

Ruby Balls

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).

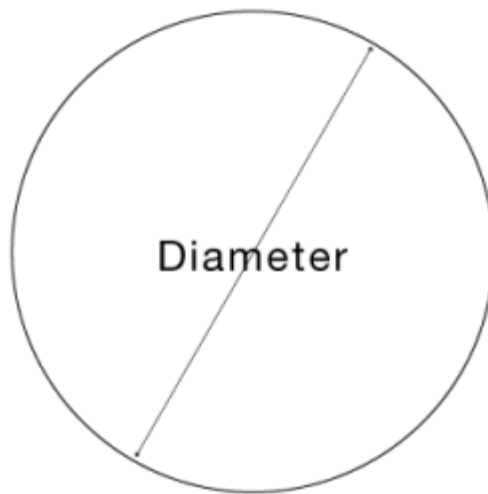
Typical Applications: Fiber Optic Connectors, Flow Meters, Rotameters, Bar Code Readers, Wear Applications



Model	Diameter	Diameter (Mm)	Grade	Material
B0.20R	0.0078"	0.20	25	Ruby
B0.30R	0.0118"	0.30	25	Ruby
B0.35R	0.0138"	0.35	25	Ruby
B0.38R	0.0150"	0.381	25	Ruby
B0.40R	0.0156"	0.40	25	Ruby
B0.50R	0.0197"	0.50	25	Ruby
B0.60R	0.0236"	0.60	25	Ruby
B0.79R	0.0312"	0.79248	25	Ruby
B1.00R	0.0394"	1.00	25	Ruby
B1.20R	0.0472"	1.20	25	Ruby
B1.50R	0.0591"	1.50	25	Ruby
B1.58R	0.0625"	1.5875	25	Ruby
B2.00R	0.0787"	2.00	25	Ruby
B2.38R	0.0937"	2.38125	25	Ruby
B2.50R	0.0984"	2.50	25	Ruby
B2.78R	0.1094"	2.77876	25	Ruby

B3.00R	0.1181"	3.00	25	Ruby
B3.18R	0.1250"	3.175	25	Ruby
B3.97R	0.1562"	3.9675	25	Ruby
B4.00R	0.1575"	4.00	25	Ruby
B4.76R	0.1875"	4.7625	25	Ruby
B5.00R	0.1969"	5.00	25	Ruby
B5.55R	0.2187"	5.55498	25	Ruby
B6.00R	0.2362"	6.00	25	Ruby
B6.35R	0.2500"	6.35	25	Ruby
B7.94R	0.3125"	7.9375	25	Ruby
B9.53R	0.3750"	9.525	25	Ruby

Ruby 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.