

MATZ RUBBER CO., INC.

1209 W. CHESTNUT ST. • BURBANK, CALIFORNIA 91506

PHONE: (818) 841-MATZ OR (818) 840-8042 • FAX: (818) 840-8340

WWW.MATZRUBBER.COM

MATZ



BLOCKS WHEELS PENCILS & STICKS TUMBLING MEDIA

RUBBERIZED ABRASIVE

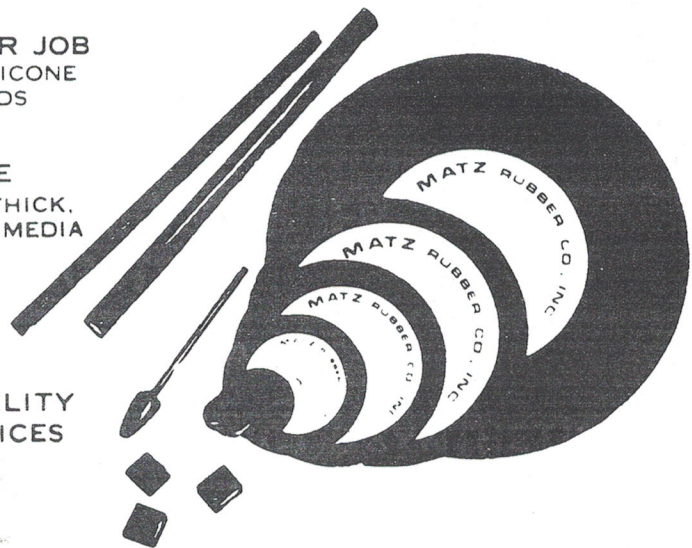
SELECT YOUR ABRASIVE FOR YOUR JOB
5 HARDNESSES. 17 GRIT-TEXTURES. SILICONE
CARBIDE ALOXIDE OR SPECIFIED BLENDS

ENGINEERED FOR INDUSTRIAL USE
WHEELS 3/8" TO 6" DIAM., 1/16 TO 2" THICK,
BLOCKS, POINTS, STICKS & TUMBLING MEDIA

ONE OF THE LARGEST
SELECTIONS AVAILABLE

WE STRIVE FOR QUALITY, DURABILITY
AND SERVICE AT REASONABLE PRICES

WE INVITE YOUR COMPARISON



SEND FOR OUR FREE CATALOG. DEPT. TR. 1209 WEST CHESTNUT ST. BURBANK, CA. 91506

MATZ RUBBER CO., INC. PHONE (213) 849-5170

FAX: (818) 840-8340

WE ALSO SPECIALIZE IN
QUALITY
CUSTOM MOLDED RUBBER
PRODUCTS

to your specifications

NEOPRENE, NATURAL, SILICONE, BUNA, EXOTIC SYNTHETICS, ETC.

"SERVICE IS NOT OUR MOTTO — IT'S OUR PLEDGE!"

