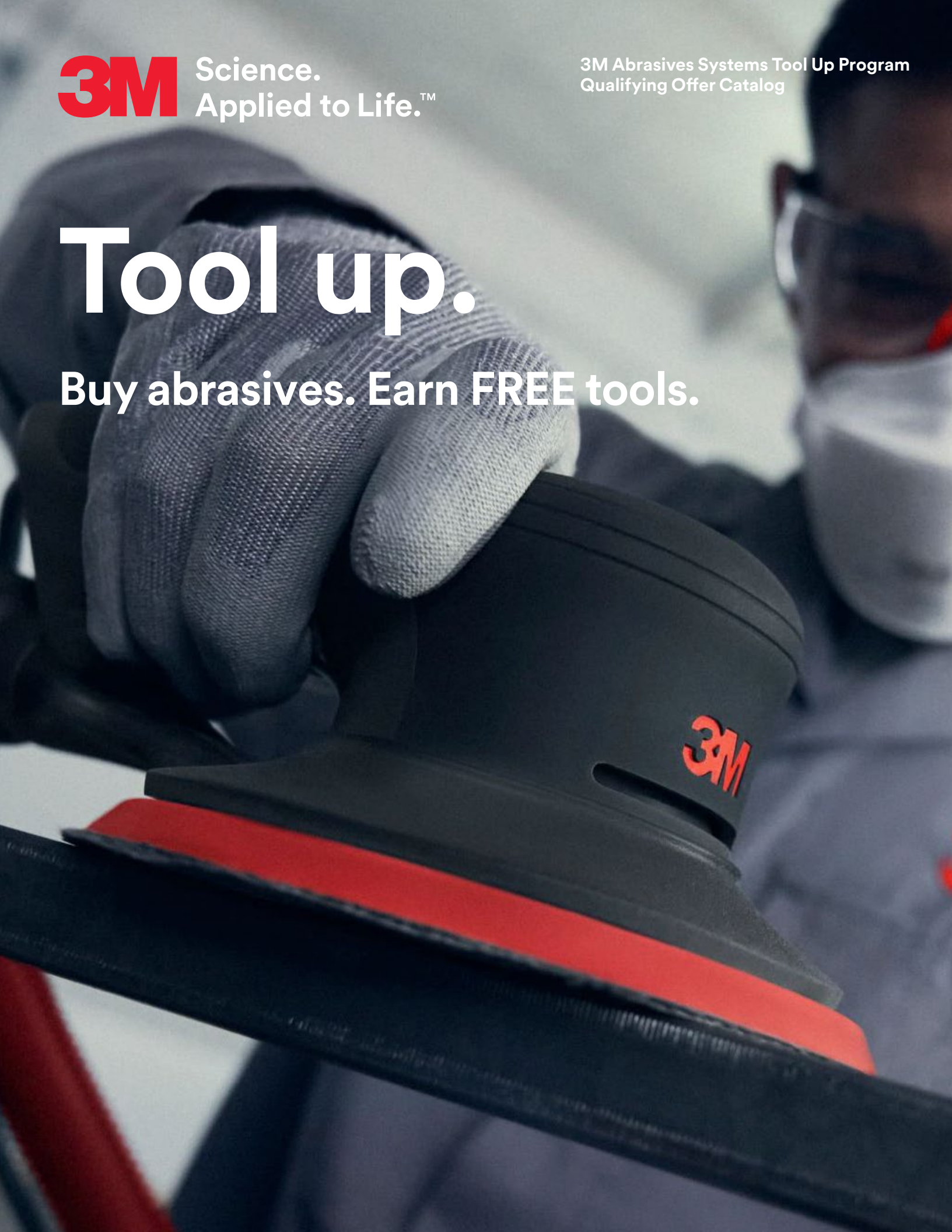


3M Science.
Applied to Life.™

3M Abrasives Systems Tool Up Program
Qualifying Offer Catalog

Tool up.

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Take your shop to the next level.

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One(1) 3M™ Pneumatic Angle Grinder (1.5 HP)
or
One(1) 3M™ Pneumatic Sander (1.5 HP)

\$6,500 of qualifying abrasive products



One(1) 3M™ Grinder (1 HP)
or
One(1) 3M™ Cut-off Wheel Tool (1 HP)

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One(1) 3M Xtract™ Portable Dust Extractor

\$5,000 of qualifying abrasive products



One(1) 3M™ Disc Sander
or
One(1) 3M™ Die Grinder

\$3,000 of qualifying abrasive products



One(1) 3M Xtract™ Random Orbital Sander
or
Three(3) cases of 3M Xtract™ Back-up Pads for random orbital sanders
or
Three(3) cases of 3M Xtract™ Filter Bags
or
One(1) 3M™ Random Orbital Sander
or
One(1) 3M™ Two Handed Random Orbital Sander
or
Three(3) cases of 3M™ Back-up Pads for random orbital sanders
or
Three(3) cases of 3M™ Disc Back-up Pad Ribbed, One piece
or
Three(3) cases of Scotch-Brite™ Universal Back-up Pads
or
One(1) 3M™ Belt Sander

HOW IT WORKS

1. Log on to website 3M.com/FreeTools
2. Upload proof of purchase of qualifying 3M Abrasives to earn points for each dollar spent
3. Redeem points for qualifying free tools and accessories

Continue to upload proof of purchase to earn unlimited free tools and accessories. Points expire 12 months from the purchase date.

*Free tool eligibility based on minimum qualifying abrasive product purchase requirement. Qualifying products and free tools offering subject to change without notice. Points expire 12 months after abrasive product purchase date. Proof of purchase must be submitted within 90 days of the proof of purchase invoice date.

Reward Options

Free Tools

3M™ Grinders & Sanders

- Heavy-duty gear heads for added durability under high force applications
- Vibration-reducing side handle with padding; interchangeable for right or left hand usage
- Re-positionable steel guards for better visibility



1.5 HP Tool Options

Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Thread size
\$10,000	06-38060-88566-6	88566	4 1/2-5" (115-125)	1.5 (1,110)	12,000	43 (1.2)	5.3 (2.4)	11" (279)	4" (105)	3/8 NPT	5/8"-11 EXT
\$10,000	06-38060-88577-2	88577	4 1/2-5" (115-125)	1.5 (1,110)	12,000	43 (1.2)	4.9 (2.2)	11" (279)	4" (105)	3/8 NPT	5/8"-11 EXT

1 HP Tool Options

Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Thread size
\$6,500	00-51141-28403-3	28403	4" (100)	1 (744)	12,000	37 (1,048)	3.5 (1.6)	9" (216)	5" (114)	3/8" NPT	3/8"-24 EXT
\$6,500	00-51141-28405-7	28405	4 1/2" (114.3)	1 (744)	12,000	37 (1,048)	3.7 (1.7)	9" (216)	5" (119)	3/8" NPT	5/8"-11 EXT

3M™ Cut-Off Wheel Tools

- Easily cut through everything from standard rebar to oversized bolts
- Exclusive 3M™ Gripping Material for added comfort
- Model 28826 provides greater versatility and control with right angle head and easily re-positionable guard



1 HP Tool Options

Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread
\$6,500	00-51141-20233-4	20233	3" (76)	1 (744)	25,000	37 (1,048)	91 (102)	2.6 (1.2)	8" (197)	3" (76)	3/8" NPT
\$6,500	00-51141-28771-3	28771	4" (100)	1 (744)	19,000	37 (1,048)	90 (102)	2.7 (1.2)	8" (197)	3" (83)	3/8" NPT

3M™ Die Grinders — 0.3 HP (224W)

- Ideal for light-duty applications such as deburring, blending, finishing and polishing in intricate and hard-to-reach areas
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip



Qualifying Abrasive Spend (\$)	UPC	Model number	Max. RPM	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air Inlet Thread	Collet Size
\$5,000	00-51141-28630-3	28630	25,000	17 (481)	86 (98)	1.4 (0.6)	10 (248)	1 (35)	1/4" NP	1/4" +
\$5,000	00-51141-28629-7	28629	25,000	17 (481)	78 (90)	0.9 (0.4)	6 (152)	1 (35)	1/4" NP	1/4" +
\$5,000	00-51141-28628-0	28628	18,000	17 (481)	80 (92)	1.5 (0.7)	11 (267)	1 (35)	1/4" NP	1/4" +
\$5,000	00-51141-28627-3	28627	18,000	17 (481)	79 (91)	1.2 (0.5)	7 (184)	1 (35)	1/4" NP	1/4" +

3M™ Die Grinders — 0.5 HP (372W)

- Ideal for medium-duty applications such as polishing, buffing, shaping and deburring
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip



Qualifying Abrasive Spend (\$)	UPC	Model number	Max. RPM	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air Inlet Thread	Collet Size
\$5,000	00-51141-28330-2	28330	18,000	26 (736)	87 (99)	1.1 (0.5)	7 (175)	3 (70)	1/4" NP	1/4"
\$5,000	00-51141-28331-9	28331	18,000	26 (736)	87 (99)	1.5 (0.7)	11 (270)	3 (70)	1/4" NP	1/4"
\$5,000	00-51141-28332-6	28332	4,000	26 (736)	87 (99)	1.6 (0.7)	9 (200)	3 (70)	1/4" NP	1/4"

*With extension

3M™ Die Grinders — 1 HP (744W)

- Excellent for big jobs such as weld or stock removal
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip



Qualifying Abrasive Spend (\$)	UPC	Model number	Max. RPM	Air flow rate SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air Inlet Thread	Collet Size
\$5,000	00-51141-20238-9	20238	18,000	37 (1,048)	2.0 (0.9)	8 (197)	3 (73)	3/8" NPT	1/4"
\$5,000	00-51141-20239-6	20239	12,000	37 (1,048)	2.6 (1.2)	9 (200)	3 (81)	3/8" NPT	1/4"
\$5,000	00-51141-20240-2	20240	8,000	37 (1,048)	2.6 (1.2)	9 (200)	3 (81)	3/8" NPT	1/4"

3M™ Disc Back-up Pad, Ribbed, Extra Hard, One Piece

- One-piece design for added convenience
- Threaded hub allows for easy, secure attachment to tool
- Low-profile design will fit most tools and guards
- For use with coarse grade fiber discs and select non-woven Scotch-Brite™ abrasives



Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Min/Case
\$3,000	06-38060-88655-7	88655	4 1/2	13,300	10
\$3,000	06-38060-88656-4	88656	5	12,000	10
\$3,000	06-38060-88657-1	88657	7	8,600	10

Scotch-Brite™ Universal Surface Conditioning Back-up Pad

- 3M™ Dual Lock™ attachment helps enable quick and easy disc changes
- Offers performance and convenience at a value price point
- Threaded design for easy, secure attachment to tool
- Low-profile design fits within most grinder guards



Qualifying Abrasive Spend (\$)	UPC	Model	Tool diameter Inch (mm)	Max. RPM	Min/Case
\$3,000	06-38060-89871-0	89871	5 in (125mm)	12000	10
\$3,000	06-38060-89870-3	89870	4.5 in (115mm)	13300	10
\$3,000	06-38060-89869-7	89869	4 in (100mm)	15000	10

3M™ Air-Powered Disc Sander

- Designed to allow greater access to work pieces compared to conventional larger disc attachments
- All models feature a powerful, high-torque air motor to optimize overall performance of the 3M™ Roloc™ System
- Easier handling, lightweight, compact design generates less vibration, while improving operator control
- Works in combination with the 3M™ Roloc™ Quick Release System – discs lock securely in place with just half a twist
- All models are supplied with a 3M™ Roloc™ Rubber Back-Up Pad and 1/4" collect



Qualifying Abrasive Spend (\$)	UPC	Model	Tool diameter Inch (mm)	Motor HP (W)	Max. RPM	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Air inlet thread	Airflow rate SCFM (LPM)	Collet size Inch (mm)
\$5,000	00-51141-28341-8	28341	2 (51)	0.3 (224)	20,000	81 (92)	1.1 (0.5)	6 (150)	3 (63)	1/4" NPT	17 (481)	1/4"
\$5,000	00-51141-28328-9	28328	2-3 (51-76)	0.3 (224)	12,000	81 (92)	1.1 (0.5)	7 (172)	3 (64)	1/4" NPT	17 (481)	1/4"
\$5,000	00-51141-20231-0	20231	2 (51)	0.5 (372)	20,000	89 (101)	1.3 (0.6)	7 (172)	3 (70)	1/4" NPT	26 (736)	1/4"
\$5,000	00-51141-28329-6	28329	2-3 (51-76)	0.5 (372)	12,000	89 (101)	1.3 (0.6)	7 (172)	3 (70)	1/4" NPT	26 (736)	1/4"
\$5,000	00-51141-20232-7	20232	2-3 (51-76)	1 (744)	15,000	84 (95)	2.0 (0.9)	8 (210)	3 (83)	3/8" NPT	37 (1,048)	1/4"

3M Xtract™ Pneumatic Random Orbital Sander Central-Vacuum

- Vacuum-ready for use with 3M Xtract™ Portable Dust Extractor or central vacuum system
- Lightweight, comfortable design
- Powerful 0.28 HP (209W) pneumatic motor
- Three variable speed settings



Qualifying Abrasive Spend (\$)	UPC	Model	Tool Diameter In. (mm)	Max. RPM	Motor HP	Orbit Diameter In (mm)	Air Flow Rate SCFM (LPM)	Noise Level dBA (power)	Weight lb (kg)	Height In. (mm)	Pad Included
\$3,000	06-38060-88944-2	88944	5 (127)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88943-5	88943	5 (127)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88942-8	88942	5 (127)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88941-1	88941	5 (127)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88956-5	88956	6 (152)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.9 (.9)	4 (91)	20356
\$3,000	06-38060-88955-8	88955	6 (152)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.9 (.9)	4 (91)	20356
\$3,000	06-38060-88954-1	88954	6 (152)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.9 (.9)	4 (91)	20356
\$3,000	06-38060-88953-4	88953	6 (152)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.9 (.9)	4 (91)	20356

