

3M Collision Repair Solutions
3M™ Abrasives and Power Tools

CUBITRON™ II



Cutting & Grinding

for Body Techs

3M



3M™ Disc Sander

Ideal for general metal fabrication applications, including grinding, blending, weld leveling and metal prep. Removable side handle furnished with tool. 3M™ Gripping Material molded into tool housing for greater operator comfort. Right angle steel gear head with grease fitting for increased gear life. Rear exhaust.

Part No.	Desc.	Motor HP	Max. RPM	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Thread	Air Inlet Thread	Units per Case
051141-28408	Rotary	1	12,000	3.10 (1.4)	8.25 (209.6)	9.23 (107.4)	5/8-11 EXT	3/8" NPT*	1

*3/8" - 1/4" air inlet reducer included with tool.

3M™ File Belt Sander

This air-powered sander is lightweight, durable and constructed with the operator's comfort and efficiency in mind. Grind and blend from contact wheel or platen. Both belt housing/guard and handle rotate a full 360° to easily get into hard-to-reach areas. Comfortable 3M™ Gripping Material minimizes vibration.

Part No.	Motor HP	Max. RPM	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Width Inch (mm)	Units per Case
Belt Speed: 4990 SFPM (1521 SMM)							
051141-28366	.06	22,000	2.8 (1.3)	14.57 (370)	2.93 (74.5)	5.95 (151.2)	1

File Belt Arm Service Tool and Repair Kits

051141-30670	3M™ File Belt Arm Service Tool Kit Kit contains: Wheel Positioning Block, Shaft Removal Tool, 2 Bearing Removal Tools, Bearing Mount Tool, Bearing Tool and Retaining Compound	1
051141-30663	3M™ File Belt Sander Attachment Arm Repair Kit For use with standard style attachment arm (PN 051141-28368). Kit contains: Contact Wheel, Bearings, Shaft and Platen Pad. 3M™ File Belt Arm Service Tool Kit (PN 051141-930670) recommended for use with repair kits.	1

Standard style attachment arm (PN 051141-28368) included with tool. For use with 1/2" x 18" belts.



3M™ Cut-Off Wheel Tool

3M™ Cut-Off Wheel Tools can deliver fast, smooth performance. These 1 HP tools have the power you need to cut through carbon steel, stainless steel and other materials. Compact design with built-in safety features for easy handling. 3M™ Gripping Material molded into tool housing for greater operator comfort.

Part No.	Desc.	Motor HP	Max. RPM	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air Inlet Thread	Units per Case
ALWAYS USE WITH GUARD								
051141-20233	Rotary	1	25,000	2.09 (.95)	7.75 (196.9)	3 (76.2)	1/4" NPT	1

3M™ Pistol Grip Disc Sander

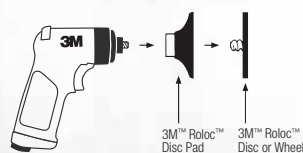
Powerful, lightweight tool that has excellent balance. The pistol grip design enables the body tech to sand in hard-to-reach areas such as those found in door jambs, bumpers, headlight lens, etc. with tremendous ease. Ergonomic for operator comfort and low noise level. Variable speed adjustment (15,000 RPM) for fast stock removal. Two attachment options — direct mount and collet mount.



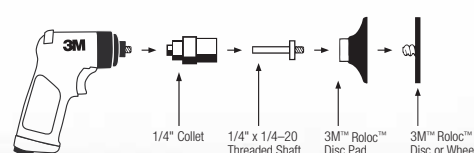
Part No.	Desc.	Motor HP	Max. RPM	PSI	Airflow SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Thread Size	Units per Case
Use with 2" and 3" Discs*										
051141-28547	Rotary	0.45	15,000	90	22 (623)	1.79 (0.81)	4.8 (122)	5.35 (136)	1/4-20 EXT	1

*Tool includes a 3" 3M™ Roloc™ Disc Pad and a 1/4" x 1/4-20 Threaded Shaft for use with 3" discs. To use with 2" discs, the 2" 3M™ Roloc™ Disc Pad Assembly (PN 051144-05539) is available, sold separately. See page 5 for details.

