



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!

Blackwoods

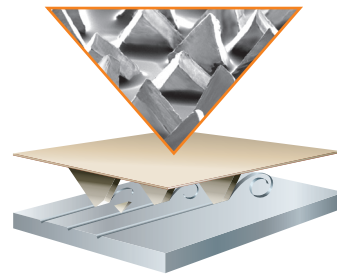
13 73 23  blackwoods.com.au

Choose the right disc for the job.

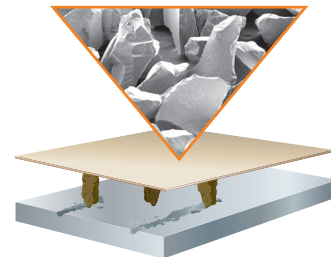


	Fibre Discs	Cut & Grind Wheels	Flap Discs	Cut-Off Wheels	Depressed Centre Grinding Wheels
Cutting		●		●	
Notching		●			
Gouging		●			
Fillet Weld Removal		●			●
Beveling	●	●	●		●
Flame Cut Smoothing	●	●			●
Scale Removal	●	●	●		●
Weld Removal	●	●	●		●
Contoured Areas	●		●		

- 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

CUBITRON II

**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.



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	Mfr No.	Blackwoods Part No.
100x6x16	27	15,300	XC991187953	0303 6106
115x7x22	27	13,300	XC991188001	0303 6123
125x7x22	27	12,250	XC991187995	0288 7237
180x7x22	27	8,500	XC991187979	0303 6140
230x7x22	27	6,650	XC991187961	0303 6157



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	Mfr No.	Blackwoods Part No.
100x7x16	27	15,300	UU009014893	0407 6540
115x7x22	27	13,300	UU009014901	0407 6557
125x7x22	27	12,250	UU009017318	0407 6574
180x7x22	27	8,500	UU009017334	0407 6591
230x7x22	27	6,650	UU009017342	0407 6608



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	Mfr No.	Blackwoods Part No.
125x6x22	P24G	27	12,250	XC002058771	0657 1969
230x7x22	P24G	27	6,650	XC002058722	0321 9638



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	Mfr No.	Blackwoods Part No.
115 x 3 x 22	36+	13,300	XC002071758	0407 6166
125 x 3 x 22	36+	12,250	XC002071782	0407 6217
125 x 3 x 22	60+	12,250	XC002071790	0407 6234
180 x 4 x 22	60+	8,500	XC002071824	0407 6285



Note: 1 Back-up Pad supplied in every carton

3M™ Cubitron™ II Cut & Grind Wheels

Cut. Grind. Done.

These versatile wheels are designed to be used both as a depressed centre grinding wheel and as a cut-off wheel – making them ideal for cutting, grinding, gouging and more. After 10 minutes of use, they nearly double the output of our closest competitor while removing nearly 2x the material.

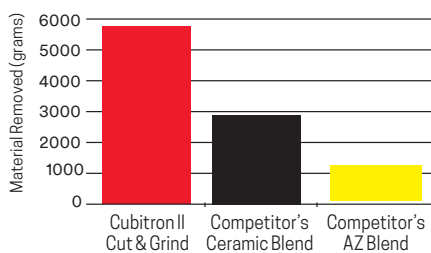
3M™ Cubitron™ II Cut & Grind Wheels



Size (mm)	Type	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 15.88 x 4.2	27	15,300	XC991078269	0321 9536
115 x 22.23 x 4.2	27	13,300	XC991078327	0321 9553
125 x 22.23 x 4.2	27	12,250	XC991078285	0321 9570
180 x 22.23 x 4.2	27	8,500	XC991078392	0321 9587
230 x 22.23 x 4.2	27	6,650	XC991078376	0321 9604

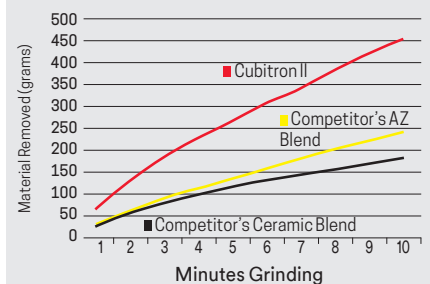
3M™ Cubitron™ II Cut & Grind Wheels Last Longer!