3M Xtract™ Pneumatic Random Orbital Sander, Self-Generated Vacuum

- Vacuum-ready for use with 3M Xtract™ Portable Dust Extractor or central vacuum system
- Self-Generated Vacuum provides a compact vacuum solution
- Powerful 0.28 HP (209W) pneumatic motor
- Three variable speed settings



Qualifying Abrasive Spend (\$)	UPC	Model	Tool Diameter In. (mm)	Max. RPM	Motor HP	Orbit Diameter In (mm)	Air Flow Rate SCFM (LPM)	Noise Level dBA (power)	Weight lb (kg)	Height In. (mm)	Pad Included
\$3,000	06-38060-88948-0	88948	5 (127)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88947-3	88947	5 (127)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88946-6	88946	5 (127)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88945-9	88945	5 (127)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20353
\$3,000	06-38060-88960-2	88960	6 (152)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20356
\$3,000	06-38060-88959-6	88959	6 (152)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20356
\$3,000	06-38060-88958-9	88958	6 (152)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20356
\$3,000	06-38060-88957-2	88957	6 (152)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20356

3M Xtract™ Portable Dust Extractor

- Powerful industrial vacuum unit connects to 3M Xtract™ Random Orbital Sanders to remove dust from the work surface
- Compact, sturdy design stands up to harsh industrial conditions
- Automatic filter clean without flow stoppage
- Quiet 69 dB(A) operation
- Gross volume: 35 liters (9 gallons)



Qualifying Abrasive Spend (\$)	UPC	Model number	Weight	Length	Width	Height
\$6,000	06-38060-89356-2	64256	43.21 lb (19.6 kg)	21 in (53 cm)	16 in (40 cm)	22 in (56 cm)

3M Xtract™ Electric Random Orbital Sander

- Vacuum-ready for use with 3M Xtract™ Portable Dust Extractor or central vacuum system
- Lightweight, comfortable design
- Soft touch grip with molded-in grip features
- Powerful 350W electric motor
- Stays cool and comfortable while running
- Variable speed from 4000-10000 RPM



Qualifying Abrasive Spend (\$)	UPC	Model number	Tool Diameter in. (mm)	Max. RPM	Motor HP	Orbit Diameter in (mm)	Noise Level dBA (power)	Weight lb (kg)	Length in. (mm)	Height in. (mm)	Pad Included
\$3,000	06-38060-88758-5	88758	5 (127)	10,000	350W	3/16 (5)	64.9 (75.9)	3 (1.3)	9.8 (250)	4.1 (105)	89052
\$3,000	06-38060-88762-2	88762	5 (127)	10,000	350W	3/32 (2.5)	65.8 (76.8)	3 (1.3)	9.8 (250)	4.1 (105)	89052
\$3,000	06-38060-88760-8	88760	6 (152)	10,000	350W	3/16 (5)	75.3 (86.3)	3 (1.3)	10.3 (262)	4.1 (105)	89052
\$3,000	06-38060-88764-6	88764	6 (152)	10,000	350W	3/32 (2.5)	65.5(76.5)	3 (1.3)	10.3 (262)	4.1 (105)	89052

3M Xtract™ Back-up Pads

- Multi-hole pattern maximizes dust extraction with a central or self-generated vacuum system (sold separately)
- Medium density foam provides some conformability for surface sanding
- Tapered edge performs well when flexibility is needed for feather-edging or blending a painted area



Qualifying Abrasive Spend (\$)	Description	Hardness	PN	Size in. (mm)	# of holes	MSC	Pads/Case
\$3,000	Low Profile	Extra Hard	89052	5 (125)	44	*	10
			89053	6 (152)	49	*	
\$3,000	Low Profile	Firm	20353	5 (125)	44	91694737	10
			89410	5 (125)	44	29565793	
			89409	6 (152)	49	29565868	
			20356	6 (152)	52	32956252	
			20465	6 (152)	49	43892488	
\$3,000	Low Profile	Soft	20428	3 (76)	6	56076912	10
			20290	5 (125)	44	13354907	
			20425	6 (152)	52	92143338	
\$3,000	Standard Profile	Medium	20206	5 (125)	31	00-51141- 20206-8	10

* Items available through MSC Sourcing only

3M Xtract™ Filter Bags

- HEPA-rated filter bag captures extracted sanding dust
- Easily connects to 3M Xtract™ Random Orbital Sanders with self-generated vacuum to remove dust from the work surface
- Compatible with pneumatic vacuum sanders



Qualifying Abrasive Spend (\$)	MSC	Model number	Size	Capacity	Feature
\$3,000	64527187	89137	6 (150)	Holds up to 0.5 lbs	HEPA-rated
\$3,000	*	89139	6 (150)	Holds up to 3 lbs	HEPA-rated

* Items available through MSC Sourcing only

3M™ Pneumatic Random Orbital Sander Non-Vacuum

- Lightweight, comfortable design
- Powerful 0.28 HP (209W) pneumatic motor
- Simplified paddle design allows users to easily identify orbit
- Three variable speed settings



Qualifying Abrasive Spend (\$)	UPC	Model number	Tool Diameter in. (mm)	Max. RPM	Motor HP	Orbit Diameter in (mm)	Air Flow Rate SCFM (LPM)	Noise Level dBA (power)	Weight lb (kg)	Height in. (mm)	Pad Included
\$3,000	06-38060-88940-4	88940	5 (127)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20352
\$3,000	06-38060-88939-8	88939	5 (127)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20352
\$3,000	06-38060-88938-1	88938	5 (127)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	N/A
\$3,000	06-38060-88937-4	88937	5 (127)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20352
\$3,000	06-38060-88936-7	88936	5 (127)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20352
\$3,000	06-38060-88952-7	88952	6 (152)	12,000	209W	3/8 (10)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20355
\$3,000	06-38060-88951-0	88951	6 (152)	12,000	209W	5/16 (8)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20355
\$3,000	06-38060-88950-3	88950	6 (152)	12,000	209W	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20355
\$3,000	06-38060-88949-7	88949	6 (152)	12,000	209W	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	4 (91)	20355

3M™ Elite Non-Vacuum Random Orbital Sanders



- Our top-of-the-line non-vacuum random orbital sanders featuring the latest in 3M innovation

Qualifying Abrasive Spend (4)	UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
\$3,000	00-51141-28511-5	28511	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	85 (96)	1.5 (.7)	8 (209)	4 (93)	Hookit™ 20350
\$3,000	00-51141-28513-9	28513	3 (76)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	85 (96)	1.4 (.7)	8 (207)	3 (88)	Hookit™ 20350

3M™ Elite Self-Generated Vacuum Random Orbital Sanders*

- Take dust-management to the next level with powerful self-generated vacuum tools
- Featuring 3M-patented Clean Sanding system with improved filter bag



Qualifying Abrasive Spend (4)	UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
\$3,000	64398258	28511	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	85 (96)	1.7 (.8)	8 (209)	4 (93)	Hookit™ 20350
\$3,000	64398225	28513	3 (76)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	85 (96)	1.4 (.7)	8 (207)	3 (88)	Hookit™ 20350

*One (1) each of the following included: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal

3M™ Elite Central-Vacuum-Ready Random Orbital Sanders



- Easily attach to your existing central vacuum system for efficient dust evacuation

Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
\$3,000	64398357	28503	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	72 (83)	1.8 (.8)	8 (203)	4 (93)	Hookit™ 20350
\$3,000	64398332	28505	3 (76)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	72 (83)	1.4 (.6)	8 (201)	3 (88)	Hookit™ 20350

3M™ Pneumatic Random Orbital Sander, 2-Hand

- For extra leverage and power, choose the two-handed 3M™ Random Orbital Sander
- Features a powerful 0.45 HP motor with 3/8" orbit, built-in muffler and rear exhaust

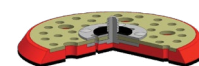


Qualifying Abrasive Spend (\$)	UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
\$3,000	20906509	28337	6 (150)	12,000	0.45 (336)	3/8 (9.5)	21 (594)	81 (89)	3 (1.32)	13 (328)	4 (113)	Hookit™ 20356
\$3,000	23077514	28335	6 (150)	12,000	0.45 (336)	3/8 (9.5)	21 (594)	81 (89)	3 (1.32)	13 (328)	4 (113)	Hookit™ 20356

3M™ Random Orbital Sander 5" and 6" Back-up Pads

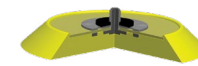
One Piece Stud Design, Color Coded and Simplified

Red Firm



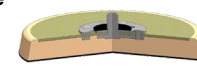
Low Profile Design

Yellow Medium



Standard Tapered Design

Beige Soft



Low Profile Finishing Design

	Qualifying Abrasive Spend (\$)	UPC	Attachment	Number of holes	Part number	Diameter (inches)	Thickness (inches)	Thread	Foam	Face	Pads/case
Low Profile	\$3,000	00-51141-20351-5	3M™ Stikit™	-	20351	5"	3/8"	5/16-24 EXT	Red	Blue	10
	\$3,000	00-51141-20354-6		-	20354	6"	3/8"	5/16-24 EXT	Red	Blue	10
	\$3,000	00-51144-85104-1		-	85104	5"	3/8"	5/16-24 EXT	Red	Silver	10
	\$3,000	00-51141-20442-0		5 Holes	20442	5"	3/8"	5/16-24 EXT	Red	Blue	10
	\$3,000	00-51141-20454-3		6 Holes	20454	6"	3/8"	5/16-24 EXT	Red	Blue	10
	\$3,000	00-51141-20352-2		-	20352	5"	3/8"	5/16-24 EXT	Red	Black	10
Standard	\$3,000	00-51141-20355-3	3M™ Hookit™	-	20355	6"	3/8"	5/16-24 EXT	Red	Black	10
	\$3,000	00-51131-05855-2		5 Holes	05855	5"	3/8"	5/16-24 EXT	Red	Yellow	10
	\$3,000	00-51141-25122-6		6 Holes	25122	6"	3/8"	5/16-24 EXT	Red	Black	10
	\$3,000	00-51144-05575-3		-	05575	5"	3/4"	5/16-24 EXT	Yellow	Blue	10
	\$3,000	00-51144-45215-6		-	45215	5"	3/4"	5/16-24 EXT	Yellow	Silver	10
	\$3,000	00-51144-81821-1		-	81821	5"	3/4"	5/16-24 EXT	Yellow	Red	10
Low Profile Finishing	\$3,000	00-51141-28772-0	3M™ Hookit™	-	28772	6"	3/4"	5/16-24 EXT	Yellow	Blue	10
	\$3,000	00-51144-45217-0		5 Holes	45217	5"	3/4"	5/16-24 EXT	Yellow	Blue	10
	\$3,000	00-51144-45218-7		6 Holes	45218	6"	3/4"	5/16-24 EXT	Yellow	Blue	10
	\$3,000	00-51131-05775-3		-	05775	5"	3/4"	5/16-24 EXT	Yellow	Yellow	10
	\$3,000	00-51141-28709-6		-	70138	6"	3/4"	5/16-24 EXT	Yellow	Yellow	10
	\$3,000	00-51144-82659-9		5 Holes	82659	5"	3/4"	5/16-24 EXT	Yellow	Yellow	10
Low Profile Finishing	\$3,000	00-51131-05876-7	3M™ Hookit™	6 Holes	05876	6"	3/4"	5/16-24 EXT	Yellow	Yellow	10
	\$3,000	00-51131-05545-2		-	05545	5"	11/16"	5/16-24 EXT	Beige	Brown	10
	\$3,000	00-51131-05546-9		-	05546	6"	11/16"	5/16-24 EXT	Beige	Brown	10
	\$3,000	00-51131-05645-9		5 Holes	05645	5"	11/16"	5/16-24 EXT	Beige	Blue	10
	\$3,000	00-51131-05646-6		6 Holes	05646	6"	11/16"	5/16-24 EXT	Beige	Brown	10
	\$3,000	00-51144-77855-3		-	77855	5"	11/16"	5/16-24 EXT	Beige	Yellow	10
Low Profile Finishing	\$3,000	00-51144-77856-0	3M™ Hookit™	5 Holes	77856	5"	11/16"	5/16-24 EXT	Beige	Yellow	10
	\$3,000	00-51111-51042-1		5 Holes + Groove	84226	5"	11/16"	5/16-24 EXT	Beige	Black	10

3M™ File Belt Sander

- Ideally suited for use with 3M™ Abrasive Belts and Scotch-Brite™ Belts for a variety of metalworking applications
- Grinds and blends from contact wheel or platen finish and polishes from slack of belt
- Provides access to hard-to-reach areas
- Eight different attachment arms available



Qualifying Abrasive Spend (\$)	UPC	Model	Motor	Max. RPM	Belt speed SFPM (SMM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Width Inch (mm)	Airflow rate SCFM (LPM)
\$3,000	00-51141-28366-1	28366	0.6 HP	22,000	4990 (1521)	2.8 (1.3)	14.57 (370)	2.93 (74.5)	5.95 (151.2)	28 (793)

Random Orbital Sanding Qualifying Products

3M Xtract™ Cubitron™ 2 Net Disc 710W

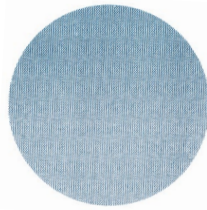
- Premium net disc allows for virtually dust-free sanding
- 3M Precision-Shaped Grain arranged in a unique pattern delivers industry-leading cut-rate and long life
- Part of the 3M Xtract™ Clean Sanding Solutions, the ultimate in dust removal and performance
- Allows for a cleaner work environment than traditional discs with dust extraction holes



UPC	Grade	Qty/case
3" x NH		
06-38060-88485-0	80+	300
06-38060-88486-7	120+	300
06-38060-88487-4	150+	300
06-38060-88488-1	180+	300
06-38060-88489-8	220+	300
06-38060-88490-4	240+	300
06-38060-88491-1	320+	300
5" x NH		
06-38060-88470-6	80+	300
06-38060-88471-3	120+	300
06-38060-88472-0	150+	300
06-38060-88473-7	180+	300
06-38060-88474-4	220+	300
06-38060-88475-1	240+	300
06-38060-88476-8	320+	300

