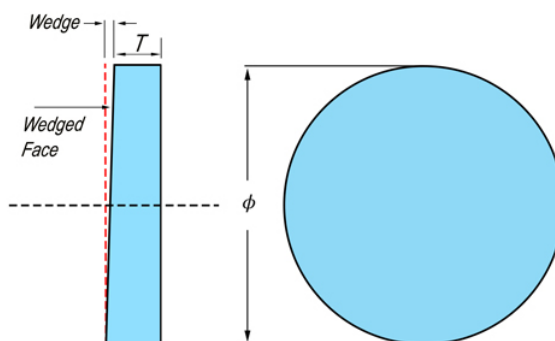


ZnSe Wedge Beamsplitter

Specifications

- **Material:** ZnSe
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40 Scratch and dig
- **Clear Aperture:** 90%
- **Diameter Tolerance:** $+0/-0.25\text{mm}$
- **Thickness Tolerance:** $\pm 0.25\text{mm}$
- **Chamfer:** Protective Chamfer $0.2\sim 0.5\text{mm}\times 45^\circ$
- **Wedge Angle:** $30'\pm 10'$
- **S1:** Average Split ratio (R/T) $\pm 10\%$ @ 45° @ $7\sim 14\mu\text{m}$
- **S2:** $R_{\text{avg}} < 2.5\%$



Size (mm)	T (mm)	Split Ratio (R/T)	
		Part No	
$\phi 12.7$	3.0	BSP3-0-127-30-50-IR-ZS	
$\phi 25.4$	5.0	BSP3-0-254-50-50-IR-ZS	
$\phi 50.8$	8.0	BSP3-0-508-80-50-IR-ZS	

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