



Science.
Applied to Life.™



The right choice.

3M™ Abrasives for Right-Angle Systems

Cut, grind, finish and more... with a world-class abrasive system that helps you work smarter, finish faster!

Featuring NEW 3M™ Silver Depressed Center Grinding Wheels and Cut-off Wheels



Your power team for metal fabrication and finishing.

Take your shop to the next level of performance and productivity – by teaming up the unmatched grinding speed and long life of 3M™ Cubitron™ II Abrasives with the ease-of-use and versatility of Scotch-Brite™ abrasive products.

CUBITRON™ II

Scotch-Brite™



The ideal choice for:

- Beveling
- Blending
- Cutting
- Deburring
- Grinding
- Weld removal

The ideal choice for:

- Blending
- Cleaning
- Deburring
- Finishing and polishing
- Light grinding
- Paint and rust removal

Complete your lineup.

Genuine 3M™ Power Tools

Professional grade sanders, grinders and cutoff wheel tools, optimized for use with 3M™ Cubitron™ II Abrasives. **Light, rugged and powerful!**



3M Personal Protective Equipment

Lighter weight, more comfortable welding helmet with advanced auto-darkening optics that adjust to your working conditions.

3M™ Speedglas™ Welding Helmet 9002NC
(PN 04-0100-20NC)

Protect your head and face against sparks, chips and debris.

3M™ Ratchet Headgear Head and Face Protection
(PN 82783-00000)

Comfortable eye protection with anti-fog lenses for a clear view of your workpiece.

3M™ SecureFit™ Protective Eyewear (PN SF401AF)

Quick, comfortable hearing protection that stays clean even when your hands are dirty.

3M™ E-A-R™ UltraFit™ Corded Earplugs (PN 340-4004)



For speed, long life and ease of use, nothing comes close to the power of Cubitron II abrasives.

For grinding, weld blending, deburring and other tough metal finishing jobs, 3M™ Cubitron™ II Abrasives outperform other discs in their class – thanks to a breakthrough 3M technology that re-writes the rules for speed, consistency and abrasive life.

The secret lies in the revolutionary precision-shaped ceramic grain technology pioneered by 3M. As the triangular shaped grain wears, it continuously fractures to form sharp points and edges that slice through metal, and provide a fast cut, long life and smooth-running feel.

Choose the right disc for the job.



	Fibre Discs	Cut & Grind Wheels	Flap Discs	Cut-Off Wheels	Depressed Center Grinding Wheels
Cutting		●		●	
Notching		●			
Gouging		●			●
Fillet Weld Removal		●			●
Beveling	●	●	●		●
Flame Cut Smoothing	●	●	●		●
Scale Removal	●	●	●		●
Weld Removal	●	●	●		●
Contoured Areas	●		●		

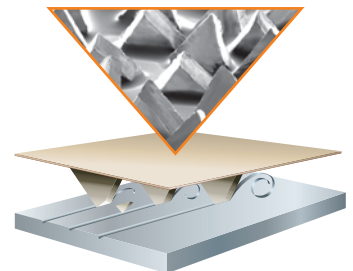
● Recommended application
● Additional application

Optimized for applications including:

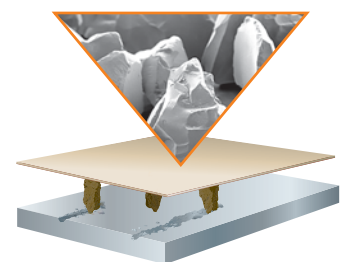
- Beveling
- Blending
- Cutting
- Deburring
- Grinding
- Weld removal

Used in industries such as:

- Agricultural, industrial and construction machinery
- General metal fabrication
- Oil and gas
- Ship building
- Stainless steel fabrication
- Structural steel



3M precision-shaped grain uses 3M microreplication technology to form sharp peaks that easily “slice” through metal — cutting cooler, faster and lasting longer than conventional abrasive grain.



Conventional ceramic abrasive grain tends to “plow” through the metal, causing heat to build up in the workpiece and the abrasive — resulting in a slower cut and shorter disc life.



3M™ Cubitron™ II Depressed Center Grinding Wheels

Go the distance

Cubitron II Depressed Center Grinding Wheels are fast cutting, long lasting and require less pressure. These cool cutting wheels are 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.**



New improved construction offers even greater durability and longer life. Same smooth-running feel.

3M™ Cubitron™ II Depressed Center Grinding Wheel – T27

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 x 1/4 x 3/8	05115-78469-9	15,300	10/20
4 x 1/4 x 3/8	05115-78468-2	15,300	10/20
4 1/2 x 1/4 x 3/8	05115-78466-8	13,300	10/20
5 x 1/4 x 3/8	05115-78467-5	12,250	10/20
6 x 1/4 x 3/8	076308-64314-0	10,200	10/20
7 x 1/4 x 3/8	076308-64315-7	8,500	10/20
9 x 1/4 x 3/8	076308-64316-4	6,650	10/20

3M™ Cubitron™ II Depressed Center Grinding Wheel – T27 Quick Change

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 1/2 x 1/4 x 5/8-11	076308-64320-1	13,300	10/20
5 x 1/4 x 5/8-11	076308-64317-1	12,250	10/20
6 x 1/4 x 5/8-11	076308-64318-8	10,200	10/20
7 x 1/4 x 5/8-11	076308-64319-5	8,500	10/20
9 x 1/4 x 5/8-11	051125-87153-2	6,650	10/20





New! 3M™ Silver Depressed Center Grinding Wheels

**The next-best thing to a 3M™ Cubitron™ II Wheel.
And it still beats the competition, hands-down.**

3M Silver Depressed Center Grinding Wheels (DCGW) represent a new class of long lasting right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain and engineered to offer an outstanding value, when abrasive cost takes precedence over reducing total production time. They are an ideal choice for applications like weld removal, beveling, edge chamfering and more – offering a longer life and faster cut than aluminum oxide, alumina zirconia and conventional ceramic abrasives.