Short Direct Mount



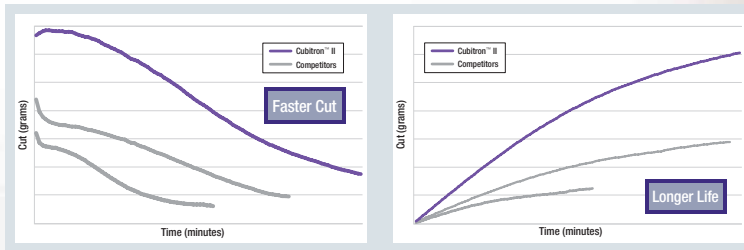
Tall 1/4" Collet Option



CUBITRON™ II

3M™ Cubitron™ II Abrasive Fibre Discs

Performance class abrasive utilizes 3M precision shaped grain ceramic abrasive technology, which allows for faster cutting of welds and door skin removal. When stripping paint, the improved construction resists loading while generating less heat.



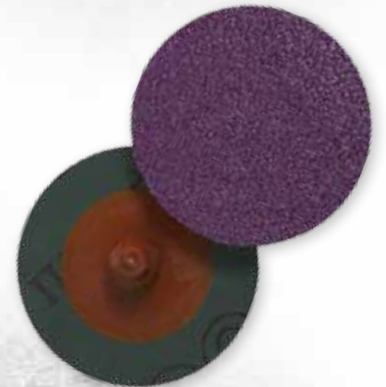
Part No.	Grade	Dia. x Ctr.	Max. RPM	Discs per Box	Boxes per Case
051131-33413	36+	5" x 7/8"	12,000	5	5
051131-33415	60+	5" x 7/8"	12,000	5	5
051131-33416	80+	5" x 7/8"	12,000	5	5
051131-33425	36+	7" x 7/8"	8,600	5	5
051131-33427	60+	7" x 7/8"	8,600	5	5
051131-33428	80+	7" x 7/8"	8,600	5	5



3M™ Cubitron™ II Fibre Roloc™ Discs

Best in class 3M™ Cubitron™ II Fibre Disc with Roloc™ attachment is designed for heavy duty metalworking applications such as weld grinding and clean up. Features rigid fibre backing for increased cut performance.

Part No.	Grade	Dia.	Max. RPM	Discs per Box	Boxes per Case
Roloc TR (Plastic Button)					
051131-33377	36+	2"	25,000	15	6
051131-33379	60+	2"	25,000	15	6
051131-33380	80+	2"	25,000	15	6
051131-33389	36+	3"	20,000	15	6
051131-33391	60+	3"	20,000	15	6
051131-33392	80+	3"	20,000	15	6



STAY SHARP. FINISH STRONG.

3M™ Cubitron™ II File Belts

Best in class 3M™ Cubitron™ II File Belts for use with the 3M™ File Belt Sander as an improved control and ease-of-use alternative to spot weld drilling and many common body shop metal grinding applications. 3M precision shaped grain technology provides improved cut, a more consistent finish and two times more belt life while running cooler.

- Fast cut
- Improved control
- Ideal for hard to reach spots

Great alternative to spot weld drilling.

