

Products > Balls & Hemispheres > Sapphire Balls > B1.00S

# Sapphire Balls - B1.00S

## Specifications

<b>Model</b>	B1.00S
<b>Diameter</b>	0.0394"
<b>Diameter (mm)</b>	1.00
<b>Grade</b>	25
<b>Material</b>	Sapphire

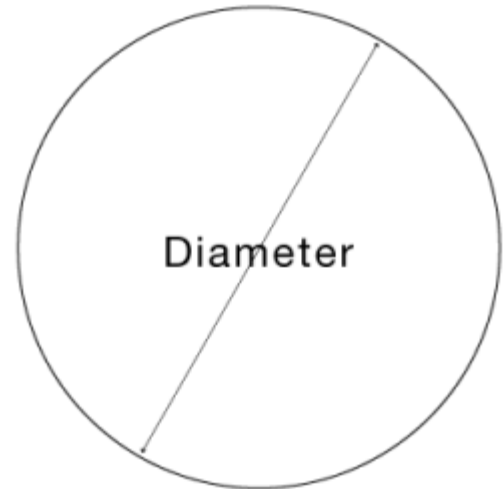


### Description

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  $\pm 2.5$  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.