



3M Science.
Applied to Life.™

3M Abrasive Systems Tool Agreement

Complete Project Offering Catalog

It's time to tool up.

Welcome to the 3M Abrasive Systems Tool Agreement

HOW IT WORKS

Simply sign up for our exclusive 3M Abrasive Systems Tool Agreement with your 3M sales representative, and over the next 12 months, every time you complete enough qualifying abrasive purchases, 3M will send you one of our most popular power tools or accessories – absolutely free.

In order to qualify, all products purchased must be *first time* orders. Products that have been purchased previously are not eligible.

HOW TO USE THIS CATALOG

In this catalog, you'll find details on each program, including a complete list of all qualifying abrasives and available free tools and accessories. Use this catalog to select which program(s) is right for you, or as a reference throughout the program.

	Buy this...	▶	...and get this for FREE!
Program 1 Random Orbital Sanding Page 3	\$2,500 of qualifying 3M™ Random Orbital Sanding Discs	▶	One (1) 3M™ Random Orbital Sander or Three (3) Cases of 3M™ Disc Pads
Program 2 3M™ Roloc™ Discs Page 9	\$5,000 of qualifying 3M™ Roloc™ Abrasive Discs	▶	One (1) 3M™ Disc Sander or Three (3) Cases of 3M™ Roloc™ Disc Pads
Program 3 3M™ File Belts Page 13	\$3,000 of qualifying 3M™ File Belts	▶	One (1) 3M™ File Belt Tool or Two (2) 3M™ File Belt Sander Attachment Arms
Program 4 Right Angle Solutions Page 16	\$10,000 of qualifying 3M™ Right Angle Abrasives	▶	One (1) 3M™ Grinder, 1.5 HP or One (1) 3M™ Cut-Off Wheel Tool, 1.5 HP
	\$6,000 of qualifying 3M™ Right Angle Abrasives	▶	One (1) 3M™ Grinder, 1 HP or One (1) 3M™ Cut-Off Wheel Tool, 1 HP
	\$4,000 of qualifying 3M™ Fibre Discs	▶	One (1) Set of 3M™ Fibre Disc Accessories: Choose among 3 combinations of faceplate, disc pad hub and retainer nut

Program 1: Random Orbital Sanding

Over the next 12 months, for every \$2,500 in purchases of qualifying 3M™ Random Orbital Sanding Discs, get a 3M™ Random Orbital Sander or 3 cases of 3M™ Back Up Pads of your choice – **FREE!**

Program 1: Random Orbital Sanding – Free Tools & Accessories

3M™ Random Orbital Sanders

- 3M™ Gripping Material for better control with less effort
- Recessed lever eliminates pinch points
- Thumb wheel mounted speed control reduces accidental speed changes
- Integrated Wrist Support for comfort and leverage
- Aluminum housing and composite cover for added durability and reduced vibration
- Internal muffler reduces breakage, SGV 6 dB quieter



28494/28496



28583/28495/28497/28708/28498



28582/28499/28500/28501

3M™ Elite Non-Vacuum Random Orbital Sanders

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

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
051141-28494-1	28494	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	73 (84)	1.5 (.7)	6 (147)	4 (92.5)	Hookit™ 20350
051125-87092-4	87092	3 (76)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	73 (84)	1.3 (.6)	6 (147)	3 (86)	Hookit™ 20350
051141-28583-2	28583	5 (127)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	74 (85)	1.8 (.8)	7 (172)	4 (91)	Stikit™ 20351
051141-28495-8	28495	5 (127)	12,000	0.28 (209)	5/16 (8)	17 (481)	74 (85)	1.8 (.8)	7 (172)	4 (91)	Stikit™ 20351
051141-28497-2	28497	5 (127)	12,000	0.28 (209)	3/16 (5)	17 (481)	74 (85)	1.8 (.8)	7 (172)	4 (91)	Stikit™ 20351
051141-28708-9	28708	5 (127)	12,000	0.28 (209)	3/16 (5)	17 (481)	74 (85)	1.8 (.8)	7 (172)	4 (91)	Hookit™ 20352
051141-28498-9	28498	5 (127)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	74 (85)	1.7 (.8)	7 (172)	4 (91)	Stikit™ 20351
051141-28582-5	28582	6 (152)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	75 (86)	1.9 (.9)	7 (187)	4 (91)	Stikit™ 20354
051141-28499-6	28499	6 (152)	12,000	0.28 (209)	5/16 (8)	17 (481)	75 (86)	1.9 (.9)	7 (187)	4 (91)	Stikit™ 20354
051141-28500-9	28500	6 (152)	12,000	0.28 (209)	3/16 (5)	17 (481)	75 (86)	1.9 (.8)	7 (187)	4 (91)	Stikit™ 20354
051141-28501-6	28501	6 (152)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	75 (86)	2.1 (1.0)	7 (187)	4 (91)	Stikit™ 20354

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



28511/28513



28563/28512/28514/28515



28562/28510/28516/28517

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
051141-28511-5	28511	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	85 (96)	1.7 (.8)	8 (209)	4 (93)	Hookit™ 20350
051141-28513-9	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
051141-28563-4	28563	5 (127)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	84 (95)	1.9 (.9)	9 (234)	4 (93)	Hookit™ 20353
051141-28512-2	28512	5 (127)	12,000	0.28 (209)	5/16 (8)	17 (481)	86 (97)	1.9 (.9)	9 (234)	4 (93)	Hookit™ 20353
051141-28514-6	28514	5 (127)	12,000	0.28 (209)	3/16 (5)	17 (481)	86 (97)	1.9 (.9)	9 (234)	4 (93)	Hookit™ 20353
051141-28515-3	28515	5 (127)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	86 (97)	1.8 (.8)	9 (234)	4 (93)	Hookit™ 20353
051141-28562-7	28562	6 (152)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	87 (94)	2.1 (.9)	10 (245)	4 (93)	Hookit™ 20356
051141-28510-8	28510	6 (152)	12,000	0.28 (209)	5/16 (8)	17 (481)	88 (99)	2.0 (.9)	10 (245)	4 (93)	Hookit™ 20356
051141-28516-0	28516	6 (152)	12,000	0.28 (209)	3/16 (5)	17 (481)	89 (100)	2.0 (.9)	10 (245)	4 (93)	Hookit™ 20356
051141-28517-7	28517	6 (152)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	88 (99)	1.9 (.9)	10 (245)	4 (93)	Hookit™ 20356

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

Abrasive Systems Tool Agreement

Program 1: Random Orbital Sanding – Free Tools & Accessories (cont.)

