN 120 Grit	75600901	9324922015135	10	\$7.05	
406	SCREEN 150 Grit	75600902	9324922015142	10	\$7.05	
406	SCREEN 180 Grit	75600903	9324922015159	10	\$7.05	
Floor Sanding Silverline Sheets - Aluminium Oxide Paper						
200 x 514	FKA 24 Grit	75600874	9324922006409	25	\$6.14	
200 x 514	FKA 36 Grit	75600875	9324922006416	25	\$5.67	
200 x 514	FKA 40 Grit	75600876	9324922006423	25	\$5.28	
200 x 514	FKA 60 Grit	75600877	9324922006430	25	\$4.61	
200 x 514	FKA 80 Grit	75600878	9324922006447	25	\$4.23	
200 x 514	FKA 100 Grit	75600879	9324922006454	25	\$3.96	
200 x 514	FKA 120 Grit	75600880	9324922006461	25	\$3.96	
200 x 514	FKA 150 Grit	75600881	9324922006478	50	\$3.96	
Floor Sanding Clarke Sheets - Aluminium Oxide Paper						
200 x 475	FKA 24 Grit	75600882	9324922006485	25	\$5.79	
200 x 475	FKA 36 Grit	75600883	9324922006492	25	\$5.45	
200 x 475	FKA 40 Grit	75600884	9324922006508	25	\$5.06	
200 x 475	FKA 60 Grit	75600885	9324922006515	25	\$4.30	
200 x 475	FKA 80 Grit	75600886	9324922006522	25	\$3.96	
200 x 475	FKA 100 Grit	75600887	9324922006539	25	\$3.66	
200 x 475	FKA 120 Grit	75600888	9324922006546	25	\$3.66	
200 x 475	FKA 150 Grit	75600889	9324922006553	25	\$3.66	
Floor Sanding Silicon Carbide Paper Rolls						
203 x 50M	CMB 40 Grit	75601518	9324922015289	1	\$309.75	
203 x 50M	CMB 60 Grit	75601466	9324922015296	1	\$263.11	
203 x 50M	CMB 80 Grit	75601467	9324922015302	1	\$257.13	
203 x 50M	CMB 100 Grit	75601468	9324922015319	1	\$251.16	
203 x 50M	CMB 120 Grit	75601500	9324922015326	1	\$251.16	
305 x 50M	CMB 40 Grit	75608642	9324922020061	1	\$466.42	
305 x 50M	CMB 60 Grit	75601454	9324922015418	1	\$394.66	
305 x 50M	CMB 80 Grit	75601455	9324922015425	1	\$382.71	
305 x 50M	CMB 100 Grit	75601456	9324922015432	1	\$370.75	
305 x 50M	CMB 120 Grit	75601502	9324922015449	1	\$370.75	
305 x 50M	CMB 150 Grit	75601517	9324922015456	1	\$370.75	

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 or manually-guided grinding

– Only permitted for use on totally enclosed machines



Not permitted for wet grinding



Read the instructions



Not permitted for face grinding



Wear eye protection



Do not use if damaged



Wear hearing protection



Only permitted with a back-up pad



Wear gloves

–

Only permitted for wet cutting



Wear a respirator

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 10minutes 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.