Removes nearly 2x the material, compared to our closest competitor



3M™ Cubitron™ II Cut & Grind Wheels Cut Faster!

After 10 min., nearly double the output of our closest competitor



3M™ Cubitron™ II Fibre Discs

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	Mfr No.	Blackwoods Part No.
100 x 16	36+	13,300	60440230021	0086 0089
100 x 16	60+	13,300	60440230039	0086 0106
100 x 16	80+	13,300	60440230047	0086 0123
115 x 22	36+	13,300	60440229288	0086 0140
115 x 22	60+	13,300	60440229353	0086 0157
115 x 22	80+	13,300	60440229395	0086 0174
125 x 22	36+	12,000	60440229270	0086 0191
125 x 22	60+	12,000	60440229361	0086 0208
125 x 22	80+	12,000	60440229403	0086 0225
180 x 22	36+	8,600	60440229262	0086 0242
180 x 22	60+	8,600	60440229379	0086 0259
180 x 22	80+	8,600	60440229411	0086 0276

3M™ Cubitron™ II Fibre Discs 982CX ★★★★★

Size (mm)	Grade	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 16	36+	13,300	60440365819	0211 0197
115 x 22	36+	13,300	60440365793	0211 0214
125 x 22	36+	12,000	60440365785	0211 0231
180 x 22	36+	8,600	60440365777	0211 0248

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

Size (mm)	Grade	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 16	36+	13,300	60440230054	0086 0293
100 x 16	60+	13,300	60440230062	0086 0310
100 x 16	80+	13,300	60440230070	0086 0327
115 x 22	36+	13,300	60440229312	0086 0344
115 x 22	60+	13,300	60440229577	0086 0361
115 x 22	80+	13,300	60440229619	0086 0378
125 x 22	36+	12,000	60440229304	00860395
125 x 22	60+	12,000	60440229585	0086 0412
125 x 22	80+	12,000	60440229627	0086 0429
180 x 22	36+	8,600	60440229296	0174 5139
180 x 22	60+	8,600	60440229593	0086 0463
180 x 22	80+	8,600	60440229635	0245 0231

► Tech Tip

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



► Tech Tip

Weld Blending Mild Steel for Paint Prep

- STEP 1** Fibre Disc 982C Grade 36+
- STEP 2** Scotch-Brite™ Light Grinding and Blending Disc SD on black ribbed pad
- STEP 3** Apply 3 mil paint
- RESULTS** Increase productivity; reduce abrasive cost



982C



982CX



987C

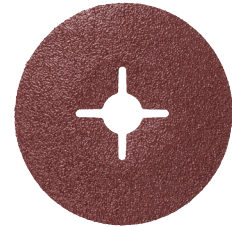
3M™ Fibre Discs 7 Series

An unbeatable combination of performance and value

3M Fibre Discs 782C and 787C represent a new class of high-performance right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain. They are an ideal choice for blending and finishing applications like weld removal, beveling, edge chamfering and more – offering a faster cut and longer life than alumina zirconia (AZ) and conventional ceramic abrasives. Optimised for stainless steel and non-ferrous metals like aluminium.

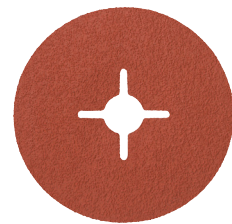
3M™ Fibre Disc 782C for mild steel ★★★★★