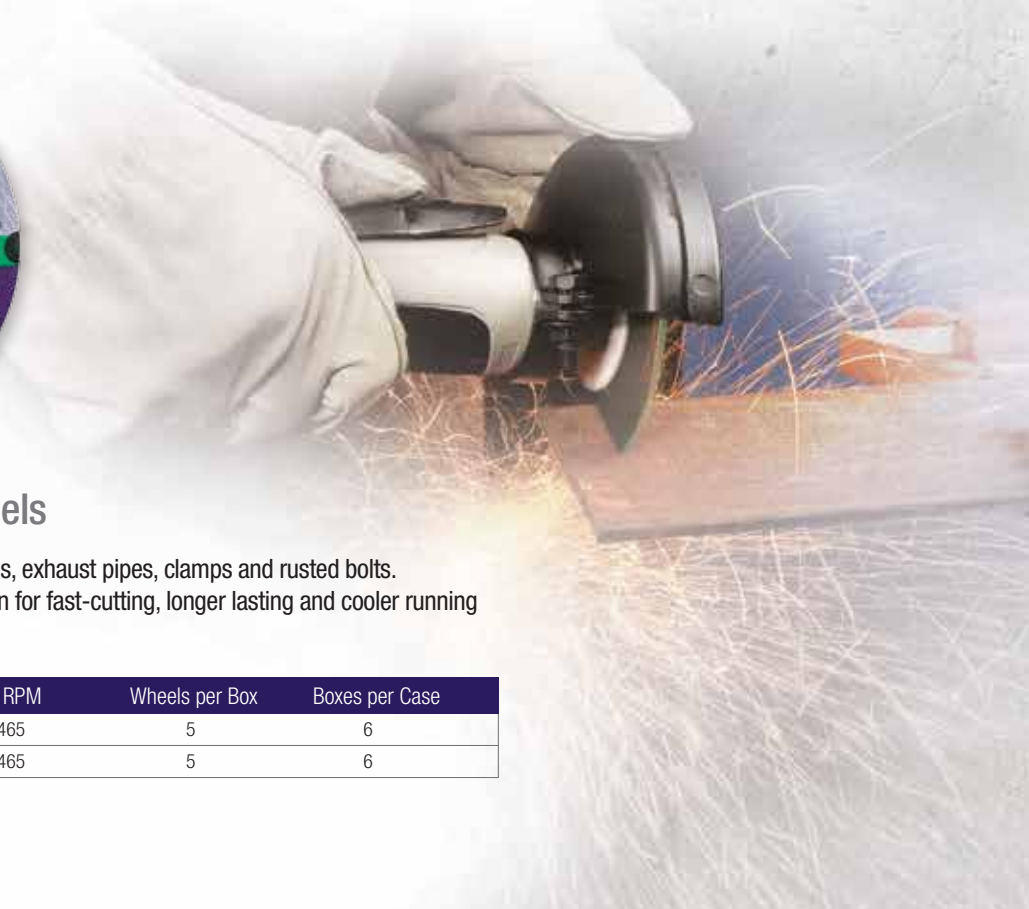
Part No.	Grade	W x L	Discs per Box	Boxes per Case
051131-33437	36+	3/8" x 13"	10	5
051131-33439	60+	3/8" x 13"	10	5
051131-33440	80+	3/8" x 13"	10	5
051131-33443	36+	1/2" x 18"	10	5
051131-33445	60+	1/2" x 18"	10	5
051131-33446	80+	1/2" x 18"	10	5



3M™ Cubitron™ II Cut-Off Wheels

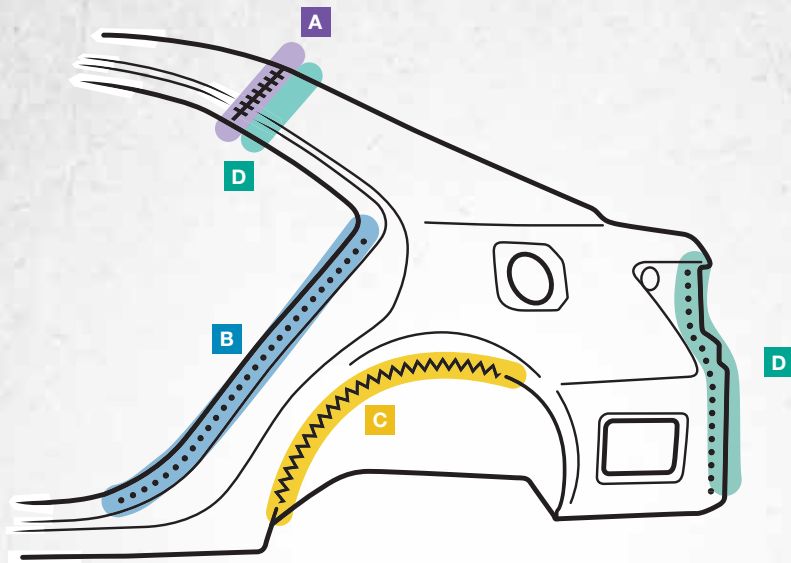
Used for cutting autobody sheet metal, frame rails, exhaust pipes, clamps and rusted bolts. Constructed with triangular-shaped ceramic grain for fast-cutting, longer lasting and cooler running performance. **DO NOT USE WITHOUT GUARDS!**