3M Xtract™ Net Disc 310W

- Advanced Series net disc delivers virtually dust-free sanding at a value price
- Features 3M Precision-Shaped Grain mixed with premium aluminum oxide abrasive for a fast cut and long life
- Part of the 3M Xtract™ Clean Sanding Solutions, the ultimate in dust removal and performance

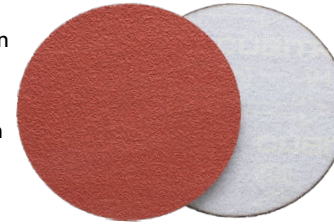


UPC	Grade	Qty/case
3" x NH		
14654511	80+	500
14654487	120+	500
14654800	150+	500
14654818	180+	500
14654537	220+	500
14654685	240+	500
14654644	320+	500
5" x NH		
06-38060-88418-8	80+	500
06-38060-88419-5	120+	500
06-38060-88420-1	150+	500
06-38060-88421-8	180+	500
06-38060-88422-5	220+	500
06-38060-88423-2	240+	500
06-38060-88424-9	320+	500

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ 2 Hook-it™ Cloth Disc 784F

- 3M Precision-Shaped Grain blend provides significantly longer life than comparable aluminum oxide discs
- Proprietary mineral provides consistent, faster results on medium to heavy duty sanding applications, helping to improve productivity and throughput
- Durable resin bond resists deterioration from heat



UPC	Size (inches)	Grade	Qty/case
06-38060-76677-4	5" x NH	36+	25/200
00-06088-88244-3	5" x D/F	36+	25/200
06-38060-76781-8	5" x NH	50+	25/200
00-06088-88245-0	5" x D/F	50+	25/200
06-38060-75818-2	5" x NH	60+	25/200
00-06088-88246-7	5" x D/F	60+	25/200
06-38060-76782-5	5" x NH	80+	25/200
00-06088-88248-1	5" x D/F	80+	25/200
06-38060-76783-2	5" x NH	120+	25/200
00-06088-88247-4	5" x D/F	120+	25/200

3M™ Cubitron™ 2 Cloth Disc 900DZ

- 3M Precision-Shaped Grain blend **COVERS A WIDE RANGE OF APPLICATIONS:** Versatile disc handles applications from finishing and sanding to grinding and de-flashing
- **VERSATILE PERFORMANCE:** Disc performs well on aluminum, fiberglass, gel coat, hard and soft woods
- **OPEN COAT CONSTRUCTION:** Open coat construction and load-resistant coating prevent clogging to optimize cut throughout the life of the disc
- **HIGH-PERFORMANCE 3M PRECISION-SHAPED GRAIN:** 3M Precision-Shaped Grain delivers excellent performance on a wide range of substrates
- **LIGHTWEIGHT CLOTH BACKING:** J-weight cloth backing combines wear resistance with flexibility
- **AVAILABLE IN A RANGE OF GRADES:** Choose from grades between 40+ to 320+ to match your specific application



UPC	Grade	Qty/case
3" x NH		
00-68060-65683-4	40+	250
06-38060-90183-0	60+	250
00-68060-65687-2	80+	250
00-68060-65691-9	120+	250
00-68060-65695-7	150+	250
06-38060-90123-6	180+	250
06-38060-90119-9	220+	250
00-68060-65699-5	320+	250
5" x NH		
00-68060-65684-1	40+	250
06-38060-90184-7	60+	250
00-68060-65688-9	80+	250
00-68060-65692-6	120+	250
00-68060-65696-4	150+	250
06-38060-90124-3	180+	250
06-38060-90120-5	220+	250
00-68060-65700-8	320+	250

3M™ Cubitron™ 2 PSA Cloth Disc 784F

- 3M Precision-Shaped Grain blend provides up to 2x longer life than comparable aluminum oxide discs
- Proprietary mineral provides consistent, faster results on medium pressure applications, increasing production rate
- Reduces changeouts and downtime in finishing applications
- Moderately flexible backing provides conformability for grinding and blending both straight and contoured surfaces



UPC	Grade	Qty/case
5" x NH		
06-38060-89374-6	36+	200
06-38060-89375-3	50+	200
06-38060-89376-0	60+	200
06-38060-89377-7	80+	200
06-38060-89378-4	120+	200
6" x NH		
06-38060-89381-4	36+	200
06-38060-89382-1	50+	200
06-38060-89383-8	60+	200
06-38060-89384-5	80+	200
06-38060-89385-2	120+	200

UPC	Grade	Qty/case
6" x NH		
00-68060-65685-8	40+	250
06-38060-90185-4	60+	250
00-68060-65689-6	80+	250
00-68060-65693-3	120+	250
00-68060-65697-1	150+	250
06-38060-90125-0	180+	250
06-38060-90121-2	220+	250
00-68060-65701-5	320+	250
8" x NH		
00-68060-65686-5	40+	250
06-38060-90186-1	60+	250
00-68060-65690-2	80+	250
00-68060-65694-0	120+	250
00-68060-65698-8	150+	250
06-38060-90126-7	180+	250
06-38060-90122-9	220+	250
06-38060-90122-9	320+	250

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ 2 Cloth Disc 900DZ

UPC	Grade	Qty/case	UPC	Grade	Qty/case
3" x NH			3" x NH		
00-638060-90169-49-4	40+	250	00-068060-65658-2	40+	250
00-638060-90173-1	60+	250	00-638060-90177-9	60+	250
00-638060-90187-8	80+	250	00-068060-65663-6	80+	250
00-638060-90191-5	120+	250	00-068060-65668-1	120+	250
00-638060-90195-3	150+	250	00-068060-65673-5	150+	250
00-638060-90098-7	180+	250	00-638060-90107-6	180+	250
00-638060-90094-9	220+	250	00-638060-90102-1	220+	250
00-068060-65654-4	320+	250	00-068060-65678-0	320+	250
5" x NH			5" x NH		
00-638060-90170-0	40+	250	00-068060-65659-9	40+	250
00-638060-90174-8	60+	250	00-638060-90178-6	60+	250
00-638060-90188-5	80+	250	00-068060-65664-3	80+	250
00-638060-90192-2	120+	250	00-068060-65669-8	120+	250
00-638060-90196-0	150+	250	00-068060-65674-2	150+	250
00-638060-90099-4	180+	250	00-638060-90108-3	180+	250
00-638060-90095-6	220+	250	00-638060-90103-8	220+	250
00-068060-65655-1	320+	250	00-068060-65679-7	320+	250
6" x NH			5.5" x NH		
00-638060-90171-7	40+	250	00-068060-65660-5	40+	250
00-638060-90175-5	60+	250	00-638060-90179-3	60+	250
00-638060-90189-2	80+	250	00-068060-65665-0	80+	250
00-638060-90193-9	120+	250	00-068060-65670-4	120+	250
00-068060-65652-0	150+	250	00-068060-65675-9	150+	250
00-638060-90100-7	180+	250	00-638060-90109-0	180+	250
00-638060-90096-3	220+	250	00-638060-90104-5	220+	250
00-068060-65656-8	320+	250	00-068060-65680-3	320+	250
8" x NH			6" x NH		
00-638060-90172-4	40+	250	00-068060-65661-2	40+	250
00-638060-90176-2	60+	250	00-638060-90180-9	60+	250
00-638060-90190-8	80+	250	00-068060-65666-7	80+	250
00-638060-90194-6	120+	250	00-068060-65671-1	120+	250
00-068060-65653-7	150+	250	00-068060-65676-6	150+	250
00-638060-90101-4	180+	250	00-638060-90110-6	180+	250
00-638060-90097-0	220+	250	00-638060-90105-2	220+	250
00-068060-65657-5	320+	250	00-068060-65681-0	320+	250
8" x NH			8" x NH		
			00-068060-65662-9	40+	250
			00-638060-90181-6	60+	250
			00-068060-65667-4	80+	250
			00-068060-65672-8	120+	250
			00-068060-65677-3	150+	250
			00-638060-90111-3	180+	250
			00-638060-90106-9	220+	250
			00-068060-65682-7	320+	250

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ Paper Disc 732U

- Feature 3M Precision-Shaped Grain that slices through the substrate, wears evenly and provides extra-long life and consistency
- Ideal for a wide variety of substrates and applications focused primarily on stock removal
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M Xtract™ Cubitron™ 2 Paper Disc 732U

UPC	Grade	Qty/case
5" x NH		
00-51125-86850-1	80+	250
00-51125-86851-8	120+	250
00-76308-64261-7	150+	250
00-76308-64267-9	180+	250
00-76308-64273-0	220+	250
6" x NH		
00-51125-86852-5	80+	250
00-51125-86853-2	120+	250
00-76308-64262-4	150+	250
00-76308-64268-6	180+	250
00-76308-64274-7	220+	250

3M™ Cubitron™ 2 Stikit™ Paper Disc Roll 732U

UPC	Grade	Qty/case
5" x NH		
00-51125-86834-1	80+	100/roll
00-51125-86835-8	120+	100/roll
00-76308-64278-5	150+	100/roll
00-76308-64282-2	180+	100/roll
00-76308-64286-0	220+	100/roll
6" x NH		
00-51125-86836-5	80+	100/roll
00-51125-86837-2	120+	100/roll
00-51125-87066-5	150+	100/roll
00-51125-87067-2	180+	100/roll
00-51125-87101-3	220+	100/roll

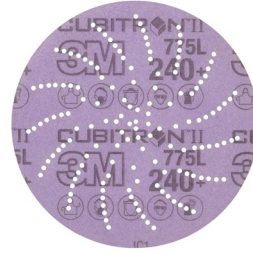
3M™ Cubitron™ 2 Hookit™ Paper Disc 732U

UPC	Grade	Qty/case
5" x NH		
00-51125-86842-6	80+	250
00-51125-86843-3	120+	250
00-76308-64260-0	150+	250
00-76308-64266-2	180+	250
00-76308-64272-3	220+	250
6" x NH		
00-51125-86844-0	80+	250
00-51125-86845-7	120+	250
00-51125-87062-7	150+	250
00-51125-87063-4	180+	250
00-76308-87094-8	220+	250

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ 2 Film Disc 775L

- Powered by revolutionary 3M Precision-Shaped Grain technology for a fast, even, long-lasting cut
- Film backing for greater tear resistance and edge retention
- Ideal for a broad range of applications and substrates, including metals, composites, gel coat and whitewood
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M Xtract™ Cubitron™ 2 Film Disc 775L

UPC	Grade	Qty/case
5"		
00-51125-86822-8	80+	100/Roll
00-51125-86823-5	120+	125/Roll
00-76308-64258-7	150+	100/Roll
00-76308-64264-8	180+	100/Roll
00-76308-64270-9	220+	100/Roll
00-76308-47097-5	240+	100/Roll
00-76308-47081-4	320+	100/Roll
06-38060-05058-3	400+	100/Roll
6"		
00-51125-86824-2	80+	50/250
00-51125-86825-9	120+	50/250
00-76308-64259-4	150+	50/250
00-76308-64265-5	180+	50/250
00-76308-64271-6	220+	50/250
00-76308-47098-2	240+	50/250
00-76308-47082-1	320+	50/250
06-38060-05059-0	400+	50/250

3M™ Cubitron™ 2 Hookit™ Film Disc 775L

UPC	Grade	Qty/case
5" x NH		
00-51125-86818-1	80+	50/250
00-51125-86819-8	120+	50/250
00-51125-87026-9	150+	50/250
00-76308-64263-1	180+	50/250
00-76308-64269-3	220+	50/250
00-76308-47095-1	240+	50/250
00-76308-47080-7	320+	50/250
00-38060-05055-2	400+	50/250
6"		
00-51125-86820-4	80+	50/250
00-51125-86821-1	120+	50/250
00-51125-87041-2	150+	50/250
00-51125-87040-5	180+	50/250
00-51125-87089-4	220+	50/250
00-76308-47096-8	240+	50/250
00-76308-47099-9	320+	50/250
00-38060-05056-9	400+	50/250

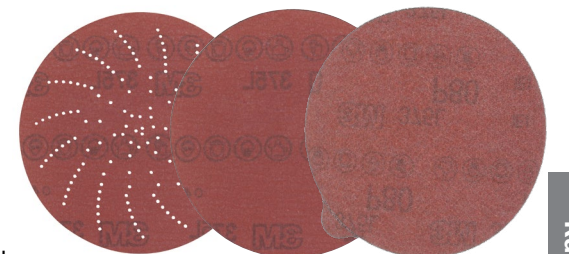
3M™ Cubitron™ 2 Stikit™ Film Disc Roll 775L

UPC	Grade	Qty/case
5" x NH		
00-51125-86810-5	80+	100/roll
00-51125-86811-2	120+	125/roll
00-76308-64276-1	150+	100/roll
00-76308-64280-8	180+	100/roll
00-76308-64284-6	220+	100/roll
00-76308-47091-3	240+	100/roll
00-76308-47084-5	320+	100/roll
00-38060-05063-7	400+	100/roll
6" x NH		
00-51125-86812-9	80+	100/roll
00-51125-86813-6	120+	125/roll
00-51125-87049-8	150+	100/roll
00-51125-87048-1	180+	100/roll
00-51125-87103-7	220+	100/roll
00-76308-47092-0	240+	100/roll
00-76308-47103-3	320+	100/roll
00-38060-05065-1	400+	100/roll

Random Orbital Sanding – Qualifying Products (cont.)

