

Sapphire Rods & Ruby Rods

Sapphire Rods are used in a wide range of applications. A sapphire rod can be made with all surfaces polished for optical and wear applications or with all surfaces fine grind (un-polished) to serve as an insulator. Sapphire Rods are available in a range of outer diameter and lengths. OD's as small as .0175".

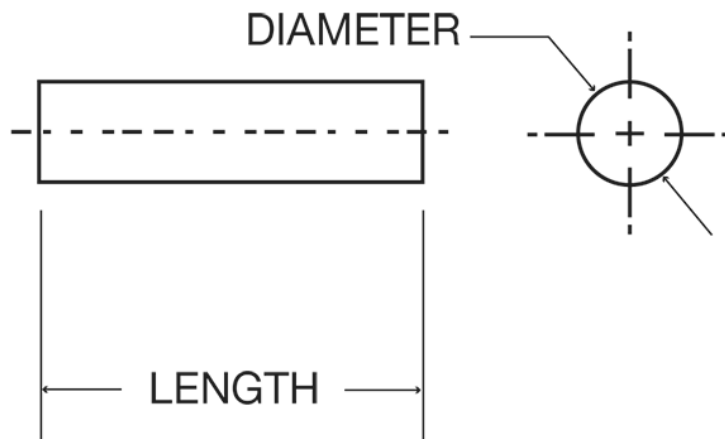
Typical Applications: Pumps, Light Pipes, Spacers, Insulators, Wear Applications



Model	Outside Diameter	Length	Material
SP-1	.0173/.0177"	.095/.105"	Unpolished/Sapphire rod
SP-11A	.0285/.0288"	.285/.295"	Unpolished/Sapphire rod
SP-12	.0285/.0288"	.432/.442"	Unpolished/Sapphire rod
SP-13	.0300/.0310"	.365/.385"	Unpolished/Sapphire rod
SP-15	.049/.050"	.245/.255"	Polished/Ruby Rod
SP-16	.0562/.0566"	.1528/.1575"	Polished/Ruby Rod
SP-18	.0558/.0562"	.1528/.1575"	Polished/Ruby Rod
SP-19	.0603/.0607"	.1528/.1575"	Polished/Ruby Rod
SP-20	.060/.061"	.153/.161"	Unpolished/Ruby Rod
SP-21	.0623/.0625"	.350/.360"	Unpolished/Sapphire rod
SP-22	.0739/.0743"	.1528/.1575"	Polished/Ruby Rod
SP-24	.0795/.0805"	.995/1.05"	Polished/Sapphire Rod
SP-24A	.123/.125"	.621/.623"	Polished/Sapphire Rod
SP-25	.1193/.1207"	2.495/2.505"	Polished/Sapphire Rod
SP-26	.1195/.1205"	2.963/2.973"	Polished/Sapphire Rods
SP-27	.0622/.0628"	.430/.448"	Unpolished/Sapphire Rods

SP-28	.0610/.0635"	.245/.255"	Polished/Sapphire Rods
SP-29	.0926/.0934"	.745/.755"	Unpolished/Sapphire Rods
SP-29A	.0926/.0934"	.895/.905"	Unpolished/Sapphire Rods
SP-29B	.0925/.0935"	.375/.380"	Unpolished/Sapphire Rods
SP-3	.0185/.0188"	.141/.151"	Unpolished/Sapphire rod
SP-30	.0926/.0934"	.494/.508"	Unpolished/Sapphire Rods
SP-31	.0926/.0934"	1.17/1.33"	Unpolished/Sapphire Rods
SP-48	.060/.063"	.495/.505"	Polished/Sapphire Rods
SP-49	.120/.130"	.370/.380"	Polished/Sapphire Rods
SP-5	.0235/.0238"	.385/.395"	Unpolished/Sapphire rod

Sapphire Rod 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.