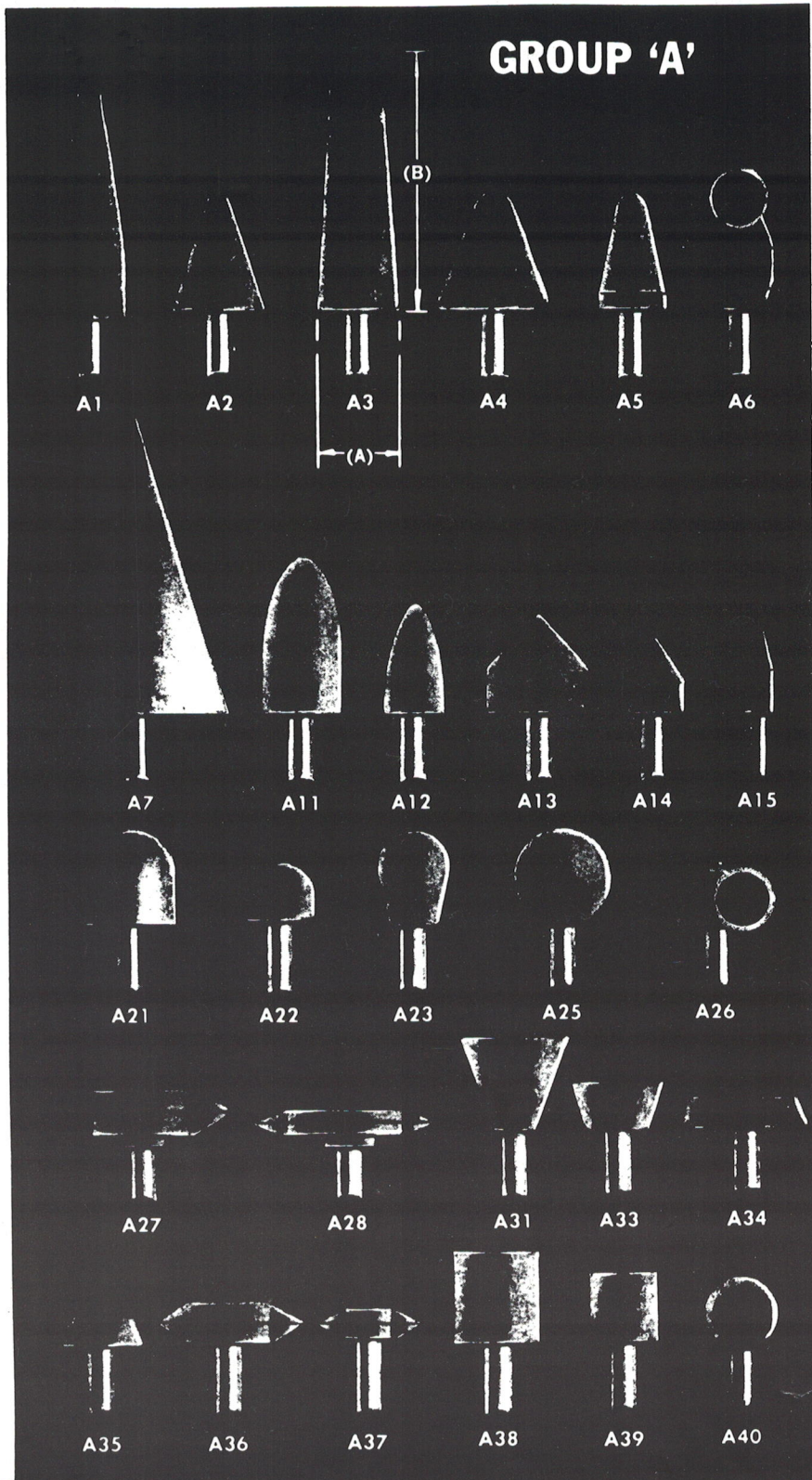


PROGRESS WITH A PURPOSE
a step ahead with the 'space age' ...

A Shape for Every Job! There is a need in EVERY INDUSTRY for our Rubber Bonded Abrasive. Years of experience with tool and die shops, aircraft, hydraulic and electronic manufacturers have resulted in the development of this NEW TYPE ABRASIVE to do finer and more effective work on standard metals and alloy type operations and to meet the required results on the newer metals, now in the field and those arriving.

By selecting the Proper Grit, Size and Hardness of this Engineered Rubber Bond, you will SAVE TIME and MONEY doing LIGHT GRINDING, BURRING and FINISHING on intricate parts and hard places to reach, in ONE OPERATION.

Custom shapes are available to your specifications.