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

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



28503/28505



28561/28504/28506/28507



28560/28502/28508/28509

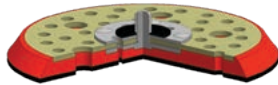
UPC	Model number	Tool diameter Inch (mm)	Max. RPM	Motor HP (W)	Orbit diameter Inch (mm)	Air flow rate SCFM (LPM)	Noise level dBA (power)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)	Pad included
051141-28503-0	28503	3 (76)	12,000	0.28 (209)	3/16 (5)	17 (481)	72 (83)	1.8 (.8)	8 (203)	4 (93)	Hookit™ 20350
051141-28505-4	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
051141-28561-0	28561	5 (127)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	73 (84)	1.9 (.9)	9 (227)	4 (93)	Hookit™ 20353
051141-28504-7	28504	5 (127)	12,000	0.28 (209)	5/16 (8)	17 (481)	73 (84)	1.9 (.9)	9 (227)	4 (93)	Hookit™ 20353
051141-28506-1	28506	5 (127)	12,000	0.28 (209)	3/16 (5)	17 (481)	73 (84)	1.8 (.8)	9 (227)	4 (93)	Hookit™ 20353
051141-28507-8	28507	5 (127)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	73 (84)	1.8 (.8)	9 (227)	4 (93)	Hookit™ 20353
051141-28560-3	28560	6 (152)	12,000	0.28 (209)	3/8 (9.5)	17 (481)	76 (87)	2.0 (.9)	9 (238)	4 (93)	Hookit™ 20356
051141-28502-3	28502	6 (152)	12,000	0.28 (209)	5/16 (8)	17 (481)	76 (87)	2.0 (.9)	9 (238)	4 (93)	Hookit™ 20356
051141-28508-5	28508	6 (152)	12,000	0.28 (209)	3/16 (5)	17 (481)	76 (87)	2.0 (.9)	9 (238)	4 (93)	Hookit™ 20356
051141-28509-2	28509	6 (152)	12,000	0.28 (209)	3/32 (2.5)	17 (481)	76 (87)	1.9 (.9)	9 (238)	4 (93)	Hookit™ 20356

Program 1: Random Orbital Sanding – Free Tools & Accessories (cont.)

3M™ Random Orbital Sander 5" and 6" Backup Pads

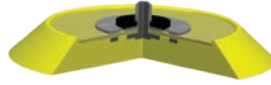
One Piece Stud Design, Color Coded and Simplified

Red — Firm



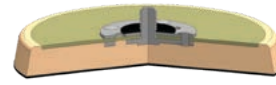
Low Profile Design

Yellow — Medium
















Standard Tapered Design

Beige — Soft



Low Profile Finishing Design

	UPC	Attachment	Number of holes	Part number	Diameter (inches)	Thickness (inches)	Thread	Foam	Face	Pads/case
Low Profile		3M™ Stikit™	–	20351	5"	3/8"	5/16–24 EXT	Red	Blue	10
			–	20354	6"	3/8"	5/16–24 EXT	Red	Blue	10
			–	85104	5"	3/8"	5/16–24 EXT	Red	Silver	10
			5 Holes	20442	5"	3/8"	5/16–24 EXT	Red	Blue	10
			6 Holes	20454	6"	3/8"	5/16–24 EXT	Red	Blue	10
		3M™ Hookit™	–	20352	5"	3/8"	5/16–24 EXT	Red	Black	10
			–	20355	6"	3/8"	5/16–24 EXT	Red	Black	10
			5 Holes	05855	5"	3/8"	5/16–24 EXT	Red	Yellow	10
			6 Holes	25122	6"	3/8"	5/16–24 EXT	Red	Black	10
			44 Holes	20353	5"	3/8"	5/16–24 EXT	Red	Black	10
			52 Holes	20356	6"	3/8"	5/16–24 EXT	Red	Black	10
Standard			861 Plus, 53 Holes	20465	6"	3/8"	5/16–24 EXT	Red	Black	10
		3M™ Stikit™	–	05575	5"	3/4"	5/16–24 EXT	Yellow	Blue	10
			–	45215	5"	3/4"	5/16–24 EXT	Yellow	Silver	10
			–	81821	5"	3/4"	5/16–24 EXT	Yellow	Red	10
			–	28772	6"	3/4"	5/16–24 EXT	Yellow	Blue	10
			5 Holes	45217	5"	3/4"	5/16–24 EXT	Yellow	Blue	10
			6 Holes	45218	6"	3/4"	5/16–24 EXT	Yellow	Blue	10
		3M™ Hookit™	–	05775	5"	3/4"	5/16–24 EXT	Yellow	Yellow	10
			–	70138	6"	3/4"	5/16–24 EXT	Yellow	Yellow	10
			5 Holes	82659	5"	3/4"	5/16–24 EXT	Yellow	Yellow	10
			6 Holes	05876	6"	3/4"	5/16–24 EXT	Yellow	Yellow	10
Low Profile Finishing		3M™ Stikit™	–	05545	5"	11/16"	5/16–24 EXT	Beige	Brown	10
			–	05546	6"	11/16"	5/16–24 EXT	Beige	Brown	10
			5 Holes	05645	5"	11/16"	5/16–24 EXT	Beige	Blue	10
			6 Holes	05646	6"	11/16"	5/16–24 EXT	Beige	Brown	10
		3M™ Hookit™	–	77855	5"	11/16"	5/16–24 EXT	Beige	Yellow	10
			5 Holes	77856	5"	11/16"	5/16–24 EXT	Beige	Yellow	10
			5 Holes + Groove	84226	5"	11/16"	5/16–24 EXT	Beige	Black	10
			44 Holes	20290	5"	11/16"	5/16–24 EXT	Yellow	Yellow	10
			53 Holes	20425	6"	11/16"	5/16–24 EXT	Beige	Yellow	10

Program 1: Random Orbital Sanding – Qualifying Products

3M™ Cubitron™ II 732U Paper Sanding Discs

- Features 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™ Cubitron™ II Hookit™ Clean Sanding Paper Discs 732U

UPC	Grade	Qty/case
5" × NH		
051125-86842-6	80+	250
051125-86843-3	120+	250
076308-64260-0	150+	250
076308-64266-2	180+	250
076308-64272-3	220+	250
6" × NH		
051125-86844-0	80+	250
051125-86845-7	120+	250
051125-87062-7	150+	250
051125-87063-4	180+	250
076308-64272-3	220+	250

3M™ Cubitron™ II Hookit™ Paper Discs 732U

UPC	Grade	Qty/case
5" × NH		
051125-86842-6	80+	250
051125-86843-3	120+	250
076308-64260-0	150+	250
076308-64266-2	180+	250
076308-64272-3	220+	250
6" × NH		
051125-86844-0	80+	250
051125-86845-7	120+	250
051125-87062-7	150+	250
051125-87063-4	180+	250
076308-64272-3	220+	250

Also available in other sizes and hole patterns.
Contact your 3M Sales Specialist for more information.

3M™ Cubitron™ II Stikit™ Paper Disc Rolls 732U

UPC	Grade	Qty/case
5" × NH		
051125-86834-1	80+	100/roll
051125-86835-8	120+	100/roll
076308-64278-5	150+	100/roll
076308-64282-2	180+	100/roll
076308-64286-0	220+	100/roll
6" × NH		
051125-86836-5	80+	100/roll
051125-86837-2	120+	100/roll
051125-87066-5	150+	100/roll
051125-87067-2	180+	100/roll
051125-87101-3	220+	100/roll

3M™ Cubitron™ II Stikit™ Paper Discs 732U — Lined

UPC	Grade	Qty/case
5" × NH		
051125-86826-6	80+	250
051125-86827-3	120+	250
076308-64277-8	150+	250
076308-64281-5	180+	250
076308-64285-3	220+	250
6" × NH		
051125-86828-0	80+	250
051125-86829-7	120+	250
051125-87074-0	150+	250
051125-87075-7	180+	250
051125-87102-0	220+	250

Program 1: Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ II Film Discs 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, gelcoat and whitewood
- Available with Hookit™ and Stikit™ attachment systems to make changing discs fast and easy



3M™ Cubitron™ II Hookit™ Clean Sanding Discs 775L

UPC	Grade	Qty/case
5"		
51125-86822-8	80+	100/Roll
51125-86823-5	120+	125/Roll
76308-64258-7	150+	100/Roll
76308-64264-8	180+	100/Roll
76308-64270-9	220+	100/Roll
76308-47097-5	240+	100/Roll
76308-47081-4	320+	100/Roll
338060-05058-3	400+	100/Roll
6"		
51125-86820-4	80+	50/250
51125-86821-1	120+	50/250
51125-87041-2	150+	50/250
51125-87040-5	180+	50/250
51125-87089-4	220+	50/250
76308-47096-8	240+	50/250
76308-47099-9	320+	50/250
38060-05056-9	400+	50/250

