

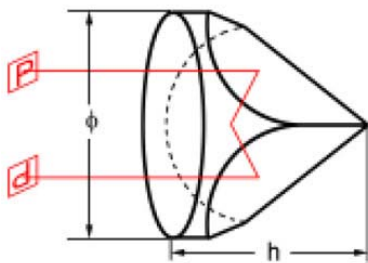


# Corner Cube Retroreflector

Corner Cube retroreflectors use three mutually orthogonal reflectors to retro-reflect any ray that lands on it over a wide range of incident angles. This makes it very useful in applications where precise alignment is difficult to achieve, where vibration is present, or where the retroreflector must be moved, for example.

Corner cube prism holders are available upon request.

## Specifications:



Material:	BK7, Fused Silica
Diameter Tolerance:	+0.0/-0.2mm
Dimension Tolerance(h):	+/-0.3mm
Thickness Tolerance:	+/-0.2mm
Angle Deviation:	180° +/- 3 arc seconds
Surface Quality:	60-40 scratch and dig
Clear Aperture:	>80%
Flatness:	$\lambda/4$ @632.8nm on big surface $\lambda/10$ @632.8 nm on other surface
Wavefront Distortion:	$\lambda/2$ @632.8nm
Chamfer:	Protective Bevel

Part No.	$\Phi$ (mm)	T(mm)
PRS3001	15.0	11.3
PRS3002	25.4	19.0
PRS3003	38.0	28.5
PRS3004	50.8	37.5

\*Lower price for lower precision is available.

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