

RUBBERIZED ABRASIVES
SERIES 994:



GRIT TEXTURES

Each **MATZ** size and shape is made in four standard Grit Textures or compositions which differ in accordance with the mesh size of the abrasive grain used.

(C) COARSE
(Green)

(M) MEDIUM
(Dark Brown)

(F) FINE
(Reddish Brown)

(XF) EXTRA FINE
(Grey Green)

MATZ STANDARD BOND

The **MATZ** bond common to each of the four Grit Textures is made with premium grade oil-resistant chemical rubber. In contrast to conventional grinding wheels the **MATZ** bond has unique cushioned action...cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non-metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control.

BASIC APPLICATIONS

LIGHT DEBURRING and smoothing to relieve stress concentrations and to remove visible and microscopic burrs without impacting surrounding areas.

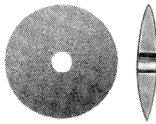
SMOOTHING and polishing to improve wearing qualities and to reduce the dangers of progressive fracture and fatigue failure.

CLEANING and polishing to remove undesirable surface deposits.

POLISHING and smoothing to improve performance, appearance, cleanliness and to lessen the dangers of surface contamination.

MATZ SMALL WHEELS - TAPERED EDGE

MATZ Shaped Wheels have a tapered edge which makes them exceptionally versatile for fine work on small and delicate parts...ideal for polishing, cleaning out and finishing decorative and intricate designs.



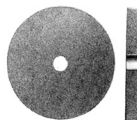
Size No. 2

- Maximum Safe Speed 25,000 Revolutions Per Minute. Best results are usually obtained at 30% to 80% of Maximum Safe Speed. Use a light work pressure.

Dia.	Thickness	Arbor Hole	Model No.	Coarse Grit Order No.	Med. Grit Order No.	Fine Grit Order No.	Ex. Fine Grit Order No.	Price/100
3/8	3/32	1/16	1	9410010	9410011	9410012	9410013	
5/8	3/32	1/16	2	9410020	9410021	9410022	9410023	
1	1/8	1/16	5	9410050	9410051	9410052	9410053	

MATZ SMALL WHEELS - STRAIGHT EDGE

MATZ Small Straight Wheels can be mounted on conventional portable motor tools and used on a broad list of deburring, smoothing and polishing applications. They can be used on countless operations requiring absolute control of metal removal such as in micro-deburring, relieving stress concentration areas and polishing away fatigue lines, scratches and other surface defects. Ideal for work on dies, molds, instruments, control mechanisms, electronic parts, jewelry, aerospace components, plastic articles, light castings, models, and super sensitive scientific devices.



Size No. 74

- Maximum Safe Speed 25,000 Revolutions Per Minute. Best results are usually obtained at 30% to 80% of Maximum Safe Speed. Use a light work pressure.

Dia.	Thickness	Arbor Hole	Model No.	Coarse Grit Order No.	Med. Grit Order No.	Fine Grit Order No.	Ex. Fine Grit Order No.	Price/100
5/8	3/32	1/16	53	420530	9420531	9420532	9420533	
5/8	1/8	1/16	54	420540	9420541	9420542	9420543	
7/8	1/8	1/16	74	420740	9420741	9420742	9420743	
1	1/16	1/16	83	420830	9420831	9420832	9420833	
1	1/8	1/16	80	420800	9420801	9420802	9420803	
1	3/16	1/16	86	420860	9420861	9420862	9420863	
1	1/4	1/16	88	420880	9420881	9420882	9420883	

MATZ SMALL WHEEL MANDRELS

- Maximum safe speed 25,000 Revolutions Per Minute with 1/2" overhang or less (exposed mandrel length).



No. 2



No. 3



No. 5



No. 8

Model No.	Shank	For Hole	Order No.	Price
2	3/32	1/16	9940002	
3	1/8	1/16	9940003	
5	1/8	1/8	9940005	
8	1/4	1/8	9940008	

RUBBERIZED ABRASIVES

SERIES 994:

MATZ USA 

Made In U.S.A.

MATZ STRAIGHT WHEELS - LARGE SIZE

MAXIMUM SAFE SPEEDS in Revolutions Per Minute: 1-1/2" dia.-15,000; 2"-10,500; 2-1/2"-8,300; 3"-7,000; 4"-5,250; 5"-4,200; 6"-3,600; 7"-3,000; 8"-2,600; 10"-2,100.



