

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

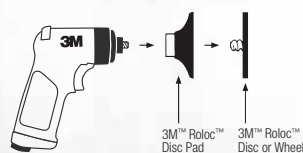
Powerful, lightweight tool that has excellent balance. The pistol grip design enables the body tech to sand in hard-to-reach areas such as those found in door jambs, bumpers, headlight lens, etc. with tremendous ease. Ergonomic for operator comfort and low noise level. Variable speed adjustment (15,000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



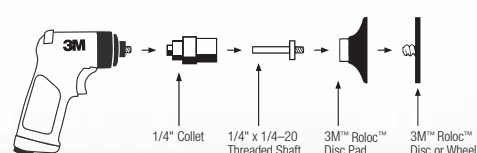
Part No.	Desc.	Motor HP	Max. RPM	PSI	Airflow SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Thread Size	Units per Case
Use with 2" and 3" Discs*										
051141-28547	Rotary	0.45	15,000	90	22 (623)	1.79 (0.81)	4.8 (122)	5.35 (136)	1/4-20 EXT	1

*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



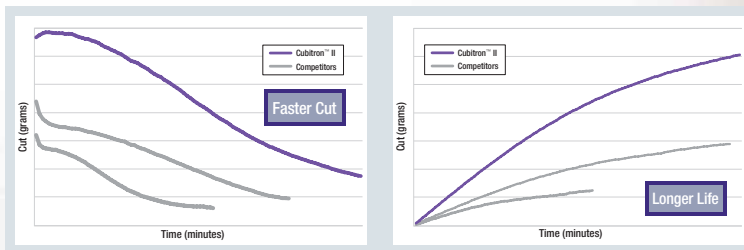
Tall 1/4" Collet Option



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.



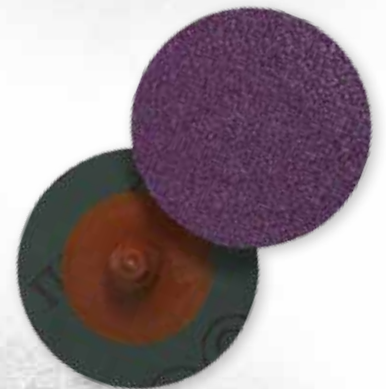
Part No.	Grade	Dia. x Ctr.	Max. RPM	Discs per Box	Boxes per Case
051131-33413	36+	5" x 7/8"	12,000	5	5
051131-33415	60+	5" x 7/8"	12,000	5	5
051131-33416	80+	5" x 7/8"	12,000	5	5
051131-33425	36+	7" x 7/8"	8,600	5	5
051131-33427	60+	7" x 7/8"	8,600	5	5
051131-33428	80+	7" x 7/8"	8,600	5	5



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.

