



# RUDD

INDUSTRIAL



## ABRASIVES



PART OF SYNERGY CONSTRUCTION & INDUSTRIAL SUPPLY GROUP



## ABOUT US

Rudd Industrial is a supplier of products to mining, transport, engineering, manufacturing, construction and agriculture industries across Western Australia ; renown for our outstanding level of service and customer support along with the comprehensive product range.

We pride ourselves on being an extended part of your team, assisting in the supply of all your industrial product requirements. We strive in simplifying your procurement process by being a one stop shop for all you industrial supplies while providing you with expert advice which would result in higher efficiencies throughout your business process including purchasing, processing and accounting.

Our service is second to none in the industry and the stability of our core staff enables us to grow without impacting our existing high level of service. A strong work ethic, passion and commitment to high standards is instilled in all Rudd employees, who work tirelessly to meet job requirements.

Rudd Industrial is a part of Synergy Construction & Industrial Supply Group which is a 100% Australian owned conglomerate with 28 stores across Australia and over 40 member stores. Synergy Construction & Industrial Supply Group has a strong relationship over 130 preferred suppliers which provides competitive pricing for all its members.



# WHY CHOOSE US

At Rudd Industrial, we pride ourselves on being competitive, faster and more accurate than any other supplier. With management "at the front" on a daily basis, we are proactive in ensuring your demands are met and your expectations exceeded. The success of your business is as important to us as it is to you.



Access to a vast range of suppliers, our experienced sales staff is able to source an unlimited selection of products, reducing the workload of your own purchasing officers



Convenient locations for pickup and efficient warehouse delivery system ensuring on time delivery



All your industrial and workshop supplies at one location



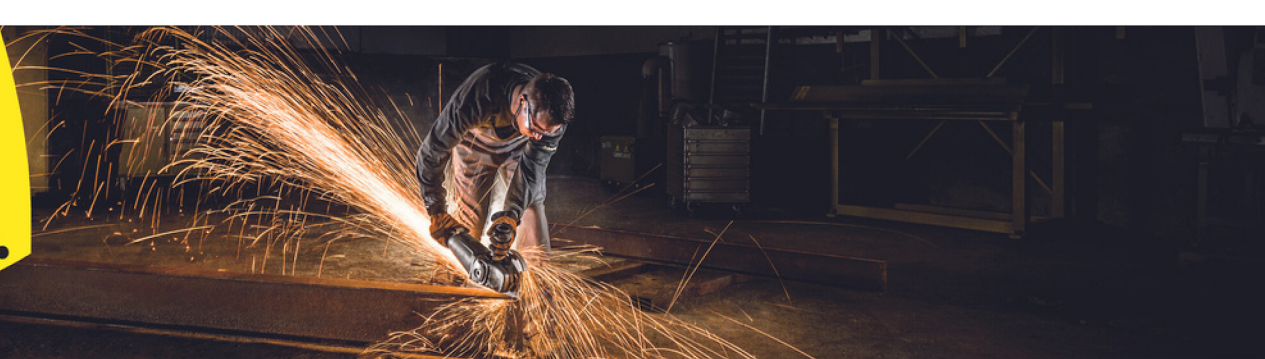
Professional and timely responses to all requests and enquiries making Rudd team as an extension of your own workforce



We stock a comprehensive range of products at competitive prices, reducing your suppliers and improving your efficiency



**Good.  
Safe.  
Klingspor.**



Cutting-off wheel

## A 24 R SUPRA



Class	SUPRA	Applications
Bond	■ ■ ■ ■ ■ ■ ■ ■	Steel ●
Aggression	■ ■ ■ ■ ■ ■ ■ ■	Stainless steel ①
Service life	■ ■ ■ ■ ■ ■ ■ ■	Castings ①

**Advantages:** Optimized combination for use on steel -  
Can be used on stainless steel - Good cutting properties

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
100 x 2.5 x 16	—	80 m/s	15300 rpm	25	70467
125 x 2.5 x 22,23	—	80 m/s	12200 rpm	25	328772
180 x 3 x 22,23	—	80 m/s	8500 rpm	25	328766
230 x 3 x 22,23	—	80 m/s	6600 rpm	25	328762

Cutting-off wheel

## A 630 N SUPRA



Class	SUPRA	Applications
Bond	■ ■ ■ ■ ■ ■ ■ ■	Steel ●
Aggression	■ ■ ■ ■ ■ ■ ■ ■	Stainless steel ①
Service life	■ ■ ■ ■ ■ ■ ■ ■	Aluminium ①
		Castings ①

**Advantages:** Aggressive model with an outstanding  
service life - An exceptional choice for the cutting of  
solid material - Bond optimized for universal use -  
Low thermal load - Minimum burr formation

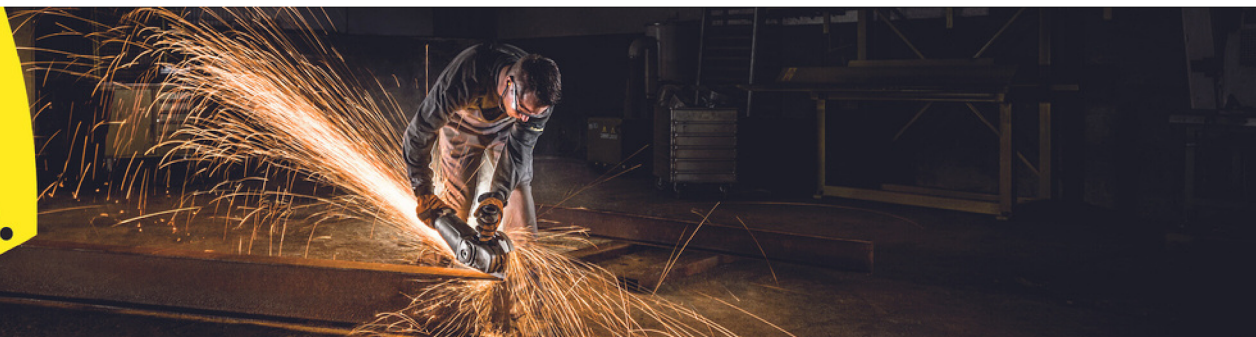


Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
356 x 2,5 x 25,4	—	80 m/s	4400 rpm	10	353324
406 x 3,2 x 25,4	—	80 m/s	3800 rpm	10	353328