Size (mm)	Grade	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 16	36+	13,300	60440313264	0012 0755
100 x 16	60+	13,300	60440313306	0012 0772
100 x 16	80+	13,300	60440313348	0012 0789
115 x 22	36+	13,300	60440313272	0012 0806
115 x 22	60+	13,300	60440313314	0012 0823
115 x 22	80+	13,300	60440313355	0012 0840
125 x 22	36+	12,000	60440313280	0012 0857
125 x 22	60+	12,000	60440313322	0012 0874
125 x 22	80+	12,000	60440313363	0012 0891
180 x 22	36+	8,600	60440313298	0012 0908
180 x 22	60+	8,600	60440313330	0012 0925
180 x 22	80+	8,600	60440313371	0012 0942



3M™ Fibre Disc 787C for stainless steel non-ferrous materials ★★★★★

Size (mm)	Grade	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 16	36+	13,300	60440313421	0012 0959
100 x 16	60+	13,300	60440313462	0012 0976
100 x 16	80+	13,300	60440313504	0012 0993
100 x 16	120+	13,300	60440313546	0407 0148
115 x 22	36+	13,300	60440313439	0012 1010
115 x 22	60+	13,300	60440313470	0012 1027
115 x 22	80+	13,300	60440313512	0012 1044
115 x 22	120+	13,300	60440313553	0407 0165
125 x 22	36+	12,000	60440313447	0012 1061
125 x 22	60+	12,000	60440313488	0012 1078
125 x 22	80+	12,000	60440313520	0012 1095
125 x 22	120+	12,000	60440313561	0407 0182
180 x 22	36+	8,600	60440313454	0012 1112
180 x 22	60+	8,600	60440313496	0012 1129
180 x 22	80+	8,600	60440313538	0012 1146
180 x 22	120+	8,600	60440313579	0407 0199

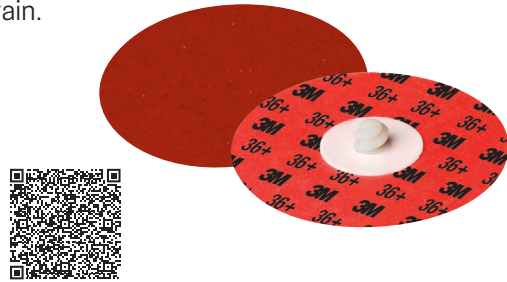


3M™ Cubitron™ II Roloc Discs

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

This premium Roloc™ disc feature's 3M's patented precision shaped grain.

Size (mm)	Grade	Max. RPM	Mfr No.	Blackwoods Part No.
50	36+	25,000	60440230138	0096 2735
	60+	25,000	60440230211	0096 2752
	80+	25,000	60440230294	0096 2769
75	36+	25,000	60440230146	0096 2786
	60+	25,000	60440230229	0096 2803
	80+	25,000	60440230302	0096 2820



3M™ Cubitron™ II Flap Discs

The one-step alternative to bonded wheels and fibre discs

Cubitron II Flap Discs let you breeze through a wide range of tough jobs around the shop, including grinding, weld removal, deburring and more.

3M™ Cubitron™ II Flap Discs 967A ★★★★★

Size (mm)	Grade	Type	Max. RPM	Mfr No.	Blackwoods Part No.
115	40+	29	13,300	XA009101008	0249 6594
	60+	29		XA009101016	0249 6611
	80+	29		XA009101024	0249 6628
125	40+	29	12,000	XA009101032	0249 6645
	60+	29		XA009101040	0249 6662
	80+	29		XA009101057	0249 6679
180	40+	29	8,600	XA009101099	0249 6696
	60+	29		XA009101107	0249 6713
	80+	29		XA009101115	0249 6730



3M™ Flap Discs 769F

Size (mm)	Grade	Type	Max. RPM	Mfr No.	Blackwoods Part No.
115	40+	29	13,300	UU010000170	0012 1231
	60+	29		UU010000204	0012 1248
	80+	29		UU010020327	0012 1265
	120+	29		UU010034625	0012 1282
125	40+	29	12,000	UU010034641	0012 1299
	60+	29		UU010034898	0012 1316
	80+	29		UU010034914	0012 1333
	120+	29		UU010034740	0012 1350
180	40+	29	8,600	UU010034773	0012 1367
	60+	29		UU010034799	0012 1384
	80+	29		UU010034500	0012 1401
	120+	29		UU010034492	0012 1418



