

3M™ Square and Cross Pads

Square pads are ideal for fast grinding/blending of channels, fillets, corners and spotting on flat surfaces. As the square pads rotate, the corners exert a fast biting action and gradually wear down to expose fresh abrasive material. Cross pads are used for close tolerance polishing of small radii and channels, deburring the ends and insides of tubing and other special applications.

3M™ Square Pads 341D

- Premium aluminum oxide on an X wt cloth backing
- Long life and fast cut
- General purpose pads at a value price



UPC	Size	Grade	Max RPM	Min/Case
1/4–20 Eyelet				
051141-27353-2†	2" x 2" x 3/8"	60	12,000	50/100
051141-27354-9†	2" x 2" x 3/8"	80	12,000	50/100
051141-27355-6†	2" x 2" x 3/8"	P120	12,000	50/100
051141-27350-1	2" x 2" x 1/2"	60	12,000	50/100
051141-27351-8	2" x 2" x 1/2"	80	12,000	50/100
051141-27352-5	2" x 2" x 1/2"	P120	12,000	50/100
051144-97723-9	3" x 3" x 1/4"	P120	9,000	50/100
051141-27356-3†	3" x 3" x 1/2"	60	9,000	50/100
051141-27357-0†	3" x 3" x 1/2"	80	9,000	50/100
051141-27358-7†	3" x 3" x 1/2"	P120	9,000	50/100

†Made-to-Order

3M™ Square Pads 747D

- 3M ceramic aluminum oxide blend abrasive grain on an X wt cloth backing
- Super aggressive cut rate and durability
- Contains grinding aid for cooler cutting on heat sensitive alloys



UPC	Size	Grade	Max RPM	Min/Case
1/4–20 Eyelet				
051141-27361-7†	2" x 2" x 1/2"	P120	7,000	50/100
051141-27363-1†	2" x 2" x 3/8"	80	7,000	50/100
051141-27364-8†	2" x 2" x 3/8"	P120	7,000	50/100
051141-27365-5†	3" x 3" x 1/2"	60	6,000	50/100
051141-27366-2†	3" x 3" x 1/2"	80	6,000	50/100
051141-27367-9†	3" x 3" x 1/2"	P120	6,000	50/100

†Made-to-Order

3M™ Cross Pads 341D

- Premium aluminum oxide on an X wt cloth backing
- Long life and fast cut
- General purpose pads at a value price



UPC	Size	Grade	Max RPM	Min/Case
8 or 10 Ply; 8–32 Eyelet				
051141-27368-6	1" x 1" x 3/8"	60	18,000	50/100
051141-27369-3	1" x 1" x 3/8"	80	18,000	50/100
051141-27370-9†	1" x 1" x 3/8"	P120	18,000	50/100
051141-27371-6	1-1/2" x 1-1/2" x 1/2"	60	18,000	50/100
051141-27372-3	1-1/2" x 1-1/2" x 1/2"	80	18,000	50/100
051141-27373-0	1-1/2" x 1-1/2" x 1/2"	P120	18,000	50/100
051144-97783-3	6" x 6" x 1-1/2"	60	9,000	50

8 Ply; 1/4–20 Eyelet

051141-27374-7	2" x 2" x 1/2"	60	15,000	50/100
051141-27375-4	2" x 2" x 1/2"	80	15,000	50/100
051141-27376-1	2" x 2" x 1/2"	P120	15,000	50/100
051141-27378-5	2" x 2" x 3/4"	80	15,000	50/100
051141-27379-2	2" x 2" x 3/4"	P120	15,000	50/100
051144-97750-5	2-1/2" x 2-1/2" x 3/4"	60	15,000	50/100

8 or 10 Ply; 1/4–20 Eyelet

051141-27380-8	3" x 3" x 1"	60	15,000	50/100
051141-27381-5	3" x 3" x 1"	80	15,000	50/100
051141-27382-2†	3" x 3" x 1"	P120	15,000	50/100
051144-97766-6	3-1/2" x 3-1/2" x 1-1/2"	80	12,000	50/100

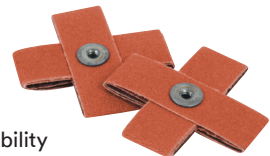
8 Ply; 8–32 Eyelet

051144-97768-0	4" x 4" x 1"	60	12,000	50/100
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- 3M ceramic aluminum oxide blend abrasive grain on an X wt cloth backing
- Super aggressive cut rate and durability
- Contains grinding aid for cooler cutting on heat sensitive alloys



UPC	Size	Grade	Max RPM	Min/Case
8 Ply; 1/4–20 Eyelet				
051141-20369-0	1-1/2" x 1-1/2" x 1/2"	80	18,000	100
051141-20372-0	1-1/2" x 1-1/2" x 1/2"	P100	18,000	100
051141-20375-1	2" x 2" x 3/4"	80	15,000	100

3M™ Power Tools: Specialty Abrasives

3M™ Match and Finish Sander: 1 HP (744W)




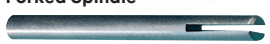


- Generate straight-line scratches for finishing stainless steel and other metals
- Front to back motion helps prevent curved scratches
- Easy to control for reduced start/stop marks
- Easy screw-on/screw-off attachments
- Design for use with Scotch-Brite™ Match and Finish Flap Brushes, 3M™ Abrasive Belts or Scotch-Brite™ Belts*



UPC	Model	Shaft Size	Max RPM	Weight Pound (kg)	Length Inch (mm)	Air Inlet Thread	Airflow Rate SCFM (LPM)
051141-28659-4	28659	4" x 5/8-11 EXT	3,500	4.6 (2.1)	13.5 (343)	1/4" NPT	37 (1,048)

*To run belt products, 3M™ Expander Wheel (28718) and Adapter Kit (28719) are required

Accessories: Specialty Abrasives

Product	UPC	For Use With	Size/Description	Max RPM	Qty/Case
Mandrel 944 	048011-13928-9	Scotch-Brite™ Stars for cleaning and polishing internal diameters of pipe and tubing	1/4" x 1/4-20 EXT	25,100	1
3M™ Mandrels 	051144-45119-7	Screw-type mandrels for securing cartridge rolls to tool	1/8" x 1" x 1/4"	24,000 (1/2" and smaller cartridge roll diameter); 16,000 (5/8" - 3/4" cartridge roll diameter)	25
	051144-45117-3	Screw-type mandrels for securing cartridge rolls to tool	3/16" x 1" x 1/4"		25
	051144-45118-0	Screw-type mandrels for securing cartridge rolls to tool	3/16" x 1-1/2" x 1/4"		25
3M™ Square and Cross Pad Mandrel 	051144-14308-5	Used for holding square and cross pads with 1/4-20 and 8-32 internal threaded inserts	1/4" x 1/4-20 EXT	Dependent upon abrasive product used	1
	051144-14307-8		1/4" x 8-32 EXT		1
	051141-28385-2		1/4" x 3-48 EXT		5
Forked Spindle 	051144-45121-0	For attaching utility cloth strips	3" x 1/16" x 3/4" x 1/4"	N/A	10
For 3M™ Match and Finish Sander					
3M™ Rubber Slotted Expander Wheel 	051141-28718-8	Rubber Slotted Expander Wheel for use with 3-1/2" x 15-1/2" belts	5" x 3-1/2" x 1" AH	3,500	1
3M™ Rubber Slotted Expander Adapter Kit 	051141-28719-5	Inline sander, bench grinders, bench motors, benchtop tools	1" x 5/8-11 INT	3,500	1