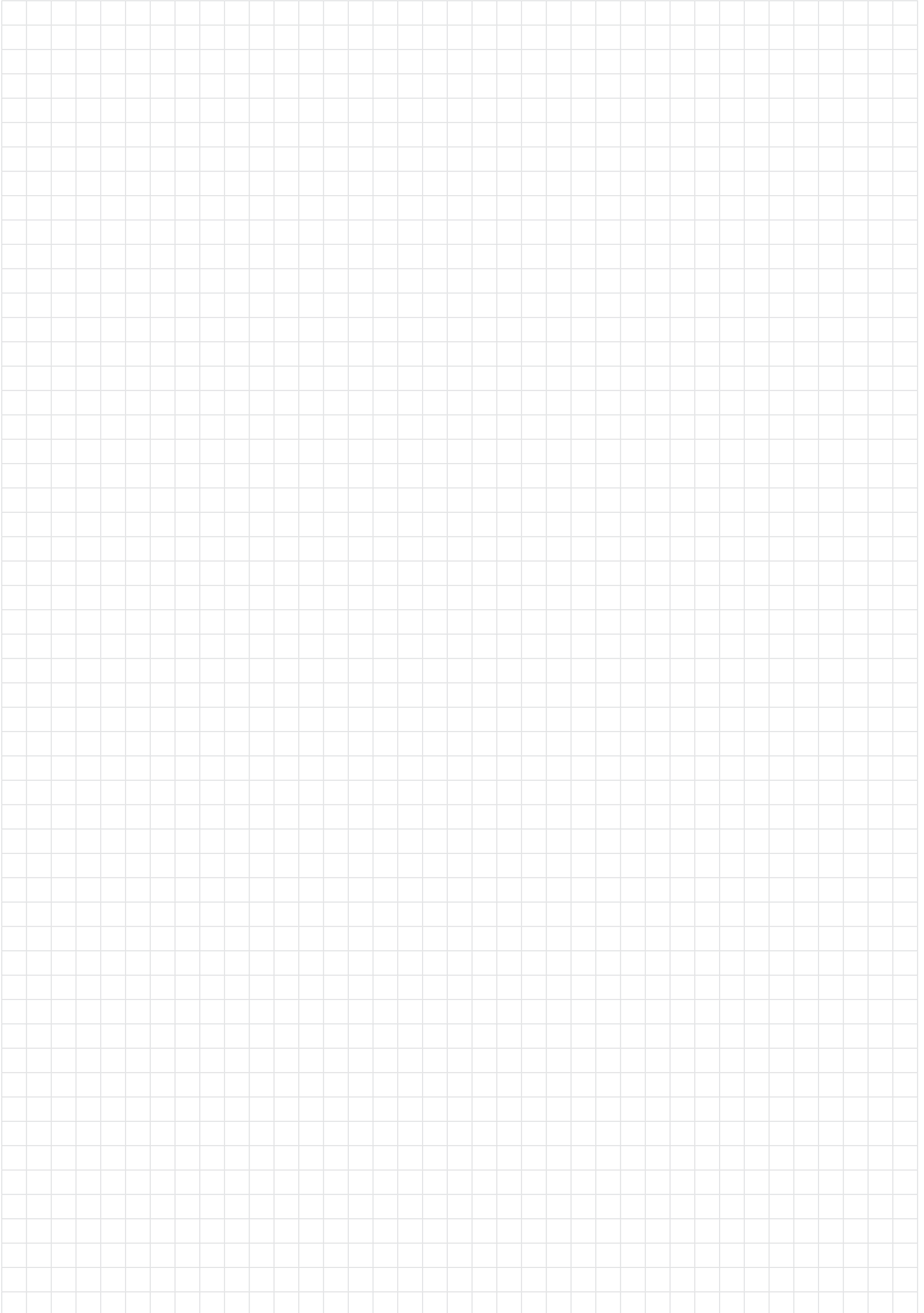
Disposal of abrasives

- 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.