3M™ Cubitron™ II Cut-Off Wheels

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	Mfr No.	Blackwoods Part No.
125 x 1 x 22	41	12,250	50	UU009069525	0407 5843

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	Mfr No.	Blackwoods Part No.
100 x 1 x 16	41	15,300	UU009596881	0407 6353
115 x 1 x 22	41	13,300	UU009596907	0407 6370
125 x 1 x 22	41	12,250	UU009597111	0407 6387
125 x 1 x 22	41	12,250	AC019441313	0146 1188
180 x 2 x 22	41	8,500	UU009610401	0407 6404
230 x 2 x 22	41	6,650	XC991584910	0407 6421
100 x 2.5 x 16	41	15,300	UU009597145	0407 6438
115 x 2.5 x 22	41	13,300	XC991584928	0407 6455
125 x 1.6 x 22	41	12,250	UU009597129	0407 6472
125 x 2.5 x 22	41	12,250	XC991584936	0407 6489
180 x 2.5 x 22	41	8,500	XC991584944	0407 6642
230 x 2.5 x 22	41	6,650	XC991584951	0407 6523

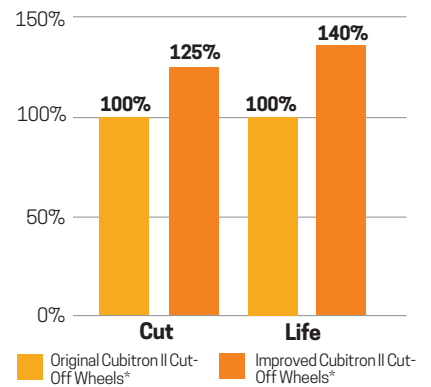
*0146 1188 Sold in a bucket of 100

3M™ Thin Cut-Off Wheels ★★★★★

Size (mm)	Grade	Type	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 1 x 16	AT60T-BF	41	15,300	XC002062609	0080 9310
115 x 1 x 22	AT60T-BF	41	13,300	XC002062617	0149 3067
125 x 1 x 22	AT60T-BF	41	12,250	XC002062625	0080 9327
180 x 1.6 x 22	AT60T-BF	41	8,500	XC002062641	0149 3084



We've made the best - even better!