3M™ Silver Depressed Center Grinding Wheel – T27

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 x 1/4 x 3/8	051125-87455-7	15,300	10/20
4 x 1/4 x 3/8	051125-87456-4	15,300	10/20
4 1/2 x 1/4 x 7/8	051125-87453-3	13,300	10/20
5 x 1/4 x 7/8	051125-87454-0	12,250	10/20
6 x 1/4 x 7/8	051125-87450-2	10,200	10/20
7 x 1/4 x 7/8	051125-87451-9	8,500	10/20
9 x 1/4 x 7/8	051125-87452-6	6,650	10/20

3M™ Silver Depressed Center Grinding Wheel – T27 Quick Change

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 1/2 x 1/4 x 5/8-11	051125-87397-0	13,300	10/20
5 x 1/4 x 5/8-11	051125-87446-5	12,250	10/20
6 x 1/4 x 5/8-11	051125-87447-2	10,200	10/20
7 x 1/4 x 5/8-11	051125-87448-9	8,500	10/20
9 x 1/4 x 5/8-11	051125-87449-6	6,650	10/20



Bonded wheel product comparisons

Speed and Durability rated on a scale of 1 to 5, with 5 stars being the best.

Attributes	Aluminum oxide	Alumina zirconia	Silver	3M™ Cubitron™ II
Durability / Life	**	***	*****	*****
Speed of Cut	*	**	***	*****
Feel: Smooth	**	***	****	*****
Contaminant-free* (for stainless/inox)	varies	varies	yes	yes
Mineral	aluminum oxide	alumina zirconia	blend of precision-shaped grain	ceramic precision shaped grain
Abrasive Cost per Job	\$\$\$	\$\$	\$	\$\$
Total Cost of Job (Abrasive, Labor, Processes)	\$\$\$\$	\$\$\$	\$\$	\$

* Contains less than 0.1% Fe, S and Cl

3M™ Fibre Discs 782C and 787C

An unbeatable combination of performance and value

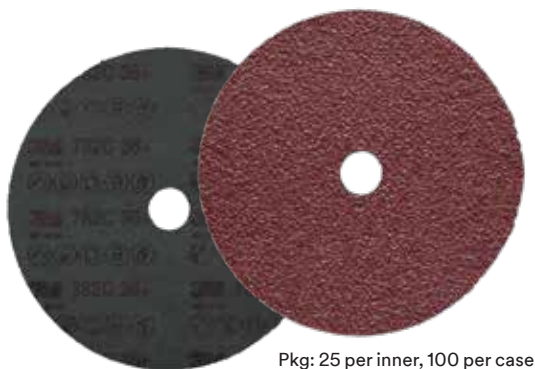
3M Fibre Discs 782C and 787C represent a new class of high-performance right angle abrasives – powered by the legendary speed and long life of 3M Precision-Shaped Grain. They are an ideal choice for applications like weld removal, beveling, edge chamfering and more – offering a faster cut and longer life than alumina zirconia (AZ) and conventional ceramic abrasives. **3M™ Fibre Disc 782C** is an ideal choice for carbon steel. **3M™ Fibre Disc 787C** is optimized for stainless steel and non-ferrous metals like aluminum.

3M™ Fibre Disc 782C for carbon steel

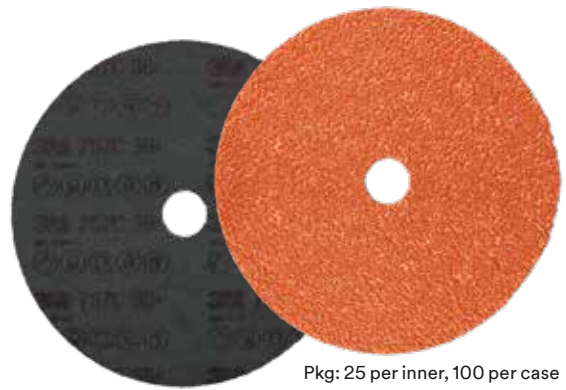
Diameter * (inches)	Grade	UPC (76308-)	Max. RPM
4½ × 7⁄8	36+	89589-1	13,300
	60+	89598-3	13,300
	80+	89607-2	13,300
5 × 7⁄8	36+	89590-7	12,000
	60+	89599-0	12,000
	80+	89608-9	12,000
7 × 7⁄8	36+	89591-4	8,600
	60+	89600-3	8,600
	80+	89609-6	8,600
9½ × 7⁄8	36+	89592-1	6,600
	60+	89601-0	6,600
	80+	89610-2	6,600

TN Quick Change

4½ × 5⁄8-11*	36+	89595-2	13,300
	60+	89604-1	13,300
	80+	89613-3	13,300
5 × 5⁄8-11*	36+	89596-9	12,000
	60+	89605-8	12,000
	80+	89614-0	12,000
	120+	89615-7	8,600
7 × 5⁄8-11*	36+	89597-6	8,600
	60+	89606-5	8,600
	80+	89615-7	8,600



Pkg: 25 per inner, 100 per case



Pkg: 25 per inner, 100 per case

3M™ Fibre Disc 787C for stainless steel non-ferrous metals

Diameter * (inches)	Grade	UPC (76308-)	Max RPM
4½ × 7⁄8	36+	89627-0	13,300
	60+	89636-2	13,300
	80+	89645-4	13,300
	120+	89654-6	13,300
5 × 7⁄8	36+	89628-7	12,000
	60+	89637-9	12,000
	80+	89646-1	12,000
	120+	89655-3	12,000
7 × 7⁄8	36+	89629-4	8,600
	60+	89638-6	8,600
	80+	89647-8	8,600
	120+	89656-0	8,600
9½ × 7⁄8	36+	89630-0	6,600
	60+	89639-3	6,600
	80+	89648-5	6,600
	120+	89657-7	6,600

TN Quick Change

4½ × 5⁄8-11**	36+	89633-1	13,000
	60+	89642-3	13,000
	80+	89651-5	13,000
	120+	89658-4	13,000
5 × 5⁄8-11**	36+	89634-8	12,000
	60+	89643-0	12,000
	80+	89652-2	12,000
	120+	89659-1	12,000
7 × 5⁄8-11**	36+	89635-5	8,600
	60+	89644-7	8,600
	80+	89653-9	8,600
	120+	89660-7	8,600

