

# Die Grinders

		Task				Substrate				trate	!				
Performal	nce	Grinding	Light Grinding	Blending	Deburring	<b>F</b> inishing	Cleaning	Coating Removal	Polishing	Stainless Steel	Aluminium	Mild Steel	Cast Iron	Titanium	Non-Ferrous (Brass/Bronze)
		Clean	and	Strip											
Best	Clean & Strip Discs - use with a mandral						✓	<b>✓</b>		>	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Best	Clean & Strip Discs with spindle						✓	<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Best	Clean & Strip Disc Roloc™ & Roloc™+						<b>√</b>	<b>✓</b>		<b>√</b>	1	1	1		
Better	Coating Removal Disc Roloc™						✓	<b>✓</b>		<b>√</b>	1	1	1		
		Br	ushe	s											
Better	Cut & Polish Flap Brush Roloc™+				<b>√</b>	<b>✓</b>				<b>✓</b>	<b>/</b>	<b>✓</b>			1
Better	Combination Flap Brush Roloc™+				<b>✓</b>	<b>✓</b>	✓			<b>✓</b>	<b>✓</b>	1			1
Better	Clean & Finish Flap Brush Roloc™+			<b>✓</b>	<b>√</b>	<b>√</b>				1	1	1	1	<b>✓</b>	1
	Non-w	oven	Мор	s and	Disc	s									
Better	Cut & Polish Mop Roloc™+				<b>√</b>	<b>✓</b>				<b>✓</b>	<b>✓</b>	<b>✓</b>			1
Better	High Strength Disc				<b>√</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	1			<b>✓</b>	1
	l	Jnitize	ed W	heels	;										
Best	Deburr & Finish Pro Wheel Roloc™			✓	✓	<b>✓</b>				<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Best	EXL Wheel Roloc™			<b>✓</b>	<b>✓</b>	<b>✓</b>				<b>√</b>	1	1	1	<b>√</b>	1
Better	Cut & Polish Wheel Roloc™				<b>√</b>	<b>✓</b>				<b>✓</b>	1	1			1
Better	Rapid Cut Wheel Roloc™		<b>√</b>	<b>✓</b>	<b>✓</b>					<b>✓</b>		1	1		
	Bristl	e Disc	s an	d Bru	shes										
Best	Radial Bristle Disc				<b>✓</b>		<b>√</b>	<b>✓</b>		1	1	1	1		1
Best	Radial Bristle Brush				<b>✓</b>		✓	<b>✓</b>		<b>✓</b>	<b>✓</b>	1	1		1
Best	Bristle Disc Roloc™				<b>✓</b>		<b>√</b>	<b>✓</b>		<b>~</b>	1	1	1		1
	Sur	face (	Cond	itioni	ng										
Best	Surface Conditioning Disc Roloc™			<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>			<b>✓</b>		1	1	<b>✓</b>	
Best	AL Surface Conditioning Disc Roloc™			<b>✓</b>	<b>✓</b>	<b>✓</b>				<b>\</b>	1	1			1
Best	SE Surface Conditioning Disc Roloc™			<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>			1		1	1	<b>✓</b>	
Best	SL Surface Conditioning Disc Roloc™			<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>			1		1	1	1	
Best	LGB Surface Conditioning Disc Roloc™		<b>√</b>	<b>✓</b>	<b>√</b>					1	1	1	1		
		C	oated	ŀ											
Best	984F Cubitron™ II Durbable Edge Disc Roloc™	<b>✓</b>	1	1	<b>√</b>					>		1	1	<b>✓</b>	
Better	777F Disc Roloc™	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>					<b>✓</b>		1	1		
Good	361F Disc Roloc™	1	1	1	<b>√</b>					1	1	1	1		1

# Cleaning

#### Scotch-Brite™ Clean and Strip Discs (Spindle)

Scotch-Brite Clean and Strip Discs are an open-web discs engineered to effectively clean welds, remove rust and strip paint. The open construction and aggressive abrasive properties provide a smooth running disc that resists loading. The non-woven disc is a safe alternative to wire brushes, offers a greater surface area and leaves a finer finish, which may eliminate the need for subsequent finishing steps. Mount using a 3M mandral.