3M™ Cubitron™ II Hookit™ Film Discs 775L

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

3M™ Cubitron™ II Stikit™ Film Disc Rolls 775L

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

3M™ Cubitron™ II Stikit™ Tab Lined Film Discs 775L

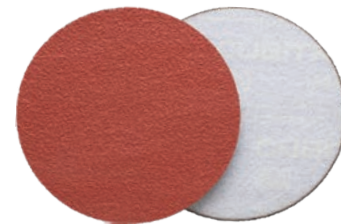
UPC	Grade	Qty/case
5" x NH		
51125-86802-0	80+	50/250
51125-86803-7	120+	50/250
76308-64275-4	150+	50/250
76308-64279-2	180+	50/250
76308-64283-9	220+	50/250
76308-47087-6	240+	50/250
76308-47083-8	320+	50/250
38060-05068-2	400+	50/250
6" x NH		
51125-86804-4	80+	50/250
51125-86805-1	120+	50/250
51125-87053-5	150+	50/250
51125-87052-8	180+	50/250
51125-87105-1	220+	50/250
76308-47088-3	240+	50/250
76308-47105-7	320+	50/250
38060-05067-5	400+	50/250

Also available in other sizes and hole patterns.

Program 1: Random Orbital Sanding – Qualifying Products (cont.)

3M™ Cubitron™ II Hookit™ Cloth Discs 947A

- Feature 3M Precision-Shaped Grain and a durable X-weight poly-cotton backing for aggressive applications
- 40+ and 60+ grades ideal for shaping, dimensioning and detailing architectural elements
- 80+ and 120+ grades best for leveling and finishing, especially for “body-in-white” applications
- Produces fine finish for fast surface prep on a variety of substrates



UPC	Size (inches)	Grade	Max. RPM (OPM)	Qty/case
076308-45703-7	5" × NH	40+	12,000	200
076308-45715-0	5" × D/F	40+	12,000	200
076308-45704-4	5" × NH	60+	12,000	200
076308-45716-7	5" × D/F	60+	12,000	200
076308-45705-1	5" × NH	80+	12,000	200
076308-45717-4	5" × D/F	80+	12,000	200
076308-45706-8	5" × NH	120+	12,000	200
076308-45718-1	5" × D/F	120+	12,000	200
076308-45707-5	6" × NH	40+	12,000	200
076308-45719-8	6" × D/F	40+	12,000	200
076308-45708-2	6" × NH	60+	12,000	200
076308-45720-4	6" × D/F	60+	12,000	200
076308-45709-9	6" × NH	80+	12,000	200
076308-45721-1	6" × D/F	80+	12,000	200
076308-45710-5	6" × NH	120+	12,000	200
076308-45722-8	6" × D/F	120+	12,000	200

Also available in other sizes and hole patterns.

Program 2: Roloc™ Discs

Over the next 12 months, for every \$5,000 in purchases of qualifying 3M™ Roloc™ Discs, get a 3M™ Disc Sander or 3 cases of Roloc™ Back up Pads of your choice – **FREE!**

Program 2: Roloc™ Discs – Free Tools and Accessories

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
- 3M™ Greptile™ Gripping Material helps provide a more secure grip that can be held with less effort
- 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" collet



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)
051141-28341-8	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"
051141-28328-9	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"
051141-20231-0	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"
051141-28329-6	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"
051141-20232-7	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"

Accessories

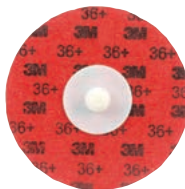
Product	UPC	For use with:	Size/description	Hardness	Max. speed (RPM)	Qty./ case
3M™ Roloc™ TR Disc Pads						
	051144-45095-4		2" Diameter; 1/4–20 INT	Medium	25,000	5
	051144-45096-1		2" Diameter; 1/4–20 INT	Hard	25,000	5
	051144-45097-8		2" Diameter; 1/4–20 INT	Extra Hard	25,000	5
	051144-45092-3		3" Diameter; 1/4–20 INT	Medium	18,000	5
	051144-45091-6		3" Diameter; 1/4–20 INT	Hard	20,000	5
	051144-45093-0		3" Diameter; 1/4–20 INT	Extra Hard	20,000	5
3M™ Roloc™ TSM Disc Pads						
	051144-14211-8		2" Diameter; 1/4–20 INT	Medium	25,000	5
	051144-14212-5		2" Diameter; 1/4–20 INT	Hard	25,000	5
	051144-14215-6		3" Diameter; 1/4–20 INT	Medium	18,000	5
	051144-14216-3		3" Diameter; 1/4–20 INT	Hard	18,000	5
	51144-77737-2		3" Diameter; 1/4–20 INT	Extra Hard	20,000	5

Program 2: Roloc™ Discs – Qualifying Products

3M™ Roloc™ Discs

3M™ Cubitron™ II Roloc™ 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
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Roloc™ TR (plastic button) 

051141-27701-1	2"	36+	White	25,000	50/200
051141-27709-7	2"	60+	White	25,000	50/200
051141-27717-2	2"	80+	White	25,000	50/200
051141-27702-8	3"	36+	White	20,000	50/200
051141-27710-3	3"	60+	White	20,000	50/200
051141-27718-9	3"	80+	White	20,000	50/200

Roloc™ TSM (metal button) 

051141-27705-9	2"	36+	Metal	25,000	50/200
051141-27713-4	2"	60+	Metal	25,000	50/200
051141-27721-9	2"	80+	Metal	25,000	50/200
051141-27706-6	3"	36+	Metal	20,000	50/200
051141-27714-1	3"	60+	Metal	20,000	50/200
051141-27722-6	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ 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
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Roloc™ TR (plastic button) 

051141-54240-9	2"	40+	White	25,000	50/200
051141-54248-5	2"	60+	White	25,000	50/200
051141-54256-0	2"	80+	White	25,000	50/200
051141-54264-5	2"	120+	White	25,000	50/200
051141-54241-6	3"	40+	White	20,000	50/200
051141-54249-2	3"	60+	White	20,000	50/200
051141-54257-7	3"	80+	White	20,000	50/200
051141-54265-2	3"	120+	White	20,000	50/200

Roloc™ TSM (metal button) 


051141-54244-7	2"	40+	Metal	25,000	50/200
051141-54252-2	2"	60+	Metal	25,000	50/200
051141-54260-7	2"	80+	Metal	25,000	50/200
051141-54268-3	2"	120+	Metal	25,000	50/200
051141-54245-4	3"	40+	Metal	20,000	50/200
051141-54253-9	3"	60+	Metal	20,000	50/200
051141-54261-4	3"	80+	Metal	20,000	50/200
051141-54269-0	3"	120+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ Disc 982C

- Features 3M Precision-Shaped Ceramic Grain technology and a rigid fibre 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



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

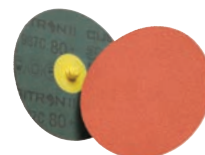
051115-66778-7	2"	36+	Brown	25,000	50/200
051115-66783-1	2"	60+	Orange	25,000	50/200
051115-66788-6	2"	80+	Yellow	25,000	50/200
051115-66779-4	3"	36+	Brown	20,000	50/200
051115-66784-8	3"	60+	Orange	20,000	50/200
051115-66789-3	3"	80+	Yellow	20,000	50/200

Roloc™ TSM (metal button) 