3M™ Film Disc 375L

- Premium aluminum oxide abrasive offers a fast cut and long life and performs well on many surfaces
- Flexible film sheet conforms smoothly to contours and rounded edges
- Durable film backing is tear-resistant and provides a uniform, consistent finish
- Open coat construction provides an aggressive cut
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M Xtract™ Film Disc 375L

UPC	Grade	Qty/case
5" x NH		
00-51141-54029-0	60	50/250
00-51141-54030-6	80	50/250
00-51141-54031-3	100	50/250
00-51141-54032-0	120	50/250
00-51141-54033-7	150	50/250
00-51141-54034-4	180	50/250
00-51141-54035-1	220	50/250
00-51141-54023-8	240	50/250
00-51141-54025-2	320	50/250
00-51141-54027-6	400	50/250
6" x NH		
00-51119-27845-3	60	50/250
00-51119-27791-3	80	50/250
00-51119-19653-5	100	50/250
00-51119-30927-0	120	50/250
00-51119-25602-4	150	50/250
00-51119-27801-9	180	50/250
00-51119-29070-7	220	50/250
00-51119-28584-0	320	50/250

3M™ Stikit™ Film Disc Roll 375L

UPC	Grade	Discs/case
5" x NH		
00-51115-66793-0	P80	100/4
00-51115-66794-7	P100	100/4
00-51115-66795-4	P120	100/4
00-51115-66796-1	P150	100/4
00-51115-66797-8	P180	100/4
00-51115-66798-5	P220	100/4
00-51115-66799-2	P240	100/4
00-51115-66801-2	P320	100/4
00-51115-66802-9	P400	100/4
00-51141-55716-8	P500	50/250
00-51141-55667-3	P600	50/250
00-51141-55668-0	P800	50/250
00-51141-55717-5	P1000	50/250
00-51141-55718-2	P1200	50/250
00-51141-55719-9	P1500	50/250
6" x NH		
00-51115-66803-6	P60	100/4
00-51115-66804-3	P80	100/4
00-51115-66805-0	P100	100/4
00-51115-66806-7	P120	100/4
00-51115-66807-4	P150	100/4
00-51115-66808-1	P180	100/4
00-51115-66809-8	P220	100/4
00-51115-66811-1	P320	100/4
00-51115-66812-8	P400	100/4
00-51141-55721-2	P500	50/250
00-51141-55669-7	P600	50/250
00-51141-55670-3	P800	50/250
00-51141-55722-9	P1000	50/250
00-51141-55723-6	P1200	50/250
00-51141-28117-9	P1500	50/250

3M™ Hookit™ Film Disc 375L

UPC	Grade	Qty/case
5" x NH		
00-51141-55675-8	P60	50/250
00-51141-55676-5	P80	50/250
00-51141-55677-2	P100	50/250
00-51141-55678-9	P120	50/250
00-51141-55679-6	P150	50/250
00-51141-55680-2	P180	50/250
00-51141-55681-9	P220	50/250
00-51141-55661-1	P240	50/250
00-51141-55663-5	P320	50/250
00-51141-55665-9	P400	50/250
00-51141-55706-9	P500	50/250
00-51141-55671-0	P600	50/250
00-51141-55672-7	P800	50/250
00-51141-55707-6	P1000	50/250
00-51141-55708-3	P1200	50/250
00-51141-55709-0	P1500	50/250
6" x NH		
00-51141-55682-6	P60	50/250
00-51141-55683-3	P80	50/250
00-51141-55684-0	P100	50/250
00-51141-55685-7	P120	50/250
00-51141-55686-4	P150	50/250
00-51141-55687-1	P180	50/250
00-51141-55688-8	P220	50/250
00-51141-55662-8	P240	50/250
00-51141-55664-2	P320	50/250
00-51141-55666-6	P400	50/250
00-51141-55711-3	P500	50/250
00-51141-55673-4	P600	50/250
00-51141-55674-1	P800	50/250
00-51141-55713-7	P1200	50/250
00-51141-55714-4	P1500	50/250

3M™ Stikit™ Film Disc w/Tab 375L

UPC	Grade	Qty/case
5" x NH		
00-51141-55689-5	60	50/250
6" x NH		
00-51141-55696-3	60	50/250

Random Orbital Sanding – Qualifying Products (cont.)

3M Xtract™ Film Disc 360L

- Great for finishing: Excels in finishing and sanding applications in automotive and marine industries
- Designed for clean sanding: 3M Xtract™ proprietary multi-hole pattern provides superior dust extraction to prevent loading, increase productivity and provide a cleaner work environment
- Versatile performance: Disc performs well on clear coat, composite, fiberglass, gelcoat, hard composite, hardwood, paint, primer, topcoat and more



3M™ Hookit™ Clean Sanding Disc 360L

UPC	Grade	Qty/case
5" Clean Sanding		
51131017047	P220	100/500
51131017054	P240	100/500
51131017061	P280	100/500
51131017078	P320	100/500
51131017085	P400	100/500
51131017092	P500	100/500
51131017108	P600	100/500
51131017115	P800	100/500
51131017122	P1000	100/500
6" Clean Sanding		
5114207988	P220	100/500
5114207995	P240	100/500
5114208008	P280	100/500
5114208015	P320	100/500
5114208022	P400	100/500
5114208039	P500	100/500
5114208046	P600	100/500
5114208053	P800	100/500
5114208060	P1000	100/500

3M™ Hookit™ Disc 360L No Hole

UPC	Grade	Qty/case
5" NH		
00-51131-36253-1	P80	50/4
00-51131-36254-8	P120	50/4
00-51131-36255-5	P150	50/4
00-51131-36256-2	P180	50/4
00-51131-36257-9	P220	50/4
00-51131-36258-1	P240	50/4
00-51131-36259-8	P320	50/4
00-51131-36259-8	P400	50/4
00-51131-36259-8	P500	50/4
00-51131-36259-8	P600	50/4
00-51131-36259-8	P800	50/4
6" NH		
00-51131-36241-8	P80	50/4
00-51131-36242-5	P120	50/4
00-51131-36243-2	P150	50/4
00-51131-36244-9	P180	50/4
00-51131-36245-6	P220	50/4
00-51131-36246-8	P240	50/4
00-51131-36247-5	P320	50/4
00-51131-36248-7	P400	50/4
00-51131-36249-4	P500	50/4
00-51131-36250-0	P600	50/4
00-51131-36251-7	P800	50/4

3M™ Stikit™ Roll 360L

UPC	Grade	Qty/case
5" NH		
51135062135	P40	125/4
51135062142	P80	125/4
51119219517	P120	125/4
51135062173	P150	125/4
51135062197	P180	125/4
51135062203	P220	125/4
51135062210	P240	125/4
51135062227	P320	125/4
51135062234	P400	125/4
6" NH		
51135140116	P220	125/4
51135140086	P320	125/4
51135140062	P400	125/4
51135140055	P500	125/4
51135140048	P600	125/4
51135140031	P800	125/4
51135140024	P1000	125/4

Random Orbital Sanding

Random Orbital Sanding – Qualifying Products (cont.)

Scotch-Brite™ Hookit™ 7447 PRO Discs

- Very fine grade aluminum oxide abrasive cleans and finishes efficiently
- Use for cleaning, scuffing, finishing, and light paint removal on a variety of metals and plastics
- Unique fiber coating capability assures a fast, consistent scratch
- Nylon disc resists tearing and loading and will never rust, providing a long life, while flexible open web fibers conform to contoured surfaces
- Hookit™ attachment system makes disc changes quick and easy
- Can be used wet or dry and rinsed for repeated use



Scotch-Brite™ Hookit™ 7447 PRO Disc

UPC	Grade	Qty/case
5" x NH		
00-76308-77142-3	5 HLS, A VFN	40
6" x NH		
00-76308-77143-0	6 HLS, A VFN	40

Scotch-Brite™ Hookit™ 7448 PRO Discs

- Ultra-fine silicon carbide out-performs steel wool for cleaning, blending, prepping and finishing on metal, wood, plastics and composites
- Load and heat resistant non-woven web produces a more consistent finish than conventional non-woven abrasive products
- Conforms to irregular surfaces and gets into corners without losing performance
- Hookit™ attachment system makes disc changes quick and easy
- Can be used wet or dry and rinsed for repeated use



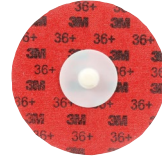
Scotch-Brite™ Hookit™ 7448 PRO Disc

MSC	Grade	Qty/case
5" x NH		
00-76308-77166-9	S ULF	40
00-76308-77169-0	5 HLS, S ULF	40
6" x NH		
00-76308-77170-6	6 HLS, S ULF	40

Roloc™ Discs Qualifying Products

3M™ Cubitron™ 2 Roloc™ Durable Edge Disc 984F

- Made with revolutionary 3M Precision-Shaped Ceramic Grain technology
- For grinding, blending and deburring of light to medium pressure applications for virtually all metal types
- Features a durable edge backing and grinding aid



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-51141-27701-1	2"	36+	White	25,000	50/200
00-51141-27709-7	2"	60+	White	25,000	50/200
00-51141-27717-2	2"	80+	White	25,000	50/200
00-51141-27702-8	3"	36+	White	20,000	50/200
00-51141-27710-3	3"	60+	White	20,000	50/200
00-51141-27718-9	3"	80+	White	20,000	50/200
Roloc™ TSM (metal button)					
00-51141-27705-9	2"	36+	Metal	25,000	50/200
00-51141-27713-4	2"	60+	Metal	25,000	50/200
00-51141-27721-9	2"	80+	Metal	25,000	50/200
00-51141-27706-6	3"	36+	Metal	20,000	50/200
00-51141-27714-1	3"	60+	Metal	20,000	50/200
00-51141-27722-6	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ 2 Roloc™ Fiber Disc 982C

- Features 3M Precision-Shaped Ceramic Grain technology and a rigid fiber backing, for a combination of long life and fast, aggressive cut
- Cuts faster, requires less grinding pressure and lasts up to twice as long as conventional ceramic abrasives
- Excellent for edge chamfering, beveling, blending and removing carbon steel welds, mill scale, machining grooves and more



MSC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-51115-66778-7	2"	36+	Brown	25,000	50/200
00-51115-66783-1	2"	60+	Orange	25,000	50/200
00-51115-66788-6	2"	80+	Yellow	25,000	50/200
00-51115-66779-4	3"	36+	Brown	20,000	50/200
00-5-115-66784-8	3"	60+	Orange	20,000	50/200
00-51115-66789-3	3"	80+	Yellow	20,000	50/200
Roloc™ TSM (metal button)					
00-51115-66781-7	2"	36+	Metal	25,000	50/200
00-51115-66786-2	2"	60+	Metal	25,000	50/200
00-51115-66791-6	2"	80+	Metal	25,000	50/200
00-51115-66782-4	3"	36+	Metal	20,000	50/200
00-51115-66787-9	3"	60+	Metal	20,000	50/200
00-51115-66792-3	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ 2 Roloc™ Durable Edge Disc 947A

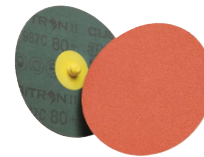
- Uses proprietary 3M Precision-Shaped Ceramic Grain to produce exceptionally fast cut rates
- Great for deburring, blending, cleaning, and finishing applications, while providing greater flexibility
- Features a durable edge backing and grinding aid



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-51141-54240-9	2"	40+	White	25,000	50/200
00-51141-54248-5	2"	60+	White	25,000	50/200
00-51141-54256-0	2"	80+	White	25,000	50/200
00-51141-54264-5	2"	120+	White	25,000	50/200
00-51141-54241-6	3"	40+	White	20,000	50/200
00-51141-54249-2	3"	60+	White	20,000	50/200
00-51141-54257-7	3"	80+	White	20,000	50/200
00-51141-54265-2	3"	120+	White	20,000	50/200
Roloc™ TSM (metal button)					
00-51141-54244-7	2"	40+	Metal	25,000	50/200
00-51141-54252-2	2"	60+	Metal	25,000	50/200
00-51141-54260-7	2"	80+	Metal	25,000	50/200
00-51141-54268-3	2"	120+	Metal	25,000	50/200
00-51141-54245-4	3"	40+	Metal	20,000	50/200
00-51141-54253-9	3"	60+	Metal	20,000	50/200
00-51141-54261-4	3"	80+	Metal	20,000	50/200
00-51141-54269-0	3"	120+	Metal	20,000	50/200

3M™ Cubitron™ 2 Roloc™ Fiber Disc 987C

- Features 3M Precision-Shaped Ceramic Grain, engineered with ultra-sharp, fast cutting points that wear evenly, run cool, and optimize mineral breakdown to maximize life
- Best-in-class for weld prep and removal on heat sensitive alloys, such as stainless steel



MSC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-51125-94952-1	2"	36+	Brown	25,000	50/200
00-51125-94957-6	2"	60+	Orange	25,000	50/200
00-51125-94962-0	2"	80+	Yellow	25,000	50/200
00-51125-94953-8	3"	36+	Brown	20,000	50/200
00-51125-94958-3	3"	60+	Orange	20,000	50/200
00-51125-94963-7	3"	80+	Yellow	20,000	50/200
Roloc™ TSM (metal button)					
00-51125-94955-2	2"	36+	Metal	25,000	50/200
00-51125-94960-6	2"	60+	Metal	25,000	50/200
00-51125-94965-1	2"	80+	Metal	25,000	50/200
00-51125-94956-9	3"	36+	Metal	20,000	50/200
00-51125-94961-3	3"	60+	Metal	20,000	50/200
00-51125-94966-8	3"	80+	Metal	20,000	50/200

Roloc™ Discs – Qualifying Products (cont.)