Part No.	Size	Max. RPM	Wheels per Box	Boxes per Case
051131-33456	3" x 1/25" x 3/8"	25,465	5	6
051131-33455	3" x 1/16" x 3/8"	25,465	5	6



Product Selection Guide

Choose the right product for the right application



A

Sectioning



3M™ Cubitron™ II
Cut Off Wheels

B

Spot Weld Removal



3M™ Cubitron™ II
File Belts

C

Hem Flange Removal



3M™ Cubitron™ II
Abrasive Fibre Discs

D

Weld Grinding



3M™ Cubitron™ II
Fibre Roloc™ Discs

3M™ Cubitron™ II
Abrasive Fibre Discs

3M™ Cubitron™ II
File Belts

3M Automotive Aftermarket
3M™ Hookit™ Purple+ Disc

Introducing
spiral

multihole
technology

Hookit Purple+

- Unique Spiral Design – Minimises Loading and Maximises Cut Rates
- Two Hole Configurations Providing Optimum Extraction
- Fast Efficient Changeover – No Alignment Necessary

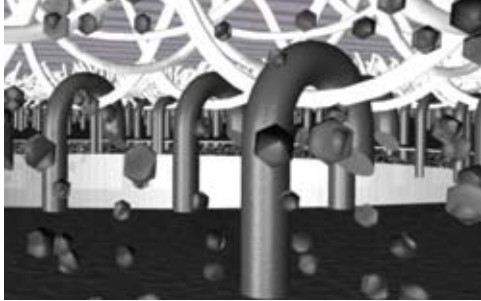


YOU AND 3M – EXPERTS EVERY STEP OF THE WAY

3M

Multihole Back-up Pad

Get the best from your Purple+ Multihole discs, choose 3M Multihole Direct Flow Back-up Pads. Whatever your extraction system they deliver.



- The best air flow distribution across the whole disc as different hole sizes equalise air flow.
- Spiral Hole Pattern provides excellent extraction across the total surface of the disc.
- Targeted air flow to peripheral areas where dust production can be most intense.
- Inner Vacuum Duct and surrounding holes minimises centre loading.
- A Hookit™ layer across the whole disc carries dust from all holes and allows timesaving random abrasive disc placement.
- Tough, co-moulded pad construction that lasts longer.



The Purple+ Discs

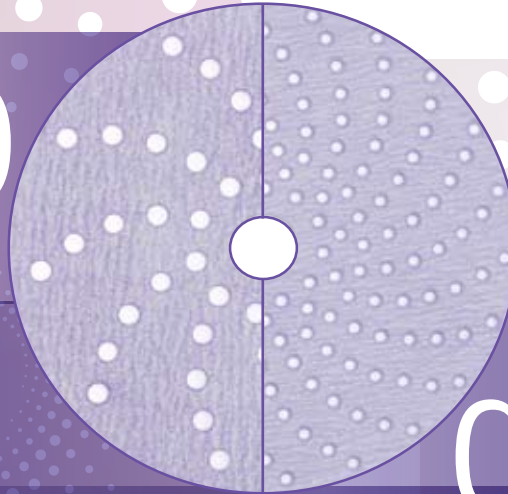
Our revolutionary Spiral Technology maximises the disc surface area without compromising cutting power, creating a vortex that captures dust particles, channelling them into the vacuum.

