

Products > Balls & Hemispheres > Drilled Balls

Drilled Balls In Sapphire, Ruby, Ceramic and Fused Silica

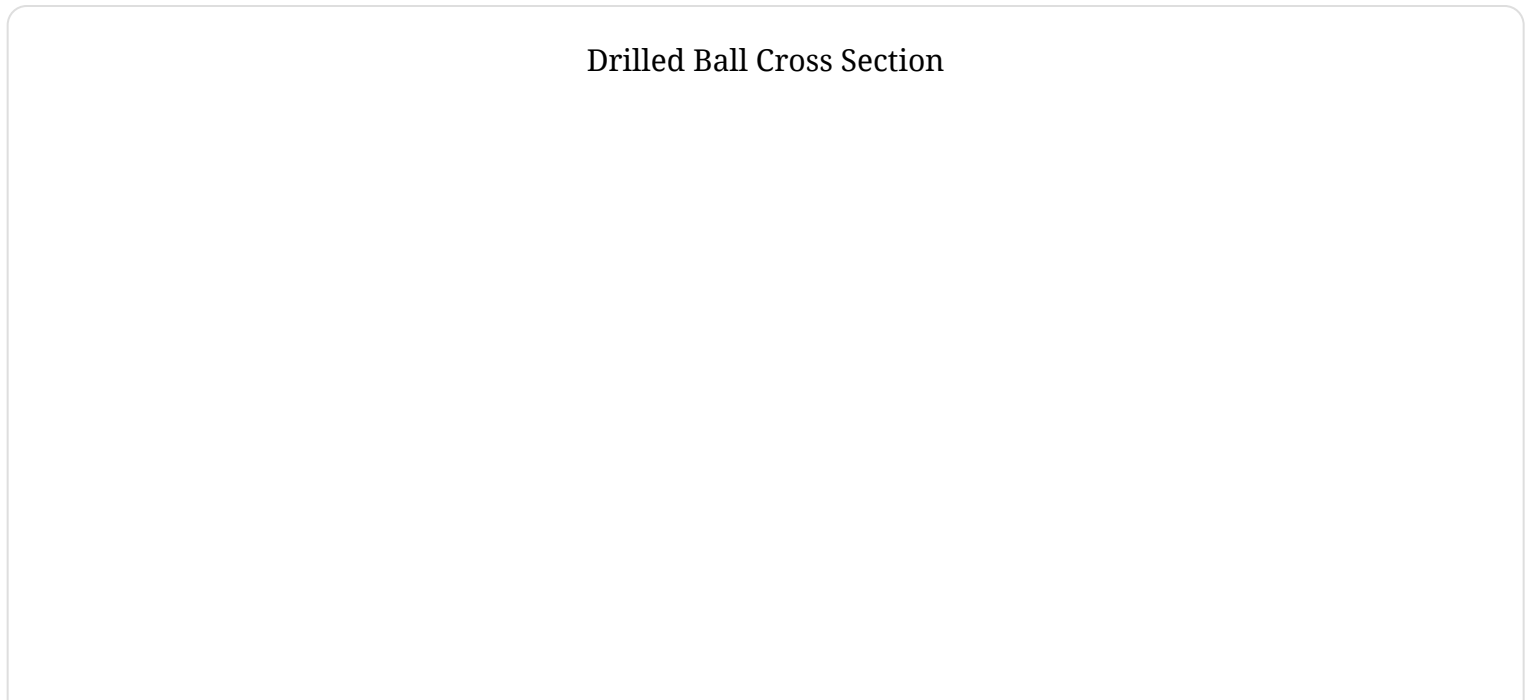
We can supply any of our precision drilled balls with drilled holes, which provides an excellent way to mount the drilled ball in an instrument. ID tolerances down to .0008" drilled entirely through the ball or depth controlled. While we list two sizes, we have many different combinations of drilled balls available for quick delivery in Sapphire, Ruby, Ceramic and Silicon Nitride materials.

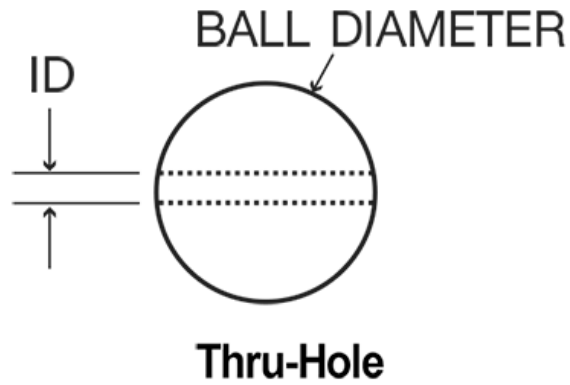
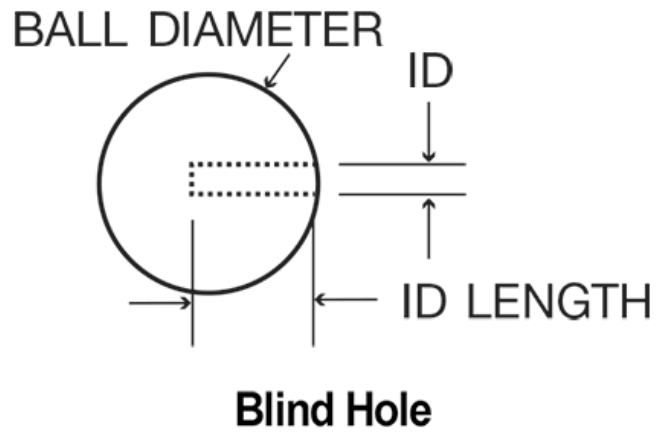


Typical Applications: Metrology Measuring Tips, Probe Tips, Master Ball Gauge, Pump Check Valves

Model	Diameter	Inside Diameter	ID Length	Grade	Type
DB1.00	.0393"	.020/.022"	.020"	10	blind hole
DB2.00	.0787"	.032/.037"	.040"	10	blind hole
DB2.50	.0984"	.049/.051"	.049"	10	blind hole
DB3.00	.1181"	.060/.062"	.060"	10	blind hole

Drilled Ball Cross Section





NOT SEEING EXACTLY WHAT YOU NEED?

We specialize in creating a wide range of custom optical components and custom mechanical components including a variety of shapes - from internal holes and tapers to outer flanges, angles and surface finishes. Contact us (800-922-0118) and we will consult with you to create a custom component that meets all of your specifications.