3M™ Roloc™ Fiber Disc 782C

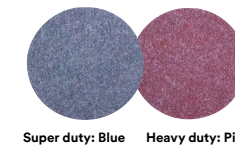
- Features 3M Precision-Shaped Ceramic Grain
- With its outstanding cut, durability and ease of use, this disc offers a major step up in performance over conventional fiber discs
- Advanced abrasive technology makes them an excellent choice for tough applications, including weld removal, blending and finish refinement
- Ideal choice for carbon steel



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-76308-89665-2	2"	36+	Brown	25,000	50/200
00-76308-89670-6	2"	60+	Orange	25,000	50/200
00-76308-89675-1	2"	80+	Yellow	25,000	50/200
00-76308-89666-9	3"	36+	Brown	20,000	50/200
00-76308-89671-3	3"	60+	Orange	20,000	50/200
00-76308-89676-8	3"	80+	Yellow	20,000	50/200

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

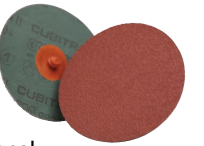
- 3M ceramic aluminum oxide blend abrasive grain
- Resists edge wear
- Great for light grinding, deburring and blending on all metals



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-48011-60355-1	2"	A CRS SD	Blue	25,000	50/200
00-48011-60354-4	2"	A CRS HD	Pink	25,000	50/200
00-48011-60357-5	3"	A CRS SD	Blue	18,000	25/100
00-48011-60356-8	3"	A CRS HD	Pink	18,000	25/100
Roloc™ TSM (metal button)					
00-48011-60375-9	2"	A CRS SD	Blue	25,000	50/200
00-48011-60374-2	2"	A CRS HD	Pink	25,000	50/200
00-48011-60377-3	3"	A CRS SD	Blue	18,000	25/100
00-48011-60376-6	3"	A CRS HD	Pink	18,000	25/100

3M™ Roloc™ Fiber Disc 787C

- Made with revolutionary 3M Precision-Shaped Ceramic Grain technology
- Provides long life and fast cut
- Cuts cooler, faster and lasts longer than conventional ceramic discs
- Optimized for use on stainless steel and non-ferrous materials



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-76308-89689-8	2"	36+	Brown	25,000	50/200
00-76308-89694-2	2"	60+	Orange	25,000	50/200
00-76308-89699-7	2"	80+	Yellow	25,000	50/200
00-76308-89704-8	2"	120+	White	25,000	50/200
00-76308-89690-4	3"	36+	Brown	20,000	50/200
00-76308-89695-9	3"	60+	Orange	20,000	50/200
00-76308-89700-0	3"	80+	Yellow	20,000	50/200
00-76308-89705-5	3"	120+	White	20,000	50/200

Scotch-Brite™ Roloc™ Surface Conditioning Disc (SC)

- Combines our durable, non-woven disc with the efficient 3M™ Roloc™ quick-change attachment system
- An effective disc that cleans, finishes, blends and deburrs
- Conformable, non-woven disc combined with Roloc backing allows for aggressive cuttings
- Open-web construction resists loading and runs cool, allowing for consistent finishes



UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
00-48011-05528-2	2"	A CRS	Brown	25,000	50/200
00-48011-05527-5	2"	A MED	Maroon	25,000	50/200
00-48011-05523-7	2"	A VFN	Blue	25,000	50/200
00-48011-05522-0	2"	S SFN	Gray	25,000	50/200
00-48011-05532-9	3"	A CRS	Brown	18,000	25/100
00-48011-05531-2	3"	A MED	Maroon	18,000	25/100
00-48011-05530-5	3"	A VFN	Blue	18,000	25/100
00-48011-05529-9	3"	S SFN	Gray	18,000	25/100
Roloc™ TSM (metal button)					
00-48011-25765-5	2"	A CRS	Metal	25,000	50/200
00-48011-25764-8	2"	A MED	Metal	25,000	50/200
00-48011-25770-9	2"	A VFN	Metal	25,000	50/200
00-48011-25767-9	3"	A CRS	Metal	18,000	25/100
00-48011-25766-2	3"	A MED	Metal	18,000	25/100
00-48011-25780-8	3"	A VFN	Metal	18,000	25/100

Roloc™ Discs – Qualifying Products (cont.)

Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc - TS

- Features 3M Precision-Shaped Grain for improved performance over traditional surface conditioning discs
- 3M™ Roloc™ attachment allows for easy disc changes
- Designed for ease of use and consistent surface finishing results
- Conformable nonwoven material cleans and finishes surfaces without gouging, undercutting or damaging the base material
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more



UPC	Diameter (Inches)	Grade	Max. speed (RPM)	Qty./Case
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Roloc™ TSM (metal button)

00-638060-89211-4	3/4 x NH	Very Fine	30,000	200
00-638060-89210-7	3/4 x NH	Fine	30,000	200
00-638060-89209-1	3/4 x NH	Medium	30,000	200
00-638060-89208-4	3/4 x NH	Coarse	30,000	200
00-638060-89207-7	3/4 x NH	Extra Coarse	30,000	200
00-638060-89206-0	1 x NH	Very Fine	30,000	200
00-638060-89205-3	1 x NH	Fine	30,000	200
00-638060-89204-6	1 x NH	Medium	30,000	200
00-638060-89203-9	1 x NH	Coarse	30,000	200
00-638060-89202-2	1 x NH	Extra Coarse	30,000	200
00-638060-89201-5	1-1/2 x NH	Very Fine	30,000	200
00-638060-89200-8	1-1/2 x NH	Fine	30,000	200
00-638060-89199-5	1-1/2 x NH	Medium	30,000	200
00-638060-89198-8	1-1/2 x NH	Coarse	30,000	200
00-638060-89197-1	1-1/2 x NH	Extra Coarse	30,000	200
00-638060-89195-7	2 x NH	Very Fine	25,000	200
00-638060-89194-0	2 x NH	Fine	25,000	200
00-638060-89193-3	2 x NH	Medium	25,000	200
00-638060-89192-6	2 x NH	Coarse	25,000	200
00-638060-89191-9	2 x NH	Extra Coarse	25,000	200
00-638060-89190-2	3 x NH	Very Fine	20,000	100
00-638060-89189-6	3 x NH	Fine	20,000	100
00-638060-89188-9	3 x NH	Medium	20,000	100
00-638060-89188-9	3 x NH	Coarse	20,000	100
00-638060-89186-5	3 x NH	Extra Coarse	20,000	100
00-638060-89185-8	4 x NH	Very Fine	15,000	100
00-638060-89184-1	4 x NH	Fine	15,000	100
00-638060-89183-4	4 x NH	Medium	15,000	100
00-638060-89182-7	4 x NH	Coarse	15,000	100
00-638060-89181-0	4 x NH	Extra Coarse	15,000	100

Scotch-Brite™ Roloc™ Precision Surface Conditioning Disc - TR

- Features 3M Precision-Shaped Grain for improved performance over traditional surface conditioning discs
- 3M™ Roloc™ attachment allows for easy disc changes
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more



UPC	Diameter (Inches)	Grade	Max. speed (RPM)	Min./case
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Roloc™ TR (plastic button)

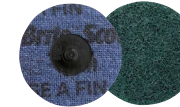
00-638060-89274-9	3/4 x NH	Very Fine	30,000	200
00-638060-89273-2	3/4 x NH	Fine	30,000	200
00-638060-89272-5	3/4 x NH	Medium	30,000	200
00-638060-89271-8	3/4 x NH	Coarse	30,000	200
00-638060-89270-1	3/4 x NH	Extra Coarse	30,000	200
00-638060-89323-4	1 x NH	Very Fine	25,000	200
00-638060-89322-7	1 x NH	Fine	25,000	200
00-638060-89321-0	1 x NH	Medium	25,000	200
00-638060-89320-3	1 x NH	Coarse	25,000	200
00-638060-89319-7	1 x NH	Extra Coarse	25,000	200
00-638060-89318-0	1-1/2 x NH	Very Fine	30,000	100
00-638060-89317-3	1-1/2 x NH	Fine	30,000	100
00-638060-89316-6	1-1/2 x NH	Medium	30,000	100
00-638060-89315-9	1-1/2 x NH	Coarse	30,000	100
00-638060-89314-2	1-1/2 x NH	Extra Coarse	30,000	100
00-638060-89313-5	1-1/2 x NH	Very Fine	30,000	200
00-638060-89312-8	1-1/2 x NH	Fine	30,000	200
00-638060-89311-1	1-1/2 x NH	Medium	30,000	200
00-638060-89310-4	1-1/2 x NH	Coarse	30,000	200
00-638060-89309-8	1-1/2 x NH	Extra Coarse	30,000	200
00-638060-89308-1	2 x NH	Very Fine	25,000	100
00-638060-89307-4	2 x NH	Fine	25,000	100
00-638060-89306-7	2 x NH	Medium	25,000	100
00-638060-89305-0	2 x NH	Coarse	25,000	100
00-638060-89304-3	2 x NH	Extra Coarse	25,000	100
00-638060-89298-5	2 x NH	Very Fine	25,000	1000
00-638060-89297-8	2 x NH	Fine	25,000	1000
00-638060-89296-1	2 x NH	Medium	25,000	1000
00-638060-89295-4	2 x NH	Coarse	25,000	1000
00-638060-89294-7	2 x NH	Extra Coarse	25,000	1000
00-638060-89293-0	3 x NH	Very Fine	20,000	100
00-638060-89292-3	3 x NH	Fine	20,000	100
00-638060-89291-6	3 x NH	Medium	20,000	100
00-638060-89290-9	3 x NH	Coarse	20,000	100
00-638060-89289-3	3 x NH	Extra Coarse	20,000	100
00-638060-89288-6	3 x NH	Very Fine	20,000	1000
00-638060-89287-9	3 x NH	Fine	20,000	1000
00-638060-89286-2	3 x NH	Medium	20,000	1000
00-638060-89285-5	3 x NH	Coarse	20,000	1000
00-638060-89284-8	3 x NH	Extra Coarse	20,000	1000
00-638060-89283-1	4 x NH	Very Fine	15,000	100
00-638060-89282-4	4 x NH	Fine	15,000	100
00-638060-89281-7	4 x NH	Medium	15,000	100
00-638060-89280-0	4 x NH	Coarse	15,000	100
00-638060-89268-8	4 x NH	Extra Coarse	15,000	100

Roloc™ Discs

Roloc™ Discs – Qualifying Products (cont.)

Scotch-Brite™ Roloc™ Surface Conditioning Disc SE

- Coarse, tough non-woven disc with a strong edge aggressively deburrs and finishes



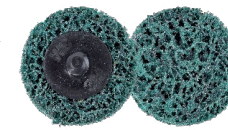
UPC	Diameter (Inches)	Grade	Button color	Max. speed (RPM)	Qty./Case
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Roloc™ TR (plastic button)

00-48011-18081-6	2"	A CRS	Brown	25,000	50/200
00-48011-18471-5	2"	A MED	Maroon	25,000	50/200
00-48011-30005-4	2"	A FIN	Green	25,000	50/200
00-48011-18082-3	3"	A CRS	Brown	18,000	25/100
00-48011-18472-2	3"	A MED	Maroon	18,000	25/100
00-48011-93453-2	3"	A FIN	Green	18,000	25/100

Scotch-Brite™ Roloc™ Clean and Strip XT Pro Extra Cut Disc

- Aluminum oxide abrasive mineral in an open nylon web effectively removes heavy rust, thick paint and corrosion while also scratching the base material underneath to save you time
- The high-strength fibers are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece
- High speed rating and low vibration
- Roloc™ attachment system makes disc changes easy



UPC	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
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Roloc™ TR (plastic button)

06-38060-21545-6	3" x NH	A XCS	Green	10/40
06-38060-21544-9	3" x NH	A/O Extra Coarse, TR	Green	10
06-38060-21546-3	4" x NH	A XCS	Green	10/40
06-38060-21543-2	2" x NH	A/O Extra Coarse, TR	Green	10/60

Scotch-Brite™ Roloc™ Clean and Strip XT Pro Disc

- Features silicon carbide abrasive mineral incorporated into an open nylon web to effectively remove rust, paint, mill scale, coatings and adhesives from surfaces without significantly altering the base material
- The high-strength fibers are highly conformable, resist chunking and loading, and perform well on the edges of a workpiece
- High speed rating, low vibration and low spark
- Roloc™ attachment system makes disc changes easy



UPC	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Min./case
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Roloc™ TR (plastic button)

06-38060-21540-1	3" x NH	SiC Extra Coarse, TR	Purple	10
06-38060-21541-8	3" x NH	S XCS	Purple	10/40
06-38060-21538-8	2" x NH	S XCS	Purple	10/60
06-38060-21542-5	4" x NH	S XCS	Purple	10/40

Scotch-Brite™ Roloc™ Deburr and Finish PRO Unitized Wheel (DP-UW)

- Soft to reduce defects, yet wears like iron, for fewer wheel change-outs
- Faster burr removal and better finish



UPC	Size (dia. × thk. × ctr. hole)	Grade	Max. speed (RPM)	Qty./case
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Roloc™ TR (plastic button)

00-76308-77115-7	2" x 1/4" x NH	4C MED+	22,100	60
00-48011-65081-4	2" x 1/8" x NH	6C MED+	22,100	120
00-48011-65082-1	2" x 1/4" x NH	6C MED+	22,100	60
00-76308-77116-4	3" x 1/4" x NH	4C MED+	15,100	40
00-48011-65084-5	3" x 1/8" x NH	6C MED+	15,100	40
00-48011-65083-8	3" x 1/4" x NH	6C MED+	15,100	40
00-76308-77198-0	2" x 1/4" x NH	8C CRS+	22,100	60
00-76308-77197-3	3" x 1/8" x NH	8C CRS+	15,100	40
00-76308-77199-7	3" x 1/4" x NH	8C CRS+	15,100	40
00-68060-65909-5	3" x 1/4" x NH	9C XCRS+	22,100	15/60
00-68060-65903-3	3" x 1/4" x NH	9C XCRS+	15,100	10/40

3M™ File Belts Qualifying Products

Scotch-Brite™ Durable Flex (DF) Surface Conditioning Belts

- Durable flex belt has great edge durability
- Aggressive and long lasting belt for deburring, finishing, blending and cleaning
- The reinforced low-stretch backing offers good flexibility