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Cutting-off wheel

## A 60 TZ SPECIAL



Class	SPECIAL					Applications
Bond	■	■	■	■	■	Stainless steel ●
Aggression	■	■	■	■	■	Steel ●
Service life	■	■	■	■	■	NF metals ○



**Advantages:** Free of iron, sulfur and chlorine - Short cutting times - Minimal burr formation - Low thermal load



Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
100 x 1 x 16	—	80 m/s	15300 rpm	25	202402
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	202400
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	202401

Cutting-off wheel INOX

## A 46 TZ SPECIAL



Class	SPECIAL					Applications
Bond	■	■	■	■	■	Stainless steel ●
Aggression	■	■	■	■	■	Steel ●
Service life	■	■	■	■	■	



**Advantages:** Free of iron, sulphur and chlorine - Universal use on steel and stainless steel - First choice for professional applications and fast cutting of demanding materials

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	187171
180 x 1,6 x 22,23	—	80 m/s	8500 rpm	25	221161
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	224084



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Abrasive flap disc

## SMT 624 SUPRA

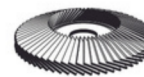


**Class** SUPRA

Aggression	■ ■ ■ ■ ■ ■ ■ □
Service life	■ ■ ■ ■ ■ □ □

**Applications**

Steel	●
Stainless steel	●



**Properties**

Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** Aggressive stock removal rate and comfortable grinding behaviour - For universal use in demanding grinding work on steel and stainless steel - Optimal removal rate when used on high power angle grinders

Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
125 x 22,23		36	80 m/s	12200 rpm	10	322771
125 x 22,23		40	80 m/s	12200 rpm	10	322772
125 x 22,23		60	80 m/s	12200 rpm	10	322774
125 x 22,23		80	80 m/s	12200 rpm	10	322775
125 x 22,23		120	80 m/s	12200 rpm	10	322776



Grinding disc

## A 24 R SUPRA



**Class** SUPRA

Bond	■ ■ ■ ■ □ □ □
Aggression	■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □

**Applications**

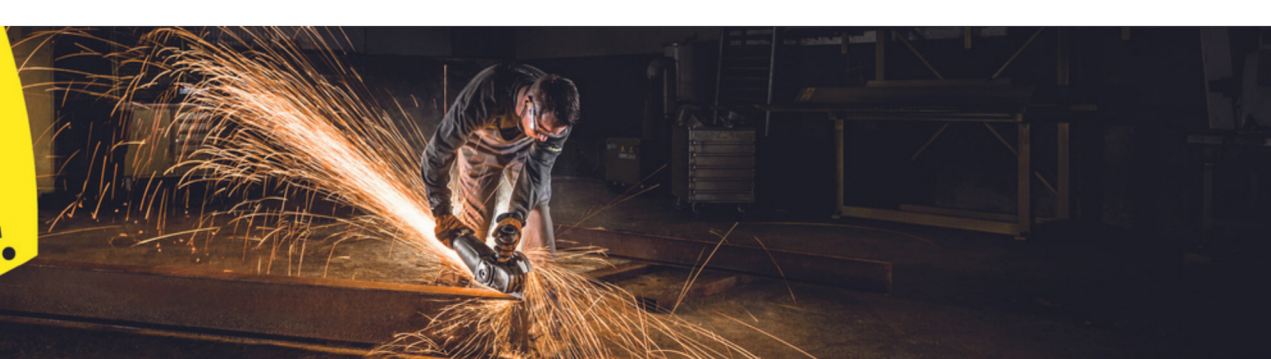
Steel	●
Stainless steel	○
Castings	○

**Advantages:** With optimised recipe for use on steel - Also suitable for use on stainless steel - Large product range

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number
100 x 6 x 16		80 m/s	15300 rpm	10	6578
125 x 6 x 22,23		80 m/s	12200 rpm	10	13402
180 x 7 x 22,23		80 m/s	8500 rpm	10	13413
230 x 6 x 22,23		80 m/s	6600 rpm	10	13433



**Good.  
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Klingspor.**



Abrasive fibre disc

## FS 964 ACT



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

### Applications

Steel	●
Stainless steel	●

**Advantages:** Premium product with excellent performance for working on steel - Micro-crystalline self-sharpening effect - High aggressiveness thanks to self-sharpening, aggressive ceramic grains throughout the service life - Outstanding grit adhesion - Advanced coating technology (ACT) for extraordinary grain adhesion and extended service life

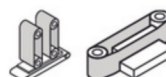


Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number
125 x 22	24	⊗ 30	25	330484
125 x 22	36	⊗ 30	25	330485
125 x 22	60	⊗ 30	25	330487
125 x 22	80	⊗ 30	25	330490
125 x 22	120	⊗ 30	25	330491
180 x 22	24	⊗ 30	25	330489
180 x 22	36	⊗ 30	25	330492
180 x 22	60	⊗ 30	25	330495



Abrasive cloth, waterproof

## CS 416 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Semi-open
Backing	Y-polyester

### Applications

Stainless steel	●
Plastic	●
NF metals	ⓘ

**Advantages:** Very high aggressiveness and abrasive performance - Long service life also when used on materials that cause clogging

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number
50 x 915	40	F4G	12	280622
50 x 915	60	F4G	12	280623
50 x 915	80	F4G	12	280624
50 x 915	120	F4G	12	280665

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Wheel brush, knotted wire

## BR 600 Z



### Applications

Steel	●
Stainless steel	●

**Advantages:** Wheel brush for pre- and post-processing of welding seams - For aggressive removal of scale, rust and slag - For heavy brushing and deburring work



Diameter x Width x Bore in mm	Fill material	Wire thickness in mm	Filament length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
125 x 14 x 22,23	Steel	0,50	22	24	12500 rpm	1	358312
125 x 14 x 22,23	Stainless steel	0,50	22	24	12500 rpm	1	358343

Cup brush with thread, knotted wire

## BT 600 Z



### Applications

Steel	●
Stainless steel	●

**Advantages:** For aggressive brushing work on large, flat surfaces - For preparing metal surfaces before varnishing - Stable knotted wire design for easy cleaning and removal of slag, rust, scale and concrete residue

