

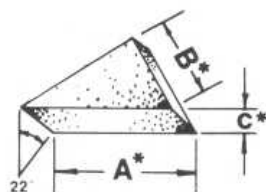
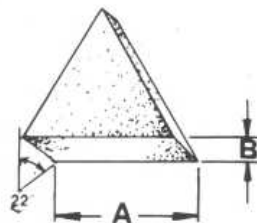
FORTUNE



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Fortune Preformed Ceramic Media

N	SIZE IN INCHES			SIZE IN MILLIMETERS		
	A	B	C	A	B	C
	1 7/8	5/8		47.6	16	
	1 1/2	1/2		38	12.7	
●	1 3/8	7/16		35	11	
	1 1/8	1		28.6	25.4	
●	1 1/8	3/8		28.6	9.5	
	15/16	3/4	3/8	24	19	9.5
	7/8	7/8		22.2	22.2	
	7/8	3/8		22.2	9.5	
	7/8	1/4		22.2	6.4	
●	5/8	5/8		16	16	
	5/8	1/2	5/16	16	12.7	7.9
	5/8	1/4		16	6.4	
	5/8	3/16		16	4.8	
●	3/8	3/8		9.5	9.5	
	3/8	1/4		9.5	6.4	
	3/8	3/16		9.5	4.8	



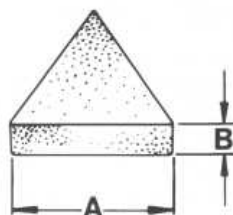
22° Angle Cut Tristars

FORTUNE ANGLE CUT TRISTARS have the basic capabilities of a triangle, along with sharp points for reaching into remote areas. A universal application media that can deburr hard to get at areas, such as gear teeth, slots or sharp corners.

22° Angle Cut Cylinders

FORTUNE 22° ANGLE CUT CYLINDERS are designed to improve finishing efficiency and results. The cylindrical shape provides a flowing action maximizing results. Best for use on concave surfaces, rounded reas and holes. A durable shape for use on a wide variety of parts.

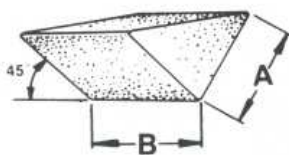
N	SIZE IN INCHES		SIZE IN MILLIMETERS	
	A	B	A	B
	2	1	50.5	25.4
	2	2	50.8	50.8
●	1/4	1/4	6.4	6.4
	3/16	3/16	4.8	4.8
	3/16	1/2	4.8	12.7



45° Angle Cut Cylinders

FORTUNE 45° ANGLE CUT CYLINDERS reach recesses, holes and remote crevices with even greater penetration than the 22° angle cut cylinders. Uniform shape is maintained throughout usage.

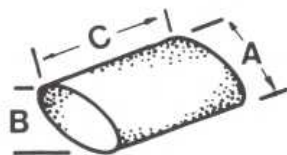
SIZE IN INCHES		SIZE IN MILLIMETERS	
A	B	A	B
7/8	7/8	22.2	22.2
5/8	5/8	16	16



Tri-Cyls

FORTUNE TRI-CYLS are a new and versatile shape suitable for use on a wide variety of surfaces. They have a cylindrical surface that mates well with concave surfaces, plus two flat surfaces that perform well on convex surfaces. TRI-CYLS combine strong points of triangles and cylinders, to penetrate into corners, slots and angles.

SIZE IN INCHES		SIZE IN MILLIMETERS		
A	B	A	B	C
1 x 7/16	1	26	11	26
3/4	3/8 x 1	19	9.5	26
9/16	1/4 x 7/8	14.3	6.4	22.2
7/16	3/16 x 5/8	11	4.8	16
5/16	3/16 x 1/2	7.9	4.8	12.7



Spheres

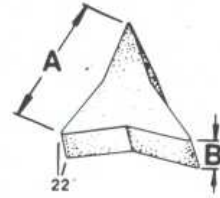
FORTUNE SPHERES have a smooth rolling action enabling them to easily roll around and through parts to produce a cleaning and blending action. Will not nick or scratch parts. Spheres give good contact in rounded areas.

Microbrite

A very hard and dense media. For burnishing and polishing. Excellent flowing action. Must be broken in to achieve best results.