051115-66781-7	2"	36+	Metal	25,000	50/200
051115-66786-2	2"	60+	Metal	25,000	50/200
051115-66791-6	2"	80+	Metal	25,000	50/200
051115-66782-4	3"	36+	Metal	20,000	50/200
051115-66787-9	3"	60+	Metal	20,000	50/200
051115-66792-3	3"	80+	Metal	20,000	50/200

3M™ Cubitron™ II Roloc™ Fibre 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



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

051125-94952-1	2"	36+	Brown	25,000	50/200
051125-94957-6	2"	60+	Orange	25,000	50/200
051125-94962-0	2"	80+	Yellow	25,000	50/200
051125-94953-8	3"	36+	Brown	20,000	50/200
051125-94958-3	3"	60+	Orange	20,000	50/200
051125-94963-7	3"	80+	Yellow	20,000	50/200

Roloc™ TSM (metal button) 

051125-94955-2	2"	36+	Metal	25,000	50/200
051125-94960-6	2"	60+	Metal	25,000	50/200
051125-94965-1	2"	80+	Metal	25,000	50/200
051125-94956-9	3"	36+	Metal	20,000	50/200
051125-94961-3	3"	60+	Metal	20,000	50/200
051125-94966-8	3"	80+	Metal	20,000	50/200


Program 2: Roloc™ Discs – Qualifying Products (cont.)

3M™ Roloc™ Discs

3M™ Roloc™ Fibre 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 fibre discs
- Advanced abrasive technology makes it an excellent choice for tough applications including weld removal, blending and finish refinement
- Ideal choice for carbon steel




UPC	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
076308-89665-2	2"	36+	Brown	25,000	50/200
076308-89670-6	2"	60+	Orange	25,000	50/200
076308-89675-1	2"	80+	Yellow	25,000	50/200
076308-89666-9	3"	36+	Brown	20,000	50/200
076308-89671-3	3"	60+	Orange	20,000	50/200
076308-89676-8	3"	80+	Yellow	20,000	50/200

3M™ Roloc™ Fibre 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

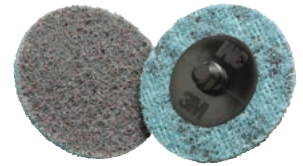




UPC	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
076308-89689-8	2"	36+	Brown	25,000	50/200
076308-89694-2	2"	60+	Orange	25,000	50/200
076308-89699-7	2"	80+	Yellow	25,000	50/200
076308-89704-8	2"	120+	White	25,000	50/200
076308-89690-4	3"	36+	Brown	20,000	50/200
076308-89695-9	3"	60+	Orange	20,000	50/200
076308-89700-0	3"	80+	Yellow	20,000	50/200
076308-89705-5	3"	120+	White	20,000	50/200

Scotch-Brite™ Roloc™ Discs

Scotch-Brite™ Roloc™ Anti-Loading Surface Conditioning Disc (AL-DR)

- Load resistant and longer lasting
- Great for aluminum and other soft metal finishes
- Non-woven nylon fibers break down gradually to expose fresh mineral, resulting in consistent cutting action
- Aluminum oxide mineral cuts sharp but finishes fine



UPC	Size Dia. (Inches) × ctr. hole	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button) 					
051141-54137-2	2" × NH	A CRS	Brown	25,000	50/200
051141-54136-5	2" × NH	A MED	Maroon	25,000	50/200
051141-54135-8	2" × NH	A VFN	Blue	25,000	50/200
051141-54140-2	3" × NH	A CRS	Brown	18,000	25/100
051141-54139-6	3" × NH	A MED	Maroon	18,000	25/100
051141-54138-9	3" × NH	A VFN	Blue	18,000	25/100
Roloc™ TSM (metal button) 					
051141-54143-3	2" × NH	A CRS	Metal	25,000	50/200
051141-54142-6	2" × NH	A MED	Metal	30,000	50/200
051141-54146-4	2" × NH	A VFN	Metal	25,000	50/200
051141-54145-7	3" × NH	A CRS	Metal	18,000	25/100
051141-54144-0	3" × NH	A MED	Metal	18,000	25/100
051141-54150-1	3" × NH	A VFN	Metal	18,000	25/100

Program 2: Roloc™ Discs – Qualifying Products (cont.)

Scotch-Brite™ Roloc™ Discs

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

- 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

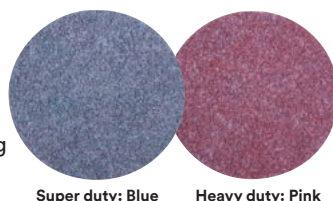


UPC	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
048011-05528-2	2"	A CRS	Brown	25,000	50/200
048011-05527-5	2"	A MED	Maroon	25,000	50/200
048011-05523-7	2"	A VFN	Blue	25,000	50/200
048011-05522-0	2"	S SFN	Gray	25,000	50/200
048011-05532-9	3"	A CRS	Brown	18,000	25/100
048011-05531-2	3"	A MED	Maroon	18,000	25/100
048011-05530-5	3"	A VFN	Blue	18,000	25/100
048011-05529-9	3"	S SFN	Gray	18,000	25/100

Roloc™ TSM (metal button)					
048011-25765-5	2"	A CRS	Metal	25,000	50/200
048011-25764-8	2"	A MED	Metal	25,000	50/200
048011-25770-9	2"	A VFN	Metal	25,000	50/200
048011-25767-9	3"	A CRS	Metal	18,000	25/100
048011-25766-2	3"	A MED	Metal	18,000	25/100
048011-25780-8	3"	A VFN	Metal	18,000	25/100

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

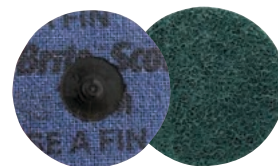
- 3M ceramic aluminum oxide blend abrasive grain
- Resists edge wear
- Great for light grinding, deburring and blending on all metals



UPC	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
048011-60355-1	2"	A CRS SD	Blue	25,000	50/200
048011-60354-4	2"	A CRS HD	Pink	25,000	50/200
048011-60357-5	3"	A CRS SD	Blue	18,000	25/100
048011-60356-8	3"	A CRS HD	Pink	18,000	25/100
Roloc™ TSM (metal button)					
048011-60375-9	2"	A CRS SD	Blue	25,000	50/200
048011-60374-2	2"	A CRS HD	Pink	25,000	50/200
048011-60377-3	3"	A CRS SD	Blue	18,000	25/100
048011-60376-6	3"	A CRS HD	Pink	18,000	25/100

Scotch-Brite™ Roloc™ Surface Conditioning Disc (SE-DR)

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



UPC	Diameter (Inches)	Grade	Disc color	Max. speed (RPM)	Min./case
Roloc™ TR (plastic button)					
048011-18081-6	2"	A CRS	Brown	25,000	50/200
048011-18471-5	2"	A MED	Maroon	25,000	50/200
048011-30005-4	2"	A FIN	Green	25,000	50/200
048011-18082-3	3"	A CRS	Brown	18,000	25/100
048011-18472-2	3"	A MED	Maroon	18,000	25/100
048011-93453-2	3"	A FIN	Green	18,000	25/100

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

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



UPC	Size (dia. x thk. x ctr. hole)	Grade	Max. speed (RPM)	Qty./case
Roloc™ TR (plastic button)				
076308-77115-7	2" x 1/4" x NH	4C MED+	22,100	60
048011-65081-4	2" x 1/8" x NH	6C MED+	22,100	120
048011-65082-1	2" x 1/4" x NH	6C MED+	22,100	60
076308-77116-4	3" x 1/4" x NH	4C MED+	15,100	40
048011-65084-5	3" x 1/8" x NH	6C MED+	15,100	40
048011-65083-8	3" x 1/4" x NH	6C MED+	15,100	40
076308-77198-0	2" x 1/4" x NH	8C CRS+	22,100	60
076308-77197-3	3" x 1/8" x NH	8C CRS+	15,100	40
076308-77199-7	3" x 1/4" x NH	8C CRS+	15,100	40