Diameter in mm	Thread/Shaft	Fill material	Wire thickness in mm	Filament length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number
65	thread M14	Steel	0,35	22	18	12500 rpm	1	358334
65	thread M14	Steel	0,50	22	18	12500 rpm	1	358335
65	thread M14	Stainless steel	0,50	22	18	12500 rpm	1	358340
80	thread M14	Steel	0,50	22	20	8500 rpm	1	358337
100	thread M14	Steel	0,50	27	22	8500 rpm	1	358338



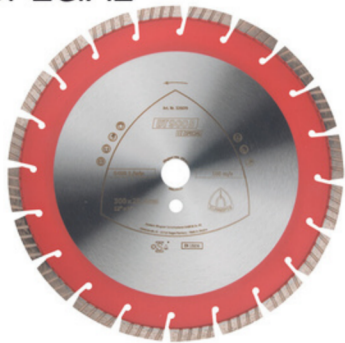


Good.  
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Diamond cutting blade

**DT 900 B**  
**SPECIAL**



Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ ■ ■ ■




Applications

Cured concrete, reinforced	●
Concrete, universal	●
Construction materials	●
Chalky sandstone	①

**Advantages:** High performance blade with ultra high cutting speed thanks to turbo segments - Specially engineered for effortless cutting through concrete - Further increased service life thanks to titanium-coated diamonds

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
350 x 25,4	100 m/s	5500 rpm	22 / 40 / 3 / 12	1	325081
400 x 25,4	100 m/s	4800 rpm	26 / 40 / 3,6 / 12	1	347490





**3M** Science.  
Applied to Life.™

# The right choice.

**3M™ Abrasives for Right-Angle Systems**

Cut, grind, finish and more... with a world-class abrasive system that helps you **work smarter, finish faster!**



**For speed, long life and ease of use,  
nothing comes close to the power of 3M™  
Cubitron™ II abrasives.**

For grinding, weld blending, deburring and other tough metal finishing jobs, 3M™ Cubitron™ II Abrasives outperform other discs – thanks to a breakthrough 3M technology that re-writes the rules for speed and abrasive life.

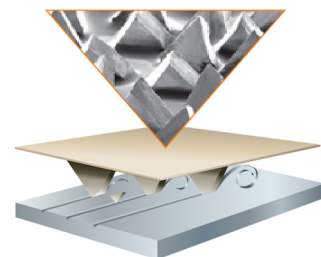
The secret lies in the revolutionary precision-shaped ceramic grain technology pioneered by 3M. As the triangular-shaped grain wears, it continuously fractures to form sharp points and edges that slice through metal, and provide a fast cut, long life and smooth-running feel.

## Choose the right disc for the job.

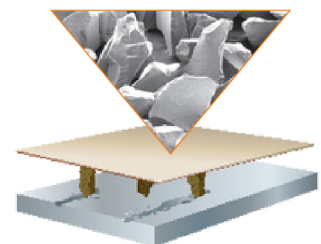


	Fibre Discs	Cut & Grind Wheels	Flap Discs	Cut-Off Wheels	Depressed Centre Grinding
Cutting		●		●	
Notching		●			
Gouging		●			
Fillet Weld Removal		●			●
Beveling	●	●	●		●
Flame Cut Smoothing	●	●			●
Scale Removal	●	●	●		●
Weld Removal	●	●	●		●
Contoured Areas	●		●		

- Recommended application  
● Additional application



3M precision-shaped grain uses 3M microreplication technology to form sharp peaks that easily “slice” through metal — cutting cooler, faster and lasting longer than conventional abrasive grain.



Conventional ceramic abrasive grain tends to “plough” through the metal, causing heat to build up in the workpiece and the abrasive — resulting in a slower cut and shorter disc life.

### Optimised for applications including:

- Grinding
- Weld removal
- Deburring
- Beveling
- Cutting
- Blending

### Used in industries such as:

- Ship building
- Structural steel
- General metal fabrication
- Oil and gas
- Agricultural, industrial and construction machinery
- Stainless steel fabrication

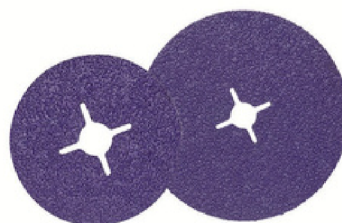


## 3M™ Cubitron™ II Fibre Discs

Re-engineered for Legendary Performance. While developing 3M™ Cubitron™ II Fibre Disc 982CX Pro, 3M engineers reformulated the ground-breaking technology behind 3M™ Cubitron™ II Abrasives. This re-engineered 3M Precision-Shaped Grain cuts even faster and last even longer, helping you boost productivity in your operation. The Full System Advantage 3M™ Cubitron™ II Fibre Disc 982CX Pro is part of a complete right angle system. When you combine 3M™ Cubitron™ II Discs with the 3M™ Pneumatic Angle Grinder and our disc pad face plates, you're setting yourself up for a new level of productivity with less vibration, noise and dust.

### 3M™ Cubitron™ II Fibre Disc 982CX ★★★★★

Size (mm)	Grade	Max. RPM	Ordering Code
100 x 16	36+	13,300	60440365819
115 x 22	36+	13,300	60440365793
125 x 22	36+	12,000	60440365785
180 x 22	36+	8,600	60440365777



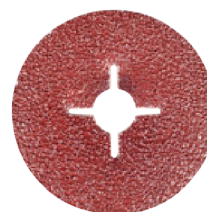
Cubitron II Fibre Discs are engineered to cut faster, cooler and with less grinding pressure than conventional abrasives. And they are long-lasting for increased productivity! Choose Cubitron II fibre discs 987C for cool running on stainless steel, high nickel alloys and superalloys. For mild steel applications, try our Cubitron II Fibre Discs 982C.

### 3M™ Cubitron™ II Fibre Discs 982C for mild steel ★★★★★

Size (mm)	Grade	Max. RPM	Ordering Code
100 x 16	36+	13,300	60440230021
100 x 16	60+	13,300	60440230039
100 x 16	80+	13,300	60440230047
115 x 22	36+	13,300	60440229288
115 x 22	60+	13,300	60440229353
115 x 22	80+	13,300	60440229379
125 x 22	36+	12,000	60440229270
125 x 22	60+	12,000	60440229361
125 x 22	80+	12,000	60440229403
180 x 22	36+	8,600	60440229262
180 x 22	60+	8,600	60440229379
180 x 22	80+	8,600	60440229411

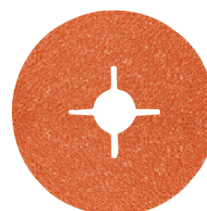
#### ► Tech Tip

Use 3M™ Ribbed Back-Up Pads to optimise product life of Cubitron II Fibre Discs.