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

3M™ Cubitron™ II Fibre Discs

Grinding reinvented

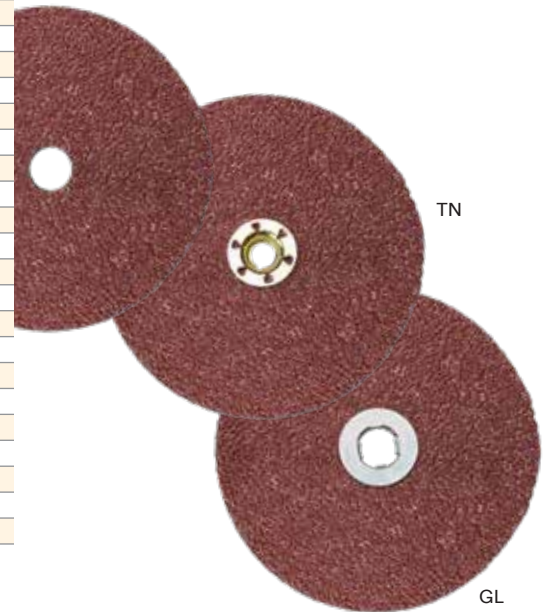
Cubitron II Fibre Discs are engineered to cut faster, cooler and with less grinding pressure than conventional abrasives. And they are long-lasting for increased productivity! Choose Cubitron II fibre discs 987C for cool cutting on stainless steel, high nickel alloys and superalloys. For carbon steel applications, try our Cubitron II Fibre Discs 982C.

► Tech Tip

Use 3M™ Disc Pad Face Plates – Red Ribbed to optimize product life of Cubitron II Fibre Discs – grade 36+.

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

Diameter (inches)	Grade	UPC (051141-)	Max. RPM	Min/Case
4½ × 7⁄8	36+	27400-3	13,300	25/100
	60+	27631-1	13,300	25/100
	80+	27635-9	13,300	25/100
4½ × TN*	36+	27425-6	13,300	25/100
	60+	27639-7	13,300	25/100
	80+	27642-7	13,300	25/100
5 × 7⁄8	36+	27401-0	12,000	25/100
	60+	27632-8	12,000	25/100
	80+	27636-6	12,000	25/100
5 × TN*	36+	27404-1	12,000	25/100
	60+	27640-3	12,000	25/100
	80+	27643-4	12,000	25/100
5 × GL*	36+	27406-5	12,000	25/100
7 × 7⁄8	36+	27402-7	8,600	25/100
	60+	27633-5	8,600	25/100
	80+	27637-3	8,600	25/100
7 × TN*	36+	27405-8	8,600	25/100
	60+	27641-0	8,600	25/100
	80+	27644-1	8,600	25/100
7 × GL*	36+	27407-2	8,600	25/100
9⁄8 × 7⁄8	36+	27403-4	6,600	25/100
	60+	27634-2	6,600	25/100
	80+	27638-0	6,600	25/100



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

Diameter (inches)	Grade	UPC (051141-)	Max. RPM	Min/Case
4½ × 7⁄8	36+	27447-8	13,300	25/100
	60+	27653-3	13,300	25/100
	80+	27657-1	13,300	25/100
4½ × TN*	36+	27469-0	13,300	25/100
	60+	27661-8	13,300	25/100
	80+	27664-9	13,300	25/100
5 × 7⁄8	36+	27448-5	12,000	25/100
	60+	27654-0	12,000	25/100
	80+	27658-8	12,000	25/100
5 × TN*	36+	27467-6	12,000	25/100
	60+	27662-5	12,000	25/100
	80+	27665-6	12,000	25/100
7 × 7⁄8	36+	27449-2	8,600	25/100
	60+	27655-7	8,600	25/100
	80+	27659-5	8,600	25/100
7 × TN*	36+	27468-3	8,600	25/100
	60+	27663-2	8,600	25/100
	80+	27666-3	8,600	25/100
9⁄8 × 7⁄8	36+	27450-8	6,600	25/100
	60+	27656-4	6,600	25/100
	80+	27660-1	6,600	25/100



*Quick Change Attachments.

Other sizes available upon request.

3M™ Cubitron™ II Flap Discs

The one-step alternative to bonded wheels and fibre discs

Cubitron II Flap Discs let you breeze through a wide range of tough jobs around the shop, including grinding, weld removal, deburring and more. These smooth-running wheels are designed to cut with less pressure. They include a grinding aid to help maintain cutting efficiency on heat-sensitive metals. And, because they are made with 3M precision-shaped grain, they keep on cutting – long after other flap discs have called it quits!

3M™ Cubitron™ II Flap Discs 967A

Constructed with a poly-cotton backing that exposes fresh mineral as it wears, for a fast, forgiving cut. Performs well on many common applications, offering a great balance of fast cut and long life.

