

## Corundum Rods

Acme Optics manufacture the rods with artificial corundum. The artificial corundum has excellent properties such as anti-corrosive, wearability, strong thermal and chemical stability, and good optical performance. The rod often be used on medicine, precision machinery, precision measurement and examination, as well as laser technology application. Such as plunger rods, measuring rods, and the laser rods for rangefinder, laser guidance, gyroscope and so on.

### Corundum Rods

#### Specifications:

- Material: **Artificial Corundum (Sapphire, Ruby)**
- Diameter Range:  $\Phi 0.70\text{mm} - \Phi 15.0\text{mm}$
- Diameter Tolerance:  $+0/-0.0.5\text{mm}$
- Length Range:  $6.0\text{mm} - \Phi 120.0\text{mm}$
- Length Tolerance:  $\pm 0.5\text{mm}$
- Straightness:  $0.01\text{mm}$  per inch
- Surface Quality: 60/40
- Bevel:  $0.25\text{mm} \times 45^\circ$