Finer grades produce finer dust particles. The unique 177 hole design provides the ultimate in dust extraction for fine particles giving you a cleaner, safer working environment, reducing the need for rework.

Coarser grades produce coarser dust particles. The unique 51 hole design captures larger particles through larger holes, optimising extraction whilst increasing cut and improving aggression where you need it most.

- Premium 3M abrasive mineral delivers rapid cut rate.
- Purple+ discs' unique anti-loading construction allows discs to carry on cutting for longer.
- Purple+ discs improve productivity, increasing profitability.

TWO



discs

one great result

Performance, productivity and profitability with Spiral Technology

Longer-lasting discs improve productivity and the unique spiral multihole pattern is designed for quicker changes because hole alignment is not required. You'll see the difference in material consumption and your bottom line.



Better Finish through Advanced Technology

The unique Spiral hole pattern on every Purple+ disc combined with Direct Flow Progressive Back-up Pad technology minimises variability in dust extraction whilst maximising the finish and consistency of each repair.

Unlike some others, Hookit purple discs' feature exclusive 3M developed mineral grains, precision oriented to avoid coarse scratching and provide a superior finish.

3M™ Maintenance Free Particulate Respirators

Dust – 'Just because you can't see it doesn't mean it's not there'.

As one of the world's leading suppliers of safety and protective equipment we understand the importance of protecting your people and yourself with the best respirator technology there is.

Our wide range of patented technologies guarantee to deliver easy breathing and optimal protection against particle hazards.



Purple+ Discs

Part No.	Grade	Discs/Box	Boxes/Case
50524	P80	100	5
50525	P120	100	5
50526	P150	100	5
50527	P180	100	5
50528	P220	100	5
50529	P240	100	5
50530	P280	100	5
50531	P320	100	5
50532	P360	100	5
50533	P400	100	5
50534	P500	100	5



Accessories

Part No.	Multihole Accessory – 150mm	Colour	Pads/Case
50539	Back-up Pad 5/16" Hard	Yellow	5
50540	Back-up Pad 5/16" Standard*	Grey	5
50541	Back-up Pad 5/16" Soft*	Black	5
50542	Back-up Pad M8 Standard*	Grey	5
50543	Back-up Pad M8 Soft*	Black	5
50544	Soft Interface Pad 10 mm	Grey	10
50545	Soft Interface Pad 5 mm	Grey	10
50547	Soft Interface Pad 10 mm**	Grey	10
50548	Soft Interface Pad 5 mm**	Grey	10



*Direct Flow Technology

**For use with 50539 only

Part No.	Disposable Particulate Respirator	Items/Unit	Units/Case
06922	Cup – Shaped Valved FFP2	10	12
06923	Foldable Valved FFP2	10	6





CUBITRON™ II

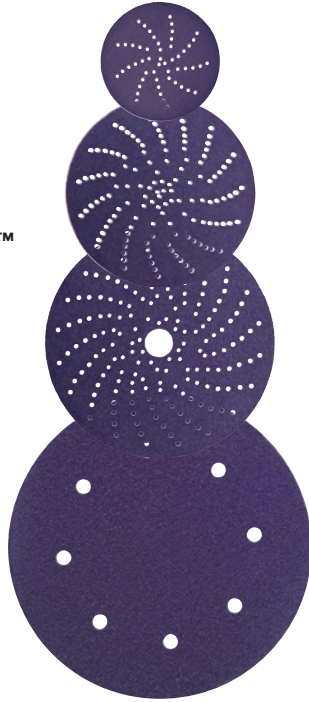
Abrasives

Part Number Reference

Finer grades for your body shop!
Available in discs and sheet rolls.

