

Steel Media Specifications

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 $\pm .010$, with the exception that length of pins and diagonals are $\pm .020$.

Abco

Round balls without flats for more critical finishing requirements.

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"



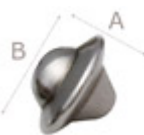
Taper (T)

(inches)

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

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"

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"

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"

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.



Dimensions

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

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

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