### 3M™ Cubitron™ II Fibre Discs 987C for stainless steel ★★★★★

Size (mm)	Grade	Max. RPM	Ordering Code
100 x 16	36+	13,300	60440230054
100 x 16	60+	13,300	60440230062
100 x 16	80+	13,300	60440230070
115 x 22	36+	13,300	60440229312
115 x 22	60+	13,300	60440229577
115 x 22	80+	13,300	60440229619
125 x 22	36+	12,000	60440229304
125 x 22	60+	12,000	60440229585
125 x 22	80+	12,000	60440229627
180 x 22	36+	8,600	60440229296
180 x 22	60+	8,600	60440229593
180 x 22	80+	8,600	60440229635



## 3M™ Cut-Off Wheels

### 3M™ Cubitron™ II Cut-Off Wheel

#### Cut to the chase

Cubitron II Cut-Off Wheels are designed to provide high cut rates on all types of ferrous metals, stainless steels, alloy steels and cast iron. They offer long life to help reduce cost. Plus, their fast, cool cutting action helps make your job easier!

#### 3M™ Cubitron™ II Cut-Off Wheel ★★★★★

Size (mm)	Type	Max. RPM	Carton QTY	Ordering Code
125 x 1 x 22	41	12,250	50	UU009069525

#### 3M™ Silver Cut-Off Wheels ★★★★★

An unbeatable combination of performance & value. 3M Silver Cut-Off Wheels represent a new class of right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain, designed for everyday high performance. Offering a faster cut and longer life than aluminium oxide and alumina zirconia wheels.

Size (mm)	Type	Max. RPM	Ordering Code
100 x 1 x 16	41	15,300	UU009596881
115 x 1 x 22	41	13,300	UU009596907
125 x 1 x 22	41	12,250	UU009597111
180 x 2 x 22	41	8,500	UU009610401
230 x 2 x 22	41	6,650	XC991584910
100 x 2.5 x 16	41	15,300	UU009597145
115 x 2.5 x 22	41	13,300	XC991584928
125 x 1.6 x 22	41	12,250	UU009597129
125 x 2.5 x 22	41	12,250	XC991584936
180 x 2.5 x 22	41	8,500	XC991584944
230 x 2.5 x 22	41	6,650	XC991584951
Bucket - 125 x 1 x 22.23	41	12,250	AC019441313





# Depressed Centre Rigid Grinding Wheels

## Go the distance

### 3M™ Cubitron™ II Depressed Centre Rigid Grinding Wheels ★★★★★

Cubitron II Depressed Centre Grinding Wheels are fast cutting, long lasting and require less pressure. These cool cutting wheels are ideal for heavy grinding and weld removal. Specially formulated for use on stainless and mild steel. With 3M precision-shaped grain technology that transforms the process of grinding metal.



*New improved construction offers even greater durability and longer life. Same smooth-running feel.*

Size (mm)	Type	Max. RPM	Ordering Code
100 x 6 x 16	27	15,300	XC991187953
115 x 7 x 22	27	13,300	XC991188001
125 x 7 x 22	27	12,250	XC991187995
180 x 7 x 22	27	8,500	XC991187979
230 x 7 x 22	27	6,650	XC991187961



### 3M™ Silver Depressed Centre Rigid Grinding Wheels ★★★★★

An unbeatable combination of performance & value. 3M Silver Grinding Wheels represent a new class of right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain, designed for everyday high performance. Offering a faster cut and longer life than aluminium oxide and alumina zirconia wheels.

Size (mm)	Type	Max. RPM	Ordering Code
100 x 7 x 16	27	15,300	UU009014893
115 x 7 x 22	27	13,300	UU009014901
125 x 7 x 22	27	12,250	UU009017318
180 x 7 x 22	27	8,500	UU009017334
230 x 7 x 22	27	6,650	UU009017342



### 3M™ Type WA Rigid Grinding Discs ★★★★★

Constructed with premium white aluminium oxide abrasive mineral, these discs are designed for lighter duty grinding and blending work. Use on stainless steel and mild steel.

Size (mm)	Grade	Type	Max. RPM	Ordering Code
125 x 6 x 22	P24G	27	12,250	XC002058771
230 x 7 x 22	P24G	27	6,650	XC002058722



## 3M™ Cubitron™ II Flexible Grinding Wheels

**The Gold standard of grinding performance & productivity ★★★★★**

The worlds first flexible grinding wheel featuring 3M's revolutionary precision shaped grain. Designed to out-perform and out-last other flexible grinding wheels.

Size (mm)	Grade	Max. RPM	Ordering Code
100 x 3 x 16	36+	15,300	XC002071725
115 x 3 x 22	36+	13,300	XC002071758
125 x 3 x 22	36+	12,250	XC002071782
125 x 3 x 22	60+	12,250	XC002071790
180 x 4 x 22	60+	8,500	XC002071824

Note: 1 Back-up Pad supplied in every carton



## 3M™ Flap Discs

**3M™ Flap Discs 769F ★★★★★**

An unbeatable combination of performance & value. 3M Flap Discs 769F represent a new class of right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain, designed for everyday high performance. Offering a faster cut and longer life than aluminium oxide and alumina zirconia wheels.

Size (mm)	Grade	Type	Max. RPM	Ordering Code
115	40+	29	13,300	UU010000170
	60+	29		UU010000204
	80+	29		UU010020327
	120+	29		UU010034625
125	40+	29	12,000	UU010034641
	60+	29		UU010034898
	80+	29		UU010034914
	120+	29		UU010034740
180	40+	29	8,600	UU010034773
	60+	29		UU010034799
	80+	29		UU010034500
	120+	29		UU010034492

### ► Tech Tip

3M Flap Discs will often produce a finish equivalent to the next-finer grade of a fibre disc (i.e., a 60 grit flap disc will usually leave a finish similar to an 80 grit fibre disc) – saving you time and finishing steps!