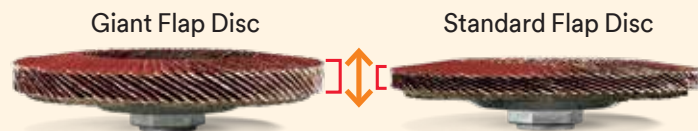


Product Availability

3M™ Cubitron™ II Flap Discs 967A

TYPE 27					TYPE 29				
UPC (051141-) unless otherwise specified	Grade	Dia. x Ctr. Hole (inches)	Max. RPM (MOS)	Qty/Case	UPC (051141-) unless otherwise specified	Grade	Dia. x Ctr. Hole (inches)	Max. RPM (MOS)	Qty/Case
55602-4	40+	4½ × ⅝-11	13,300	10	55614-7	40+	4 × ⅝-24	15,000	10
55603-1	60+				55615-4	60+			
55604-8	80+				55616-1	80+			
55632-1	40+				4 × ⅝	15,000	10	55617-8	40+
55633-8	60+	55618-5	60+						
55634-5	80+	4½ × ⅝-11	13,300	10	55619-2	80+			
55605-5	40+				55620-8	40+			
55606-2	60+	4½ × ⅝	13,300	10	55621-5	60+	4½ × ⅝-11	13,300	10
55607-9	80+				55622-2	80+			
55635-2	40+	4½ × ⅝ GIANT	13,300	10	55644-4	40+	4½ × ⅝-11 GIANT	13,300	10
55636-9	60+				55645-1	60+			
55637-6	80+				55646-8	80+			
86715-3	40+	5 × ⅝	12,000	10	55623-9	40+	4½ × ⅝	13,300	10
051125-86718-4	60+				55624-6	60+			
051125-86719-1	80+				55625-3	80+			
55608-6	40+				7 × ⅝-11	8,600	5	55647-5	40+
55609-3	60+	55648-2	60+						
55610-9	80+	7 × ⅝-11 GIANT	8,600	5	55649-9	80+	4½ × ⅝ GIANT	13,300	10
55638-3	40+				051125-86716-0	40+			
55639-0	60+				051125-86717-7	60+			
55640-6	80+	7 × ⅝	8,600	5	051125-86720-7	80+	5 × ⅝	12,000	10
55611-6	40+				55626-0	40+			
55612-3	60+	7 × ⅝	8,600	5	55627-7	60+	7 × ⅝-11	8,600	5
55613-0	80+				55628-4	80+			
55641-3	40+	7 × ⅝ GIANT	8,600	5	55650-5	40+	7 × ⅝-11 GIANT	8,600	5
55642-0	60+				55651-2	60+			
55643-7	80+				55652-9	80+			
					55629-1	40+			
					55630-7	60+	7 × ⅝	8,600	5
					55631-4	80+			
					55653-6	40+			
					55654-3	60+	7 × ⅝ GIANT	8,600	5
					55655-0	80+			

**More material.
Longer life.**



Need more cutting power? Go GIANT!

Our Giant flap discs are 25% thicker, for an aggressive cut with added durability and longer life.

3M™ Cubitron™ II Flap Discs 969F

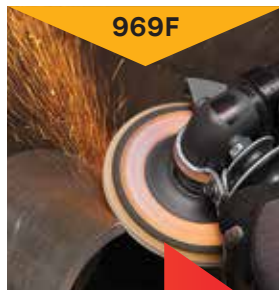
Featuring a tough polyester backing, to hold up under demanding applications like heavy grinding, edge deburring and beveling.



Choose the right disc for the job:



Medium Duty



Heavy Duty

- Weld removal
- Scale removal
- Oxide removal
- Surface prep
- Metal dimensioning
- Blending

- Light cleaning
- Beveling
- Edge deburring
- Aggressive weld removal

Product Availability

3M™ Cubitron™ II Flap Discs 969F

TYPE 27					TYPE 29				
UPC (076308-) unless otherwise specified	Grade	Dia. x Ctr. Hole (inches)	Max. RPM (MOS)	Qty/Case	UPC (076308-) unless otherwise specified	Grade	Dia. x Ctr. Hole (inches)	Max. RPM (MOS)	Qty/Case
64373-7	40+	4½ × ⅝-11	13,300	10	64385-0	40+	4 × ⅝-24	15,000	10
64374-4	60+				64386-7	60+			
64375-1	80+				64387-4	80+			
64403-1	40+	4½ × ⅝-11 GIANT	13,300	10	64388-1	40+	4 × ⅝	15,000	10
64404-8	60+				64389-8	60+			
64405-5	80+				64390-4	80+			
64376-8	40+	4½ × ⅞	13,300	10	64391-1	40+	4½ × ⅝-11	13,300	10
64377-5	60+				64392-8	60+			
64378-2	80+				64393-5	80+			
64406-2	40+	4½ × ⅞ GIANT	13,300	10	64415-4	40+	4½ × ⅝-11 GIANT	13,300	10
64407-9	60+				64416-1	60+			
64408-6	80+				64417-8	80+			
89844-1	40+	5 × ⅞	12,000	10	64394-2	40+	4½ × ⅞	13,300	10
89847-2	60+				64395-9	60+			
89848-9	80+				64396-6	80+			
64379-9	40+	7 × ⅝-11	8,600	5	64418-5	40+	4½ × ⅞ GIANT	13,300	10
64380-5	60+				64419-2	60+			
64381-2	80+				64420-8	80+			
64409-3	40+	7 × ⅝-11 GIANT	8,600	5	89845-8	40+	5 × ⅞	12,000	10
64410-9	60+				64397-3	40+			
64411-6	80+				64398-0	60+			
64382-9	40+	7 × ⅞	8,600	5	64399-7	80+	7 × ⅝-11 GIANT	8,600	5
64383-6	60+				64421-5	40+			
64384-3	80+				64422-2	60+			
64412-3	40+	7 × ⅞ GIANT	8,600	5	64423-9	80+	7 × ⅞	8,600	5
64413-0	60+				64400-0	40+			
64414-7	80+				64401-7	60+			
					64402-4	80+			
					64424-6	40+			
					64425-3	60+			
					64426-0	80+			

▶ Tech Tip

3M Cubitron II Flap Discs will often produce a finish equivalent to the next-finer grade of a fibre disc (i.e., a 60 grit flap disc will usually leave a finish similar to an 80 grit fibre disc) – saving you time and finishing steps!

3M™ Cubitron™ II Cut-Off Wheels

Cut to the chase

Cubitron II Cut-Off Wheels are designed to provide high cut rates on all types of ferrous metals, stainless steels, alloy steels and cast iron. They offer long life to help reduce cost. Plus, their fast, cool cutting action helps make your job easier!



New, improved construction for an even faster cut ... longer life!

