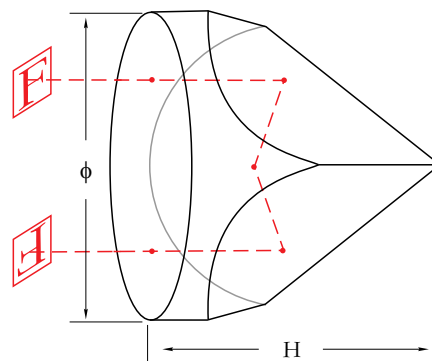


Corner Cube Retroreflectors

Applications:

- Projection Optics Systems
- Imaging Optics Systems
- Optical Measurement Systems
- Optical Display Systems



Capability

Attribute	Commerce	High Precision
Typical Material	BK7, Fused Silica	BK7, Fused Silica
Typical Dimension ϕ (mm)	12.7, 20, 25.4	12.7, 20, 25.4
Diameter Tolerance (mm)	+0.00/-0.1	+0.00/-0.025
Beam Deviation Tolerance with Blank Painting (arc second)	< 10	< 7
Beam Deviation Tolerance without Blank Painting (arc second)	< 10	< 5
Flatness (per 25mm@632.8nm)	$\lambda/2$	$\lambda/8$
Surface Quality (scratch/dig)	80-50	40-20
Bevel (face width x 45° mm)	0.2~0.5	0.05~0.2
Coating & Painting	Specified by customer	