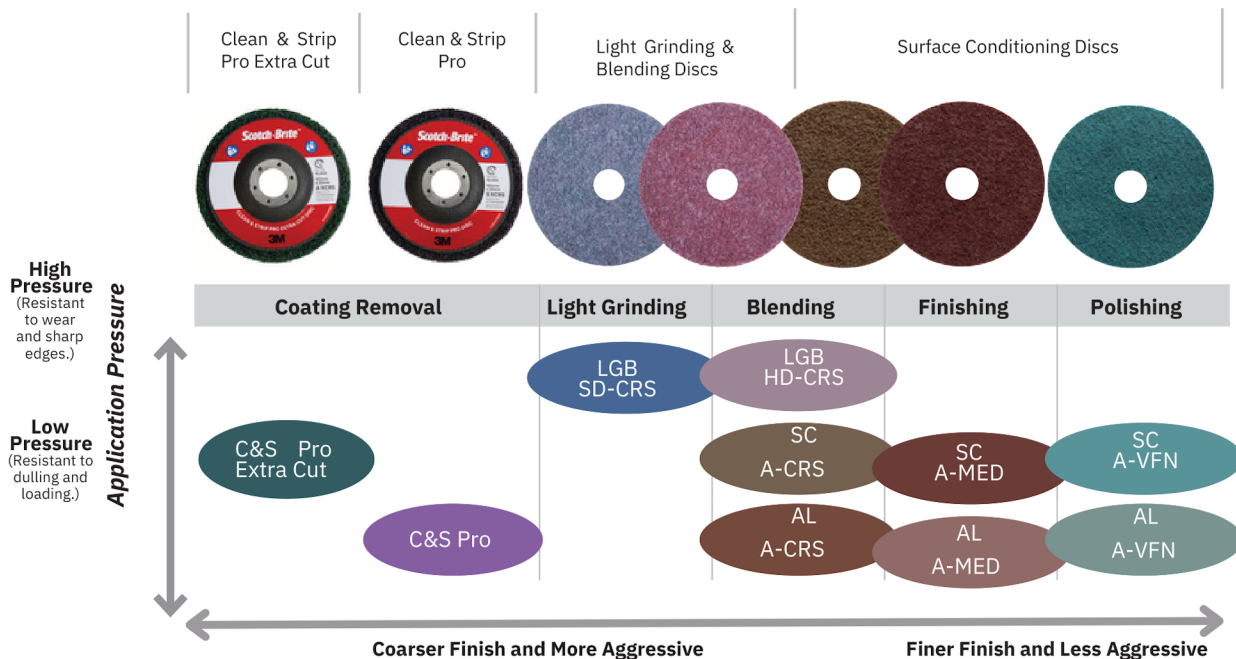




## Quality finishes. Made easy.

Scotch-Brite products feature an open-web construction that resists loading and helps you improve surfaces without significantly changing the shape or dimension of the workpiece.

Choose the right disc for the job



## Scotch-Brite™ Hand Pads

Scotch-Brite Hand Pads are ideal for cleaning parts, deburring, hand blending and scuffing prior to painting. A great alternative to steel wool – no rust or splintering! Hand pads have a durable web construction that gives you a fast, consistent scuff for everyday surface preparation. Combining flexibility with effective cutting action and precise hand control to accomplish tough cleaning jobs or produce fine finishing results. use after use.

Size(mm)	Product	Grade	Colour	OrderingCode
150 x 230	7447	A-VFN	Maroon	XE006000006
150 x 230	7448	S-UFN	Light Grey	61500123247
150 x 230	7440	A-MED	Tan	61500301017
150 x 230	7446	S-MED	Grey	61500301025
150 x 230	7445	A-SFN	White	61500123213
150 x 230	8447	A-VFN	Maroon	61500136686



## Scotch-Brite™ Clean and Strip Discs

### Pro - Silicon Carbide

Tough Clean & Strip Pro discs are made with sharp silicon carbide mineral, perfect for cleaning. Maintains the workpiece shape while removing coatings, rust, paint and light mill scale. Low sparking and resists loading. The reinforced fibreglass plate allows you to quickly mount the disc to your angle grinder so you can get on with the job.

#### Scotch-Brite™ Clean & Strip Pro XT-DC Disc

Size (mm)	Grade	Colour	Type	Max. RPM	Ordering Code
100 x 16	S XCS	Purple	27 Rigid	13,000	AT019439663
115 x 22	S XCS	Purple	27 Rigid	13,000	AT019439671
125 x 22	S XCS	Purple	27 Rigid	12,000	AT019439689
178 x 22	S XCS	Purple	27 Rigid	8,500	AT019439697



### Pro Extra Cut - Aluminium Oxide

Clean & Strip Pro Extra Cut discs are made with hard aluminium oxide mineral and re-engineered web making a durable disc that cuts to bare metal quickly. Ideal for cleaning plus blending and surface preparation. Best for heavy rust and rust pit removal without leaving divots. Removes thick paint, coatings and refines to bare metal quickly. The reinforced fibreglass plate also allows you to quickly mount the disc to your angle grinder.

#### Scotch-Brite™ Clean & Strip Pro Extra Cut XT-DC Disc

Size (mm)	Grade	Colour	Type	Max. RPM	Ordering Code
100 x 16	A XCS	Green	27 Rigid	13,000	AT019439788
115 x 22	A XCS	Green	27 Rigid	13,000	AT019439796
125 x 22	A XCS	Green	27 Rigid	12,000	AT019439804
178 x 22	A XCS	Green	27 Rigid	8,500	AT019439812



## Scotch-Brite™ Light Grinding and Blending Discs

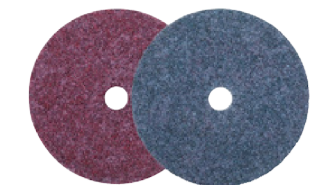
### FOR LIGHT GRINDING AND BLENDING

A durable disc constructed with 3M ceramic aluminum oxide blend abrasive grain, for an aggressive cut, long life and consistent finish. Use for light stock removal and aggressive blending operations. Resistant to edge wear and is ideal for light grinding applications to produce a burr-free and paintable finish.