UPC	Size	Grade	Color	Qty/case
00-48011-64475-2	1/2" x 18"	A CRS	Brown	20
00-48011-64458-5	1/2" x 18"	A MED	Maroon	20
00-48011-64467-7	1/2" x 18"	A FIN	Green	20
00-48011-64476-9	1/2" x 24"	A CRS	Brown	20
00-48011-64459-2	1/2" x 24"	A MED	Maroon	20
00-48011-64468-4	1/2" x 24"	A FIN	Green	20
00-48011-64477-6	3/4" x 18"	A CRS	Brown	20
00-48011-64460-8	3/4" x 18"	A MED	Maroon	20
00-48011-64469-1	3/4" x 18"	A FIN	Green	20

3M™ Cubitron™ 3 Cloth Belt 1184F

- Re-engineered Precision-Shaped Grain: Helps increase cut rate and abrasive life to boost productivity
- Longer Life: Fewer changeouts needed and less downtime
- Cool Cutting: Designed to run cooler and reduce metal discoloration and other heat-related outcomes
- Operator Comfort Prioritized: Cuts with less pressure, helping reduce the demands on operators
- Inox & Contaminate Free: Reduces contaminates from belt embedding in substrates



UPC	Size	Grade	Qty/case
00-60440-61376-2	1/2" x 18"	36+	200
00-638060-88288-7	1/2" x 24"	36+	200
00-60440-61377-0	3/4" x 18"	36+	200
00-60440-61378-8	3/4" x 20-1/2"	36+	200

3M™ Cubitron™ 2 Cloth Belt 984F

- 3M Precision-Shaped Grain continuously fractures into sharp points that cut exceptionally fast, helping increase productivity
- Engineered to run cooler, reducing metal discoloration/oxidation and the chance of heat related stress cracks
- Reduces changeouts and downtime in robotic and pressure-assisted applications
- Belt life is significantly longer, producing more parts per belt and requiring fewer belt changes
- YF-weight backing excels in medium/high pressure stainless, cobalt chrome and nickel alloy applications



UPC	Size	Grade	Qty/case
00-051141-27511-6	1/2" x 18"	36+	50/200
00-051141-55041-1	1/2" x 18"	60+	50/200
00-051141-55048-0	1/2" x 18"	80+	50/200
00-051141-27512-3	1/2" x 24"	36+	50/200
00-051141-55031-2	1/2" x 24"	60+	50/200
00-051141-55054-1	1/2" x 24"	80+	50/200
00-051141-55064-0	3/4" x 18"	36+	50/200
00-051141-55030-5	3/4" x 18"	60+	50/200
00-051141-55047-3	3/4" x 18"	80+	50/200

3M™ File Belts – Qualifying Products (cont.)

3M™ Cubitron™ 2 Cloth Belt 947A

- 3M Precision-Shaped Grain slices through metals like a knife rather than gouging or plowing
- An X-weight poly-cotton backing is optimized for flexibility
- Removes material faster, with less pressure
- Includes a grinding aid for less grinding friction and cooler cutting
- Cool cutting action lessens the risk of heat-related damage to workpiece



UPC	Size	Grade	Qty/case
00-051125-94703-9	1/2" x 18"	60+	50/200
00-051125-94704-6	1/2" x 18"	80+	50/200
00-051125-94705-3	1/2" x 18"	120+	50/200
00-051125-94706-0	1/2" x 24"	60+	50/200
00-051125-94707-7	1/2" x 24"	80+	50/200
00-051125-94708-4	1/2" x 24"	120+	50/200
00-051125-94709-1	3/4" x 18"	60+	50/200
00-051125-94710-7	3/4" x 18"	80+	50/200
00-051125-94711-4	3/4" x 18"	120+	50/200

3M™ Cloth Belt 767F

- Delivers long-lasting performance and versatility at a value price
- Contains 3M Precision-Shaped Grain, which cuts faster and lasts longer than conventional abrasive grain
- Proven to outperform traditional alumina zirconia belts in cut-rate and life
- Ideal for use on carbon steel, stainless steel and aluminum



UPC	Size	Grade	Qty/case
00-638060-89835-2	1/4" x 18"	36+	20
00-638060-89780-5	1/4" x 18"	60+	20
00-638060-89778-2	1/4" x 24"	60+	20
00-638060-89861-1	1/2" x 12"	60+	20
00-638060-89859-8	1/2" x 12"	80+	200
00-638060-89840-6	1/2" x 12"	120+	200
00-638060-89846-8	1/2" x 18"	36+	200
00-638060-89810-9	1/2" x 18"	60+	200
00-638060-89811-6	1/2" x 18"	80+	200
00-638060-89781-2	1/2" x 18"	120+	200
00-638060-89779-9	1/2" x 24"	36+	200
00-638060-89860-4	1/2" x 24"	60+	200
00-638060-89817-8	1/2" x 24"	80+	200
00-638060-89825-3	1/2" x 24"	120+	200
00-638060-89836-9	1/2" x 34"	36+	200
00-638060-89845-1	3/4" x 18"	36+	200
00-638060-89864-2	3/4" x 18"	80+	200
00-638060-89844-4	3/4" x 18"	120+	200
00-638060-89806-2	3/4" x 20-1/2"	36+	200
00-638060-89813-0	3/4" x 20-1/2"	60+	200
00-638060-89858-1	3/4" x 20-1/2"	80+	200
00-638060-89866-6	1" x 18"	60+	200

3M™ Cloth Belt 384F

- General purpose belt delivers consistent, reliable performance on a wide range of substrates
- Polyester waterproof backing holds up for wet and dry applications
- XF-weight cloth backing withstands grinding and heavy sanding
- Resin bond withstands high heat and pressure



UPC	Size	Grade	Qty/case
00-076308-47073-9	1/2" x 18"	36+	50/200
00-076308-45587-3	1/2" x 18"	60+	50/200
00-076308-45588-0	1/2" x 18"	80+	50/200
00-076308-45586-6	1/2" x 24"	120+	50/200
00-076308-47069-2	1/2" x 24"	36+	50/200
00-076308-47070-8	1/2" x 24"	60+	50/200
00-076308-47071-5	1/2" x 24"	80+	50/200
00-051125-87318-5	1/2" x 24"	120+	50/200
00-076308-45583-5	3/4" x 18"	60+	50/200
00-076308-45584-2	3/4" x 18"	80+	50/200
00-076308-45585-9	3/4" x 18"	120+	50/200

3M™ Cubitron™ 2 Cloth Belt 784F

- 3M Precision-Shaped Grain blend provides significantly longer life than comparable aluminum oxide belts
- Proprietary mineral provides consistent, faster results on medium pressure applications, helping to improve productivity and throughput
- Reduces changeouts and downtime in robotic and pressure-assisted applications
- Moderately flexible backing provides conformability for grinding and blending both straight and contoured surfaces

UPC	Size	Grade	Qty/case
00-51125-87317-8	1/2" x 18"	36+	50/200
00-076308-45559-0	1/2" x 18"	60+	50/200
00-076308-45556-9	1/2" x 24"	60+	50/200
00-076308-45565-1	1/2" x 24"	80+	50/200
00-076308-47068-5	3/4" x 18"	36+	50/200
00-076308-45555-2	3/4" x 18"	60+	50/200
00-076308-45562-0	3/4" x 18"	80+	50/200

Right Angle Solutions Qualifying Products

3M™ Cubitron™ 3 Depressed Center Grinding Wheels — Type 27

- Fast-cutting, long-lasting wheels that require less pressure
- Ideal for heavy grinding and weld removal
- Specially formulated for use on stainless and mild steel
- Available with quick change attachment
- Do not use on tools without guards

UPC	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (inner/case)
00-63806-09000-17	4" × 1/4" × 3/8"	15,300	10/20
00-63806-08898-93 - NEW	4 × 1/4 × 5/8"	15,300	10/20
00-63806-09000-31	4 1/2" × 1/4" × 7/8"	13,300	10/20
00-63806-09000-79	5" × 1/4" × 7/8"	12,250	10/20
T27 Quick Change			
00-06044-06133-58	4 1/2" × 1/4" × 5/8"-11	13,300	10/20
00-76308-64317-1	5" × 1/4" × 5/8"-11	12,250	10/20



3M™ Silver Depressed Center Grinding Wheels

- Powered by the legendary speed and long life of 3M Precision-Shaped Ceramic Grain
- Ideal for weld removal, beveling, edge chamfering and more
- Offers a longer life and faster cut than aluminum oxide, alumina zirconia and conventional ceramic abrasives
- Available with quick change attachment

UPC	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
46516621	4" × 1/4" × 3/8"	15,300	10/20
46516597	4 1/2" × 1/4" × 7/8"	13,300	10/20
46516613	5" × 1/4" × 7/8"	12,250	10/20
T27 Quick Change			
20419388	4 1/2" × 1/4" × 5/8"-11"	13,300	10/20
20419404	5" × 1/4" × 5/8"-11	12,250	10/20



3M™ Cubitron™ 3 Fiber Disc 1182C

- Uses Re-Engineered Precision Shaped Grain, a proprietary technology designed with sharp, angular structures that continuously fracture to form sharp points to wear evenly, run cool, and optimize mineral breakdown
- A Whole New Cut Level: Delivers up to 51% faster initial cut rate and up to 61% faster sustained cut rate compared to the 3M™ Cubitron™ II Fiber Disc 982C
- Ideal for medium and high-pressure applications like weld removal, beveling and other aggressive grinding applications.

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case
3M™ Cubitron™ 3 Fibre Disc 1182C, Grade 36+				
00-60440-61294-7	4 x 5/8	36+	15,000	25/100
00-60440-61295-4	4 x 7/8	36+	15,000	25/100
00-60440-61296-2	4 1/2 x 7/8	36+	13,300	25/100
00-60440-61297-0	5 x 7/8	36+	12,000	25/100
00-60440-61298-8	6 x 7/8	36+	10,000	25/100
00-60440-61299-6	7 x 7/8	36+	8,600	25/100
00-60440-61300-2	9 1/8 x 7/8	36+	6,600	25/100
TN Quick Change				
00-60440-61301-0	4 1/2 x 5/8"-11	36+	13,300	25/100
00-60440-61302-8	5 x 5/8"-11	36+	12,000	25/100
00-60440-61303-6	7 x 5/8"-11	36+	8,600	25/100
GL Quick Change				
00-60440-6130-44	5 x 5/8"-11	36+	13,300	25/100
00-60440-61305-1	5 x 5/8"-11	36+	12,000	25/100
00-60440-61306-9	7 x 5/8"-11	36+	8,600	25/100



Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ Fiber Disc 1187C for stainless steel

- Uses Re-Engineered Precision Shaped Grain, a proprietary technology designed with sharp, angular structures that continuously fracture to form sharp points to wear evenly, run cool, and optimize mineral breakdown
- A WHOLE NEW CUT LEVEL: Delivers up to 53% faster initial cut rate and up to 43% faster sustained cut rate compared to the 3M™ Cubitron™ II Fiber Disc 987C, 36+
- Ideal for medium and high-pressure applications like weld removal, beveling and other aggressive grinding applications.

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case
3M™ Cubitron™ 3 Fibre Disc 1187C, Grade 36+				
00-60440-61321-8	4 x 5/8	36+	15,000	25/100
00-60440-61312-7	4 1/2 x 7/8	36+	15,000	25/100
00-60440-61313-5	5 x 7/8	36+	13,300	25/100
00-60440-61314-3	7 x 7/8	36+	12,000	25/100
00-60440-61315-0	9 1/8 x 7/8	36+	10,000	25/100
TN Quick Change				
00-60440-61316-8	4 1/2 x 5/8"-11	36+	13,300	25/100
00-60440-61317-6	5 x 5/8"-11	36+	12,000	25/100
00-60440-61318-4	7 x 5/8"-11	36+	8,600	25/100
GL Quick Change				
00-60440-61319-2	5 x 5/8"-11	36+	13,300	25/100
00-60440-61320-0	5 x 5/8"-11	36+	12,000	25/100



3M™ Cubitron™ 2 Fiber Disc 982CX Pro

- Faster cutting and longer lasting than our legendary 3M™ Cubitron™ II Fiber Discs 982C
- Cuts with less pressure—designed to help reduce operator fatigue
- Ideal for medium and high-pressure applications like weld removal, beveling and other aggressive grinding applications



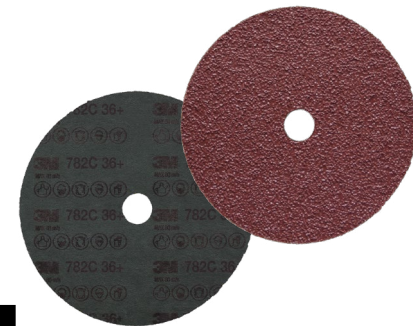
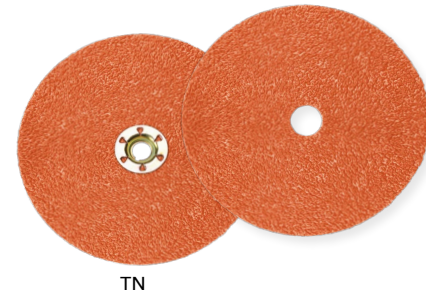
MSC	Diameter* (Inches)	Grade	Max. RPM	Min/case
3M™ Cubitron™ 2 Fibre Disc 982CX Pro, Grade 36+				
15548712	4 x 5/8	36+	15,000	25/100
15548639	4 x 7/8	36+	15,000	25/100
15548696	4 1/2 x 7/8	36+	13,300	25/100
15548753	5 x 7/8	36+	12,000	25/100
15548761	6 x 7/8	36+	10,000	25/100
15548746	7 x 7/8	36+	8,600	25/100
15548662	9 1/8 x 7/8	36+	6,600	25/100
TN Quick Change				
15548647	4 1/2 x 5/8"-11	36+	13,300	25/100
15548738	5 x 5/8"-11	36+	12,000	25/100
15548704	7 x 5/8"-11	36+	8,600	25/100
GL Quick Change				
15548670	4 1/2 x 5/8"-11	36+	13,300	25/100
15548720	4 1/2 x 5/8"-11	36+	12,000	25/100
15548688	7 x 5/8"-11	36+	8,600	25/100