#### Scotch-Brite<sup>™</sup> Clean & Strip Pro Disc

Sharp silicon carbide mineral and re-engineered web makes a durable disc that won't damage the base metal. Low sparking and perfect for light mill scale removal.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
60 × 13	S XCRS	Purple	12,000	AT019439705
60 × 25	S XCRS	Purple	12,000	AT019439713



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

Hard aluminium oxide mineral and re-engineered web makes a durable disc that cuts to bare metal quickly.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
60 × 13	A XCRS	Green	12,000	AT019439820
60 × 25	A XCRS	Green	12,000	AT019439838



#### Scotch-Brite<sup>™</sup> Clean & Strip Disc

General purpose discs, the non-woven black and blue are a safe alternative to wire brushes, offering a greater surface area which leaves a finer finish and may eliminate the need for subsequent finishing steps.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
60 × 13	S XCRS	Black	12,000	XC000702289
60 × 25	S XCRS	Black	12,000	XC000702297
75 × 13	S XCRS	Blue	10,000	FN510078085
75 × 25	S XCRS	Blue	10,000	FN510078853
100 × 13	S XCRS	Blue	8,000	FN510078366
100 × 25	S XCRS	Blue	8,000	FN510078267
150 × 13	S XCRS	Blue	6,000	FN510078705
150 × 25	S XCRS	Blue	6,000	FN510078507



#### Scotch-Brite<sup>™</sup> Stripe Off Wheel

Designed for high-speed removal of vinyl, decals, tape, graphics and double sided molding striping and trim. We engineered this wheel to help operators achieve effective and efficient decal removal without damaging the surface below.

Size (mm)	Colour	Max. RPM	Part Number	Ordering Code
100 × 16	Beige	4,000	07498	61500293891



# Cleaning

#### Scotch-Brite™ Clean and Strip Discs (Centre Hole)

Scotch-Brite Clean and Strip Discs are an open-web discs engineered to effectively clean welds, remove rust and strip paint. The open construction and aggressive abrasive properties provide a smooth running disc that resists loading. The non-woven disc is a safe alternative to wire brushes, offers a greater surface area and leaves a finer finish, which may eliminate the need for subsequent finishing steps. Mount using a 3M mandral.

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

Sharp silicon carbide mineral and re-engineered web makes a durable disc that won't damage the base metal. Low sparking and perfect for light mill scale removal.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
100 × 6	S XCRS	Purple	9,000	61500303575
150 × 12	S XCRS	Purple	6,000	AT019439739



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

Hard aluminium oxide mineral and re-engineered web makes a durable disc that cuts to bare metal quickly.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
100 × 6	A XCRS	Green	9,000	AT019439846
150 × 12	A XCRS	Green	6,000	AT019439853



#### Scotch-Brite™ Clean & Strip Disc

A general purpose disc, the non-woven black is a safe alternative to wire brushes, offering a greater surface area which leaves a finer finish and may eliminate the need for subsequent finishing steps.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
100 × 6	S XCRS	Black	6,000	AC010593575
150 × 12	S XCRS	Black	4,000	AC010593583



#### Scotch-Brite™ Roloc™ & Roloc™+ Clean and Strip Disc

We manufacture our Scotch-Brite Roloc Clean and Strip Discs to be a long lasting disc designed to remove coatings, rust and weld discoloration. They lock securely in place with just a half twist... another half twist and they're off.

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

Quickly removes rust, paint, mill scale and coatings from metal. The high-strength fibers resist chunking and performs well on edges. High conformability provides a larger contact patch for faster removal rates and the silicon carbide mineral cuts aggressively and leaves a fine finish.





# Cleaning

#### Scotch-Brite™ Roloc™ & Roloc™+ Clean and Strip Disc

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

Quickly removes heavy rust, thick paint, corrosion and cleans welds. The aluminium oxide mineral aggressively removes top layer and cleans to the bare metal underneath. Their high conformability provides a larger contact patch for faster removal rates. High-strength fibers resist chunking and performs well on edges.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
50	A XCRS	Green	18,000	61500303344
76	A XCRS	Green	15,000	61500303369
100 (Roloc+)	A XCRS	Green	12,000	61500303427

#### Scotch-Brite<sup>™</sup> Clean & Strip Disc

General purpose discs, the non-woven black is a safe alternative to wire brushes, offering a greater surface area which leaves a finer finish and may eliminate the need for subsequent finishing steps.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
50	S XCRS	Black	18,000	61500119484
76	S XCRS	Black	15,000	61500119344
100 (Roloc+)	S XCRS	Black	8,000	61500090578



### **Brushes**

#### Scotch-Brite™ Roloc™+ Cut and Polish Flap Brush

The Cut and Polish Flap Brush has a satin finishing and light deburring of larger components where the machine is taken to the part. Suitable for metal fabrication and timber finishing applications. The three dimensional Scotch-Brite web produces consistent, repeatable results without damaging the work piece. Includes an open, flexible flap construction that is soft and pliable to produce uniform surface finishes without chatter marks.