#### Scotch-Brite™ Light Grinding & Blending Discs – Centre Hole

Size (mm)	Grade	Colour	Ordering Code
100 x 16	HD CRS	Maroon	61500292497
100 x 16	SD CRS	Blue	61500292505
115 x 22	HD CRS	Maroon	61500292448
115 x 22	SD CRS	Blue	61500292455
125 x 22	HD CRS	Maroon	61500292489
125 x 22	SD CRS	Blue	61500292539
180 x 22	HD CRS	Maroon	61500292596
180 x 22	SD CRS	Blue	61500292562

SD = Super Duty HD = Heavy Duty



#### ► Tech Tip

##### 2- Step Weld Removal & Prep for Paint

✓ **STEP 1:** Remove the weld with 3M Cubitron II Fibre Disc 982C grade 36+

✓ **STEP 2:** Finish with Scotch-Brite LGB SD Disc

✓ **READY FOR PAINT** (>3 mil)

**NOTE:** For best results, use with red (extra hard) or black (hard) 3M™ Fibre Disc Back-up Pad.



## Scotch-Brite™ Surface Conditioning Discs (SC)

### FOR GENERAL PURPOSE BLENDING

The ideal choice for general purpose surface conditioning, including finishing, cleaning and light deburring. Helps you achieve a consistent, paintable finish in fewer steps without damaging the base material. Durable open-web construction is designed to resist loading and greatly increase the life of the disc – so you don't have to change discs as often. Attaches and removes easily to 3M™ Hook-and-Loop Backup Pads.

#### Scotch-Brite™ Surface Conditioning Discs – Centre Hole & Roloc™

Size (mm)	Grade	Colour	Ordering Code
100 x 16	A-CRS	Brown	61500291473
100 x 16	A-MED	Maroon	61500291465
100 x 16	A-VFN	Blue	61500291457
115 x 22	A-CRS	Brown	61500291804
115 x 22	A-MED	Maroon	61500291796
115 x 22	A-VFN	Blue	61500291481
125 x 22	A-CRS	Brown	61500291838
125 x 22	A-MED	Maroon	61500291820
125 x 22	A-VFN	Blue	61500291812
180 x 22	A-CRS	Brown	61500291853
180 x 22	A-MED	Maroon	61500291507
180 x 22	A-VFN	Blue	61500291846
50	A-CRS	Brown	61500141736
50	A-MED	Maroon	61500141728
50	A-VFN	Blue	61500141710
76	A-CRS	Brown	61500141801
76	A-MED	Maroon	61500141793
76	A-VFN	Blue	61500141785



## 3M™ Cubitron™ II Roloc Discs

### 3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F ★★★★★

This premium Roloc™ disc feature's 3M's patented precision shaped grain. Constructed on a YF weight, water resistant polyester cloth backing with a laminated cloth for added durability and edge wear. Features grinding aid for cooler grinding. Use wet or dry.

Size (mm)	Grade	Max. RPM	Ordering Code
50	36+	25,000	60440230138
	60+	25,000	60440230211
	80+	25,000	60440230294
75	36+	25,000	60440230146
	60+	25,000	60440230229
	80+	25,000	60440230302



## Scotch-Brite™ PRECISION SURFACE CONDITIONING DISC

Redesigned with you in mind. Meet the next advancement in surface conditioning technologies: Scotch-Brite™ Precision Surface Conditioning Discs. This new addition to the Scotch-Brite™ lineup promises the consistency you've come to expect with increased cutting speed and longer abrasive life. By combining two flagship 3M technologies — nonwoven fibre and ceramic 3M Precision-Shaped Grain — you can get the ideal finish, faster. To help you be even more efficient, these discs come in brighter, more vivid colors to make identification easier. Plus, the grade range has been expanded to include Fine and Extra Coarse offerings, providing an even larger range of solutions for your abrasive needs.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code	Stock Status	UOM	MOQ
100 x16	A XCRS	Black	15,200	61500407699	S	Discs	100
100 x16	A CRS	Maroon	15,200	61500407681	S	Discs	100
100 x16	A MED	Red	15,200	61500407673	S	Discs	100
100 x16	A FIN	Green	15,200	61500407665	S	Discs	100
100 x16	A VFN	Blue	15,200	61500407657	S	Discs	100
115 x 22	A XCRS	Black	13,200	61500407749	S	Discs	100
115 x 22	A CRS	Maroon	13,200	61500407731	S	Discs	100
115 x 22	A MED	Red	13,200	61500407723	S	Discs	100
115 x 22	A FIN	Green	13,200	61500407715	S	Discs	100
115 x 22	A VFN	Blue	13,200	61500407707	S	Discs	100
180 x 22	A XCRS	Black	8,500	61500407848	S	Discs	100
180 x 22	A CRS	Maroon	8,500	61500407830	S	Discs	100
180 x 22	A MED	Red	8,500	61500407822	S	Discs	100
180 x 22	A FIN	Green	8,500	61500407814	S	Discs	100
180 x 22	A VFN	Blue	8,500	61500407806	S	Discs	100

## Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc (TR)

Scotch-Brite™ Roloc™ Precision Surface Conditioning Discs set a new standard in surface conditioning performance. These reformulated general-purpose discs feature 3M Precision-Shaped Grain technology incorporated into the nonwoven web, bringing a new level of productivity and abrasive life to the Scotch-Brite™ lineup.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code	Stock Status	UOM	MOQ
50	A XCRS	Black	25,000	61500406808	S	Discs	200
50	A CRS	Maroon	25,000	61500406790	S	Discs	200
50	A MED	Red	25,000	61500406782	S	Discs	200
50	A FIN	Green	25,000	61500406774	S	Discs	200
50	A VFN	Blue	25,000	61500406766	S	Discs	200
75	A XCRS	Black	20,000	61500406907	S	Discs	100
75	A CRS	Maroon	20,000	61500406899	S	Discs	100
75	A MED	Red	20,000	61500406881	S	Discs	100
75	A FIN	Green	20,000	61500406873	S	Discs	101
75	A VFN	Blue	20,000	61500406865	S	Discs	102



## Accessories

### 3M™ High Pressure Fibre Disc Back-Up Pads ★★★★★

3M Ribbed Back-Up Pads have a unique optimised rib pattern and is resistant to temperatures over 100 degrees. Used in conjunction with 3M Cubitron™ II Fibre Discs this solution offers improved disc life and cut rate resulting in lower cost and higher throughput for the customer.