Dimensions in inches

Diameter	Thickness	Arbor Hole	Model No.	Coarse Grit Order No.	Med. Grit Order No.	Fine Grit Order No.	Ex. Fine Grit Order No.	Price
1-1/2	1/8	1/8	152	9401520	9401521	9401522	9401523	
1-1/2	1/4	1/4	154	9401540	9401541	9401542	9401543	
1-1/2	1/2	1/4	158	9401580	9401581	9401582	9401583	
2	1/8	1/4	202	9402020	9402021	9402022	9402023	
2	3/8	1/4	206	9402060	9402061	9402062	9402063	
3	1/8	1/4	302	9403020	9403021	9403022	9403023	
3	1/4	1/4	304	9403040	9403041	9403042	9403043	
3	1/2	1/4	308	9403080	9403081	9403082	9403083	
4	1/8	1/2	402	9404020	9404021	9404022	9404023	
4	1/4	1/2	404	9404040	9404041	9404042	9404043	
4	1/2	1/2	408	9404080	9404081	9404082	9404083	
4	3/4	1/2	412	9404120	9404121	9404122	9404123	
6	1/8	1/2	602	9406020	9406021	9406022	9406023	
6	1/4	1/2	604	9406040	9406041	9406042	9406043	
6	1/2	1/2	608	9406080	9406081	9406082	9406083	
6	3/4	1/2	612	9406120	9406121	9406122	9406123	
6	1	1/2	616	9406160	9406161	9406162	9406163	

MATZ WHEEL MANDREL



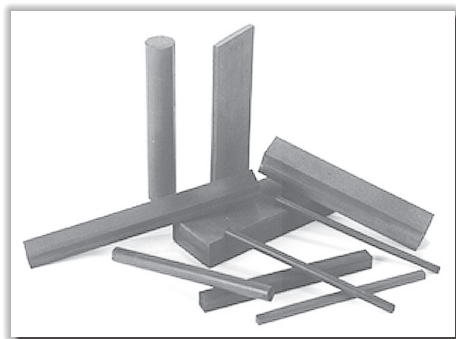
MATZ Wheel Mandrel No. 1342 has a 1/4" shank and is designed for 1/4" center hole wheels up to 3" diameter by 1/2" thick or less. The maximum safe speeds listed above are for 1/2" overhang or less (exposed mandrel length).

Model No.	1342
Order No.	9941342
Price	



While we show only the most popular **MATZ** items we can supply their entire range of products; please inquire.

MATZ BLOCKS AND STICKS



Length	Cross Section	Model No.	Coarse Grit Order No.	Med. Grit Order No.	Fine Grit Order No.	Ex. Fine Grit Order No.	Price
SQUARE ■							
6	1/4 x 1/4	6202	9462020	9462021	9462022	9462023	
6	1/2 x 1/2	6404	9464040	9464041	9464042	9464043	
6	3/4 x 3/4	6606	9466060	9466061	9466062	9466063	
OBLONG ■■■							
6	1 x 1/8	6801	9468010	9468011	9468012	9468013	
6	1 x 1/4	6802	9468020	9468021	9468022	9468023	
6	1 x 3/8	6803	9468030	9468031	9468032	9468033	
8	1 x 1/2	8804	9488040	9488041	9488042	9488043	
ROUND ●							
6	3/16	036	400360	9400361	9400362	9400363	
6	1/4	046	400460	9400461	9400462	9400463	
6	5/16	056	400560	9400561	9400562	9400563	
6	3/8	066	400660	9400661	9400662	9400663	
6	1/2	086	400860	9400861	9400862	9400863	
6	3/4	0126	401260	9401261	9401262	9401263	
6	1	0166	401660	9401661	9401662	9401663	

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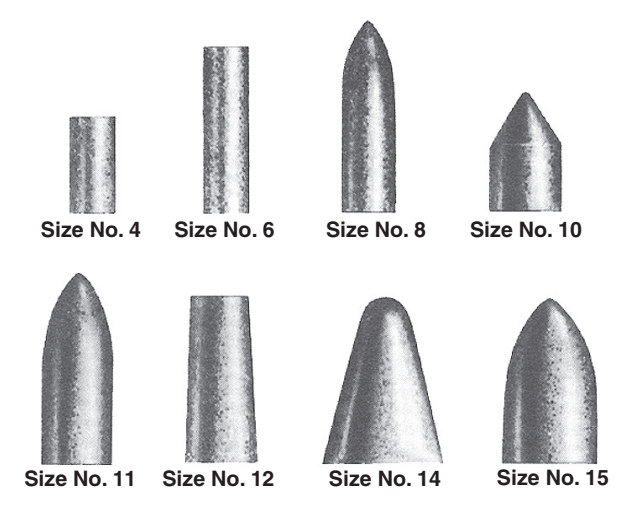
MATZ USA



MATZ POINTS

MATZ Shaped Points are made in both cylinder and bullet shapes. . . for smoothing and polishing hard to reach surfaces. . . grooves, ball corners, holes, clasps, spirals, flutes, and edges. They are widely used for polishing molds, dies, patterns and light castings; for cleaning contact points, solder spots and for relieving stress, micro-deburring, and damaskeening.

- Maximum Safe Speed 25,000 Revolutions Per Minute.