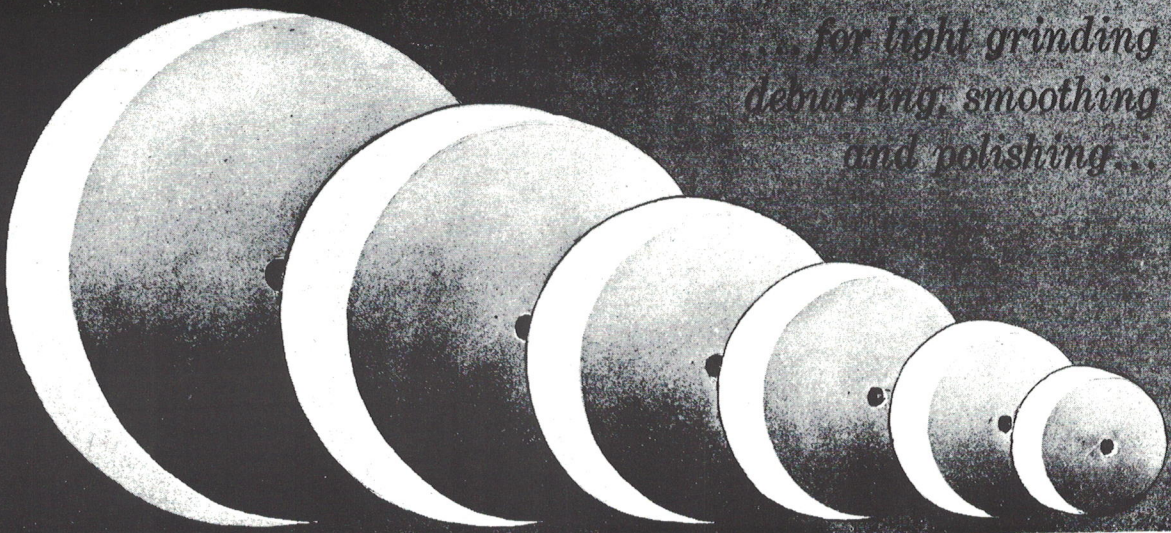


No.	(A) Width	(B) Length	No.	(A) Width	(B) Length	No.	(A) Width	(B) Length	No.	(A) Width	(B) Length
A1	3/4"	2-1/2"	A11	13/16"	1-3/4"	A23	3/4"	1"	A34	1-1/2"	3/8"
A2	1"	1-1/4"	A12	11/16"	1-1/4"	A25	1"	1"	A35	1"	3/8"
A3	7/8"	2-3/4"	A13	1-1/8"	1-1/8"	A26	5/8"	5/8"	A36	1-5/8"	3/8"
A4	1-1/4"	1-1/4"	A14	11/16"	7/8"	A27	2"	1/2"	A37	1-1/4"	1/4"
A5	3/4"	1-1/8"	A15	1/4"	1-1/16"	A28	2"	1/4"	A38	1"	1"
A6	3/4"	1-1/8"	A21	1"	1"	A31	1-3/8"	1"	A39	3/4"	3/4"
A7	2"	3"	A22	3/4"	5/8"	A33	1"	1/2"	A40	3/4"	3/4"

A15 on 1/8" mandrel
 All others 1/4" dia. mandrel

16-CH WHEELS - Large Sizes

*... for light grinding
deburring, smoothing
and polishing.*



DIAMETER	THICKNESS	ARBOR HOLE	PART NO.
2	1/8	1/4	221
	3/16	1/4	222
	1/4	1/4	223
	3/8	1/4	225
	1/2	1/4	226
	3/4	1/4	228
2½	1	1/4	229
	1/4	1/4	253
	3/8	1/4	255
	1/2	1/4	256
	3/4	1/4	258
	1/8	1/4	301
3	1/4	1/4	303
	3/8	1/4	305
	1/2	1/4	306
	3/4	1/2	308
	1	1/2	309
	1/8	1/2	401
4	1/4	1/2	403
	3/8	1/2	405
	1/2	1/2	406
	3/4	1/2	408
	1	1/2	409
	1/8	1/2	501
5	1/4	1/2	503
	3/8	1/2	505
	1/2	1/2	506
	3/4	1/2	508
	1	1/2	509
	1/8	1/2	601
6	1/4	1/2	603
	3/8	1/2	605
	1/2	1/2	606
	3/4	1/2	608
	1	1/2	609
	1/4	1/2	703
7	3/8	1/2	705
	1/2	1/2	706
	3/4	1/2	708
	1	1/2	709
8	1/4	1/2	803
	3/8	1/2	805
	1/2	1/2	806
	3/4	1/2	808
	1	1/2	809

WHY CH WHEELS? (COMMERCIAL HARD)

Standard Sizes from 2" diameter to 8" diameter. **NOTE:** Minimum width of 1/4" all sizes. Other sizes can be made if volume justifies production.