3M™ Cubitron™ II Cut-Off Wheel – T1

Diameter × Thickness × Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
3 × .035 × ¼	051115-66513-4	25,465	25/50
3 × .035 × ⅜	051115-66514-1	25,465	25/50
3 × .06 × ⅜	051115-66516-5	25,465	25/50
4 × .035 × ⅜	051115-66518-9	19,100	25/50
4 × .06 × ⅜	051115-66520-2	19,100	25/50
4 × .125 × ⅜	051115-66524-0	19,100	25/50
4 ½ × .040 × ⅜	051125-86929-4	13,300	25/50
4 ½ × .045 × ⅜	051115-66525-7	13,300	25/50
5 × .040 × ⅜	051125-86930-0	12,250	25/50
5 × .045 × ⅜	051115-66526-4	12,250	25/50
6 × .045 × ⅜	051115-66527-1	10,200	25/50
7 × .045 × ⅜	051115-66528-8	8,500	25/50

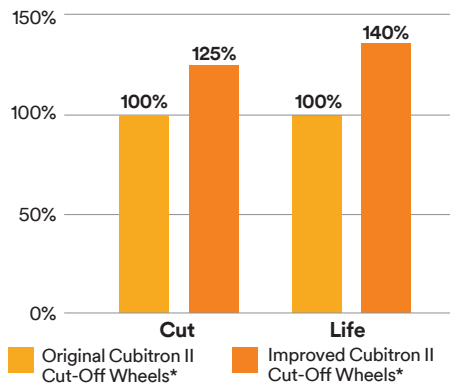
3M™ Cubitron™ II Cut-Off Wheel – T27

Diameter × Thickness × Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 ½ × .040 × ⅜	051125-86946-1	13,300	25/50
4 ½ × .045 × ⅜	051115-66531-8	13,300	25/50
4 ½ × .125 × ⅜	051115-66535-6	13,300	25/50
5 × .040 × ⅜	051125-86945-4	12,250	25/50
5 × .045 × ⅜	051115-66537-0	12,250	25/50
5 × .09 × ⅜	051115-66539-4	12,250	25/50
6 × .045 × ⅜	051115-66541-7	10,200	25/50
7 × .09 × ⅜	051115-66543-1	8,500	25/50

3M™ Cubitron™ II Cut-Off Wheel – T27 Quick Change

Diameter × Thickness × Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 ½ × .045 × ⅝-11	051115-66530-1	13,300	25/50
4 ½ × .09 × ⅝-11	051115-66532-5	13,300	25/50
4 ½ × .125 × ⅝-11	051115-66534-9	13,300	25/50
6 × .045 × ⅝-11	051115-66540-0	10,200	25/50
7 × .09 × ⅝-11	051115-66542-4	8,500	25/50

We've made the best – even better!



*Testing done on a 5" × .045" wheel





New! 3M™ Silver Cut-off Wheels

A cut above the ordinary

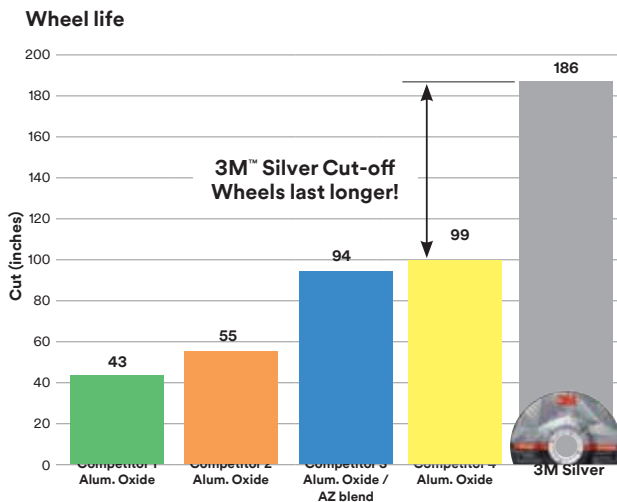
3M™ Silver Cut-off Wheels are a new kind of premium performance wheel designed to be affordable for everyday use. Featuring 3M Precision-Shaped Grain technology, these innovative wheels deliver fast, smooth cutting action on all types of ferrous metals, stainless steels and alloy steels. Plus they last longer than aluminum oxide and alumina zirconia wheels. That means fewer wheel changes and more finished parts per wheel, to help improve shop productivity and control your costs.

3M™ Silver Cut-off Wheels – Type 1

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
3 x .035 x ¼	051125-87457-1	25,465	25/50
3 x .035 x ⅜	051125-87458-8	25,465	25/50
3 x .060 x ⅜	051125-87459-5	25,465	25/50
4 x .035 x ¼	051125-87460-1	19,100	25/50
4 x .035 x ⅜	051125-87461-8	19,100	25/50
4 x .060 x ⅜	051125-87462-5	19,100	25/50
4 x .125 x ⅜	051125-87657-5	19,100	25/50
4.5 x .040 x ⅞	051125-87464-9	13,300	25/50
4.5 x .045 x ⅞	051125-87465-6	13,300	25/50
5 x .045 x ⅞	051125-87467-0	12,250	25/50
6 x .045 x ⅞	051125-87469-4	10,200	25/50
7 x .045 x ⅞	051125-87471-7	8,500	25/50

3M™ Silver Cut-off Wheels – Type 27

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4.5 x .045 x ⅞	051125-87466-3	13,300	25/50
4.5 x .093 x ⅞	051125-87659-9	13,300	25/50
5 x .045 x ⅞	051125-87468-7	12,250	10/20
6 x .045 x ⅞	051125-87470-0	10,200	10/20



Internal 3M testing on 304L stainless steel sheet (11 gauge) using a 13 amp electric tool.





3M™ Cubitron™ II Cut & Grind Wheels

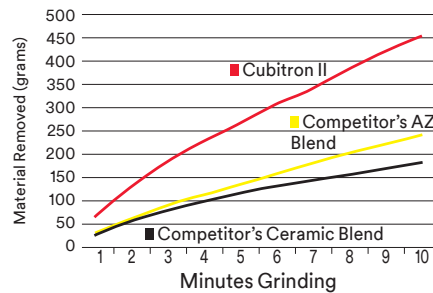
Cut. Grind. Done.

These versatile wheels are designed to be used both as a depressed center grinding wheel and as a cut-off wheel – making them ideal for cutting, grinding, gouging and more. After 10 minutes of use, they nearly double the output of our closest competitor while removing nearly 2x the material.