Size (mm)	Grade	Colour	Max. RPM	Part Number	Ordering Code
50 × 25	A MED	Brown	12,000	9700	FN510078713
63 × 32	A MED	Brown	9,000	9701	FN510078788
75 × 35	A MED	Brown	8,000	9702	FN510078317

### **Brushes**

#### Scotch-Brite™ Roloc™+ Combination Flap Brush

This brush is a unique combination of aluminium oxide coated abrasives and Scotch-Brite. They are designed for a wide range of finishes. For cleaning work before welding, cleaning and burning of residues after soldering, light deburring of steel and nonferrous metals, machining possibilities of plastic and wood. Blending scratches on stainless steel and fine finishing aluminium prior to anodising, leads a burr-free finish. They combine the cutting action of coated abrasives with the finishing action of Scotch-Brite non-woven abrasives.



Size (mm)	Grade	Colour	Max. RPM	Part Number	Ordering Code
63 × 32	P80	Maroon	9,000	9717	FN510078440
63 × 32	P120	Maroon	9,000	9720	FN510078341
63 × 32	P180	Maroon	9,000	9723	FN510078929

#### Scotch-Brite™ Roloc™+ Clean and Finish Flap Brush

This brush is a unique combination of aluminium oxide coated abrasives and Scotch-Brite. They are designed for a wide range of finishes. For cleaning work before welding, cleaning and burning of residues after soldering, light deburring of steel and nonferrous metals, machining possibilities of plastic and wood.





# Mops

#### Scotch-Brite™ Roloc™+ Cut and Polish Mop

This polish mop delivers an aggressive cutting action giving a tight scratch pattern and consistent, repeatable finish on metals and timber. Works for defuzzing of wood profiles and panels; removal of lacquer, paint, dirt and discolouration; matt or satin finishing on metal surfaces. The disc construction provides conformability where needed on irregular surfaces. Five discs of heavy duty Scotch-Brite Web are fixed together to form a disc brush.





### **Unitized Wheels**

#### Scotch-Brite™ Roloc™ Deburr & Finish PRO **Unitized Wheels**

Scotch-Brite Roloc Deburr and Finish PRO Unitized Wheels are a new wheel designed to make a variety of metalworking applications easier and more efficient for industrial professionals. Typically, abrasives excel in one area: deburring, finishing or blending. This multi-purpose wheel is unique, because it's engineered to do all three.

Size (mm)	Grade	Max. RPM	Ordering Code
50.8 × 6.35	6C MED+	22,100	61500301272
76.2 × 3.17	6C MED+	15,100	61500301298
76.2 × 6.35	4C MED+	15,100	61500301579
76.2 × 6.35	6C MED+	15,100	61500301280



#### Scotch-Brite™ Roloc™ EXL Unitised Wheels

Scotch-Brite Roloc EXL Unitised Wheels are strong and effective for edge deburring and finishing. Our wheel performs well in a variety of metal working applications and machined parts where close tolerances are important. The strong unitised construction provides effective edge deburring and finishing. Hard densities offer good edge retention, which helps maintain consistent shape and cutting action and soft densities offer conformability and flexibility for finishing flat, contoured or irregular surfaces without damaging the part. The compressed, open-web construction and uniform grain distribution provide consistent cutting action. 3M Roloc attachment system offers quick and easy disc change-out for multi-step finishing processes.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
75	8A CRS	Tan/Orange	15,100	61500099322
75	8A MED	Tan/Orange	15,100	61500099306
75	6A MED	Tan/Red	15,100	61500099280
75	6S FIN	Grey/Green	15,100	61500099264
75	2A MED	Grey/Black	15,100	61500099249
75	2S FIN	Grey/Purple	15,100	61500099223

#### Scotch-Brite™ Roloc™ Rapid Cut Unitized Wheel

Scotch-Brite Roloc Rapid Cut Unitised Wheels combine proven Scotch-Brite technology with 3M's proprietary ceramic Precision Shaped Grain to make fast work of tough jobs like weld blending and heavy deburring. Now get everything you love about our Scotch-Brite abrasives - including a consistent finish and ease of use - with up to 3 times higher cut rates than the leading competitive wheels.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
75	9C CRS+	Red/Purple	15,100	61500299310



## **Bristle**

#### Scotch-Brite™ Radial Bristle Discs

Scotch-Brite Bristle Discs use our proprietary ceramic abrasive grain blended with aluminum oxide and molded into flexible bristles. They provide more surface contact than wire brushes and maintains abrasive property throughout the life of the disc. Our fast-running disc removes paint, stains, adhesives, weld burns, rust, heavy oxides and surface contaminants from large areas. Under normal use, the flexible bristles on the Scotch-Brite Radial Bristle Disc remain safely in place and can achieve the desired finish using light pressure. We designed our disc to last longer than wire and other abrasive discs and work well on aluminum, brass, bronze, carbon steel, cast iron, stainless steel and other metals. Used for general industrial, aerospace, automotive, metalworking, transportation and automotive applications.