*Testing done on a 5" x .045" wheel



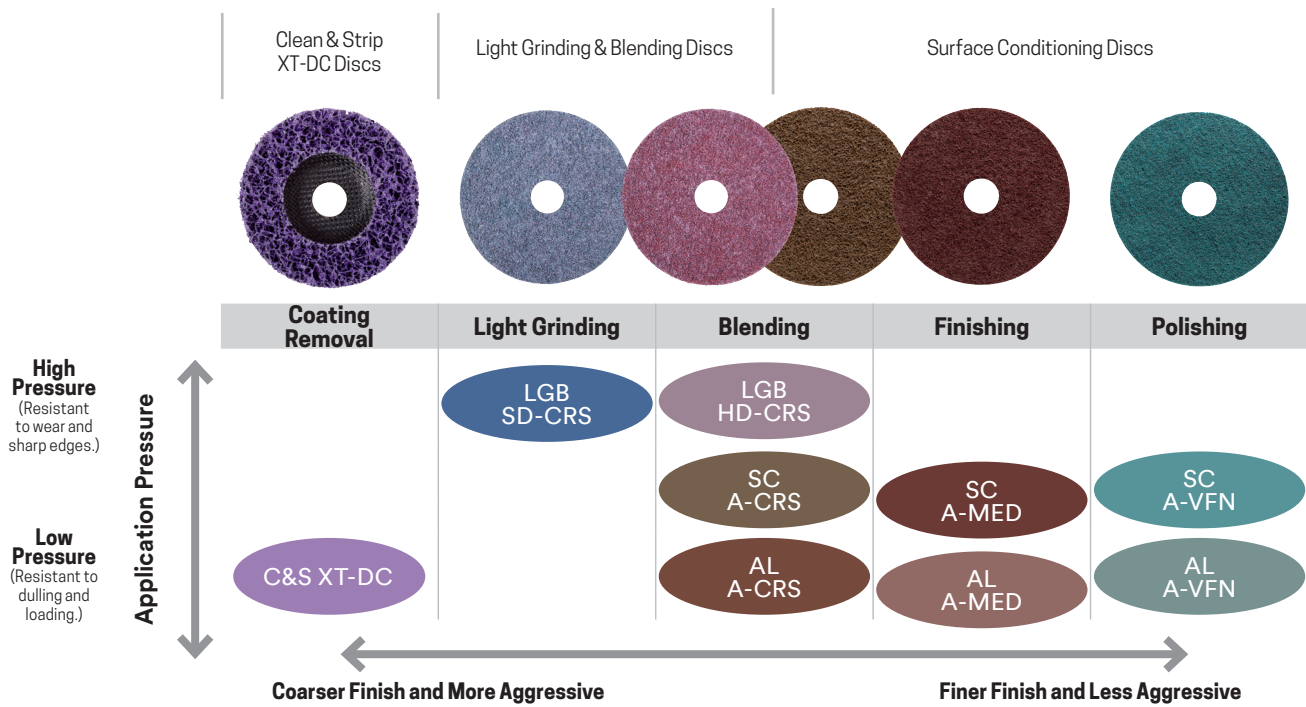


Quality finishes. Made easy.

For over 50 years, metalworking professionals have trusted Scotch-Brite™ Abrasives for a wide range of cleaning, deburring and finishing applications on all types of metals. Scotch-Brite products feature an open-web construction that resists loading.

Scotch-Brite products help 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	Mfr No.	Blackwoods Part No.
150x230	7447	A-VFN	Maroon	XE006000006	0312 7599
150x230	7448	S-UFN	Light Grey	61500123247	0377 2403
150x230	7440	A-MED	Tan	61500301017	0090 5154
150x230	7446	S-MED	Grey	61500301025	0090 5256
150x230	7445	A-SFN	White	61500123213	0275 0672
150x230	8447	A-VFN	Maroon	61500136686	0792 4659



Scotch-Brite™ Clean and Strip Pro XT-DC Discs

THE NAME SAYS IT ALL.

Tough Clean & Strip XT-DC discs cut fast, are smear resistant and resist loading without damaging the metal underneath. Ideal for removing rust, paint and other coatings. 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 XT-DC Disc

Size (mm)	Grade	Colour	Type	Max. RPM	Mfr No.	Blackwoods Part No.
100 x 16	S XCS	Purple	27 Rigid	12,000	XC000777315	0534 2461
115 x 22	S XCS	Purple	27 Rigid	12,000	XC000777323	0552 7013
125 x 22	S XCS	Purple	27 Rigid	12,000	AC010613845	0534 2529
180 x 22	S XCS	Purple	27 Rigid	8,500	XC000777349	0534 2597



► Tech Tip

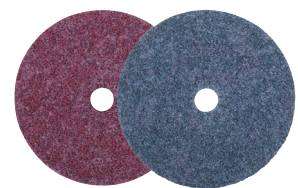
Use for light stock removal and aggressive blending operations.

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

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. Resistant to edge wear. 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	Mfr No.	Blackwoods Part No.
100x16	HD CRS	Maroon	61500292497	0783 9676
100x16	SD CRS	Blue	61500292505	0783 9693
115x22	HD CRS	Maroon	61500292448	0783 9710
115x22	SD CRS	Blue	61500292455	0783 9727
125x22	HD CRS	Maroon	61500292489	0783 9744
125x22	SD CRS	Blue	61500292539	0783 9761
180x22	HD CRS	Maroon	61500292596	0783 9778
180x22	SD CRS	Blue	61500292562	0783 9795



► 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 (>3mil)

