

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.

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" |

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.



| Dimensions | |
|--------------|-------------|
| Length | 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