

Products > Sapphire Orifice Jewels > 0254S48

Sapphire Orifice Jewels - 0254S48

Specifications

Model	0254S48
Inside Diameter	.0098/.0102"
Outside Diameter	.0870/.0878"
Thickness	.045/.050"
Angle	85/95°
Vee Depth	.0312/.0323"

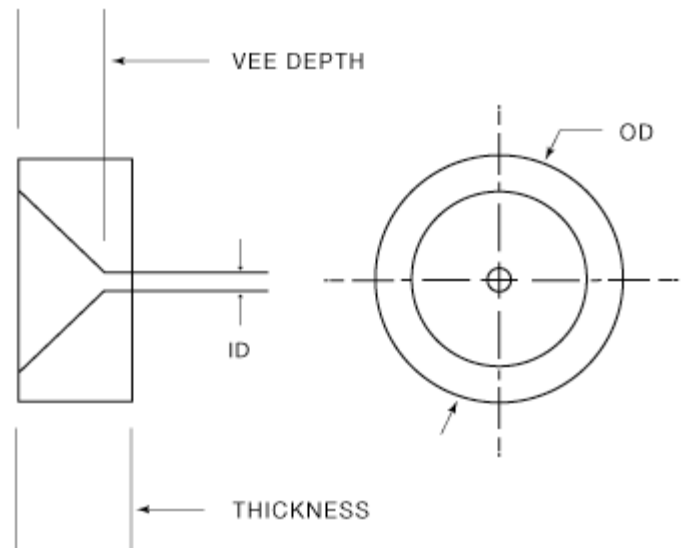


Description

Sapphire is an excellent orifice jewel material because of its resistance to wear, heat and corrosion, as well as its low friction. The hole diameter for control purposes is usually specified to be held within 0.0002". Sapphire orifice jewels can be used for UHP water jet applications (up to 40,000-50,000 PSI), oil atomizing and the handling of air, hot gases and practically all liquids and acids.

Typical Applications

- Ultra-High Pressure Sapphire Waterjet Orifices
- Control Units (gas, liquid)
- Flow-meters
- Ink Jet Printing



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.