Program 3: 3M™ File Belts

Over the next 12 months, for every \$3,000 in purchases of qualifying 3M abrasive belts, get a 3M™ File Belt Sander or 2 Attachment Arms of your choice – **FREE!**

Program 3: 3M™ File Belts – Reward Selections Free Tools and Accessories

3M™ File Belt Sander

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



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)
051141-28366-1	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)

Accessories

- Provides access to hard-to-reach areas
- High quality construction
- Simple attachment to make changing arms fast and easy



3M™ File Belt Sander Attachment Arms

	UPC	Part number	Use with belt size	Description	Qty/case
	051141-28368-5	28368	1/2" x 18"	Standard Style: Standard arm included with 3M™ File Belt Sander (PN28366); sand with contact wheel or platen	1
	051141-28369-2	28369	1/2" x 18"	Thin Style: Thinner than standard arm; sand with contact wheel or platen	1
	051141-28370-8	28370	1/8" x 18" 1/4" x 18" 1/2" x 18"	Corners Style: Sand corners and grooves with contact wheel; accommodates three belt widths	1
	051141-28371-5	28371	5/8" x 18" 3/4" x 18"	Thick Standard Style: Thicker than standard arm; sand with contact wheel or platen; accommodates two belt widths	1
	051141-28372-2	28372	1/8" x 18" 1/4" x 18"	Corners Style: Sand corners and grooves with contact wheel; accommodates two belt widths	1
	051141-28374-6	28374	1/2" x 18"	Curved Arm: Unique curved arm used for blending flat areas; sand with contact wheel or platen	1
	051141-28375-3	28375	1/4" x 24" 1/2" x 24"	Vessel Arm: Unique large arm used for blending weld seams; sand with 4" contact wheel; includes tracking/control knob; accommodates two belt widths	1
	051141-28376-0	28376	1/2" x 24"	Sander Extension: Use to extend arms to 24" length; can be used with same attachment arm used for 18" length arms	1

Program 3: 3M™ File Belts – Qualifying Products

3M™ Cubitron™ II Cloth Belts

947A

- Made with revolutionary 3M Precision-Shaped Grain technology
- Flexible X wt poly-cotton backing
- Optimized for low-medium pressure applications on stainless, mild steel and aluminum



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

981F

- Designed specifically for grinding on soft metal substrates like aluminum, brass and bronze
- 3M Precision-Shaped Grain cuts exceptionally fast for grinding and finishing on soft metals
- Strong mineral adhesion for reduced shelling when grinding on the edge of the belt



UPC	Size	Grade	Qty/case
638060-05476-5	1/2" x 18"	36+	200
638060-05477-2	1/2" x 18"	40+	200
638060-05478-9	1/2" x 18"	60+	200
638060-05479-6	1/2" x 24"	36+	200
638060-05480-2	1/2" x 24"	40+	200
638060-05481-9	1/2" x 24"	60+	200
638060-05482-6	3/4" x 18"	36+	200
638060-05483-3	3/4" x 18"	40+	200
638060-05484-0	3/4" x 18"	60+	200

984F

- Made with revolutionary 3M Precision-Shaped Grain technology
- YF wt backing
- Average up to 30% faster cutting on hard-to-grind metals than the next-best competitive belt
- Lasts up to 4 times as long as conventional ceramic aluminum oxide belts



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

784F

- Excellent in medium/high pressure applications on a variety of different metals
- Strong value for medium pressure grinding and dimensioning
- Polyester waterproof backing



UPC	Size	Grade	Qty/case
051125-87317-8	1/2" x 18"	36+	200
076308-45559-0		60+	
076308-47068-5	3/4" x 18"	36+	200
076308-45555-2		60+	
076308-45562-0		80+	
076308-45556-9	1/2" x 24"	60+	200
076308-45565-1		80+	

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

3M™ Cloth Belt 384F

- Workhorse for general purpose metalworking applications
- Consistent performance on all metals at a great value
- Waterproof X wt polyester backing
- Available in grades 36+ to 240+; P320-400



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

Available in grades 36+ to 400+

*3M ID — Custom size made to order

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
048011-64475-2	1/2" × 18"	A CRS	Brown	20
048011-64458-5	1/2" × 18"	A MED	Maroon	20
048011-64467-7	1/2" × 18"	A FIN	Green	20
048011-64476-9	1/2" × 24"	A CRS	Brown	20
048011-64459-2	1/2" × 24"	A MED	Maroon	20
048011-64468-4	1/2" × 24"	A FIN	Green	20
048011-64477-6	3/4" × 18"	A CRS	Brown	20
048011-64460-8	3/4" × 18"	A MED	Maroon	20
048011-64469-1	3/4" × 18"	A FIN	Green	20

Program 4: Right Angle Solutions

This program features three different options with corresponding rewards, all of which can help you take advantage of the power of 3M™ Right Angle Abrasive Solutions.

Program 4 Options

1.5 HP Tools	Over the next 12 months, for every \$10,000 in purchases of qualifying 3M™ Right Angle Abrasives, you get a 1.5 HP 3M™ Grinder or 3M™ Cut-Off Wheel Tool of your choice – FREE .
1 HP Tools	Over the next 12 months, for every \$6,000 in purchases of qualifying 3M™ Right Angle Abrasives, you get a 1 HP 3M™ Grinder or 3M™ Cut-Off Wheel Tool of your choice – FREE .
3M™ Fibre Discs	Over the next 12 months, for every \$4,000 in purchases of qualifying 3M™ Fibre Discs, you get a set of 3M™ Fibre Disc Accessories – FREE . Choose among 3 combinations of faceplate, disc pad hub and retainer nut: <ol style="list-style-type: none"> 1. One case of Faceplates (10 ea), one case of Disc Pad Hubs (10 ea), 5 Retainer Nuts 2. Two cases of Faceplates (20 ea), one case of Disc Pad Hubs (10 ea) 3. Three cases of any one accessory, Faceplates or Disc Pad Hubs (30 ea)

Program 4: Right Angle Solutions – Free Tools and Accessories

3M™ Cut-Off Wheel Tools

- Easily cuts 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 repositionable guard



1 HP Tool Program Options

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
051141-20233-4	20233	3" (76)	1 (744)	25,000	37 (1,048)	91 (102)	2.6 (1.2)	8" (197)	3" (76)	3/8" NPT
051141-28771-3	28771	4" (100)	1 (744)	19,000	37 (1,048)	90 (102)	2.7 (1.2)	8" (197)	3" (83)	3/8" NPT

1.5 HP Tool Program Option

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
051141-28826-0	28826	4-1/2–5" (115–125)	1.5 (1,120)	12,000	40 (1,133)	84 (92)	5.5 (2.5)	11" (279)	4" (111)	1/2" NPT

Program 4: Right Angle Solutions – Free Tools and Accessories (cont.)

