

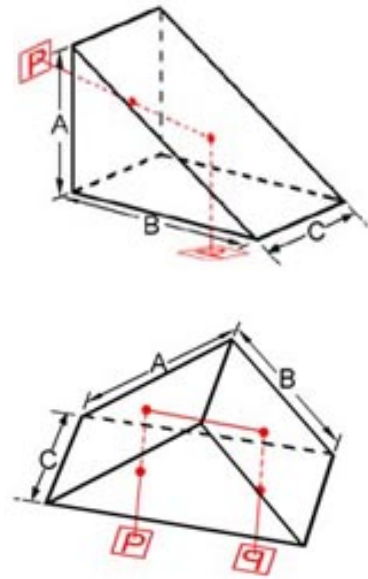
Right-Angle Prisms

Features

- High Precision Dimension
- High Precision Angle Control

Applications

- Projection Optics System
- Imaging Optics System
- Optical Display System
- Optical Measurement System



Specifications

Material	BK7, UV Fused Silica
Dimension tolerance	±0.1mm
Angle tolerance	See the table
Surface quality	60-40 S/D
Surface flatness	$\lambda/2@632.8\text{nm}$
Clear aperture	>85%
Bevel	Protective bevel
Coating	Specified by customer

Prism

BK7 Right-Angle Prism

Size(mm)	3 Min. Deviation	1 Min. Deviation	30 Sec. Deviation
A,B,C	Part No.	Part No.	Part No.
A=B=C=3.2	HRAP0001	HRAP0002	HRAP0003
A=B=C=5.0	HRAP0101	HRAP0102	HRAP0103
A=B=C=10.0	HRAP0201	HRAP0202	HRAP0203
A=B=C=12.7	HRAP0301	HRAP0302	HRAP0303
A=B=C=15.0	HRAP0401	HRAP0402	HRAP0403
A=B=C=20.0	HRAP0501	HRAP0502	HRAP0503
A=B=C=25.4	HRAP0601	HRAP0602	HRAP0603
A=B=C=30.0	HRAP0901	HRAP0902	HRAP0903
A=B=C=40.0	HRAP0701	HRAP0702	HRAP0803
A=B=C=50.8	HRAP0801	HRAP0802	HRAP0703

UV Fused Silica Right-Angle Prism

Size(mm)	3 Min. Deviation	1 Min. Deviation	30 Sec. Deviation
A,B,C	Part No.	Part No.	Part No.
A=B=C=12.7	HRAP1301	HRAP1302	HRAP1303
A=B=C=25.4	HRAP1601	HRAP1602	HRAP1603