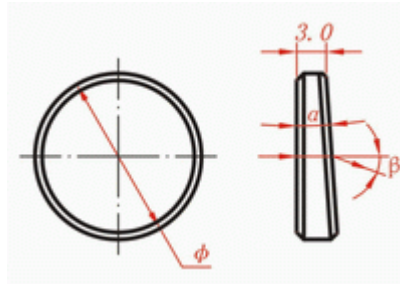


## Wedge Prism



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.

### Specification:

Material.....BK7 grade A optical glass  
 Design Wavelength ..... 632.8nm  
 Design Index.....1.51467@ 632.8nm  
 Diameter Tolerance.....+0.0, -0.1mm  
 Thickness Tolerance.....±0.2mm  
 Clear Aperture..... > 85%  
 Surface Quality.....60-40  
 Flatness.....λ/4 @632.8nm  
 Wedge Angle.....< 1 arc minute  
 Bevel.....0.25mm x 45°

P/N	Φ	α	β
20901	25.40	1°	1°57'
20902	25.40	2°	3°53'
20903	25.40	4°	7°46'

- Demension unit:mm
- Other sizes and coatings are available upon request.