3M™ Grinders — Type 27

- Heavy duty gear heads for added durability under high force applications
- 3M™ Gripping Material for reduced vibration and a secure grip with less effort
- Repositionable steel guards for better visibility



28403/28405



28824

1 HP Tool Program Options

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
051141-28403-3	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
051141-28405-7	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

1.5 HP Tool Program Options

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
051141-28824-6	28824	4-1/2–5" (114.3–127)	1.5 (1,120)	12,000	40 (1,133)	5.3 (2.4)	11" (279)	4" (105)	1/2" NPT	5/8–11" EXT

Accessories

3M™ Fibre Disc Program Options

	Product name	UPC	Description	Max. RPM	For use with	Min/case
	3M™ Disc Pad Hub	051144-88743-9	2 1/2" dia., 5/8-11" Metal Insert	N/A	3M™ Disc Pad Face Plates (all sizes, tool shaft length 6" or less)	10
		051144-45190-6	4 1/2" dia., 5/8-11" Metal Insert	N/A		10
		051141-28626-6	2 1/2" dia., 5/8-11" Metal Insert	N/A		10
		051141-28476-7	2 1/2" dia., 5/8-11" Metal Insert	N/A		10
	3M™ Disc Pad Face Plates	051141-28443-9	4 1/2" dia., Red, Ribbed, Extra Hard	13,300	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
		051141-14270-5	4 1/2" dia., Black, Smooth, Hard	13,300		10
		051144-81732-0	5" dia., Red, Ribbed, Extra Hard	12,000		10
		051144-81733-7	5" dia., Black, Ribbed, Hard	12,000		10
		051144-80514-3	7" dia., Red, Ribbed, Extra Hard	8,600		10
		051144-80515-0	7" dia., Black, Ribbed, Hard	8,600		10
		051144-81728-3	9" dia., Red, Ribbed, Extra Hard	6,600		10
		051144-81729-0	9" dia., Black, Ribbed, Hard	6,600		10
	3M™ Disc Retainer Nuts	051144-05622-4	3/8" Depth; 3/8-11" Thread	N/A	3M™ Disc Pad Face Plates and Disc Pad Hubs	N/A

Program 4: Right Angle Solutions – Qualifying Products

3M™ Cubitron™ II 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)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
05115-78469-9	4" × 1/4" × 3/8"	15,300	10/20	✓		
05115-78466-8	4 1/2" × 1/4" × 7/8"	13,300	10/20	✓	✓	
05115-78467-5	5" × 1/4" × 7/8"	12,250	10/20	✓	✓	
T27 Quick Change				1 HP Tool	1.5 HP Tool	Fibre discs
076308-64320-1	4 1/2" × 1/4" × 5/8-11"	13,300	10/20	✓	✓	
076308-64317-1	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)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
051125-87455-7	4" × 1/4" × 3/8"	15,300	10/20	✓		
051125-87453-3	4 1/2" × 1/4" × 7/8"	13,300	10/20	✓	✓	
051125-87454-0	5" × 1/4" × 7/8"	12,250	10/20	✓	✓	
T27 Quick Change				1 HP Tool	1.5 HP Tool	Fibre discs
051125-87397-0	4 1/2" × 1/4" × 5/8-11"	13,300	10/20	✓	✓	
051125-87446-5	5" × 1/4" × 5/8-11"	12,250	10/20	✓	✓	

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Fibre Discs 982C for carbon steel

- Engineered to cut faster, cooler and with less grinding pressure than conventional abrasives
- Ideal for carbon steel applications

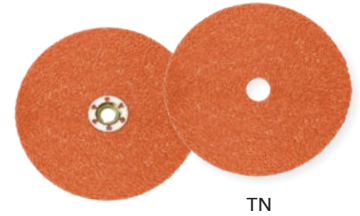


UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
051141-27400-3	4 1/2" × 7/8"	36+	13,300	25/100	✓	✓	✓
051141-27631-1		60+	13,300	25/100	✓	✓	✓
051141-27635-9		80+	13,300	25/100	✓	✓	✓
051141-27425-6	4 1/2" × TN**	36+	13,300	25/100	✓	✓	✓
051141-27639-7		60+	13,300	25/100	✓	✓	✓
051141-27642-7		80+	13,300	25/100	✓	✓	✓
051141-27401-0	5" × 7/8"	36+	12,000	25/100	✓	✓	✓
051141-27632-8		60+	12,000	25/100	✓	✓	✓
051141-27636-6		80+	12,000	25/100	✓	✓	✓
051141-27404-1	5" × TN**	36+	12,000	25/100	✓	✓	✓
051141-27640-3		60+	12,000	25/100	✓	✓	✓
051141-27643-4		80+	12,000	25/100	✓	✓	✓
051141-27402-7	7" × 7/8"	36+	8,600	25/100			✓
051141-27633-5		60+	8,600	25/100			✓
051141-27637-3		80+	8,600	25/100			✓
051141-27405-8	7" × TN**	36+	8,600	25/100			✓
051141-27641-0		60+	8,600	25/100			✓
051141-27644-1		80+	8,600	25/100			✓
051141-27403-4	9 1/8" × 7/8"	36+	6,600	25/100			✓
051141-27634-2		60+	6,600	25/100			✓
051141-27638-0		80+	6,600	25/100			✓

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Fibre 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.



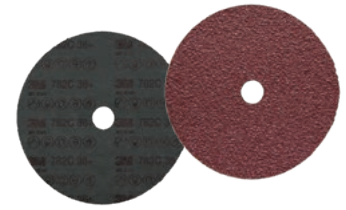
UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
051141-27447-8	4 1/2" x 7/8"	36+	13,300	25/100	✓	✓	✓
051141-27653-3		60+	13,300	25/100	✓	✓	✓
051141-27657-1		80+	13,300	25/100	✓	✓	✓
051141-27469-0	4 1/2" x TN**	36+	13,300	25/100	✓	✓	✓
051141-27661-8		60+	13,300	25/100	✓	✓	✓
051141-27664-9		80+	13,300	25/100	✓	✓	✓
051141-27448-5	5" x 7/8"	36+	12,000	25/100	✓	✓	✓
051141-27654-0		60+	12,000	25/100	✓	✓	✓
051141-27658-8		80+	12,000	25/100	✓	✓	✓
051141-27467-6	5" x TN**	36+	12,000	25/100	✓	✓	✓
051141-27662-5		60+	12,000	25/100	✓	✓	✓
051141-27665-6		80+	12,000	25/100	✓	✓	✓
051141-27449-2	7" x 7/8"	36+	8,600	25/100			✓
051141-27655-7		60+	8,600	25/100			✓
051141-27659-5		80+	8,600	25/100			✓
051141-27468-3	7" x TN**	36+	8,600	25/100			✓
051141-27663-2		60+	8,600	25/100			✓
051141-27666-3		80+	8,600	25/100			✓
051141-27450-8	9 1/8" x 7/8"	36+	6,600	25/100			✓
051141-27656-4		60+	6,600	25/100			✓
051141-27660-1		80+	6,600	25/100			✓

*Other sizes available upon request. **Quick Change Tinneman Nut Attachment

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Fibre Disc 782C for carbon steel