Part Number	Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Ordering Code
64861	Ribbed Face	125	22	M14-2.0 INT or 5/8-11 INT	Red	Extra Hard	12,000	DE272923777
64862	Ribbed Face	180	22	M14-2.0 INT or 5/8-11 INT	Red	Extra Hard	8,500	DE272923785

### 3M™ Fibre Disc Back-Up Pads ★★★★★

Use ribbed high performance pads for stock removal. Use flat semi-flexible pads for blending and finishing. Scotch-Brite™ LGB Discs are best used with a fibre disc back-up pad.



Part Number	Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Ordering Code
07312	Flat Face	100	16	M10-1.5 INT	Black	Hard	15,200	XC003410104
09583	Flat Face	115	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	13,200	XC003410039
09584	Ribbed Face	125	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	12,000	XC003410047
09921	Ribbed Face	180	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	8,500	DC272921404

### 3M™ Hook & Loop Disc Back-Up Pads

Use with hook and loop Scotch-Brite SC & AL & LGB discs. Allows the disc to be run on right angle grinders.



Part Number	Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Ordering Code
61677	Centre Pin	100	16	M10-1.5 INT	Black	Firm	13,000	GN030104493
61680	Centre Pin	115	22	M14-2.0 INT	Black	Firm	12,000	DE272906186
61681	Centre Pin	125	22	M14-2.0 INT	Black	Firm	11,000	DE272906178
61682	Centre Pin	180	22	M14-2.0 INT	Black	Firm	6,000	GN030106126
20245	Centre Pin	178	22	5/8-11 INT	Black	Firm	8,500	60440179541

### 3M™ Roloc™ Back-Up Pads

Rubber back-up pads support 3M™ Roloc™ abrasive discs in different degrees of hardness for varying grinding applications. Conveniently mounts directly to tools with threaded shafts.



Size (mm)	Density Rating	Thread Size	Max RPM	Ordering Code
To Suit Right Angle Die Grinder				
50	Hard	1/4-20 INT	25,000	60440237786
	Medium	1/4-20 INT	25,000	60440237653
75	Hard	1/4-20 INT	25,000	60440237778
	Medium	1/4-20 INT	25,000	60440237661
To Suit Angle Grinders				
75	Hard	M10-1.5 INT	20,000	60440237810
	Medium	M14-2.0 INT	18,000	60980025286

*Meet some of the other Precision Shaped Grain Team Members*

## Belts

### 3M™ Cubitron™ II Abrasive Belts ★★★★★

3M™ Precision Shaped Grain - precisely-shaped, uniformly sized and vertically-oriented triangles of ceramic Aluminium oxide. These self-sharpening triangles are designed to fracture as they wear, continuously forming new, super-sharp points and edges that slice cleanly through the metal like a knife. This prevents heat from building up - reducing heat-related stress cracks and discoloration. Additionally, because the abrasive itself stays cooler and sharper, belt life can increase up to four times vs. other ceramic belts.

#### 3M™ Cubitron™ II 984F Abrasive Belt

##### High/Medium Pressure

- Excellent in stainless steel, mild steel and cobalt chrome
- Long belt life, producing more parts per belt with fewer belt changes
- Durable polyester cloth backing
- Available in grades 36+, 60+, 80+ and 120+



#### 3M™ Cubitron™ II 784F Abrasive Belt

##### Medium Pressure

- Excellent in **medium pressure** applications in a variety of different metals
- Strong value for medium pressure grinding and dimensioning
- Polyester waterproof backing
- Available in grades 36+, 60+, 80+ and 120+



#### 3M™ Cubitron™ II 947A Abrasive Belt

##### Medium/Low Pressure

- Optimised for **medium/low pressure** applications on stainless, mild steel and aluminium
- X-weight poly-cotton backing provides flexibility and durability
- Use in dry applications
- Available in grades 40+, 60+, 80+ and 120+



*3M Cubitron II Belts are converted locally up to 300mm. The belts could be customized according to your requirement.*



Meet some of the other Precision Shaped Grain Team Members

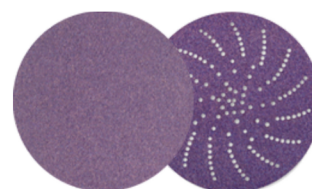
## Sanding

### 3M™ Cubitron™ II Sanding Disc ★★★★★

3M™ Cubitron™ II Sanding Discs features 3M™ Precision Shaped Ceramic Grain, a revolutionary advancement in abrasive technology. The triangular shaped ceramic mineral is designed to slice through the substrate, rather than gouging or ploughing like conventional abrasives, resulting in a disc that cuts faster and lasts longer.

#### 3M™ Cubitron™ II 775L Film Sanding Disc

Product Number	Size (mm)	Grade	Dust Pattern	Ordering Code
775L	150mm	80+	Clean Sand	60440296212
775L	150mm	120+	Clean Sand	60440296220
775L	150mm	150+	Clean Sand	60440255796
775L	150mm	180+	Clean Sand	60440255853
775L	150mm	220+	Clean Sand	60440255911
775L	150mm	240+	Clean Sand	60440335390
775L	150mm	320+	Clean Sand	60440335234
775L	150mm	400+	Clean Sand	60440347916
775L	150mm	80+	No Hole	60440296170
775L	150mm	120+	No Hole	60440296188
775L	150mm	150+	No Hole	60440298408
775L	150mm	180+	No Hole	60440298390
775L	150mm	220+	No Hole	60440298879
775L	150mm	240+	No Hole	60440335374
775L	150mm	320+	No Hole	60440335408
775L	150mm	400+	No Hole	60440347882



#### ► Tech Tip

*Use 3M Clean Sand Back-up pads to reduce LOST TIME trying to align disc holes to Back-up Pad hole design.*

Dust extraction meets industry-leading cut-rate in 3M™ Xtract™ Cubitron™ II Net Disc 710W. This premium sanding disc features a unique abrasive pattern on a net backing that allows for virtually dust-free sanding, with legendary 3M Precision-Shaped Grain technology. You'll finish more parts per disc with less dust in the environment, boosting productivity without sacrificing worker health.