SD = Super Duty HD = Heavy Duty



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

Size (mm)	Grade	Colour	Mfr No.	Blackwoods Part No.
100x16	A-CRS	Brown	61500291473	0708 3125
100x16	A-MED	Maroon	61500291465	0708 3108
100x16	A-VFN	Blue	61500291457	0708 3091
115x22	A-CRS	Brown	61500291804	0440 8760
115x22	A-MED	Maroon	61500291796	0440 8862
115x22	A-VFN	Blue	61500291481	0708 3159
125x22	A-CRS	Brown	61500291838	0708 3227
125x22	A-MED	Maroon	61500291820	0708 3210
125x22	A-VFN	Blue	61500291812	0708 3193
180x22	A-CRS	Brown	61500291853	0291 8611
180x22	A-MED	Maroon	61500291507	0979 6519
180x22	A-VFN	Blue	61500291846	0561 6318



Scotch-Brite™ Surface Conditioning Discs – Roloc™

Size (mm)	Grade	Colour	Mfr No.	Blackwoods Part No.
50	A-CRS	Brown	61500141736	0152 0758
50	A-MED	Maroon	61500141728	0152 0855
50	A-VFN	Blue	61500141710	0152 0956
76	A-CRS	Brown	61500141801	0980 6111
76	A-MED	Maroon	61500141793	0980 6218
76	A-VFN	Blue	61500141785	0980 6315



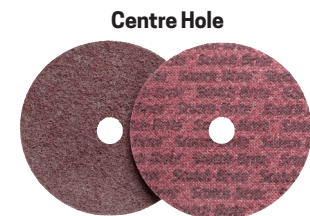
Scotch-Brite™ Anti-Loading (AL) Surface Conditioning Discs

FOR BLENDING AND FINISHING SOFT METALS

Designed specifically for fast, consistent blending and finishing of aluminum, oily carbon steel and other soft metals, Scotch-Brite AL Surface Conditioning Discs feature a unique, open web construction that resists loading. Plus they deliver the same great quality and performance you've come to expect from the Scotch-Brite brand.

Scotch-Brite™ AL Surface Conditioning Discs – Centre Hole

Size (mm)	Grade	Colour	Mfr No.	Blackwoods Part No.
125x22	A-CRS	Brown	61500313558	0229 0584
125x22	A-MED	Maroon	61500313665	0229 0601
125x22	A-VFN	Blue	61500313756	0229 0618



Scotch-Brite™ AL Surface Conditioning Discs – Roloc™

Size (mm)	Grade	Colour	Mfr No.	Blackwoods Part No.
50	A-MED	Maroon	61500313335	0229 0635
76	A-CRS	Brown	61500313376	0229 0652
76	A-MED	Maroon	61500313368	0229 0669
76	A-VFN	Blue	61500313350	0229 0686





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 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.



Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Mfr No.	Blackwoods Part No.
Ribbed Face	125	22	M14-2.0 INT or 5/8-11 INT	Red	Extra Hard	12,000	64861	0187 4853
Ribbed Face	180	22	M14-2.0 INT or 5/8-11 INT	Red	Extra Hard	8,500	64862	0187 4870



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.



Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Mfr No.	Blackwoods Part No.
Flat Face	100	16	M10-1.5 INT	Black	Hard	15,200	07312	0792 4608
Flat Face	115	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	13,200	09583	0792 4625
Ribbed Face	125	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	12,000	09584	0792 4642
Ribbed Face	180	22	M14-2.0 INT or 5/8-11 INT	Black	Hard	8,500	09921	0785 7390



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.