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



Pkg: 25 per inner, 100 per case

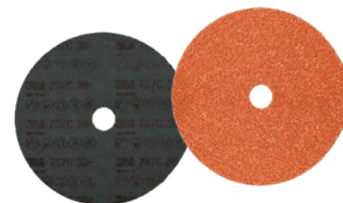
UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
76308-89589-1	4 1/2" × 7/8"	36+	13,300	25/100	✓	✓	✓
76308-89598-3		60+	13,300	25/100	✓	✓	✓
76308-89607-2		80+	13,300	25/100	✓	✓	✓
76308-89590-7	5" × 7/8"	36+	12,000	25/100	✓	✓	✓
76308-89599-0		60+	12,000	25/100	✓	✓	✓
76308-89608-9		80+	12,000	25/100	✓	✓	✓
76308-89591-4	7" × 7/8"	36+	8,600	25/100			✓
76308-89600-3		60+	8,600	25/100			✓
76308-89609-6		80+	8,600	25/100			✓
76308-89592-1	9 1/8" × 7/8"	36+	6,600	25/100			✓
76308-89601-0		60+	6,600	25/100			✓
76308-89610-2		80+	6,600	25/100			✓
TN Quick Change					1 HP Tool	1.5 HP Tool	Fibre discs
76308-89595-2	4 1/2" × 5/8-11"	36+	13,300	25/100	✓	✓	✓
76308-89604-1		60+	13,300	25/100	✓	✓	✓
76308-89613-3		80+	13,300	25/100	✓	✓	✓
76308-89596-9	5" × 5/8-11"	36+	12,000	25/100	✓	✓	✓
76308-89605-8		60+	12,000	25/100	✓	✓	✓
76308-89614-0		80+	12,000	25/100	✓	✓	✓
76308-89597-6	7" × 5/8-11"	36+	8,600	25/100			✓
76308-89606-5		60+	8,600	25/100			✓
76308-89615-7		80+	8,600	25/100			✓
76308-89592-1	9 1/8" × 7/8"	36+	6,600	25/100			✓
76308-89601-0		60+	6,600	25/100			✓
76308-89610-2		80+	6,600	25/100			✓

*Other sizes available upon request. **Quick Change Tinneman Nut Attachment

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Fibre 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



Pkg: 25 per inner, 100 per case

UPC	Diameter* (Inches)	Grade	Max. RPM	Min/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
76308-89627-0	4 1/2" × 7/8"	36+	13,300	25/100	✓	✓	✓
76308-89636-2		60+	13,300	25/100	✓	✓	✓
76308-89645-4		80+	13,300	25/100	✓	✓	✓
76308-89654-6		120+	13,300	25/100	✓	✓	✓
76308-89628-7	5" × 7/8"	36+	12,000	25/100	✓	✓	✓
76308-89637-9		60+	12,000	25/100	✓	✓	✓
76308-89646-1		80+	12,000	25/100	✓	✓	✓
76308-89655-3		120+	12,000	25/100	✓	✓	✓
76308-89629-4	7" × 7/8"	36+	8,600	25/100			✓
76308-89638-6		60+	8,600	25/100			✓
76308-89647-8		80+	8,600	25/100			✓
76308-89656-0		120+	8,600	25/100			✓
76308-89630-0	9 1/8" × 7/8"	36+	6,600	25/100			✓
76308-89639-3		60+	6,600	25/100			✓
76308-89648-5		80+	6,600	25/100			✓
76308-89657-7		120+	6,600	25/100			✓
TN Quick Change					1 HP Tool	1.5 HP Tool	Fibre discs
76308-89633-1	4 1/2" × 5/8-11""	36+	13,000	25/100	✓	✓	✓
76308-89642-3		60+	13,000	25/100	✓	✓	✓
76308-89651-5		80+	13,000	25/100	✓	✓	✓
76308-89658-4		120+	13,000	25/100	✓	✓	✓
76308-89634-8	5" × 5/8-11""	36+	12,000	25/100	✓	✓	✓
76308-89643-0		60+	12,000	25/100	✓	✓	✓
76308-89652-2		80+	12,000	25/100	✓	✓	✓
76308-89659-1		120+	12,000	25/100	✓	✓	✓
76308-89635-5	7" × 5/8-11""	36+	8,600	25/100			✓
76308-89644-7		60+	8,600	25/100			✓
76308-89653-9		80+	8,600	25/100			✓
76308-89660-7		120+	8,600	25/100			✓
76308-89630-0	9 1/8" × 7/8"	36+	6,600	25/100			✓
76308-89639-0		60+	6,600	25/100			✓
76308-89648-5		80+	6,600	25/100			✓
76308-89657-7		120+	6,600	25/100			✓

*Other sizes available upon request. **Quick Change Tinneman Nut Attachment

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II 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 × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
051141-55602-4	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
051141-55603-1	60+				✓	✓	
051141-55604-8	80+				✓	✓	
051141-55632-1	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
051141-55633-8	60+				✓	✓	
051141-55634-5	80+				✓	✓	
051141-55605-5	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
051141-55606-2	60+				✓	✓	
051141-55607-9	80+				✓	✓	
051141-55635-2	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
051141-55636-9	60+				✓	✓	
051141-55637-6	80+				✓	✓	
051141-86715-3	40+	5" × 7/8"	12,000	10	✓	✓	
051125-86718-4	60+				✓	✓	
051125-86719-1	80+				✓	✓	
051141-54179-2	40+	5" × 5/8-11"	12,000	10	✓	✓	
051141-54182-2	60+				✓	✓	
051141-54183-9	80+				✓	✓	



UPC	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
051141-55614-7	40+	4" × 3/8-24"	15,000	10	✓		
051141-55615-4	60+				✓		
051141-55616-1	80+				✓		
051141-55620-8	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
051141-55621-5	60+				✓	✓	
051141-55622-2	80+				✓	✓	
051141-55644-4	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
051141-55645-1	60+				✓	✓	
051141-55646-8	80+				✓	✓	
051141-55623-9	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
051141-55624-6	60+				✓	✓	
051141-55625-3	80+				✓	✓	
051141-55647-5	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
051141-55648-2	60+				✓	✓	
051141-55649-9	80+				✓	✓	
051125-86716-0	40+	5" × 7/8"	12,000	10	✓	✓	
051125-86717-7	60+				✓	✓	
051125-86720-7	80+				✓	✓	
051141-54180-8	40+	5" × 5/8-11"	12,000	10	✓	✓	
051141-54181-5	60+				✓	✓	
051141-54184-6	80+				✓	✓	

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II 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 × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
076308-64373-7	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
076308-64374-4	60+				✓	✓	
076308-64375-1	80+				✓	✓	
076308-64403-1	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
076308-64404-8	60+				✓	✓	
076308-64405-5	80+				✓	✓	
076308-64376-8	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
076308-64377-5	60+				✓	✓	
076308-64378-2	80+				✓	✓	
076308-64406-2	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
076308-64407-9	60+				✓	✓	
076308-64408-6	80+				✓	✓	
076308-89844-1	40+	5" × 7/8"	12,000	10	✓	✓	
076308-89847-2	60+				✓	✓	
076308-89848-9	80+				✓	✓	
076308-64367-6	40+	5" × 5/8-11"	12,000	10	✓	✓	
076308-64370-6	60+				✓	✓	
076308-64371-3	80+				✓	✓	



UPC	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
076308-64385-0	40+	4" × 3/8-24"	15,000	10	✓		
076308-64386-7	60+				✓		
076308-64387-4	80+				✓		
076308-64391-1	40+	4 1/2" × 5/8-11"	13,300	10	✓	✓	
076308-64392-8	60+				✓	✓	
076308-64393-5	80+				✓	✓	
076308-64415-4	40+	4 1/2" × 5/8-11" GIANT	13,300	10	✓	✓	
076308-64416-1	60+				✓	✓	
076308-64417-8	80+				✓	✓	
076308-64394-2	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
076308-64395-9	60+				✓	✓	
076308-64396-6	80+				✓	✓	
076308-64418-5	40+	4 1/2" × 7/8" GIANT	13,300	10	✓	✓	
076308-64419-2	60+				✓	✓	
076308-64420-8	80+				✓	✓	
076308-89845-8	40+	5" × 7/8"	12,000	10	✓	✓	
076308-89846-5	60+				✓	✓	
076308-89849-6	80+				✓	✓	
076308-64368-3	40+	5" × 5/8-11"	12,000	10	✓	✓	
076308-64369-0	60+				✓	✓	
076308-64372-0	80+				✓	✓	

