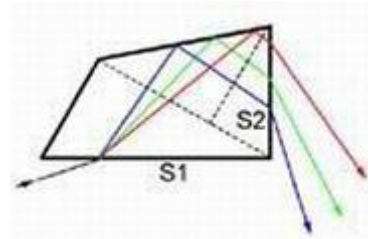


## Pellin-Broca Prisms

### Pellin-Broca Prisms

#### Specifications:

- Material: **BK7 Grade A, UV Grade Fused Silica**
- Index of Refraction:  $n=1.5183$ ,  $n=1.46008$
- Design Wavelength: 546.1nm
- Dimension Tolerance:  $+0.0/-0.2\text{mm}$
- Clear Aperture:  $>80\%$
- Angle:  $\alpha = 79.5^\circ \pm 0.5^\circ$   $\beta = 60^\circ \pm 1^\circ$
- Flatness:  $\lambda/10$  @632.8nm
- Surface Quality: 20/10
- Bevel: 0.2mm to 0.5mm



A(mm)	B(mm)	H(mm)	Part No.	
			BK7	Fused Silica
11.0	20.0	6.4	PBP0101	PBP0201
23.5	40.0	12.7	PBP0102	PBP0202
36.0	60.0	25.4	PBP0103	PBP0203