

## Sizes, Shapes and Materials

**Round** — Spherical shape ball product manufactured to the nominal diameter dimension. Usually specified for critical applications.

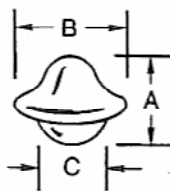
**With Flats** — Ball product with 1 or 2 noticeable flats to preclude their use as bearing balls. The most common ball type media used.

**Balcones** — very popular for vibratory finishing applications requiring aggressive action. See *dimensional specifications table for configuration*.

**Diagonals** — particularly suited to odd shapes where lodging might be a problem or parts with hard to reach angles. See *dimensional specifications table for configuration*.

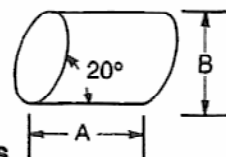
| Size   | Low Carbon, Case Hardened |               |           | Stainless — Type 302<br>Burnishing |               |           |
|--------|---------------------------|---------------|-----------|------------------------------------|---------------|-----------|
|        | Balls Round               | Balls w/Flats | Diagonals | Balls Round                        | Balls w/Flats | Diagonals |
| 3/32"  | ●                         | ●             | ●         | ●                                  | ●             | ●         |
| 1/8"   | ●                         | ●             | ●         | ●                                  | ●             | ●         |
| 5/32"  | ●                         | ●             | ●         | ●                                  | ●             | ●         |
| 3/16"  | ●                         | ●             | ●         | ●                                  | ●             | ●         |
| 7/32"  | ●                         | ●             |           | ●                                  | ●             | ●         |
| 1/4"   | ●                         | ●             | ●         | ●                                  | ●             | ●         |
| 9/32"  | ●                         | ●             |           |                                    |               |           |
| 5/16"  | ●                         | ●             | ●         |                                    |               |           |
| 11/32" | ●                         | ●             |           |                                    |               |           |
| 3/8"   | ●                         | ●             |           |                                    |               |           |
| 13/32" | ●                         | ●             |           |                                    |               |           |
| 7/16"  | ●                         | ●             |           |                                    |               |           |
| 1/2"   | ●                         | ●             |           |                                    |               |           |
| 9/16"  | ●                         | ●             |           |                                    |               |           |
| 5/8"   | ●                         | ●             |           |                                    |               |           |

Additional sizes available upon request.



**Balcones**  
(Order by Size)

| Dimensions | A    | B    | C    |
|------------|------|------|------|
| 3/32"      |      |      |      |
| 1/8"       | .125 | .170 | .110 |
| 5/32"      | .215 | .270 | .155 |
| 3/16"      | .280 | .300 | .205 |
| 1/4"       | .310 | .400 | .240 |
| 5/16"      | .385 | .465 | .275 |



**Diagonals**  
(Order by Size)

| Dimensions | A      | B      |
|------------|--------|--------|
| 3/32"      | .09375 | .09375 |
| 1/8"       | .1250  | .1250  |
| 5/32"      | .15625 | .15625 |
| 3/16"      | .1875  | .1875  |
| 1/4"       | .250   | .250   |
| 5/16"      | .3125  | .3125  |

Additional sizes available upon request.

### Balcone and Diagonal Dimensional Specifications

When ordering balcones and diagonals, please refer to the table shown here to insure that the proper nomenclature is used.

Nominal sizes are shown.

Maximum deviation from nominal dimension  $\pm .010"$ .