



SINCE 1972 IATF 16949:2016 ISO-9001:2015

BALLS



Eclipse

Round balls with slight flattening at the poles*. Available in sizes from 3/32" - 3/16".

*Precise roundness is not required for the majority of steel media finishing applications. Thus, two small flat spots at opposite poles are not objectionable. Pole-flattened balls are less expensive to manufacture and customers benefit from these economies through lower prices.

** All decimal dimensions are approximately ± .010, with the exception that length of pins and diagonals are ± .020.



Abco

Round balls without flats for more critical finishing requirements.

CONES

Center flange and tapered crowns provide contact angles and on curved surfaces. Small sizes are ideal for ornamental designs.



Order Size	Dimensions	
	A	B
3/16"	.155"	.200"
5/16"	.265"	.315"
1/2"	.470"	.535"

PINS

Tapering to pointed ends, pins reach into recesses and grooves, deflash through-holes and clean threaded areas.



Slim (S)

(inches)

-
3/64" x 1/2"
1/16" x 9/32"
1/16" x 1/2"



Taper (T)

(inches)

3/32" x 3/8"
1/8" x 3/8"
1/8" x 1/2"
5/32" x 1/2"

OVALBALLS

This shape introduces an oscillating motion to the finishing mass and provides more surface-to-surface contact than balls.



Order Size	Dimensions	
	A	B
1/8"	.245"	.125"
5/32"	.320"	.156"
3/16"	.380"	.187"
5/16"	.535"	.312"



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BALLCONES

This design combines the burnishing abilities of balls and cones into one scientifically proportioned shape.

Order Size	Dimensions	
	A	B
1/8"	.125"	.170"
5/32"	.215"	.270"
3/16"	.270"	.300"
1/4"	.320"	.400"
5/16"	.375"	.465"



DIAGONALS

Beveled edges of diagonally-cut ends provide effective finishing action in corners. Cylindrical body offers wide area contacts.

Order Size	Dimensions		
	A	B	C
1/8"	.125"	.125"	.225"
5/32"	.156"	.156"	.275"
3/16"	.187"	.187"	.325"
7/32"	.218"	.218"	.380"
1/4"	.250"	.250"	.445"
5/16"	.312"	.312"	.545"
3/8"	.375"	.375"	.655"



ABCUT

Patented abrasive surface puts teeth into finishing for fast, heavy deburring, burnishing and material removal. Available in three standard sizes.



Length	Dimensions	
	Diameter	
1/8" x 1/2"	.130	-.136"
5/32" x 7/8"	.167	-.173"
7/32" x 7/8"	.228	-.239"

Stainless Steel Available

Where complete freedom from rust is essential, we recommend 300 Series stainless steels. Most of these shapes are available in this corrosion-resistant material.

Let our lab determine the proper media for your parts