WHAT ADVANTAGE OVER REGULAR GRINDING WHEELS?

Outlasts ceramic or resinoid wheels approximately five to one on stainless and other hard-to-cut metals.

Will not load on copper, brass or aluminum.

Priced well below other high quality wheels used on such metals. The durability in a standard operation of grinding, polishing and deburring will astound you.

Samples on request — specify metal or material to be processed.

16-CH is our coarse, high stock removal wheel — very durable.

17-CH is lower stock removal, long lasting — very durable.

Add "16-CH or 17-CH" to regular part number for ordering.

For application on hard or soft metals, plastics, ceramics, glass and other materials.

Matz Chemical Rubber is scientifically compounded — blended with electrically fused abrasive particles and other selected materials, while still in a semi-fluid state, it is molded under 3,000 lbs. per square inch pressure into wheels, blocks, sticks and cones; then tempered and seasoned to reach a firm, tough, yet resilient texture.

The abrasives in this product are evenly distributed to ensure even wear — new abrasive particles being constantly and uniformly exposed. It is, therefore, much more versatile than either a grind or a buff — in many instances, it can complete the BURNING, FINISHING AND POLISHING IN ONE OPERATION — eliminating finishing with set-up wheels — cutting work time and increasing production. It may safely be used where close tolerances must be held.

In silicon carbide grit, Matz Wheels are made:

Coarse - Medium - Fine - Extra Fine
"C" "M" "F" "XF"

All wheels are made in three types of bond hardness:
Soft - Regular - Hard.

In aluminum oxide grit, Matz Wheels are stocked:
Mesh - 46 - 80 - 120 - 220.

If other size grit is desired, we will be glad to meet your specifications.

ST WHEELS (SUPER TUFF)

Standard Sizes available from 3/8" diameter to 2-1/2" diameter. **NOTE:** Other sizes can be made if volume justifies production.

WHAT MAKES THE DIFFERENCE?

The method of manufacturing is such that the recipe and the process used creates a much more durable product. We feel that this product will outlast the regular bond rubber wheels on the market now, an average of five times as long. Because this wheel is so durable, it requires a much softer touch which results in a more even textured finish. The less down time, because of durability on our product, creates a time saving factor. Time is money. To order, add "ST" to part numbers. Samples on request — specify size and grit.

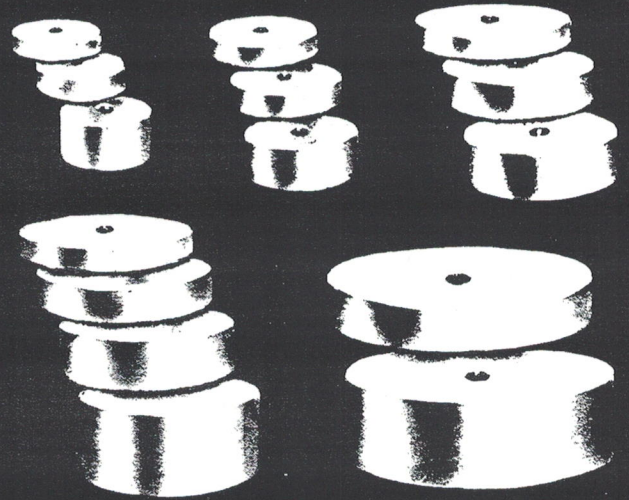
TYPICAL APPLICATIONS

The removal of light burrs and sharp edges from die stampings and sheared or punched pieces are typical applications. It is suitable for securing a slight radius wherever required — such as on gun parts and gears. **These rubberized abrasives are used extensively on aluminum, brass, bronze, copper, nickel, steel, stainless steel, cast iron and other iron alloys — also on gold, silver and various grades of gemstones, doing finishing work in one operation which normally required three or four.**

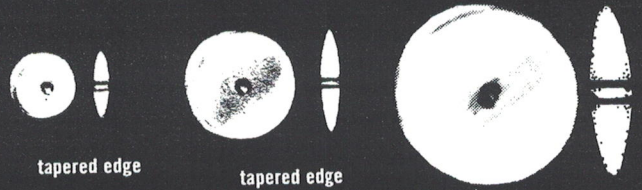
MATZ RUBBER ABRASIVES give SUPERIOR RESULTS on all metals, synthetic and natural materials requiring the following:

- Combined burring, polishing and finishing of parts.
- Smoothing and polishing molds, dies & castings.
- Remove heatmarks, scale, excess solder, toolmarks, scratches and light burrs.
- Smoothing the edges of punched or sheared units.
- Polishing contact points and sensitive electronic parts.
- Burring and finishing intricate grooves, edges and holes.
- Blending welded seams, polishing out flat spots and shaping slight radii.
- Sanding gem stones.
- Many uses in manufacturing of dental appliances.

STRAIGHT WHEELS Small Sizes



SHAPED WHEELS and POINTS—Small Sizes



STRAIGHT WHEELS (small sizes)

DIAMETER	THICKNESS	ARBOR HOLE	PART NO
1/2	1/16	1/16	0801
	1/8	1/16	0802
	1/4	1/16	0804
5/8	3/32	1/16	1000
	1/8	1/16	1002
	1/4	1/16	1004
7/8	1/8	1/16	1402
	3/16	1/16	1403
	1/4	1/16	1404
1	1/16	1/16	1600
	1/8	1/16	1602
	3/16	1/16	1604
	1/4	1/8	1603
1 1/2	1/16	1/16	150
	1/8	1/8	151
	3/16	1/4	154
	1/4	1/4	153
	3/8	1/4	155
	1/2	1/4	156

SHAPED WHEELS (tapered edges)

DIAMETER	THICKNESS	ARBOR HOLE	PART NO
3/8	3/32	1/16	10
5/8	3/32	1/16	20
1"	1/8	1/16	30

Safety Factors

**MAXIMUM SAFE OPERATING SPEEDS
MAXIMUM SPEED ANY MATZ PRODUCTS 24,000 RPM**

WHEEL DIAMETER	R.P.M.	WHEEL DIAMETER	R.P.M.
7/8"	24,000	2-1/2"	8,300
15/16"	22,600	3"	7,000
1"	20,000	4"	5,250
1-1/2"	15,000	5"	4,250
2"	10,500	6"	3,500
		8"	2,600
		10"	2,100
		12"	1,700

*Speed of Cutting
and Surface Finish
of Parts*

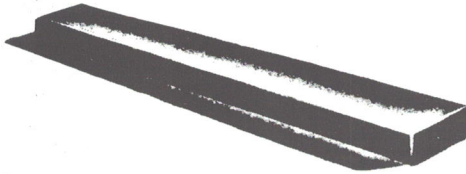
DEPEND ON FOLLOWING: Size of grit and hardness of bond. Coarse grit - hard bond . . . gives fast cutting, rougher finish. Medium size grit - regular bond . . . gives slower cutting, finer finish. Fine grit - soft bond . . . slower cutting, extra fine microfinish.

MATZ**PENCILS, STICKS and BLOCKS**

Matz Rubber Bonded Abrasive items listed on this page are specially designed for those hard-to-reach places that so often confound tool and die makers, they are ideal for taking edges off deep cavities and for deburring and polishing.

Pencils

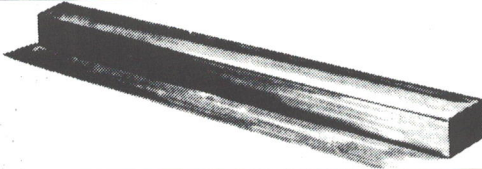
LENGTH	CROSS SECTION	PART NO.
6	1/8	P-03
	3/16	P-36
	1/4	P-04
	5/16	P-56
	3/8	P-06
	1/2	P-08
	5/8	P-10
	3/4	P-12
	1	P-16

Rectangular Sticks

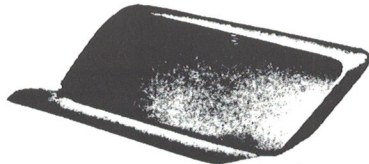
3	Oblong	
	1 x 1/4	B1125
4	2 x 3/8	B2375
6	1 x 1/4	R-04
	1 x 3/8	R-06
	1 x 1/2	R-08
	1 x 1	R-16
8	1 x 1/2	08804