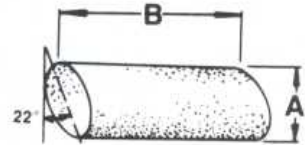
22° ANGLE CUT TRISTARS

	AH-41	AX-65	AX-90	SIZE IN INCHES		SIZE IN MILLIMETERS	
				A	B	A	B
			●	1 7/8	5/8	47.6	16
			●	1 3/8	7/16	35	11
	●		●	1 1/8	3/8	28.6	9.5
		●	●	7/16	5/16	22.2	7.9
		●	●	5/8	1/4	16	6.4



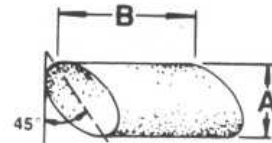
22° ANGLE CUT CYLINDERS

33	H-33	AH-41	AX-44	CS-46	AX-65	AX-90	N	SIZE IN INCHES		SIZE IN MILLIMETERS	
								A	B	A	B
					●			1 1/8	1 3/4	28.6	44.5
			●		●	●		7/8	1 3/4	22.2	44.5
		●			●	●		5/8	1 1/2	16	38
					●	●		7/16	7/8	11	22.2
					●	●		5/16	5/8	7.9	16
				●		●		3/16	3/8	4.8	9.5



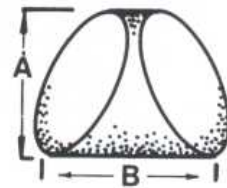
45° ANGLE CUT CYLINDERS

33	AH-41	AX-65	AX-90	SIZE IN INCHES		SIZE IN MILLIMETERS	
				A	B	A	B
		●	●	5/8	3/4	16	19
		●	●	1/2	5/8	12.7	16
	●		●	3/8	5/8	9.5	16
		●	●	5/16	5/8	7.9	16
		●	●	1/4	5/8	6.4	16



TRI-CYLS

	AX-65	AX-90	N	SIZE IN INCHES		SIZE IN MILLIMETERS	
				DIAMETER	DIAMETER	DIAMETER	DIAMETER
	●	●		1 1/2	1 1/2	38	38
	●	●		5/8	5/8	16	16
		●	●	3/8	3/8	9.5	9.5



SPHERES

	AX-99	SIZE IN INCHES		SIZE IN MILLIMETERS	
		DIAMETER	DIAMETER	DIAMETER	DIAMETER
	●	13/16		20.6	
	●	11/16		17.5	
	●	9/16		14.4	
	●	7/16		11	
	●	11/32		8.7	
	●	9/32		7	
	●	7/32		5.5	
	●	11/64		4.4	



MICROBRITE

3, 4, 6, 9

Description of Compositions

STANDARD COMPOSITIONS

AX-44 A very hard, long lasting composition used for light deburring and fine finishing. AX-44 is used quite successfully in vibrators, as it retains its sharp edges and points for a long time. It gives the parts a clean and bright finish. Also, AX-44 can be used as a carrier for abrasive compounds. Bulk weight is 85 to 90 pounds per cubic foot.

AX-90 A highly versatile composition having good cutting action and long wear life. Available in a wide variety of shapes and sizes. AX-90 will work in a wide variety of deburring, de-flashing and radiusing applications. It will also do an excellent burnishing job. Can be used in all types of equipment. Bulk weight is 85 to 90 pounds per cubic foot.

AX-65 A fast cutting composition fitting between AX-90 and the ultra-fast cutting compositions. It provides a higher rate of metal removal than AX-90, with only a slightly higher media loss. AX-65 is recommended for obtaining short time cycles on medium and heavy burrs and will leave parts with a clean semi-matte finish. AX-65 gives excellent results in vibratory finishing equipment. Bulk weight is 85 to 90 pounds per cubic foot.

AH-41 The most aggressive cutting media available. It gives great amounts of cutdown in short time cycles and still retains good wear characteristics. AH-41 leaves parts with a matte finish, but with proper compounding, the parts will be clean and free of oxide impregnation. Recommended for all heavy deburring operations. Bulk weight is 95 to 100 pounds per cubic foot.

SPECIALTY COMPOSITIONS

C A silicon carbide based composition containing no aluminum oxide. Combines a medium cutting action with long life. Recommended for parts having no oxide impregnation, especially where parts are welded, brazed or soldered. Produces a clean finish on all parts. Bulk weight is 90 to 95 pounds per cubic foot.

CS-46 A fast cutting composition that is silicon carbide based. Contains no aluminum oxide. Recommended for parts having no oxide impregnation, especially where parts are welded, brazed or soldered. Gives parts a matte finish. Bulk weight is 90 to 95 pounds per cubic foot.

SJ Available in spherical shapes only. An aggressive cutting action. Good for general to heavy deburring, producing short time cycles. Bulk weight is 95 to 100 pounds per cubic foot.

HIGH DENSITY COMPOSITIONS

H-33 A medium cut, long life composition well suited for high energy equipment. Will develop smooth and bright finishes. A bauxite based formula containing no fused aluminum oxide. Bulk weight is 110 to 115 pounds per cubic foot.

F-33 A general purpose high density composition having good wear life. F-33 is a very durable and fracture resistant composition able to stand up to pressures generated in large vibrators and high energy equipment. The greater weight per cubic foot of the high density composition allows faster radius and deburring of parts than standard compositions. Bulk weight is 110 to 115 pounds per cubic foot.

