

Dove Prisms

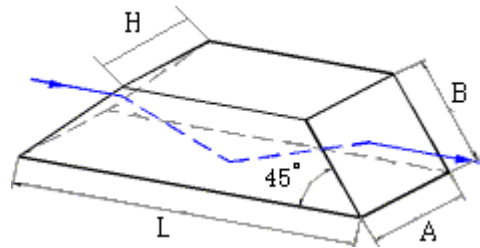
Dove prism has two applications. the main application is used as a rotator. it can rotate an image but without deviating the beam. And when the prism is rotated about the input parallel ray through some angle, the image rotates through twice that angle. It is very important that the application must be used with parallel or collimated beam and the large square reflective surface should be kept very clean. Another application is used as a retroreflector. For this application it performs as a right-angle prism.



Dove Prisms

Specifications:

- Material: **BK7 Grade A optical glass**
- Dimension Tolerance: +0.0/-0.2mm
- Clear Aperture: >80%
- Angle Tolerance: ± 3 arc minutes
- Surface Quality: 60/40
- Flatness: $\lambda/2$ per inch @632.8nm
- Bevel: 0.2mm up to 0.5mm



Part No.	L(mm)	H(mm)	B(mm)
DVP0101	21.14	5	7.07
DVP0201	42.28	10	14.14
DVP0301	63.4	15	21.21
DVP0401	81.3	20	28.28