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Sapphire and Ruby Half-Ball Lenses



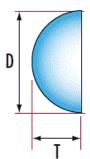
- Excellent for Severe Environments
- High Chemical Stability
- Sapphire and Ruby Ball Lenses Also Available

Common Specifications

Physical & Mechanical Properties

Specific Gravity (g/cm ³):	3.98	Compressive Strength (psi):	300,000			
Diameter Tolerance (μm):	±2.54					
Optical Properties						
Coating:	Uncoated					
Index of Refraction (n _d):	1.77	Sphericity (µm):	0.64			
Environmental & Durability Factors						
Melting Temperature (°C):		2053.00				

Technical Information



Products

Dia. (mm)	Substrate	Туре	Coating	Stock Number	Price	Buy
0.40	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#63-754</u>	C\$43.09 Volume Pricing	14 ln Stock
0.50	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-553</u>	C\$43.09 Volume Pricing	20+ In Stock
1.00	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-428</u>	C\$43.09 Volume Pricing	20+ In Stock
2.00	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-429</u>	C\$43.09 Volume Pricing	20+ In Stock
2.50	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-554</u>	C\$43.09 Volume Pricing	20+ In Stock
3.18	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-430</u>	C\$43.09 Volume Pricing	20+ In Stock
4.00	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-555</u>	C\$46.28 Volume Pricing	20+ In Stock
4.76	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-431</u>	C\$46.28 Volume Pricing	20+ In Stock
5.00	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-432</u>	C\$53.87 Volume Pricing	20+ In Stock
6.00	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-556</u>	C\$58.25 Volume Pricing	20+ In Stock
6.35	Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#48-433</u>	C\$65.44 Volume Pricing	20+ In Stock
0.50	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-557</u>	C\$43.89 Volume Pricing	20+ In Stock
1.00	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	#49-558	C\$43.89 Volume Pricing	20+ ln Stock
2.00	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-559</u>	C\$43.89 Volume Pricing	17 In Stock
2.50	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	#49-560	C\$43.89 Volume Pricing	20+ In Stock
3.18	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-561</u>	C\$43.89 Volume Pricing	20+ ln Stock

4.00	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	#49-562	C\$47.48 Volume Pricing	15 In Stock
4.76	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-563</u>	C\$47.48 Volume Pricing	20+ In Stock
5.00	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-564</u>	C\$54.66 Volume Pricing	20+ In Stock
6.00	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-565</u>	C\$59.05 Volume Pricing	20+ In Stock
6.35	Ruby Doped Sapphire (Al ₂ O ₃)	Half-Ball Lens	Uncoated	<u>#49-566</u>	C\$66.23 Volume Pricing	20+ In Stock



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