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

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 x 1/8 x 3/8	4046719-82276-8	15,300	10/20
4 x 1/8 x 5/8	4046719-82277-5	15,300	10/20
5 x 1/8 x 7/8	4046719-82278-2	12,250	10/20
4 1/2 x 1/8 x 7/8	4046719-82279-9	13,300	10/20
6 x 1/8 x 7/8	051141-28758-4	10,200	10/20
7 x 1/8 x 7/8	051141-28760-7	8,500	10/20
9 x 1/8 x 7/8	051141-28761-4	6,650	10/20

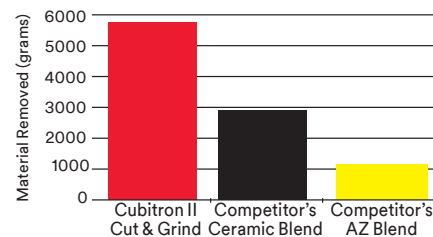
3M™ Cubitron™ II Cut & Grind Wheels Cut Faster! After 10 min., nearly double the output of our closest competitor



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

Diameter x Thickness x Arbor Hole (inches)	UPC	Max. RPM	Quantity (Inner/Case)
4 1/2 x 1/8 x 5/8-11	051141-28762-1	13,300	10/20
5 x 1/8 x 5/8-11	051141-28763-8	12,250	10/20
6 x 1/8 x 5/8-11	051141-28764-5	10,200	10/20
7 x 1/8 x 5/8-11	051141-28765-2	8,500	10/20
9 x 1/8 x 5/8-11	051141-28766-9	6,650	10/20

3M™ Cubitron™ II Cut & Grind Wheels Last Longer! Removes nearly 2x the material, compared to our closest competitor



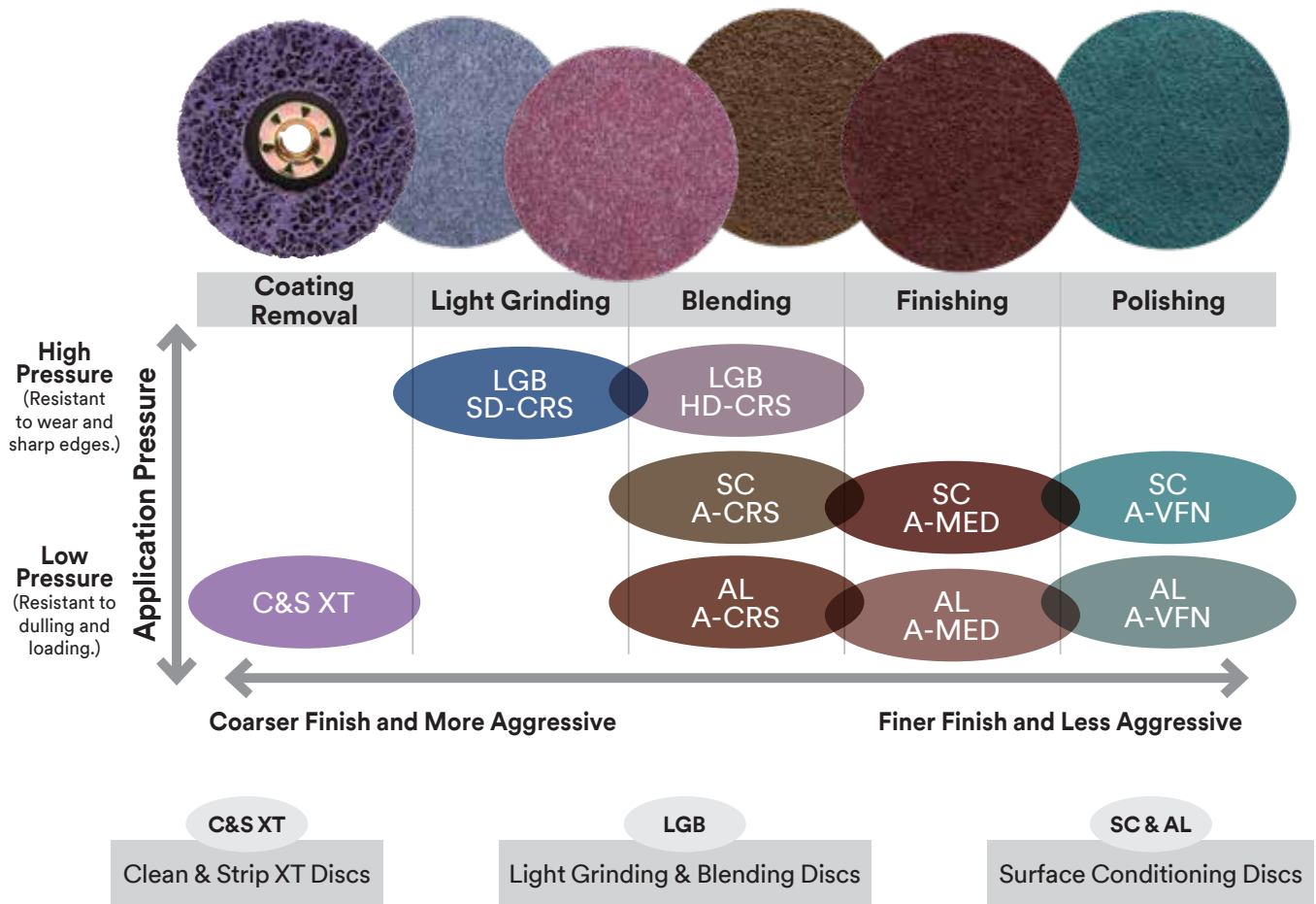


QUALITY FINISHES. MADE EASY.

For over 50 years, metalworking professionals have trusted Scotch-Brite™ Abrasives for a wide range of cleaning, deburring and finishing applications on all types of metals. Scotch-Brite products feature an open-web construction that resists loading.

Scotch-Brite products help you improve surfaces without significantly changing the shape or dimension of the workpiece.

CHOOSE THE RIGHT DISC FOR THE JOB.





SCOTCH-BRITE™ LIGHT GRINDING AND BLENDING DISCS

► Tech Tip

Use for light stock removal and aggressive blending operations.



► Tech Tip

2- Step Weld Removal & Prep for Paint

- ✓ **STEP 1:** Remove the weld with 3M™ Cubitron™ II Fibre Disc 982C grade 36+
- ✓ **STEP 2:** Finish with Scotch-Brite LGB SD Disc
- ✓ **READY FOR PAINT** (>3 mil)

NOTE: For best results, use with red (extra hard) or black (hard) 3M™ Disc Face Plates.

FOR LIGHT GRINDING AND BLENDING

A durable disc constructed with 3M ceramic aluminum oxide blend abrasive grain, for an aggressive cut, long life and consistent finish. Resistant to edge wear. Ideal for light grinding applications to produce a burr-free and paintable finish.