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ 2 Fiber Disc 987C for stainless steel and other heat-sensitive alloys

- Provide a fast, cool, long-lasting cut that requires less grinding pressure
- Ideal for cool cutting on stainless steel, high-nickel alloys, and superalloys

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case
00-51141-27447-8	4 1/2" x 7/8"	36+	13,300	25/100
00-51141-27653-3		60+	13,300	25/100
00-51141-27657-1		80+	13,300	25/100
00-51141-27469-0	4 1/2" x TN**	36+	13,300	25/100
00-51141-27661-8		60+	13,300	25/100
00-51141-27664-9		80+	13,300	25/100
00-51141-27448-5	5" x 7/8"	36+	12,000	25/100
00-51141-27654-0		60+	12,000	25/100
00-51141-27658-8		80+	12,000	25/100
00-51141-27467-6	5" x TN**	36+	12,000	25/100
00-51141-27662-5		60+	12,000	25/100
00-51141-27665-6		80+	12,000	25/100
00-51141-27449-2	7" x 7/8"	36+	8,600	25/100
00-51141-27655-7		60+	8,600	25/100
00-51141-27659-5		80+	8,600	25/100
00-51141-27468-3	7" x TN**	36+	8,600	25/100
00-51141-27663-2		60+	8,600	25/100
00-51141-27666-3		80+	8,600	25/100
00-51141-27450-8	9 1/8" x 7/8"	36+	6,600	25/100
00-51141-27656-4		60+	6,600	25/100
00-51141-27660-1		80+	6,600	25/100



3M™ Fiber Disc 782C for carbon steel

- Features 3M Precision-Shaped Ceramic Grain
- For weld removal, beveling, edge chamfering and more
- Ideal for carbon steel applications

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case
00-76308-89589-1	4 1/2" x 7/8"	36+	13,300	25/100
00-76308-89598-3		60+	13,300	25/100
00-76308-89607-2		80+	13,300	25/100
00-76308-89590-7	5" x 7/8"	36+	12,000	25/100
00-76308-89599-0		60+	12,000	25/100
00-76308-89608-9		80+	12,000	25/100
00-76308-89591-4	7" x 7/8"	36+	8,600	25/100
00-76308-89600-3		60+	8,600	25/100
00-76308-89609-6		80+	8,600	25/100
00-76308-89592-1	9 1/8" x 7/8"	36+	6,600	25/100
00-76308-89601-0		60+	6,600	25/100
00-76308-89610-2		80+	6,600	25/100
TN Quick Change				
00-76308-89595-2	4 1/2" x 5/8"-11	36+	13,300	25/100
00-76308-89604-1		60+	13,300	25/100
00-76308-89613-3		80+	13,300	25/100
00-76308-89596-9	5" x 5/8"-11	36+	12,000	25/100
00-76308-89605-8		60+	12,000	25/100
00-76308-89614-0		80+	12,000	25/100
00-76308-89597-6	7" x 5/8"-11	36+	8,600	25/100
00-76308-89606-5		60+	8,600	25/100
00-76308-89615-7		80+	8,600	25/100

**Quick Change Tinneman Nut Attachment

Right Angle Solutions – Qualifying Products (cont.)

3M™ Fiber Discs 787C for stainless steel non-ferrous metals

- Feature 3M Precision-Shaped Ceramic Grain technology
- Ideal for weld removal, beveling, edge chamfering and more
- Optimized for stainless steel and heat sensitive alloys

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case
00-76308-89627-0	4 1/2" x 7/8"	36+	13,300	25/100
00-76308-89636-2		60+	13,300	25/100
00-76308-89645-4		80+	13,300	25/100
00-76308-89654-6	5" x 7/8"	120+	13,300	25/100
00-76308-89628-7		36+	12,000	25/100
00-76308-89637-9		60+	12,000	25/100
00-76308-89646-1	5" x TN**	80+	12,000	25/100
00-76308-89655-3		120+	12,000	25/100
00-76308-89629-4		36+	8,600	25/100
00-76308-89638-6	7" x 7/8"	60+	8,600	25/100
00-76308-89647-8		80+	8,600	25/100
00-76308-89656-0		120+	8,600	25/100
00-76308-89630-0	9 1/8" x 7/8"	36+	6,600	25/100
00-76308-89639-3		60+	6,600	25/100
00-76308-89648-5		80+	6,600	25/100
00-76308-89657-7		120+	6,600	25/100

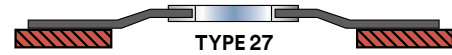
TN Quick Change				
00-76308-89633-1	4 1/2" x 5/8"-11	36+	13,000	25/100
00-76308-89642-3		60+	13,000	25/100
00-76308-89651-5		80+	13,000	25/100
00-76308-89658-4	5" x 5/8"-11	120+	13,000	25/100
00-76308-89634-8		36+	12,000	25/100
00-76308-89643-0		60+	12,000	25/100
00-76308-89652-2	5" x 5/8"-11	80+	12,000	25/100
00-76308-89659-1		120+	12,000	25/100
00-76308-89635-5		36+	8,600	25/100
00-76308-89644-7	7" x 5/8"-11	60+	8,600	25/100
00-76308-89653-9		80+	8,600	25/100
00-7-6308-89660-7		120+	8,600	25/100



Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ 2 Flap Discs 967A

- Powered by 3M Precision-Shaped Ceramic Grain
- Offer a great balance of fast cut and long life for a variety of medium-duty applications
- Constructed with a poly-cotton backing that exposes fresh material as they wear, for a fast, forgiving cut



UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
00-51141-55602-4	40+	4 1/2" x 5/8"-11	13,300	10
00-51141-55603-1	60+			
00-51141-55604-8	80+			
00-51141-55632-1	40+	4 1/2" x 5/8"-11 GIANT	13,300	10
00-51141-55633-8	60+			
00-51141-55634-5	80+			
00-51141-55605-5	40+	4 1/2" x 7/8"	13,300	10
00-51141-55606-2	60+			
00-51141-55607-9	80+			
00-51141-55635-2	40+	4 1/2" x 7/8" GIANT	13,300	10
00-51141-55636-9	60+			
00-51141-55637-6	80+			
00-51141-86715-3	40+	5" x 7/8"	12,000	10
00-51125-86718-4	60+			
00-51125-86719-1	80+			
00-51141-54179-2	40+	5" x 5/8"-11	12,000	10
00-51141-54182-2	60+			
00-51141-54183-9	80+			

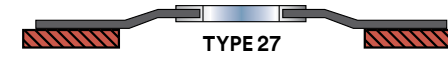


UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
00-51141-55614-7	40+	4" x 3/8-24"	15,000	10
00-51141-55615-4	60+			
00-51141-55616-1	80+			
00-51141-55620-8	40+	4 1/2" x 5/8"-11	13,300	10
00-51141-55621-5	60+			
00-51141-55622-2	80+			
00-51141-55644-4	40+	4 1/2" x 5/8"-11 GIANT	13,300	10
00-51141-55645-1	60+			
00-51141-55646-8	80+			
00-51141-55623-9	40+	4 1/2" x 7/8"	13,300	10
00-51141-55624-6	60+			
00-51141-55625-3	80+			
00-51141-55647-5	40+	4 1/2" x 7/8" GIANT	13,300	10
00-51141-55648-2	60+			
00-51141-55649-9	80+			
00-51125-86716-0	40+	5" x 7/8"	12,000	10
00-51125-86717-7	60+			
00-51125-86720-7	80+			
00-51141-54180-8	40+	5" x 5/8"-11	12,000	10
00-51141-54181-5	60+			
00-51141-54184-6	80+			

Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ 2 Flap Discs 969F

- Powered by 3M Precision-Shaped Ceramic Grain
- Feature a tough polyester backing to hold up under demanding applications like heavy grinding, deburring and beveling



UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
00-76308-64373-7	40+	4 1/2" x 5/8"-11	13,300	10
00-76308-64374-4	60+			
00-76308-64375-1	80+			
00-76308-64403-1	40+	4 1/2" x 5/8"-11 GIANT	13,300	10
00-76308-64404-8	60+			
00-7-6308-64405-5	80+			
00-76308-64376-8	40+	4 1/2" x 7/8"	13,300	10
00-76308-64377-5	60+			
00-76308-64378-2	80+			
00-76308-64406-2	40+	4 1/2" x 7/8" GIANT	13,300	10
00-76308-64407-9	60+			
00-76308-64408-6	80+			
00-76308-89844-1	40+	5" x 7/8"	12,000	10
00-76308-89847-2	60+			
00-76308-89848-9	80+			
00-76308-64367-6	40+	5" x 5/8"-11	12,000	10
00-76308-64370-6	60+			
00-76308-64371-3	80+			



UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
00-76308-64385-0	40+	4" x 3/8-24"	15,000	10
00-76308-64386-7	60+			
00-76308-64387-4	80+			
00-76308-64391-1	40+	4 1/2" x 5/8"-11	13,300	10
00-76308-64392-8	60+			
00-76308-64393-5	80+			
00-76308-64415-4	40+	4 1/2" x 5/8"-11 GIANT	13,300	10
00-76308-64416-1	60+			
00-76308-64417-8	80+			
00-76308-64394-2	40+	4 1/2" x 7/8"	13,300	10
00-76308-64395-9	60+			
00-76308-64396-6	80+			
00-76308-64418-5	40+	4 1/2" x 7/8" GIANT	13,300	10
00-76308-64419-2	60+			
00-76308-64420-8	80+			
00-76308-89845-8	40+	5" x 7/8"	12,000	10
00-76308-89846-5	60+			
00-76308-89849-6	80+			
00-76308-64368-3	40+	5" x 5/8"-11	12,000	10
00-76308-64369-0	60+			
00-76308-64372-0	80+			

Right Angle Solutions – Qualifying Products (cont.)

3M™ Flap Discs 769F

- Feature 3M Precision-Shaped Ceramic Grain technology
- Designed to provide a consistent cut over a wide range of medium- and heavy-duty applications



UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
06-38060-05903-6	40+	4 1/2" x 7/8"	13,300	10
06-38060-05904-3	60+			
06-38060-05905-0	80+			
06-38060-05924-1	120+			
06-38060-05915-9	40+	5" x 7/8"	12,000	10
06-38060-05918-0	60+			
06-38060-05919-7	80+			
06-38060-05928-9	120+			
06-38060-88512-3	40+	4-1/2" x 5/8"-11	13,300	10
06-38060-88511-6	60+			
06-38060-88510-9	80+			
06-38060-88509-3	120+			
06-38060-88505-5	40+	5" x 5/8"-11	12,000	10
06-38060-88504-8	60+			
06-38060-88503-1	80+			
06-38060-88502-4	120+			



UPC	Grade	Diameter x center hole (Inches)	Max. RPM (MOS)	Qty/case
11029634	40+	4 1/2" x 7/8"	13,300	10
11029543	60+			
11029600	80+			
11029717	120+			
11029741	40+	5" x 7/8"	12,000	10
11029550	60+			
11029758	80+			
11029824	120+			
20143913	40+	4-1/2" x 5/8"-11	13,000	10
20143947	60+			
20143939	80+			
20143996	120+			
20143129	40+	5" x 5/8"-11	12,000	10
20143954	60+			
20143962	80+			
20143111	120+			



Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ 3 Cut & Grind Wheels

- Designed to be used as both a depressed center grinding wheel and a cut-off wheel
- Ideal for cutting, grinding, gouging and more



UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
00-638060-90012-3	4" x 1/8" x 3/8"	15,300	10/20
00-638060-09001-78	5" x 1/8" x 7/8"	12,250	10/20
00-638060-09001-47	4 1/2" x 1/8" x 7/8"	13,300	10/20
00-068060-06650-10	4 1/2" x 1/8" x 5/8"-11	13,300	10/20
00-068060-06650-03	5" x 1/8" x 5/8"-11	12,250	10/20

3M™ Cut & Grind Wheels

- Feature 3M Precision-Shaped Ceramic Grain technology
- Long lasting and versatile wheel, ideal for back gouging, fillet weld removal, and notching



UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
06-38060-06460-3	4" x 1/8" x 3/8"	15,300	10/20
06-38060-06462-7	4" x 1/8" x 7/8"	12,250	10/20
06-38060-06463-4	5" x 1/8" x 7/8"	13,300	10/20
06-38060-06464-1	4 1/2" x 1/8" x 5/8"-11	13,300	10/20
06-38060-06465-8	5" x 1/8" x 5/8"-11	12,250	10/20

3M™ Cubitron™ 3 Cut-Off Wheels

- Feature 3M Precision-Shaped Ceramic Grain for a faster, longer-lasting cut
- Designed to provide high cut rates on all types of ferrous metals, stainless steels, alloy steels and cast iron
- Available in Type 1 (straight), Type 27 (depressed center) and with a quick change attachment



3M™ Cubitron™ 2 Cut-Off Wheel - T1

UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
06-38060-90031-4	3" x .035" x 3/8"	25,465	25/50
06-38060-90032-1	3" x .06" x 3/8"	25,465	25/50
00-638060-09003-38	4" x .035" x 3/8"	19,100	25/50
00-638060-09003-45	4" x .06" x 3/8"	19,100	25/50
00-638060-09003-52	4" x .125" x 3/8"	19,100	25/50
04-06403-51163-78	4 1/2" x .040" x 7/8"	13,300	25/50

3M™ Cubitron™ 2 Cut-Off Wheel – T27

UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
04-06403-51163-61	4 1/2" x .040" x 7/8"	13,300	25/50
00-638060-09004-13	4 1/2" x .045" x 7/8"	13,300	25/50
00-638060-09004-44	4 1/2" x .125" x 7/8"	13,300	25/50
00-638060-09004-51	5" x .045" x 7/8"	12,250	25/50
00-638060-09004-68	5" x .09" x 7/8"	12,250	25/50
T27 Quick Change			
00068060664860	4 1/2" x .045" x 5/8"-11	13,300	25/50
00068060664891	4 1/2" x .09" x 5/8"-11	13,300	25/50
00068060664877	4 1/2" x .125" x 5/8"-11	13,300	25/50

Right Angle Solutions – Qualifying Products (cont.)