Size (mm)	Grade	Colour	Max. RPM	Part Number	Ordering Code
75 × 9.5	P80	Yellow	Angle	25,000	61500139409
75 × 9.5	P80	Yellow	Curve	20,000	61500176070
75 × 9.5	P120	White	Angle	25,000	61500139417
75 × 9.5	P120	White	Curve	20,000	61500176088
75 × 9.5	P220	Red	Curve	20,000	61500176096

#### Scotch-Brite<sup>™</sup> Radial Bristle Brushes

Scotch-Brite Bristle Discs use our proprietary ceramic abrasive grain blended with aluminum oxide and molded into flexible bristles. They provide more surface contact than wire brushes and maintain abrasive property throughout the life of the brush. Our brush removes paint, stains, adhesives, weld burns, rust, heavy oxides and surface contaminants.

Size (mm)	Grade	Colour	Max. RPM	Part Number	Ordering Code
150 × 12 × 25	P36	Brown	Angle	6,000	61500151446
150 × 12 × 25	P50	Green	Angle	6,000	61500151461
150 × 12 × 25	P80	Yellow	Angle	6,000	61500151479
150 × 12 × 25	P80	Yellow	Curve	6,000	61500187770
150 × 12 × 25	P120	White	Curve	6,000	61500187747



### **Bristle**

#### Scotch-Brite™ Roloc™ Bristle Disc

Scotch-Brite Bristle Discs use our proprietary ceramic abrasive grain blended with aluminum oxide and molded into flexible bristles. They provide more surface contact than wire brushes and retain abrasive properties throughout the life of the disc. Our fast-running disc combines superior cutting action with the 3M Roloc quick change attachment system to help you efficiently clean, strip, deburr, blend, finish, polish, scratch, and remove rust and coatings without damaging the base material. Under normal use, bristles remain safely in place and can achieve the desired finish using light pressure. These discs work well on steel, aluminum and a variety of other metals, in general maintenance, as well as automotive and engine rebuilding applications.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
25	50G	Green	30,000	61500129830
25	80G	Yellow	30,000	61500129913
25	120G	White	30,000	61500129954
50	50G	Green	25,000	61500135423
50	80G	Yellow	25,000	61500132172
50	120G	White	25,000	61500132180
75	50G	Green	15,000	61500132198
75	80G	Yellow	15,000	61500132214
75	120G	White	15,000	61500132222

# **Introductory Kits**

#### 3M™ Roloc™ Bristle Disc Introductory Pack

The bristle discs included in 3M™ Roloc™ Bristle Disc Kit 982BS are ideal for more specialised jobs like removing paint, stains, adhesives, weld burn, rust and other contaminants from the workpiece. Pairing them with 3M™ Disc Sanders for a right angle system can help make your tough jobs easy.

Size (mm)	Grade	Max. RPM	Ordering Code
982BS	50mm	25,000	61500129814



#### 3M™ Roloc™ Disc Introductory Pack (TR)

Assortment of 3M's best-selling 75mm Roloc discs for high-performance jobs to evaluate a variety of abrasive discs in a range of grades.

**Contains:** 3M<sup>™</sup> Cubitron<sup>™</sup> II Roloc<sup>™</sup> 984F, 3 of each grade: 36+, 60+, 80+. Scotch-Brite<sup>™</sup> Roloc<sup>™</sup> Surface Conditioning Discs, 2 of each grade: S SFN, A VFN, A MED & A CRS. 1 × 3M™ Roloc™ Disc Pad TR (Hard) & 1 × 6.35mm threaded shaft.