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

Diameter × Center Hole (inches)	UPC (048011-)	Grade	Max. RPM	Qty/Case
4 ½ × ⅝-11*	60349-0	A CRS SD	13,000	50
	60348-3	A CRS HD	13,000	50
5 × ⅝-11*	60351-3	A CRS SD	12,000	50
	60350-6	A CRS HD	12,000	50
7 × ⅝-11*	60353-7	A CRS SD	8,600	25
	60352-0	A CRS HD	8,600	25

*Quick Change Tinneman Nut Attachment

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

Diameter × Center Hole (inches)	UPC (048011-)	Grade	Max. RPM	Qty/Case
4 ½ × ⅞	60333-9 ¹	A CRS SD	10,000	50
	60332-2 ¹	A CRS HD	10,000	50
5 × ⅞	60341-4	A CRS SD	10,000	50
	60336-0	A CRS HD	10,000	50
7 × ⅞	60344-5	A CRS SD	6,000	25
	60347-6	A CRS HD	6,000	25

¹Made-to-Order

SD = Super Duty **HD** = Heavy Duty



SCOTCH-BRITE™ CLEAN AND STRIP XT DISCS

THE NAME SAYS IT ALL.

Tough Clean & Strip XT discs cut fast and resist loading without damaging the metal underneath. Ideal for removing rust, paint and other coatings. Use with TN Quick Change backup pad or fibre disc hub and face plate.

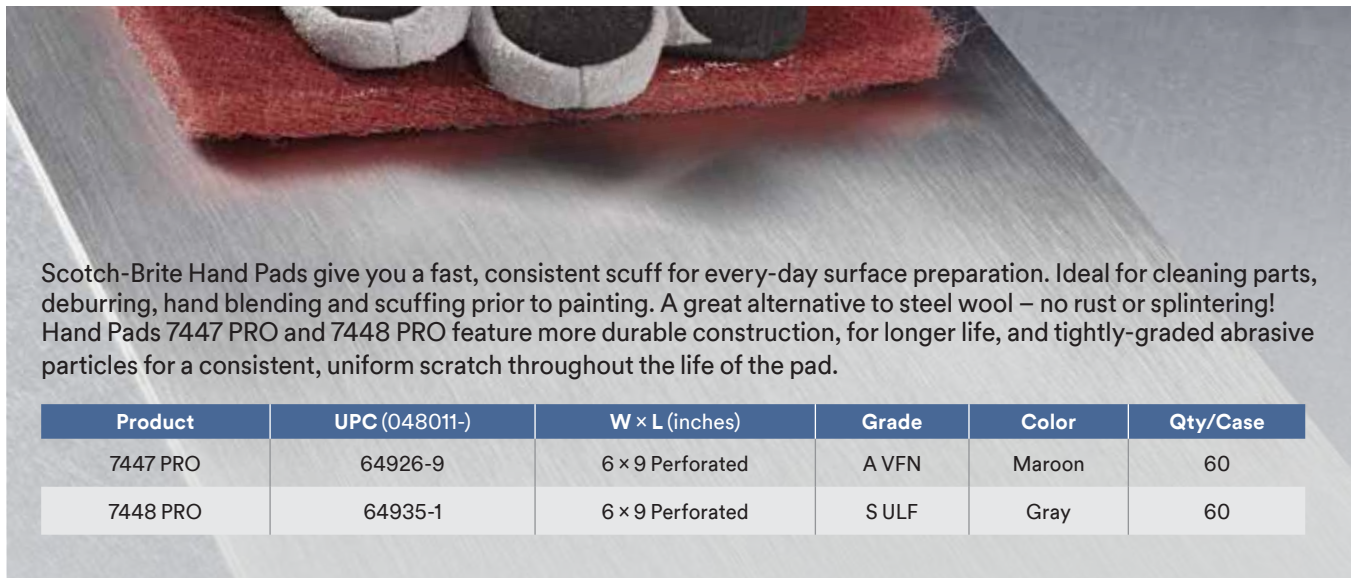


Scotch-Brite™ Clean & Strip XT Disc – TN Quick Change

Diameter × Thickness × Arbor Hole (inches)	UPC (048011-)	Grade	Max. RPM	Qty/Case
4 ½ × ½ × ⅝-11*	33194-2	S XCS	13,300	10
7 × ½ × ⅝-11*	33196-6	S XCS	8,600	5

*Quick Change Tinneman Nut Attachment

SCOTCH-BRITE™ HAND PADS 7447 PRO & 7448 PRO



Scotch-Brite Hand Pads give you a fast, consistent scuff for every-day surface preparation. Ideal for cleaning parts, deburring, hand blending and scuffing prior to painting. A great alternative to steel wool – no rust or splintering! Hand Pads 7447 PRO and 7448 PRO feature more durable construction, for longer life, and tightly-graded abrasive particles for a consistent, uniform scratch throughout the life of the pad.

Product	UPC (048011-)	W × L (inches)	Grade	Color	Qty/Case
7447 PRO	64926-9	6 × 9 Perforated	A VFN	Maroon	60
7448 PRO	64935-1	6 × 9 Perforated	S ULF	Gray	60



SCOTCH-BRITE™ AL SURFACE CONDITIONING DISCS

FOR BLENDING AND FINISHING SOFT METALS

► Tech Tip

Specially formulated for use on softer metals, Scotch-Brite AL discs can be used on all metals, especially when loading is an issue.

Designed specifically for fast, consistent blending and finishing of aluminum, oily carbon steel and other soft metals, Scotch-Brite AL Surface Conditioning Discs feature a unique, open web construction that resists loading. Plus they deliver the same great quality and performance you've come to expect from the Scotch-Brite brand.