Description	Diameter (mm)	Centre Hole Diameter (mm)	Thread Size	Colour	Density	Max RPM	Mfr No.	Blackwoods Part No.
Centre Pin	100	16	M10-1.5 INT	Black	Firm	13,000	61677	0440 8453
Centre Pin	115	22	M14-2.0 INT	Black	Firm	12,000	61680	0084 3608
Centre Pin	125	22	M14-2.0 INT	Black	Firm	11,000	61681	0708 3244
Centre Pin	180	22	M14-2.0 INT	Black	Firm	6,000	61682	0792 4591
Centre Pin	178	22	5/8-11 INT	Black	Firm	8,500	20245	0229 0703



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	Mfr No.	Blackwoods Part No.
To Suit Right Angle Die Grinder					
50	Hard	1/4-20 INT	25,000	45096	0785 7458
	Medium	1/4-20 INT	25,000	45095	0152 0355
75	Hard	1/4-20 INT	25,000	45091	0231 2314
	Medium	1/4-20 INT	25,000	45092	0231 1810
To Suit Angle Grinders					
75	Hard	M10-1.5 INT	20,000	60440237810	0229 0720
	Medium	M14-2.0 INT	18,000	84999	0785 7509



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 **high/medium pressure** 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

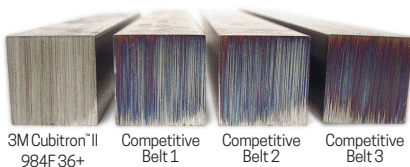
- Optimised for **medium/low pressure** applications on stainless, mild steel and aluminium
- X-weight poly-cotton backing provides flexibility and durability
- Use in dry applications
- Available in grades 40+, 60+, 80+ and 120+



3M Cubitron II Belts are converted locally up to 300mm. For ordering details please contact your local 3M Authorised Partner.

How cool is this?

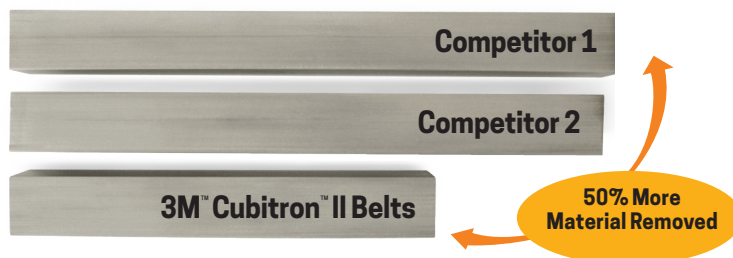
3M™ Cubitron™ II Belts are engineered to run cooler, eliminating metal discoloration/oxidation and reducing the chance of heat-related stress cracks.



This photo shows four identical 304 stainless steel bars after nine grinding cycles of ten seconds each. While the three bars that were ground using conventional ceramic abrasive belts show varying degrees of oxidation, the bar ground with a Cubitron II belt is free of burnishing.

No contest

Cubitron II vs. Conventional Grain Competitors



This photo shows three identical 304 stainless steel bars after nine grinding cycles of ten seconds per cycle using equal pressure. In that time, the Cubitron II belt removed more than 50% more metal than the so-called "next-generation" ceramic grain abrasive.

Meet some of the other Precision Shaped Grain Team Members

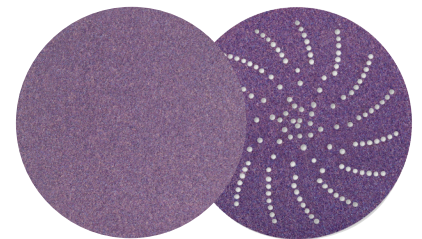
Sanding

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	Mfr No.	Blackwoods Part No.
775L	150mm	80+	Clean Sand	60440296212	0407 5860
775L	150mm	120+	Clean Sand	60440296220	0407 5877
775L	150mm	150+	Clean Sand	60440255796	0407 5894
775L	150mm	180+	Clean Sand	60440255853	0407 5911
775L	150mm	220+	Clean Sand	60440255911	0407 5928
775L	150mm	240+	Clean Sand	60440335390	0407 5945
775L	150mm	320+	Clean Sand	60440335234	0407 5962
775L	150mm	400+	Clean Sand	60440347916	0407 5979
775L	150mm	80+	No Hole	60440296170	0407 5996
775L	150mm	120+	No Hole	60440296188	0407 6013
775L	150mm	150+	No Hole	60440298408	0407 6030
775L	150mm	180+	No Hole	60440298390	0407 6047
775L	150mm	220+	No Hole	60440298879	0407 6064
775L	150mm	240+	No Hole	60440335374	0407 6081
775L	150mm	320+	No Hole	60440335408	0407 6098
775L	150mm	400+	No Hole	60440347882	0407 6115