Shape	Diameter	Length	Arbor Hole	Model No.	Coarse Grit Order No.	Med. Grit Order No.	Fine Grit Order No.	Ex. Fine Grit Order No.	Price/100
Cylinder	1/4	1/2	1/16	4	9430040	9430041	9430042	9430043	
Cylinder	1/4	7/8	1/16	6	9430060	9430061	9430062	9430063	
Bullet	9/32	1	1/16	8	9430080	9430081	9430082	9430083	
Bullet	3/8	5/8	1/16	10	430100	9430101	9430102	9430103	
Bullet	3/8	1	1/8	11	9430110	9430111	9430112	9430113	
Tapered	3/8 to 5/16	7/8	1/8	12	9430120	9430121	9430122	9430123	
Tapered	5/8 to 1/8	7/8	1/8	14	9430140	9430141	9430142	9430143	
Bullet	1/2	7/8	1/8	15	9430150	9430151	9430152	9430153	



MATZ POINT MANDRELS

- Mandrels No. 1 and No. 4 have a No. 3-48 thread and hex nut flange.
- Mandrel No. 6 has a No. 5-40 thread and a hex nut flange.
- Mandrel No. 9 has a No. 5 screw thread, and a fixed shoulder flange.
- Maximum Safe Speed 25,000 Revolutions Per Minute with 1/2" overhang or less (exposed mandrel length). For each additional 1/4" of overhang the Maximum Safe Speed is decreased by at least 20%.

Diameter in inches

Model No.	Shank	For Hole	For Point Nos.	Order No.	Price
1	3/32	1/16	4,6,8,10	9940001	
4	1/8	1/16	4,6,8,10	9940004	
6	1/8	1/8	11,12,14,15	9940006	
9	1/4	1/8	11,12,14,15	9940009	

MATZ CONE TEST KIT NO. 227

Kit No. 227 contains 18 MATZ Cones plus two No. 1341 Cone Mandrels. There are 9 MATZ coarse grit Cones and 9 fine grit Cones in the Kit. Ideal for smoothing, cleaning and polishing grooves, ball corners, flares, angles, holes and other hard to reach surfaces.

Model No.	227
Order No.	9940027
Price	

Contents of Kit 227

- 2 Tapered Cones No. 1340 - 1" length, tapered 5/8" to 1/4"
 - 2 Tapered Cones No. 1345 - 1-1/4" length, tapered 7/8" to 1/4"
 - 2 Tapered Cones No. 1349 - 1-1/4" length, tapered 1" to 1/4"
 - 2 Tapered Cones No. 1848 - 2" length, tapered 1" to 1/2"
 - 2 Cylinder Cones No. 1350 - 1" length x 7/8" dia.
 - 2 Cylinder Cones No. 1351 - 1-1/2" length x 1" dia.
 - 2 Pointed Cones No. 1357 - 1-1/4" length x 7/8" dia.
 - 2 Pointed Cones No. 1358 - 1-3/4" length x 1" dia.
 - 2 Bullet Cones No. 4707 - 1-3/4" length x 7/8" dia.
 - 2 Cone Mandrels No. 1341 - 1/4" Shank
- Equally divided between C - Coarse and F - Fine Grit Textures



MATZ BLOCK AND STICK TEST KIT NO. 228

Kit No. 228 contains 16 of the most popular MATZ Blocks and Sticks. Excellent for cleaning, deburring and polishing metal surfaces, for breaking edges, smoothing away high spots, removing rust, heat marks, tarnish and stain.

Model No.	228
Order No.	9940028
Price	

Contents of Kit 228

- 4 Oblong Blocks No. 6803 - 6" x 1" x 3/8"
 - 4 Square Blocks No. 6404 - 6" x 1/2" x 1/2"
 - 4 Round Sticks No. 066 - 6" x 3/8" dia.
 - 4 Round Sticks No. 086 - 6" x 1/2" dia.
- Equally assorted in the four MATZ Grit Textures - C, M, F, XF



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MATZ POLISHING KIT NO. 232

Kit No. 232 contains a comprehensive assortment of **MATZ** items especially selected for automotive, aerospace, marine and general industrial applications - 22 of the most popular **MATZ** Polishing Wheels, Cones and Blocks in all four grit textures plus two mandrels.

Model No.	232
Order No.	9940232
Price	

Contents of Kit 232

- 8 Tapered Cones No. 1340 - 1" length, tapered 5/8" to 1/4"
- 4 Pointed Cones No. 1357 - 1-1/4" length x 7/8" dia.
- 4 Pointed Cones No. 1358 - 1-3/4" length x 1" dia.
- 3 Oblong Blocks No 6803 - 6" x 1" x 3/8"
- 3 Straight Wheels No. 204 - 2" dia. x 1/4" thick x 1/4" hole
- 1 Cone Mandrel No. 1341 - 1/4" Shank
- 1 Wheel Mandrel No. 1342 - 1/4" Shank



MATZ POINT AND MANDREL KIT NO. 767

Kit No. 767 contains two of each of the four grit textures of the five most popular **MATZ** Small Points. A total of 40 points plus two each of the No. 4 and No. 6 Mandrels. Packaged in a four compartment plastic box by grit textures C, M, F, & XF for easy selection.

