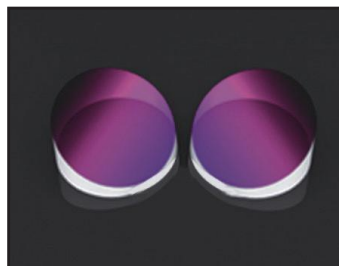
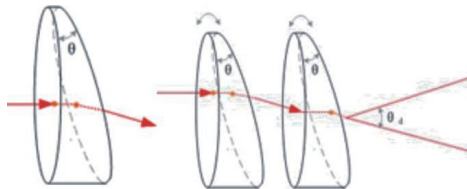


Specifications:

Material: BK7 ,SF11 or others
 Dimension Tolerance: $+0.0/-0.1\text{mm}$
 Clear Aperture: $> 85\%$
 Surface Quality: 60-40 S/D , up to 20-10S/D
 Angle Tolerance: 3 arc mins, up to 30 arc sec
 Flatness: $\lambda/2$ @632.8nm, up to $\lambda/10$ @632.8nm

► Wedge prism

Wedge prism has plane inclined surfaces. It deflects light toward its thicker portion. It can be used individually to deflect a beam to a special angle. Two wedge prisms work together can assembly an anamorphic prism to correct the elliptical shape of laser beam. The wedge prism is ideal for laser beam steering applications. By combining two wedge prisms which can be rotate individually, we can direct the input beam to anywhere within the cone angle θ_d , where θ_d is 4x the specified angular deviation of one wedge. We can make deviation angle from 1deg to 10deg. Other angle can be realized upon request.

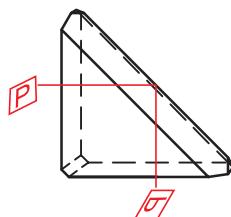


Specifications:

Material: BK7,SF11 or others
 Dimension Tolerance: $+0.0/-0.1\text{mm}$
 Thickness Tolerance: $\pm 0.1\text{mm}$
 Clear Aperture: $> 85\%$
 Surface Quality: 60-40 S/D , up to 20-10S/D
 Flatness: $\lambda/4$ @830nm , up to $\lambda/10$ @632.8nm
 Wedge Tolerance: 1 arc min , up to 30 arc sec

► Roof Prisms (Amici Prisms)

Roof prism is combined with a right angle prism and a totally internally reflecting roof and they are attached by them largest square surfaces. It can invert and reverse an image, also, deflect the image 90° . Therefore, it is often used in terrestrial telescopes, viewing systems and rangefinders.



Specifications:

Material: BK7 grade A optical glass
 Dimension Tolerance: $+0.0/-0.1\text{mm}$
 Clear Aperture: $> 85\%$
 Surface Quality: 60-40 S/D , up to 20-10S/D
 Angle Tolerance: 3 arc mins
 Roof Angle Tolerance: 10 arc secs, up to 30 arc sec
 Flatness: $\lambda/2$ @632.8nm, up to $\lambda/10$ @632.8nm