# **Surface Conditioning**

#### Scotch-Brite™ Roloc™ Surface Conditioning Disc (TS)

The Scotch-Brite Roloc Surface Conditioning Disc combines our durable, non-woven disc with the efficient 3M Roloc quick-change attachment system for an effective disc that cleans, finishes, blends, and deburrs. Our non-woven fiber construction conforms well to help preserve irregular or contoured surfaces and the Roloc backing supports the disc for aggressive cutting.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
19	A CRS	Brown	30,000	61500125812
19	A MED	Maroon	30,000	61500120177
19	A VFN	Blue	30,000	61500120185

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

The Scotch-Brite Surface Conditioning Disc combines our durable, nonwoven disc with the efficient 3M Roloc guick-change attachment system for an effective disc that cleans, finishes, blends, and deburrs. Our non-woven fiber construction conforms well to help preserve irregular or contoured surfaces and the Roloc backing supports the disc for aggressive cutting. The open-web fiber runs cool and resists loading while the aluminum oxide abrasives provide a high cut-rate for consistent finishing. Our 3M Roloc attachment system offers quick and easy disc change-out, making the Roloc Surface Conditioning Disc ideal for a range of tasks including blending, deburring, and finishing.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
50	A CRS	Brown	25,000	61500141736
50	A MED	Maroon	25,000	61500141728
50	A VFN	Blue	25,000	61500141710
50	S SFN	Grey	25,000	61500141744
75	A CRS	Brown	20,000	61500141801
75	A MED	Maroon	20,000	61500141793
75	A VFN	Blue	20,000	61500141785
75	S SFN	Grey	20,000	61500141819

#### Scotch-Brite™ Roloc™ AL Surface Conditioning Discs (TR)

Scotch-Brite Roloc AL Surface Conditioning Disc combines our durable, nonwoven disc with the efficiency of 3M Roloc quick-change attachment system for an effective disc that deburrs, blends and finishes. Our non-woven fibre construction conforms well to help preserve irregular or contoured soft metal surfaces such as Aluminium & the Roloc attachment supports the disc for optimal cutting. AL = Anti Loading.





# **Surface Conditioning**

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

Scotch-Brite Roloc SE Surface Conditioning Disc combines a coarse, nonwoven disc to perform heavy-duty deburring and finishing with the efficiency of the 3M Roloc quick-change attachment system. Our heavy-duty non-woven fiber construction conforms well to help preserve irregular or contoured surfaces and our Roloc backing supports the disc to allow for aggressive cutting. SE = Strong Edge.

Size (mm)	Grade	Colour	Max. RPM	Ordering Code
75	SE CRS	Blue/Brown	20,000	61500141835



#### Scotch-Brite™ Roloc™ Light Grinding and Blending Disc (TR)

We manufacture the Scotch-Brite Roloc Light Grinding and Blending (LGB) Disc with a ceramic abrasive grain blend to achieve a high cut-rate for optimal weld grinding and blending in mild-steel applications. In these instances, LGB discs are designed to effectively blend and refine a grade 36 scratch or finer. Designed for the 3M Roloc quick change attachment system, our no-hole center versions allow use of more of the disc surface as well as quick and easy disc change-out. Additionally, our LGB discs can often single-handedly prepare surfaces for painting, where a 3 mil or greater paint thickness is being applied, without adding a final dual-action sanding step.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
50	HD CRS	Maroon	25,000	61500292661
50	SD CRS	Blue	25,000	61500292679
75	HD CRS	Maroon	20,000	61500292687
75	SD CRS	Blue	20,000	61500292695

### **Coated Discs**

### 3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F (TR)

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	Colour	Max. RPM	Ordering Code
50	36+	Brown	25,000	60440230138
50	60+	Brown	25,000	60440230211
50	80+	Brown	25,000	60440230294
75	36+	Brown	20,000	60440230146
75	60+	Brown	20,000	60440230229
75	80+	Brown	20,000	60440230302



### **Coated Discs**

#### 3M™ Cubitron™ II Roloc™ Disc 982C (TR)

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	Colour	Max. RPM	Ordering Code
75	36+	Brown	20,000	60410011658
75	60+	Brown	20,000	60410011708
75	80+	Brown	20,000	60410011757



#### 3M™ Roloc™ Disc 777F (TR)

3M Roloc Disc 777F features 3M-engineered high-performing ceramic abrasive grain blended with aluminum oxide for a combination of durability and cutting efficiency that increases productivity for both stock removal and finishing. The heavy, water-resistant polyester backing supports medium-pressure applications, a consistent cut-rate, and both wet and dry applications.



Size (mm)	Grade	Colour	Max. RPM	Ordering Code
75	P50YF	Orange	20,000	60650017662
75	P60YF	Orange	20,000	60650017696
75	P80YF	Orange	20,000	60650017704
75	P120YF	Orange	20,000	60650018058

#### 3M™ Roloc™ Disc 361F (TR)

3M Roloc Disc 361F offers a quick-change attachment and provides durability and high performance for grinding, blending, deburring, and finishing on all metals. Fast-cutting aluminum oxide abrasive grains are bonded to the heavyweight cloth backing with durable, heat-resistant resin that supports both wet and dry applications.