Model No.	767
Order No.	9940767
Price	

Contents of Kit 767

- 8 Bullet Points No. 8 - 1" length x 9/32" dia.
 - 8 Bullet Points No. 10 - 5/8" length x 3/8" dia.
 - 8 Bullet Points No. 11 - 1" length x 3/8" dia.
 - 8 Tapered Points No. 14 - 7/8" length, x 5/8" to 1/8" dia.
 - 8 Bullet Points No. 15 - 7/8" length x 1/2" dia.
 - 2 Point Mandrels No. 4 - 1/8" Shank
 - 2 Point Mandrels No. 6 - 1/8" Shank
- Equally assorted in four **MATZ** Grit Textures - C, M, F, XF



MATZ POINT AND TEST KIT NO. 777

Kit No. 777 contains 80 Wheels and Points plus four Mandrels. Packaged in a four compartment plastic box by grit textures C, M, F, & XF for easy selection. Ideal for use in a wide range of polishing, smoothing and deburring applications.

Model No.	777
Order No.	9940777
Price	

Contents of Kit 777

- 8 Tapered Edge Wheels No. 2 - 5/8" dia.
 - 8 Straight Wheels No. 54 - 5/8" dia. x 1/8" thick
 - 16 Straight Wheels No. 74 - 7/8" dia. x 1/8" thick
 - 8 Straight Wheels No. 86 - 1" dia. x 3/16" thick
 - 16 Cylinder Points No. 6 - 7/8" length x 1/4" dia.
 - 16 Bullet Points No. 8 - 1" length x 9/32" dia.
 - 8 Bullet Points No. 10 - 5/8" length x 3/8" dia.
 - 2 Wheel Mandrels No. 3 - 1/8" Shank
 - 2 Point Mandrels No. 4 - 1/8" Shank
- Equally assorted in four **MATZ** Grit Textures - C, M, F, XF



MATZ POINT TEST KIT NO. 778

Kit No. 778 contains two each of all eight **MATZ** Point shapes equally assorted in four grit textures - a total of 64 Points plus two No. 4 and two No. 6 Point Mandrels. Ideal for deburring, smoothing and polishing hard to reach surfaces.

Model No.	778
Order No.	9940778
Price	

Contents of Kit 778

- 8 Cylinder Points No. 4 - 1/2" length x 1/4" dia.
 - 8 Cylinder Points No. 6 - 7/8" length x 1/4" dia.
 - 8 Bullet Points No. 8 - 1" length x 9/32" dia.
 - 8 Bullet Points No. 10 - 5/8" length x 3/8" dia.
 - 8 Bullet Points No. 11 - 1" length x 3/8" dia.
 - 8 Tapered Points No. 12 - 7/8" length x 3/8" to 5/16" dia.
 - 8 Tapered Points No. 14 - 7/8" length x 5/8" to 1/8" dia.
 - 8 Bullet Points No. 15 - 7/8" length x 1/2" dia.
 - 2 Point Mandrels No. 4 - 1/8" Shank
 - 2 Point Mandrels No. 6 - 1/8" Shank
- Equally assorted in four **MATZ** Grit Textures - C, M, F, XF



MATZ TOOL ROOM ASSORTMENT NO. 796

Kit No. 796 was developed to meet the demands of industry for a working assortment of **MATZ** Rubberized Abrasives for general shop and tool room requirements. This comprehensive assortment comes in a compartmented dispensing tray - takes little space (10-1/2" x 15") and makes items in textures and sizes immediately available without workers losing time. The assortment No. 796 is also widely used as a sales display by **MATZ** Distributors.

Model No.	796
Order No.	9940796
Price	

Contents of Kit 796

- 200 Tapered Edge Wheels No. 2 - 5/8" dia.
 - 200 Wheels No. 53 - 5/8" dia. x 3/32" thick
 - 100 Straight Wheels No. 74 - 7/8" dia. x 1/8" thick
 - 100 Cylinder Points No. 6 - 7/8" length x 1/4" dia.
 - 100 Bullet Points No. 8 - 1" length x 9/32" dia.
 - 24 Point Mandrels No. 1 - 3/32" shank
 - 24 Wheel Mandrels No. 2 - 3/32" shank
 - 24 Wheel Mandrels No. 3 - 1/8" shank
 - 24 Point Mandrel No. 4 - 1/8" shank
- Equally assorted in four **MATZ** Grit Textures - C, M, F, XF



ABRASIVES