#### 3M™ Xtract™ Cubitron™ II Net Disc 710W

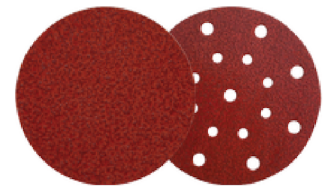
Product Number	Size (mm)	Grade	Dust Pattern	Ordering Code
710W	125mm	80+	Mesh	39334
710W	125mm	120+	Mesh	39398
710W	125mm	150+	Mesh	39614
710W	125mm	180+	Mesh	39632
710W	125mm	220+	Mesh	39636
710W	125mm	240+	Mesh	39640
710W	125mm	320+	Mesh	39685
710W	150mm	80+	Mesh	39066
710W	150mm	120+	Mesh	39072
710W	150mm	150+	Mesh	39080
710W	150mm	180+	Mesh	39083
710W	150mm	220+	Mesh	39152
710W	150mm	240+	Mesh	39160
710W	150mm	320+	Mesh	39201



## 3M™ Cubitron™ II Sanding Disc ★★★★★

### 3M™ Cubitron™ II 950U Paper Sanding Disc

Product Number	Size (mm)	Grade	Dust Pattern	Ordering Code
950U	150mm	180+	No Hole	XH003910276
950U	150mm	150+	No Hole	XH003911118
950U	150mm	120+	No Hole	XH003911209
950U	150mm	80+	No Hole	XH003911076
950U	150mm	60+	No Hole	XH003911050
950U	150mm	180+	Hole	XH003911738
950U	150mm	150+	Hole	XH003911936
950U	150mm	120+	Hole	XH003911779
950U	150mm	80+	Hole	XH003911969
950U	150mm	60+	Hole	XH003911225



## Xtract tools

### 3M Xtract™ Pneumatic Random Orbital Sander

Durable, lightweight and intrinsically safe.

Model	Tool Dia in. (mm)	Orbit Dia in. (mm)	Pad*
<b>Self-Generated Vacuum</b>			
88957	6 (152)	3/32 (2.5)	20465
88959	6 (152)	5/16 (8)	20465
88960	6 (152)	3/8 (10)	20465
<b>Central-Vacuum</b>			
88953	6 (152)	3/32 (2.5)	20465
88954	6 (152)	3/16 (5)	20465
88955	6 (152)	5/16 (8)	20465

\*Backup pad included with tool.



### 3M™ Clean Sanding System – Portable Dust Extractor

Compact and lightweight, the 3M™ Dust Extractor is designed to help reduce dust in the air from sanding for a cleaner workspace. Less dust can mean less rework and less clean-up time, helping to improve overall efficiency. Can be set up for either pneumatic or electric sanders. Features full filter bag expansion which can help maximise bag capacity. Other technician friendly features include tool-triggered auto-start, antistatic hose, locking wheels and rubber-coated wheels.

Part Number	Description	Size
33757	Portable Dust Extractor, 230V, Plug Type 1	45L





## Crimped Wheel Brushes



Josco Wheel Brushes with crimped wire are suitable for bench grinders. Crimped wire construction allows for softer brushing and light paint and rust removal.

Part No.	Dia.	Width	Bore	Wire Size	Material	Max.RPM
103A	200	19	MB	0.35	HD Steel Wire	4,600
103ASS	200	19	MB	0.3	316 Stainless	4,600
103	200	28	MB	0.35	HD Steel Wire	4,600

## Twistknot Pipeline Wheel Brushes



Josco Tight Twistknot Wire Brushes are used in areas such as stringer bead welds, hot pass, double jointing and bevel cleaning. Josco also carry brushes for pipe coating removal, machine cleaning etc. Contact Josco for specialist assistance.

Part No.	Dia.	Width	Rows	Knots	Wire Size	Material	Bore	Max. RPM
5828	125	6	1	30	0.5	XHD Steel	22	12,000
5828SS	125	6	1	30	0.5	316 Stainless	22	12,000

## Twistknot Cup Brushes



Josco Cup Brushes with twistknot wire are ideal for hard, aggressive brushing and contaminant removal. Great for scale, rust and paint removal.

Part No.	Dia.	Wire Size	Rows	Thread	Material	Max. RPM
166M	75	0.35	1	MT	XHD Steel	12,000
166MSS	75	0.35	1	MT	316 Stainless	12,000
166BM	75	0.5	1	MT	XHD Steel	12,000
166BMSS	75	0.5	1	MT	316 Stainless	12,000
159B3	100	0.5	1	M14	XHD Steel	9,000

## High Speed Twistknot Cup Brushes



Josco High Speed Twistknot Wheel Brushes are ideal for use with die grinders, air tools and drills.

Part No.	Dia.	Wire Size	Spindle	Material	Max. RPM
TC19	19mm	0.29	6.35	XHD Steel	22,000
TC25	25mm	0.29	6.35	XHD Steel	22,000



## Hand Brushes



Josco Hand Brushes are versatile tools for deburring, paint and rust removal, cleaning, edge blending and surface preparation. They are available in a range of different formations spanning across long and short handles, 3, 4 or 5 row and converged face, plus much more.

Part No.	Rows	Type	Material	Width
BLH3R	3	Long Wood	HD Steel	15
BLH4R	4	Long Wood	HD Steel	20
BLH5R	5	Long Wood	HD Steel	25
402	4	Long Plastic	HD Steel	20
422	4	Long Plastic	Stainless	20
BLH3RSS	3	Long Wood	Stainless	15
BLH4RSS	4	Long Wood	Stainless	20
BSH3R	3	Short Wood	HD Steel	15
BSH4R	4	Short Wood	HD Steel	20



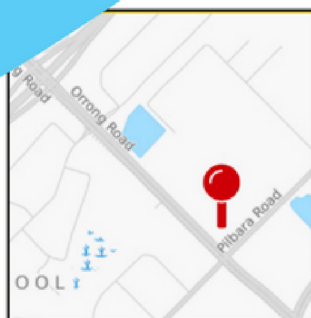
## CONTACT **US**

### Welshpool

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Welshpool WA 6106



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(08) 9351 9795 (FAX)

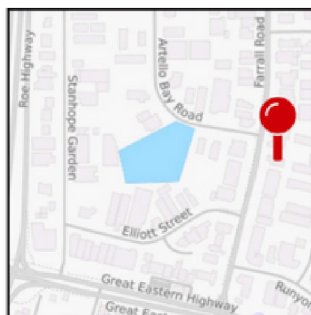


### Midvale

Address: 24 Farrall Road  
Midvale WA 6056



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