Triangular Sticks

6	3/8 x 3/8	T-06
	1/2 x 1/2 x 1/2	T-08
	3/4 x 3/4 x 3/4	T-12
	1 x 1 x 1	T-16

Square Sticks

6	1/4 x 1/4	S-04
	1/2 x 1/2	S-08
	3/4 x 3/4	S-12
	1 x 1	S-16

Blocks

2 1/4	1-1/8 x 3/8 1-1/8 x 3/4	B-2406 B-2412
3 1/4	2 x 3/4	B-3412

MATZ M-228 BELT CLEANER

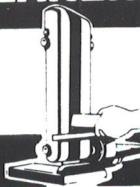
will increase:

- PRODUCTION EFFICIENCY
- CUTTING LIFE OF ABRASIVE BELTS UP TO 500%
- QUALITY OF CUT AND UNIFORMITY OF FINISH
- YOUR PROFITS

PRECISION-ENGINEERED RUBBER BONDED ABRASIVES
SILICONE AND OTHER CUSTOM-MADE RUBBER PRODUCTS

MATZ RUBBER CO. 1112 C. West Chestnut St. Burbank, CA 91506
(213) 849-5566 MADE IN AMERICA (213) 849-5170

8" x 2" x 2"

**MATZ M-2212 BELT CLEANER**

will increase:

- PRODUCTION EFFICIENCY
- CUTTING LIFE OF ABRASIVE BELTS UP TO 500%
- QUALITY OF CUT AND UNIFORMITY OF FINISH
- YOUR PROFITS

PRECISION-ENGINEERED RUBBER BONDED ABRASIVES
SILICONE AND OTHER CUSTOM-MADE RUBBER PRODUCTS

MATZ RUBBER CO. 1112 C. West Chestnut St. Burbank, CA 91506
(213) 849-5566 MADE IN AMERICA (213) 849-5170

12" x 2" x 2"



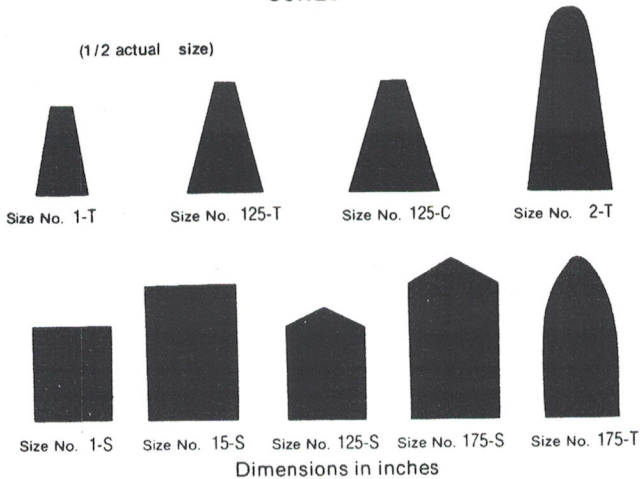
In aluminum oxide grit, items listed above are stocked:

mesh-46-80-120-220. If other size grit is desired, we will be glad to meet your specifications.

In silicone carbide grit, these items are stocked: 'C' (Coarse) 'M' (Medium) 'F' (Fine) 'XF' (Extra Fine).

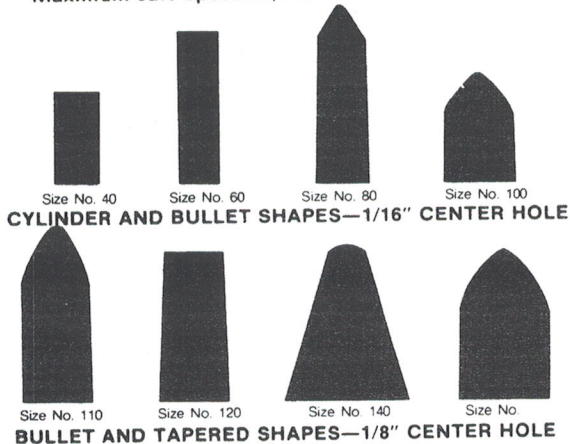
All are made in three types of bond hardness.
Soft - Regular - Hard