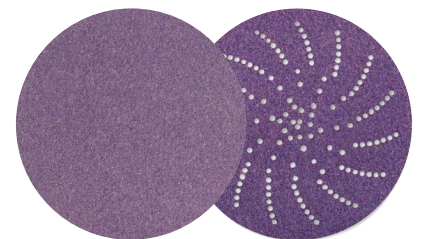
▶ Tech Tip

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

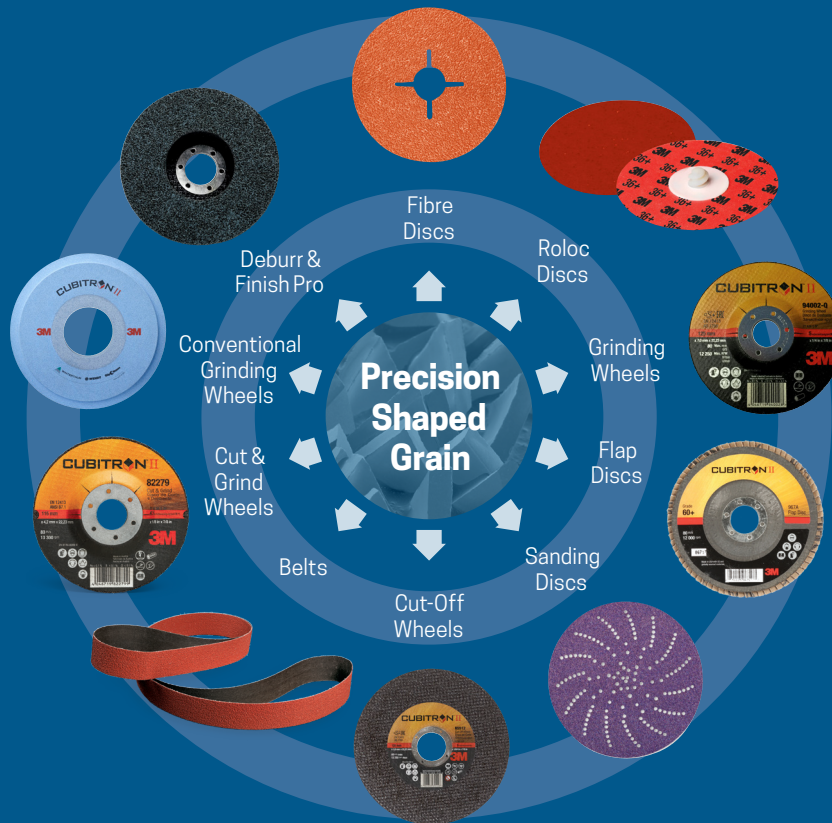


3M™ Cubitron™ II 732U Paper Sanding Disc

Product Number	Size (mm)	Grade	Dust Pattern	Mfr No.	Blackwoods Part No.
732U	150mm	80+	Clean Sand	60440296493	0407 0488
732U	150mm	120+	Clean Sand	60440296501	0407 0505
732U	150mm	150+	Clean Sand	60440255820	0407 0522
732U	150mm	180+	Clean Sand	60440255887	0407 0539
732U	150mm	220+	Clean Sand	60440255945	0407 0658
732U	150mm	80+	No Hole	60440296410	0407 0573
732U	150mm	120+	No Hole	60440296428	0407 0590
732U	150mm	150+	No Hole	60440298614	0407 0607
732U	150mm	180+	No Hole	60440298622	0407 0624
732U	150mm	220+	No Hole	60440298929	0407 0641



Meet the complete Precision Shaped Grain Team.



Precision Shaped Grain Abrasives Cut Faster, Last Longer and Leave a Better Finish.

To find out more please call your local Blackwoods Abrasive Specialist or by using the QR codes below.

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