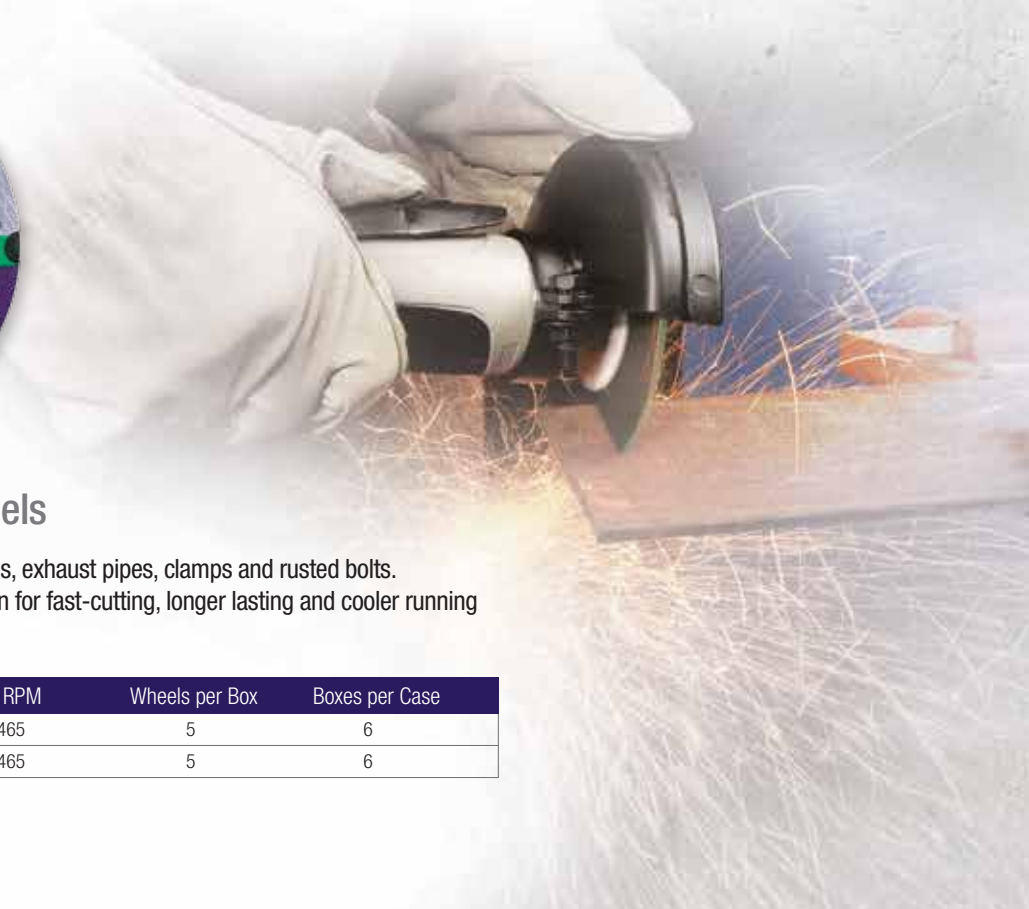
Part No.	Grade	W x L	Discs per Box	Boxes per Case
051131-33437	36+	3/8" x 13"	10	5
051131-33439	60+	3/8" x 13"	10	5
051131-33440	80+	3/8" x 13"	10	5
051131-33443	36+	1/2" x 18"	10	5
051131-33445	60+	1/2" x 18"	10	5
051131-33446	80+	1/2" x 18"	10	5



3M™ Cubitron™ II Cut-Off Wheels

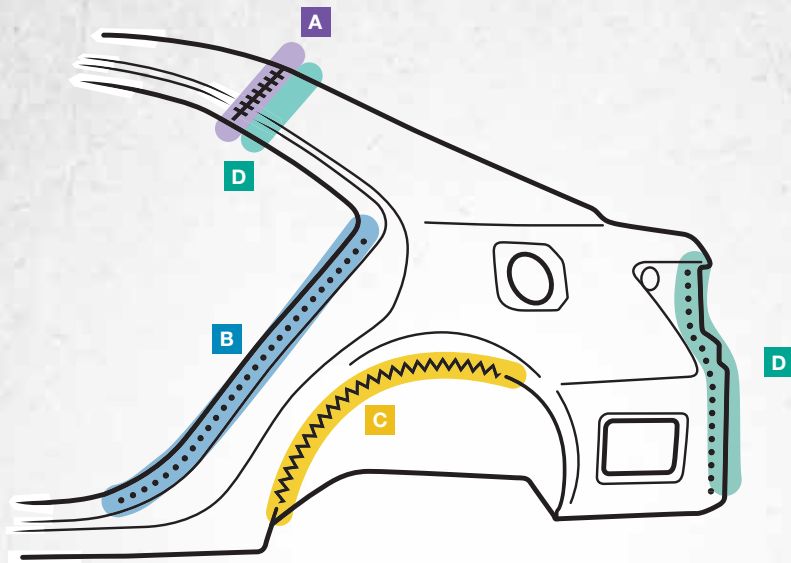
Used for cutting autobody sheet metal, frame rails, exhaust pipes, clamps and rusted bolts. Constructed with triangular-shaped ceramic grain for fast-cutting, longer lasting and cooler running performance. **DO NOT USE WITHOUT GUARDS!**

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