CONES



Shape	Length	Diameter	Arbor Hole	Part No.
Tapered	1	5/8 to 1/4	1/8	1-T
Tapered	1-1/4	7/8 to 1/4	1/4	125-T
Tapered	1-1/4	1 to 1/4	1/4	125-C
Tapered	2	1 to 1/2	1/4	2-T
Cylinder	1	7/8	1/4	1-S
Cylinder	1-1/2	1	1/4	15-S
Pointed	1-1/4	7/8	1/4	125-S
Pointed	1-3/4	1	1/4	175-S
Bullet	1-3/4	7/8	1/4	175-T

Maximum Safe Speed 20,000 Revolutions Per Minute.



Points Dimensions in inches

Shape	Length	Diameter	Arbor Hole	Part No.
Cylinder	1/2	1/4	1/16	40
Cylinder	7/8	1/4	1/16	60
Bullet	1	9/32	1/16	80
Bullet	5/8	3/8	1/16	100
Use above only with MATZ Point Mandrels No. M-1051 and No. M410				
Bullet	1	3/8	1/8	110
Tapered	7/8	3/8 to 5/16	1/8	120
Tapered	7/8	5/8 to 1/8	1/8	140
Bullet	7/8	1/2	1/8	

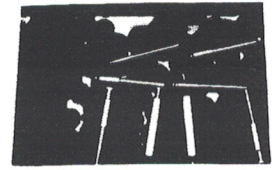
Use above only with MATZ Point Mandrels No. M-611 and No. M-931



K9 KIT

CONTENTS OF KIT 9

- 4 Mounted Points.....No. A-15
- 4 Mounted Points.....No. A-26
- 4 Mounted Points.....No. B-52
- 4 Mounted Points.....No. B-121
- 4 Mounted Points.....No. B-122
- 4 Mounted Points.....No. B-123
- 4 Mounted Points.....No. W-144
- 4 Mounted Points.....No. W-146
- 4 Mounted Points.....No. W-154



K10 KIT

CONTENTS OF KIT 10

- 16 ST Wheels.....No. 0801-ST
- 16 ST Wheels.....No. 0802-ST
- 16 ST Wheels.....No. 0804-ST
- 16 ST Wheels.....No. 1000-ST
- 16 ST Wheels.....No. 1002-ST
- 16 ST Wheels.....No. 1004-ST
- 8 ST Wheels.....No. 1600-ST
- 8 ST Wheels.....No. 1602-ST
- 8 ST Wheels.....No. 150-ST
- 2 Wheel Mandrel.No. M-2501
- 2 Wheel Mandrel.No. M-310
- 2 Wheel Mandrel.No. M-511
- 1 Wheel Mandrel.No. M-831

MANDRELS

DIAMETER IN INCHES
SHANK FOR HOLE

NO. M-1051		3/32	1/16
NO. M-2501		3/32	1/16
NO. M-310		1/8	1/16
NO. M-410		1/8	1/16
NO. M-511		1/8	1/8
NO. M-611		1/8	1/8
NO. M-831		1/4	1/8
NO. M-931		1/4	1/8
NO. M-1033		1/4	1/4
NO. M-1133		1/4	1/4

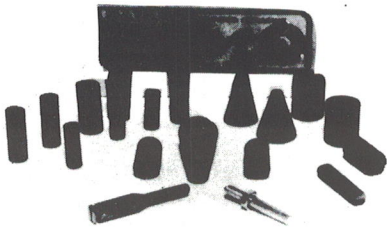
MATZ

RUBBERIZED ABRASIVE

MANUFACTURERS OF A FULL LINE OF RUBBER BONDED ABRASIVES

C (Coarse Texture) Dark Green • F (Fine Texture) Red • M (Medium Texture) Brown • X F (Extra Fine) Blue

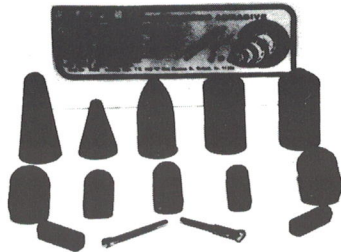
MATZ ASSORTED GRIT TEXTURES - C - M - F - XF