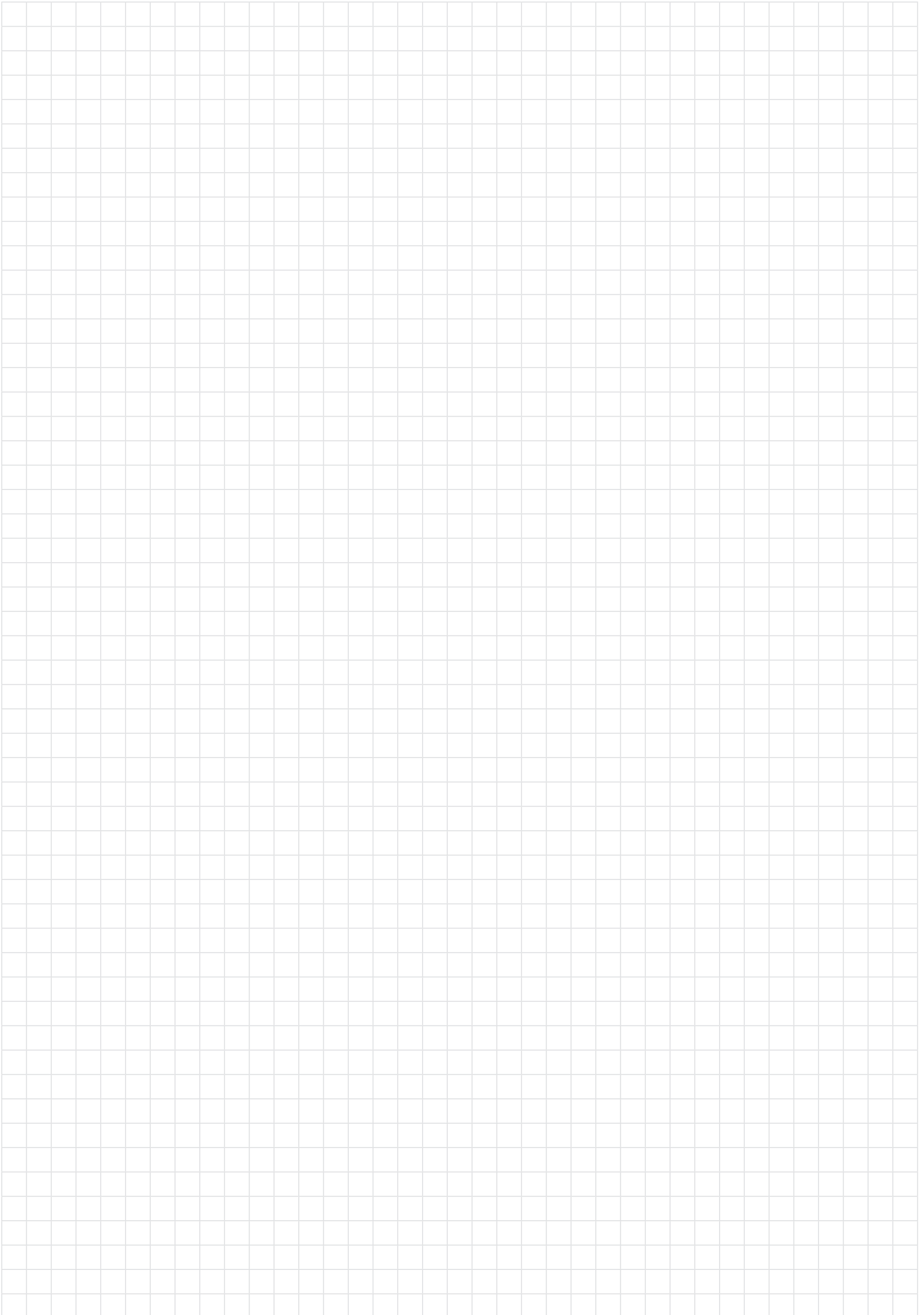
Important Notice:

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.

Notes



Notes



Our Most Important Tool is Made of Paper

Across all industries, our PFERD Tool Manual 22 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 22, 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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Visit PFERD Australia online at www.pferd.com.au

The web site 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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For F.I.S. (free into store) deliveries Australia wide, PFERD distributor orders must be a minimum of \$300.00 net. Orders placed under \$300.00 net will incur a freight charge. For a copy of the current PFERD Australia trading terms & conditions, and or product warranty, please contact PFERD Australia Pty Ltd on 1300 073 373

Product Guide Pricing

All prices are effective from the 12th of February 2018. 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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