240+ 320+

3M™ Cubitron™ II Clean Sanding Hookit™ Abrasive Discs



Part No.	Size	Grade	Case Qty.		
31361	3 in	80+	50 Discs/Box 4 Boxes/Case		
31362		120+			
31363		150+			
31364		180+			
31461		220+			
31462		240+			
31463		320+			
31366	5 in	80+	50 Discs/Box 4 Boxes/Case		
31367		120+			
31368		150+			
31369		180+			
31471		220+			
31472		240+			
31473		320+			
31370	6 in	40+	25 Discs/Box 4 Boxes/Case		
31371		80+	50 Discs/Box 4 Boxes/Case		
31372		120+			
31373		150+			
31374		180+			
31481		220+			
31482		240+			
31483		320+			
31375		8 in		40+	25 Discs/Box 4 Boxes/Case
31376				80+	

3M™ Cubitron™ II Hookit™ File Sheets



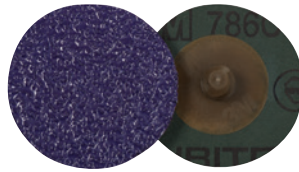
Part No.	Size	Grade	Case Qty.
34490	2-3/4 in x 16-1/2 in	40+	25 Sheets/Box 4 Boxes/Case
34492		80+	
34494		120+	50 Sheets/Box 4 Boxes/Case
34495		150+	
34496		180+	
34497		220+	

3M™ Cubitron™ II Clean Sanding Hookit™ Sheet Rolls



Part No.	Size	Grade	Case Qty.
34440	2-3/4 in x 8.75 yd	40+	1 Roll/Box 5 Boxes/Case
34442	2-3/4 in x 13 yd	80+	
34444		120+	
34445		150+	
34446		180+	
34447		220+	
34448		240+	
34449		320+	

3M™ Cubitron™ II Fibre Roloc™ Discs



Part No.	Size	Grade	Case Qty.
33377	2 in	36+	15 Discs/Box 6 Boxes/Case
33379		60+	
33380		80+	
33389	3 in	36+	15 Discs/Box 6 Boxes/Case
33391		60+	
33392		80+	

3M™ Cubitron™ II File Belts



Part No.	Size	Grade	Case Qty.
33437	3/8 in x 13 in	36+	10 Belts/Box 5 Boxes/Case
33439		60+	
33440		80+	
33443	1/2 in x 18 in	36+	10 Belts/Box 5 Boxes/Case
33445		60+	
33446		80+	
33449	3/4 in x 20-1/2 in	36+	10 Belts/Box 5 Boxes/Case
33451		60+	
33452		80+	

3M™ Cubitron™ II Flap Disc — T29



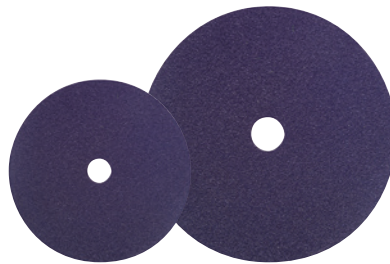
Part No.	Size	Grade	Case Qty.
33470	4-1/2 in x 7/8 in	40+	5 Discs/Box 6 Boxes/Case
33471		60+	
33472		80+	

3M™ Cubitron™ II Cut-Off Wheels



Part No.	Size	Grade	Case Qty.
33455	3 in x 1/16 in x 3/8 in	—	5 Wheels/Box 6 Boxes/Case
33456	3 in x 1/25 in x 3/8 in	—	
34460	4 in x 1/25 in x 3/8 in	—	

3M™ Cubitron™ II Abrasive Fibre Discs



Part No.	Size	Grade	Case Qty.
33413	5 in x 7/8 in	36+	5 Discs/Box 5 Boxes/Case
33415		60+	
33416		80+	
33425	7 in x 7/8 in	36+	5 Discs/Box 5 Boxes/Case
33427		60+	
33428		80+	