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Sapphire Balls - B3.18S

Specifications

Model	B3.18S
Diameter	0.1250"
Diameter (mm)	3.175
Grade	25
Material	Sapphire

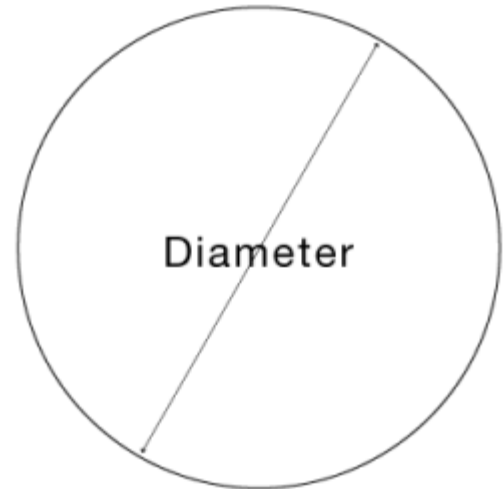


Description

Applications include Sapphire or Ruby Ball Lenses, which demand a hard material that can withstand thermal and environmental shock, high wear resistance, and chemical compatibility. We offer a wide range of stock sizes of Sapphire Balls and Ruby Balls with diameters as low as 0.15mm. Sapphire and Ruby Balls have typical tolerances of sphericity 0.625 micron and diameter ± 2.5 micron (Grade 25).

Typical Applications

- Fiber Optic Connectors
- Flow Meters
- Rotameters
- Bar Code Readers
- Wear Applications



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 and we will consult with you to create a custom component that meets all of your specifications.