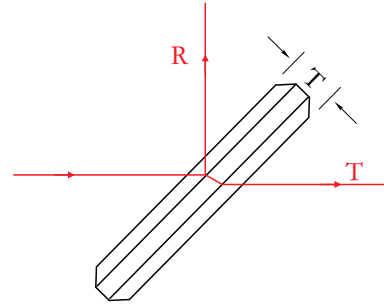


Beamsplitter Plate

Applications:

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



Capability

Attribute	Commercial	High Precision
Typical Material	BK7	BK7
Typical Dimension (mm)	Phi 10, 12.7, 15, 20, 25.4	Phi 10, 12.7, 15, 20, 25.4
Dimension Tolerance (mm)	+/-0.1	+/-0.03
Parallelism (arc second)	< 20	< 5
Flatness (per 25mm@632.8nm)	1/4	$\lambda/10$
Surface Quality (scratch/dig)	60-40	10-5
T/R (for random polarization $T=(T_s+T_p)/2$, $R=(R_s+R_p)/2$)	50/50+/-5%	50/50+/-2%
Bevel (face width x 45° mm)	0.2~0.5	0.05~0.2
Coating	Wavelength: customer specified, Reference to pages 65-75 Beamsplitter coating type	