Program 4: 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



TYPE 27

UPC	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
0-06-38060-05903-6	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
0-06-38060-05904-3	60+				✓	✓	
0-06-38060-05905-0	80+				✓	✓	
0-06-38060-05924-1	120+				✓	✓	
0-06-38060-05915-9	40+	5" × 7/8"	12,000	10	✓	✓	
0-06-38060-05918-0	60+				✓	✓	
0-06-38060-05919-7	80+				✓	✓	
0-06-38060-05928-9	120+				✓	✓	



TYPE 29

UPC	Grade	Diameter × center hole (Inches)	Max. RPM (MOS)	Qty/case	Program option		
					1 HP Tool	1.5 HP Tool	Fibre discs
0-06-38060-05906-7	40+	4 1/2" × 7/8"	13,300	10	✓	✓	
0-06-38060-05907-4	60+				✓	✓	
0-06-38060-05908-1	80+				✓	✓	
0-06-38060-05925-8	120+				✓	✓	
0-06-38060-05916-6	40+	5" × 7/8"	12,000	10	✓	✓	
0-06-38060-05917-3	60+				✓	✓	
0-06-38060-05920-3	80+				✓	✓	
0-06-38060-05929-6	120+				✓	✓	

Program 4: Right Angle Solutions – Qualifying Products (cont.)

3M™ Cubitron™ II Cut & Grind Wheels – T27

- 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 × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
4046719-82276-8	4" × 1/8" × 3/8"	15,300	10/20	✓		
4046719-82278-2	5" × 1/8" × 7/8"	12,250	10/20	✓	✓	
4046719-82279-9	4 1/2" × 1/8" × 7/8"	13,300	10/20	✓	✓	
T27 Quick Change						
051141-28762-1	4 1/2" × 1/8" × 5/8-11"	13,300	10/20	✓	✓	
051141-28763-8	5" × 1/8" × 5/8-11"	12,250	10/20	✓	✓	

3M™ Cubitron™ II 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™ II Cut-Off Wheel – T1

UPC	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
051115-66514-1	3" × .035" × 3/8"	25,465	25/50	✓		
051115-66516-5	3" × .06" × 3/8"	25,465	25/50	✓		
051115-66518-9	4" × .035" × 3/8"	19,100	25/50	✓		
051115-66520-2	4" × .06" × 3/8"	19,100	25/50	✓		
051115-66524-0	4" × .125" × 3/8"	19,100	25/50	✓		
051125-86929-4	4 1/2" × .040" × 7/8"	13,300	25/50		✓	

3M™ Cubitron™ II Cut-Off Wheel – T27

UPC	Diameter × thickness × arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
051125-86946-1	4 1/2" × .040" × 7/8"	13,300	25/50		✓	
051115-66531-8	4 1/2" × .045" × 7/8"	13,300	25/50		✓	
051115-66535-6	4 1/2" × .125" × 7/8"	13,300	25/50		✓	
051115-66537-0	5" × .045" × 7/8"	12,250	25/50		✓	
051115-66539-4	5" × .09" × 7/8"	12,250	25/50		✓	
T27 Quick Change						
051115-66530-1	4 1/2" × .045" × 5/8-11"	13,300	25/50		✓	
051115-66532-5	4 1/2" × .09" × 5/8-11"	13,300	25/50		✓	
051115-66534-9	4 1/2" × .125" × 5/8-11"	13,300	25/50		✓	

Program 4: 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

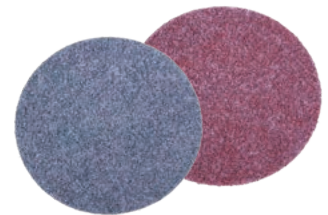
UPC	Diameter×thickness×arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
051125-87458-8	3" × .035" × 3/8"	25,465	25/50	✓		
051125-87459-5	3" × .060" × 3/8"	25,465	25/50	✓		
051125-87461-8	4" × .035" × 3/8"	19,100	25/50	✓		
051125-87462-5	4" × .060" × 3/8"	19,100	25/50	✓		
051125-87657-5	4" × .125" × 3/8"	19,100	25/50	✓		
051125-87464-9	4.5" × .040" × 7/8"	13,300	25/50		✓	
051125-87465-6	4.5" × .045" × 7/8"	13,300	25/50		✓	
051125-87467-0	5" × .045" × 7/8"	12,250	25/50		✓	

3M™ Silver Cut-Off Wheels – Type 27

UPC	Diameter×thickness×arbor hole (Inches)	Max. RPM	Quantity (Inner/case)	Program option		
				1 HP Tool	1.5 HP Tool	Fibre discs
051125-87466-3	4 1/2" × .045" × 7/8"	13,300	25/50		✓	
051125-87659-9	4 1/2" × .093" × 7/8"	13,300	25/50		✓	
051125-87468-7	5" × .045" × 7/8"	12,250	10/20		✓	

Scotch-Brite™ Light Grinding and Blending Discs

- 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



Scotch-Brite™ Light Grinding & Blending Disc – TN Quick Change

UPC	Diameter×center hole (Inches)	Grade	Max. RPM	Qty/case	Program Option		
					1 HP Tool	1.5 HP Tool	Fibre discs
048011-60349-0	4 1/2" × 5/8-11"	A CRS SD	13,000	50	✓	✓	
048011-60348-3		A CRS HD	13,000	50	✓	✓	
048011-60351-3	5" × 5/8-11"	A CRS SD	12,000	50	✓	✓	
048011-60350-6		A CRS HD	12,000	50	✓	✓	

*Quick Change Tinneman Nut Attachment

Scotch-Brite™ Light Grinding & Blending Disc – Center Hole Disc

UPC	Diameter×center hole (Inches)	Grade	Max. RPM	Qty/case	Program Option		
					1 HP Tool	1.5 HP Tool	Fibre discs
048011-60333-9*	4 1/2" × 7/8"	A CRS SD	10,000	50	✓	✓	
048011-60332-2*		A CRS HD	10,000	50	✓	✓	
048011-60341-4	5" × 7/8"	A CRS SD	10,000	50	✓	✓	
048011-60336-0		A CRS HD	10,000	50	✓	✓	

SD = Super Duty HD = Heavy Duty

Program 4: Right Angle Solutions – Qualifying Products (cont.)

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 × center hole (Inches)	Type	Grade	Max. RPM	Qty/case	Program option		
						1 HP Tool	1.5 HP Tool	Fibre discs
0-06-38060-05574-8	4 1/2" × 5/8-11"	Type 27 Quick Change	S XCS	13,300	10	✓	✓	
0-06-38060-05586-1	4 1/2" × 7/8"	Type 27	S XCS	13,300	10	✓	✓	
0-06-38060-05588-5	4 1/2" × 5/8-11"	TN Quick Change	S XCS	13,300	10	✓	✓	
0-06-38060-29931-9	5" × 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
- Cuts to bare metal quickly
- Ideal for adhesion prep



UPC	Diameter × center hole (Inches)	Type	Grade	Max. RPM	Qty/case	Program option		
						1 HP Tool	1.5 HP Tool	Fibre discs
0-06-38060-21050-5	4 1/2" × 5/8-11"	Type 27 Quick Change	A XCS	13,300	10	✓	✓	
0-06-38060-21032-1	4 1/2" × 7/8"	Type 27	A XCS	13,300	10	✓	✓	
0-06-38060-21037-6	4 1/2" × 5/8-11"	TN Quick Change	A XCS	13,300	10	✓	✓	
0-06-38060-29936-4	5" × 5/8-11"	Type 27 Quick Change	A XCS	12,000	10	✓	✓	

*Quick Change Tinneman Nut Attachment

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