K1 KIT

CONTENTS OF KIT 1

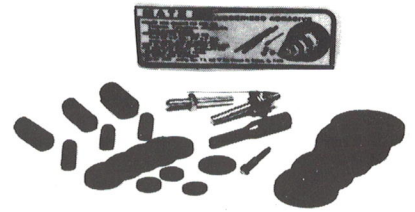
- 8 Cylinder Points No. 40
- 8 Cylinder Points No. 60
- 8 Bullet Points No. 80
- 8 Bullet Points No. 100
- 8 Bullet Points No. 110
- 8 Tapered Points No. 120
- 8 Tapered Points No. 140
- 8 Bullet Points No. 160
- 2 Point Mandrels No. M410
- 2 Point Mandrels No. M611



K2 KIT

CONTENTS OF KIT 2

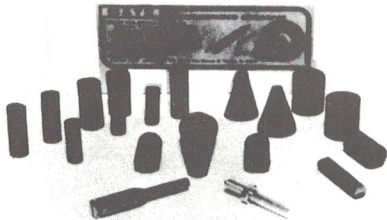
- 2 Tapered Cones No. 1-T
- 2 Tapered Cones No. 125-T
- 2 Tapered Cones No. 125-C
- 2 Tapered Cones No. 2-T
- 2 Cylinder Cones No. 1-S
- 2 Cylinder Cones No. 15-S
- 2 Pointed Cones No. 125-S
- 2 Pointed Cones No. 175-S
- 2 Bullet Cones No. 175-T
- 2 Cone Mandrels No. M-1033



K3 KIT

CONTENTS OF KIT 3

- 8 Tapered Edge Wheels No. 20
- 8 Straight Wheels No. 0802
- 16 Straight Wheels No. 1402
- 8 Straight Wheels No. 1602
- 16 Cylinder Points No. 60
- 16 Bullet Points No. 80
- 8 Bullet Points No. 100
- 2 Wheel Mandrels No. M-310
- 2 Wheel Mandrels No. M-410



K4 KIT

CONTENTS OF KIT 4

- 8 Bullet Points No. 80
- 8 Bullet Points No. 100
- 8 Bullet Points No. 110
- 8 Tapered Points No. 140
- 8 Bullet Points No. 160
- 2 Point Mandrels No. M-410
- 2 Point Mandrels No. M-611



K5 KIT

CONTENTS OF KIT 5

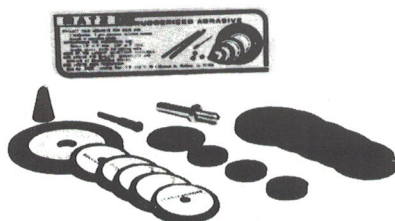
- 4 Oblong Blocks No. R-06
- 4 Round Sticks No. P-08
- 4 Tapered Cones No. 125-T
- 4 Cylinder Cones No. 1-S
- 4 Straight Wheels No. 223
- 1 Cone Mandrel No. M-1033
- 1 Wheel Mandrel No. M-1133



K6 KIT

CONTENTS OF KIT 6

- 4 Oblong Blocks No. R-06
- 4 Square Blocks No. S-08
- 4 Round Sticks No. P-06
- 4 Round Sticks No. P-08



K7 KIT

CONTENTS OF KIT 7

- 21 Wheels No. 1402
- 12 Wheels No. 1000
- 9 Tapered Edge Wheels No. 20
- 3 Bullet Points No. 80
- 3 Wheel Mandrels No. M310
- 1 Point Mandrel No. M410

TOOL ROOM ASSORTMENT

K8 KIT

TOOL ROOM ASSORTMENT KIT 8

- 200 Tapered Wheels No. 20
- 200 Straight Wheels No. 1000
- 100 Straight Wheels No. 1402
- 100 Cylinder Points No. 60
- 100 Bullet Points No. 80
- 24 Point Mandrels No. M-1051
- 24 Wheel Mandrels No. M-2501
- 24 Wheel Mandrels No. M-310
- 24 Point Mandrels No. M-410