Diameter (inches)	UPC (051141-)	Grade	Color	Max. RPM	Qty/Case
4 ½	54219-5	A CRS	Brown	9600	50
	54218-8	A MED	Maroon	9600	50
	54217-1	A VFN	Blue	9600	50
5	54212-6	A CRS	Brown	8500	50
	54215-7	A MED	Maroon	8500	50
	54213-3	A VFN	Blue	8500	50
7	54204-1	A CRS	Brown	6000	25
	54211-9	A MED	Maroon	6000	25
	54214-0	A VFN	Blue	6000	25





SCOTCH-BRITE™ SURFACE CONDITIONING DISCS (SC)

FOR GENERAL PURPOSE BLENDING

The ideal choice for general purpose surface conditioning, including finishing, cleaning and light deburring. Helps you achieve a consistent, paintable finish in fewer steps without damaging the base material. Durable open-web construction is designed to resist loading and greatly increase the life of the disc — so you don't have to change discs as often. Attaches and removes easily to 3M™ Hook-and-Loop Backup Pads.

► Tech Tip

Use for all your general surface conditioning needs. Scotch-Brite SC discs are durable enough for sharp edges, so they are ideal for use on rougher workpieces.

Diameter (inches)	UPC (048011-)	Grade	Color	Max. RPM	Qty/Case
4 ½	14101-5	A CRS	Brown	13,000	50
	14100-8	A MED	Maroon	13,000	50
	14099-5	A VFN	Blue	13,000	50
5	00750-2	A CRS	Brown	10,000	25
	00643-7	A MED	Maroon	10,000	25
	04303-6	A VFN	Blue	10,000	25
7	00751-9	A CRS	Brown	6,000	25
	00645-1	A MED	Maroon	10,000	25
	04305-0	A VFN	Blue	10,000	25



3M™ Power Tools and Accessories

3M™ 1.5 HP Power Tools for Right-Angle Systems

Lightweight but rugged, these 1.5 hp power tools are designed with a high power-to-weight ratio to help operators get more work done in less time.



3M™ Grinder 28824
051141-28824-6



3M™ Sander 28825
051141-28825-3



3M™ Cut-off Wheel Tool 28826
051141-28826-0

NEW! 3M™ 1HP Power Tools for Right-Angle Systems

These 1 horse power tools feature heavy duty gear sets requiring no maintenance or lubrication. They are also engineered with a new sealed design that keeps external contaminants out and lubrication in.



3M™ Grinder 28403*
051141-28403-3



3M™ Grinder 28405*
051141-28405-7



3M™ Cutoff Wheel Tool 20233
051141-20233-4



3M™ Cutoff Wheel Tool 28771
051141-28771-3

*Upgraded



These tools are optimized for use with 3M™ Cubitron™ II and 3M™ Abrasives

Accessories for 3M™ Right-Angle Systems

	Product Name	UPC	Description	Max. RPM	For Use With	Min/Case
	3M™ Disc Pad Hub	051144-88743-9	2½" dia., ⅝"-11" Metal Insert	N/A	3M™ Disc Pad Face Plates (all sizes, tool shaft length ½" or less)	10
		3M™ Disc Pad Face Plates	051141-28443-9	4½" dia., Red, Ribbed, Extra Hard	13,300	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs
3M™ Disc Pad Face Plates		051141-14270-5	4½" dia., Black, Smooth, Hard	13,300	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
3M™ Disc Pad Face Plates		051144-81732-0	5" dia., Red, Ribbed, Extra Hard	12,000	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
3M™ Disc Pad Face Plates		051144-81733-7	5" dia., Black, Ribbed, Hard	12,000	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
3M™ Disc Pad Face Plates		051144-80514-3	7" dia., Red, Ribbed, Extra Hard	8,600	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
3M™ Disc Pad Face Plates		051144-80515-0	7" dia., Black, Ribbed, Hard	8,600	Fibre Discs and Scotch-Brite™ Surface Conditioning Discs	10
	3M™ Disc Retainer Nuts	051111-51047-5	⅝" Depth; ⅝"-11" Thread	N/A	3M™ Disc Pad Face Plates and Disc Pad Hubs	N/A
	3M™ Disc Retainer Nuts	051144-05622-4	¾" Depth; ⅝"-11" Thread	N/A	3M™ Disc Pad Face Plates and Disc Pad Hubs	N/A
	3M™ Disc Retainer Nuts	051144-05621-7	½" Depth; ⅝"-11" Thread	N/A	3M™ Disc Pad Face Plates and Disc Pad Hubs	N/A
	3M™ Disc Retainer Nuts	051144-05620-0	⅝" Depth; ⅝"-11" Thread	N/A	3M™ Disc Pad Face Plates and Disc Pad Hubs	N/A
	3M™ TN Quick Change Disc Backup Pad	051111-56573-5	4½" dia., ⅝"-11" INT	13,300	4½" TN Discs	5
	3M™ Hook-and-Loop Disc Pad Holders	051141-20245-7	7" dia., ⅜" Center Post; ⅝"-11" INT	8,500	Scotch-Brite™ Light Grinding and Blending Disc Accessories	1
	3M™ Hook-and-Loop Disc Pad Holders	048011-14111-4	4½" dia., ⅜" Center Hole; ⅝" Thick., ⅝"-11" INT, Firm	13,000	Scotch-Brite™ Surface Conditioning Discs	1
	3M™ Hook-and-Loop Disc Pad Holders	048011-05680-7	5" dia., ⅜" Center Hole; ⅝" Thick., ⅝"-11" INT, Firm	10,000	Scotch-Brite™ Surface Conditioning Discs	1
	3M™ Hook-and-Loop Disc Pad Holders	048011-09450-2	7" dia., ⅜" Center Hole, ⅝" Thick., ⅝"-11" INT, Med.	6,000	Scotch-Brite™ Surface Conditioning Discs	1
	3M™ Hook & Loop Disc Pad Holder CP (Center Post)	051141-28892-5	4" dia., ⅞" Center Post, ⅝"-11" INT	15,000	Scotch-Brite™ Surface Conditioning Discs	1/5
	3M™ Hook & Loop Disc Pad Holder CP (Center Post)	051141-28891-8	4½" dia., ⅞" Center Post, ⅝"-11" INT	13,300		1/5
	3M™ Hook & Loop Disc Pad Holder CP (Center Post)	051141-28890-1	5" dia., ⅞" Center Post, ⅝"-11" INT	12,000		1/5
	3M™ Hook & Loop Disc Pad Holder CP (Center Post)	051141-28888-8	7" dia., ⅞" Center Post, ⅝"-11" INT	8,600		1/5

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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