SP-3 Combines the fast cutting qualities of AX-65 with the high density and fracture resistance of F-33. Its greater weight gives it an excellent cutting force, increasing with load size. Able to develop low micro finishes on hard metal parts. Bulk weight is 110 to 115 pounds per cubic foot.

F-36 The fastest cutting of the high density compositions. Combines short time cycle with low micro finishes. Bulk weight is 110 to 115 pounds per cubic foot.

N A non-abrasive, high density media used for burnishing and brightening metal parts. Very long lasting. Requires a break-in period to develop best finishes. Good for chemically accelerated processes. Bulk weight is 115 to 120 pounds per cubic foot.



CUTTING AND DEBURRING CHARACTERISTICS

	MILD	FAST	FASTER	FASTEST
Preformed Media Composition	N	AX-44 AX-90 C	SP-3 AX-65 F-33 CS-46 H-33	AH-41

FINISHING CHARACTERISTICS

	GOOD	BETTER	BEST
Preformed Media Composition	SP-3 AH-41 CS-46	AX-65 F-33 AX-90 H-33 C	AX-44 N

Random Shaped

• = Stock Items
na = Not Available

FORTUNE XA

(Random shape, aluminum oxide abrasive)

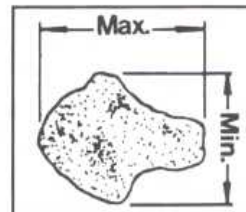
Fortune XA is a fast-cutting media for use in the general finishing of ferrous metals, plastics and rubber. It combines good cut with long life, and deburrs and finishes in one operation. Recommended for parts where lodging problem is not critical. XA (gray, 130-140 pounds per cubic foot).

FORTUNE XB

(Extra tough, random-shaped aluminum oxide abrasive)

Designed for the finishing and burnishing of ferrous and non-ferrous metals. It's a unique "coloring" abrasive, extremely durable, which makes it ideal for light burr removal, radius formation and surface refinements. Imparts high luster finishes on practically all types of metals. Close sizing minimizes wedging in work pieces. XB (brown, 130-140 pounds per cubic foot).

	RANDOM		SIZE IN INCHES	SIZE IN MILLIMETERS
	XA	XB	Min. & Max.	Min. & Max.
00	•	na	1 1/2 to 2	38 to 50.8
0	•	na	1 1/8 to 1 1/4	28.6 to 38
1	•	na	7/8 to 1 1/8	22.2 to 28.6
1 1/2	•	na	11/16 to 7/8	17.5 to 22.2
2	•	•	9/16 to 3/4	14.3 to 19
2 1/2	•	•	1/2 to 9/16	12.7 to 14.3
3	•	•	3/8 to 1/2	9.5 to 12.7
3 1/2	•	•	5/16 to 3/8	7.9 to 9.5
4	•	•	7/32 to 5/16	5.5 to 7.9
5	•	•	3/16 to 1/4	4.8 to 6.4
6	•	•	1/8 to 3/16	3.2 to 4.8
8	•	na	3/32 to 1/8	2.4 to 3.2
	•	na	Individual Grit Sizes	
			10 to 24	



Made-To-Order Media

Media engineered to the customer's exact requirements is available on a made-to-order basis. Minimum order is 500 pounds. Orders of 5,000 pounds or more are priced the same as stock items in like categories; with a nominal increase in price for orders under 5,000 pounds.

SHIPPING SPECIFICATIONS

All prices are per pound.
All shipments are in 50 pound cardboard containers. All shipments are FOB shipping point.
Pallet Charge—there is a non-refundable pallet charge for all shipments requiring one or more pallets.
Minimum Purchase—50 pounds for stock items, and 500 pounds for made-to-order items.
Stock items may be combined to obtain quantity pricing. Made-to-order items are priced at quantity ordered only. If stock and made-to-order items are combined, the stock items will receive the total quantity pricing, but the made-to-order items will be at the individual quantity price.

PROCESS ENGINEERING ASSISTANCE

Our process engineering department is fully equipped to help you find the most efficient and economical way to solve your finishing problems. We have a wide variety of tumbling and vibrating machines in our laboratory enabling our engineering staff to determine the best process and media for your particular situation. To take advantage of this free service, just send us samples of your unfinished parts. We'll study your finishing requirements and run tests to determine the best shape, size, composition, and compound for your finishing operation. Consultation is also available to you in the installation of complete finishing systems. There is no charge for either service.

BURR BENCH

Abrasive Finishing also manufactures the Burr Bench vibratory finishing equipment. Burr Bench is the first portable deburring machine. It is economically priced, and provides quiet and efficient finishing of your parts. Heavy duty construction and design give you a long life of dependable performance. Available in 3/4 cu. ft., 2 1/2 cu. ft., and 5 cu. ft. capacities. See your local dealer for further information or call 734-475-9111.



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