3M™ Silver Cut-Off Wheels

- Feature 3M Precision-Shaped Ceramic Grain technology for a fast, smooth, long lasting cut
- Ideal for all types of ferrous metals, stainless steels and alloy steels
- Available in Type 1 (straight) and Type 27 (depressed center)



3M™ Silver Cut-Off Wheels – Type 1

UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
00-51125-87458-8	3" x .035" x 3/8"	25,465	25/50
00-51125-87459-5	3" x .060" x 3/8"	25,465	25/50
00-51125-87461-8	4" x .035" x 3/8"	19,100	25/50
00-51125-87462-5	4" x .060" x 3/8"	19,100	25/50
00-51125-87657-5	4" x .125" x 3/8"	19,100	25/50
00-51125-87464-9	4.5" x .040" x 7/8"	13,300	25/50
00-51125-87465-6	4.5" x .045" x 7/8"	13,300	25/50
00-51125-87467-0	5" x .045" x 7/8"	12,250	25/50

3M™ Silver Cut-Off Wheels – Type 27

UPC	Diameter x thickness x arbor hole (Inches)	Max. RPM	Quantity (Inner/case)
00-5-1125-87466-3	4 1/2" x .045" x 7/8"	13,300	25/50
00-5-1125-87659-9	4 1/2" x .093" x 7/8"	13,300	25/50
00-5-1125-87468-7	5" x .045" x 7/8"	12,250	10/20

Scotch-Brite™ Precision Surface Conditioning TN Quick Change Disc

- Features 3M Precision-Shaped Grain for improved performance over traditional surface conditioning discs
- TN quick-change attachment allows for easy disc changes
- Conformable non-woven material cleans and finishes surfaces without gouging, undercutting or damaging the base material
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more



UPC	Diameter x arbor hole (Inches)	Grade	Max. RPM	Quantity (Inner/case)
06-38060-89344-9	4-1/2 x 5/8"-11*	Medium	13,330	10
06-38060-89343-2		Coarse	13,330	10
06-38060-89373-9	4-1/2 x 5/8"-11*	Very Fine	13,330	50
06-38060-89372-2		Fine	13,330	50
06-38060-89371-5		Medium	13,330	50
06-38060-89370-8		Coarse	13,330	50
06-38060-89369-2		Extra Coarse	13,330	50
06-38060-89368-5	5 x 5/8"-11*	Very Fine	12,000	50
06-38060-89367-8		Fine	12,000	50
06-38060-89364-7		Medium	12,000	50
06-38060-89365-4		Coarse	12,000	50
06-38060-89366-1	Extra Coarse	12,000	50	
06-38060-89363-0	7 x 5/8"-11*	Very Fine	8,600	25
06-38060-89362-3		Fine	8,600	25
06-38060-89361-6		Medium	8,600	25
06-38060-89360-9		Coarse	8,600	25
06-38060-89359-3		Extra Coarse	8,600	25

*Quick-Change Tinnerman Nut (TN) Attachment

Right Angle Solutions – Qualifying Products (cont.)

Scotch-Brite™ Precision Surface Conditioning Disc - Center Hole Disc

- Features 3M Precision-Shaped Grain for improved performance over traditional surface conditioning discs
- Designed for ease of use and consistent surface finishing results
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more



UPC	Diameter x arbor hole (Inches)	Grade	Max. RPM	Quantity (Inner/case)
Center Hole				
06-38060-89231-2	4 x 5/8	Very Fine	15,000	100
06-38060-89230-5		Fine	15,000	100
06-38060-89229-9		Medium	15,000	100
06-38060-89228-2		Coarse	15,000	100
06-38060-89227-5		Extra Coarse	15,000	100
06-38060-89226-8	4-1/2 x 7/8	Very Fine	13,330	200
06-38060-89225-1		Fine	13,330	200
06-38060-89224-4		Medium	13,330	200
06-38060-89223-7		Coarse	13,330	200
06-38060-89222-0		Extra Coarse	13,330	200
06-38060-89221-3	5 x 7/8	Very Fine	12,000	50
06-38060-89220-6		Fine	12,000	50
06-38060-89219-0		Medium	12,000	50
06-38060-89218-3		Coarse	12,000	50
06-38060-89217-6		Extra Coarse	12,000	50
06-38060-89213-8	7 x 7/8	Very Fine	8,600	25
06-38060-89214-5		Fine	8,600	25
06-38060-89215-2		Medium	8,600	25
06-38060-89216-9		Coarse	8,600	25
06-38060-89212-1		Extra Coarse	8,600	25

Scotch-Brite™ Precision Surface Conditioning Disc, PN-DH

- Features 3M Precision-Shaped Grain for improved performance over traditional surface conditioning discs
- Hook & Loop attachment system utilizes nonwoven abrasive's natural loops to secure onto Hook & Loop Backup Pad
- Designed for ease of use and consistent surface finishing results
- Suitable for aluminum and soft metals, carbon steel, stainless steel, composite, plastics and more



UPC	Diameter x center hole (Inches)	Grade	Max. RPM	Quantity (Inner/case)
No Center Hole				
06-38060-89266-4	4 x NH	Very Fine	15,000	100
06-38060-89265-7		Fine	15,000	100
06-38060-89264-0		Medium	15,000	100
06-38060-89263-3		Coarse	15,000	100
06-38060-89262-6		Extra Coarse	15,000	100
06-38060-89256-5	4-1/2 x NH	Very Fine	13,330	200
06-38060-89255-8		Fine	13,330	200
06-38060-89254-1		Medium	13,330	200
06-38060-89253-4		Coarse	13,330	200
06-38060-89252-7		Extra Coarse	13,330	200
06-38060-89246-6	5 x NH	Very Fine	12,000	50
06-38060-89245-9		Fine	12,000	50
06-38060-89244-2		Medium	12,000	50
06-38060-89242-8		Coarse	12,000	50
06-38060-89243-5		Extra Coarse	12,000	50
06-38060-89241-1	6 x NH	Very Fine	10000	50
06-38060-89240-4		Fine	10000	50
06-38060-89239-8		Medium	10000	50
06-38060-89238-1		Coarse	10000	50
06-38060-89237-4		Extra Coarse	10000	50
06-38060-89236-7	7 x NH	Very Fine	8600	25
06-38060-89235-0		Fine	8600	25
06-38060-89234-3		Medium	8600	25
06-38060-89233-6		Coarse	8600	25
06-38060-89232-9		Extra Coarse	8600	25

Right Angle Solutions – Qualifying Products (cont.)

Scotch-Brite™ Light Grinding and Blending Discs (LGB)

- Durable discs constructed with aluminum oxide blend abrasive grain for an aggressive cut, long life and consistent finish
- Ideal for light grinding applications to produce a burr-free and paintable finish
- Resistant to edge wear

UPC	Diameter x center hole (Inches)	Grade	Max. RPM	Qty/case
00-48011-60349-0	4 1/2" x 5/8"-11	A CRS SD	13,000	50
00-48011-60348-3		A CRS HD	13,000	50
00-48011-60351-3	5" x 5/8"-11	A CRS SD	12,000	50
00-48011-60350-6		A CRS HD	12,000	50

UPC	Diameter x center hole (Inches)	Grade	Max. RPM	Qty/case
00-48011-60333-9†	4 1/2" x 7/8"	A CRS SD	10,000	50
00-48011-60332-2†		A CRS HD	10,000	50
00-48011-60341-4	5" x 7/8"	A CRS SD	10,000	50
00-48011-60336-0		A CRS HD	10,000	50



Scotch-Brite™ Clean and Strip XT Pro Discs

- Made with silicon carbide mineral
- Features optimized nylon fiber web for reduced chunking and higher conformability
- Ideal for surface prep and rust, paint and light mill scale removal

UPC	Diameter x center hole (Inches)	Type	Grade	Max. RPM	Qty/case
06-38060-05574-8	4 1/2" x 5/8"-11	Type 27 Quick Change	S XCS	13,300	10
06-38060-05586-1	4 1/2" x 7/8"	Type 27	S XCS	13,300	10
06-38060-05588-5	4 1/2" x 5/8"-11*	TN Quick Change	S XCS	13,300	10
06-38060-29931-9	5" x 5/8"-11	Type 27 Quick Change	S XCS	12,000	10



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

- Made from aluminum oxide mineral
- Removes thick paint, coatings and weld discoloration, as well as heavy rust and rust pits without leaving divots

UPC	Diameter x center hole (Inches)	Type	Grade	Max. RPM	Qty/case
06-38060-21050-5	4 1/2" x 5/8"-11	Type 27 Quick Change	A XCS	13,300	10
06-38060-21032-1	4 1/2" x 7/8"	Type 27	A XCS	13,300	10
06-38060-21037-6	4 1/2" x 5/8"-11*	TN Quick Change	A XCS	13,300	10
06-38060-29936-4	5" x 5/8"-11	Type 27 Quick Change	A XCS	12,000	10



*Quick Change Tinneman Nut Attachment

Right Angle Solutions – Qualifying Products (cont.)

Scotch-Brite™ Deburr & Finish PRO Unitized Wheel

- Smoother feel and finer finish than flap brushes, cartridge rolls, and other specialty products
- Ceramic material, combined with the self-sharpening grain, provides longer life and helps get the job done faster
- Useful in many industries: Rotors, Shrouds, Gears, Sheet Metal, Machined and Stamped Parts

UPC	Diameter x center hole (Inches)	Grade	Max. RPM	Qty/case
00-68060-65911-8	1" x 1" x 3/16"	9C XCRS+	30,100	50
00-48011-65057-9	2" x 1/8" x 1/4"	6C MED+	22,100	60
00-76308-90129-5	2" x 1/8" x 1/4"	8C CRS+	22,100	60
00-38060-05165-8	2" x 1/4" x 1/4"	2S FIN+	16,100	60
00-48011-65018-0	2" x 1/4" x 1/4"	6C MED+	22,100	60
00-76308-90124-0	2" x 1/4" x 1/4"	8C CRS+	22,100	60
00-68060-65912-5	2" x 1/4" x 1/4"	9C XCRS+	16,100	60
00-38060-05166-5	2" x 1/2" x 1/4"	2S FIN+	16,100	60
00-48011-65019-7	2" x 1/2" x 1/4"	6C MED+	22,100	30
00-76308-90125-7	2" x 1/2" x 1/4"	8C CRS+	22,100	30
00-38060-05167-2	2" x 3/4" x 1/4"	2S FIN+	16,100	30
00-48011-65020-3	2" x 3/4" x 1/4"	6C MED+	22,100	20
00-76308-90126-4	2" x 3/4" x 1/4"	8C CRS+	22,100	20
00-48011-65058-6	2" x 1" x 1/4"	6C MED+	22,100	20
00-48011-65021-0	3" x 1/8" x 1/4"	6C MED+	18,100	10
00-68060-65913-2	3" x 1/8" x 1/4"	9C XCRS+	18,100	40
00-76308-90127-1	3" x 1/8" x NH	4C CRS+	16,100	40
06-38060-88697-7	3" x 1/8" x 3/8"	8C MED+	16,100	40
00-76308-90132-5	3" x 1/8" x 3/8"	8C CRS+	18,100	40
06-38060-05161-0	3" x 1/4" x 1/4"	2S FIN+	12,100	40
00-48011-65004-3	3" x 1/4" x 1/4"	6C MED+	18,100	40
00-76308-90127-1	3 x 1/8 x 1/4	8C CRS+	18,100	40
06-38060-88694-6	3" x 1/4" x 1/4"	8C MED+	18,100	40
00-76308-90120-2	3" x 1/4" x 1/4"	8C CRS+	18,100	40
00-68060-65920-0	3" x 1/4" x 1/4"	9C XCRS+	18,100	10
06-38060-55921-5	5 3" x 1/4" x 3/8"	8C CRS+	10,000	40
00-68060-65905-7	3" x 1/4" x 3/8"	9C XCRS+	18,100	10
06-38060-88693-9	3" x 1/2" x 1/4"	8C Med+	18,100	40
06-38060-05163-4	3" x 1/2" x 1/4"	2S FIN+	10,000	20
00-48011-65007-4	3" x 1/2" x 1/4"	6C MED+	18,100	20
00-76308-90122-6	3" x 1/2" x 1/4"	8C CRS+	10,000	20
00-68060-65921-7	3" x 1/2" x 1/4"	9C XCRS+	18,100	20
06-38060-05171-9	3" x 1/2" x 3/8"	2S FIN+	18,100	20
00-76308-77111-9	3" x 1/2" x 3/8"	4C MED+	18,100	40
00-76308-77126-3	3" x 1/2" x 3/8"	6C MED+	10,000	20
06-38060-88695-3	3" x 1/2" x 3/8"	8C MED+	18,100	20
00-68060-65916-3	3" x 1/2" x 3/8"	9C XCRS+	18,100	20
00-76308-90132-5	3" x 1/2" x 3/8"	8C CRS+	18,100	20
00-76308-77110-2	3" x 1/2" x 1/4"	4C MED+	18,100	20
00-48011-65022-7	3" x 3/4" x 1/4"	6C MED+	15,100	20
06-38060-88696-0	3" x 3/4" x 1/4"	8C MED+	15,100	20
00-76308-90128-8	3" x 3/4" x 1/4"	8C CRS+	10,000	20
06-38060-05162-7	3" x 1" x 1/4"	2S FIN+	10,000	10
00-48011-65005-0	3" x 1" x 1/4"	6C MED+	15,100	10
00-76308-90121-9	3" x 1" x 1/4"	8C CRS+	15,100	20
06-38060-55920-8	3" x 1" x 3/8"	8C CRS+	10,000	20



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Abrasive Systems Division
3M Center, Building 223-6N-02
St. Paul, MN 55144-1000
1-866-279-1235
www.3M.com/abrasives

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