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TECHSPEC® Rhomboid Prisms


- Lateral Displacement of Beam
- Displaces Optical Axis Without Inverting Image
- Input and Output Beams Parallel to ± 30 Arcseconds
- Beam Displacing [Dove Prisms](#) Also Available

Common Specifications

Physical & Mechanical Properties

Dimensional Tolerance (mm): ± 0.1

Optical Properties

Angle Tolerance (arcsec): ± 5

Beam Deviation (arcsec): ± 30

Substrate: [N-BK7](#)

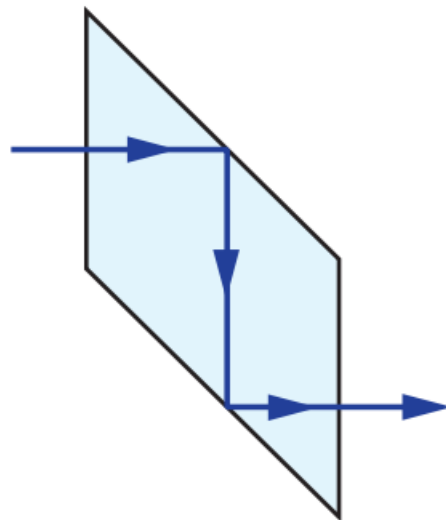
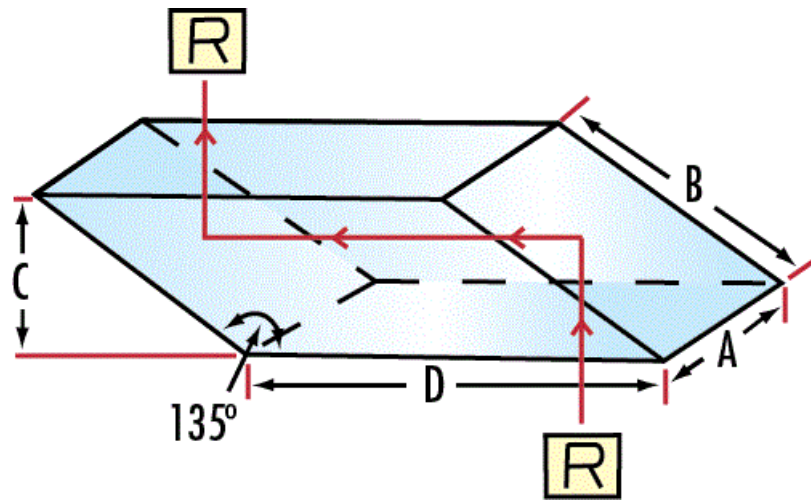
Surface Quality: 40-20

Image Orientation: Beam Deviation

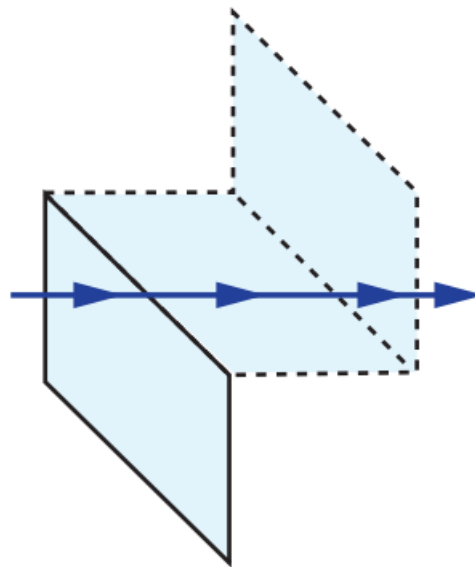
Ray Deviation ($^{\circ}$): 0

Irregularity (fringes) @ 632.8nm: 0.25

Technical Information



Rhomboid Prism Ray Path



Rhomboid Prism Tunnel Diagram

Products

Length (mm)	Coating	Ray Deviation (°)	Stock Number	Price	Buy
5.00	Uncoated	0	#47-625	₹12,870 Qty 6+ ₹10,260	10 to 12 days
5.00	VIS 0° (425-675nm)	0	#47-806	₹13,770 Qty 6+ ₹10,980	10 to 12 days
10.00	Uncoated	0	#47-213	₹15,120 Qty 6+ ₹12,060	10 to 12 days
10.00	VIS 0° (425-675nm)	0	#47-807	₹16,020 Qty 6+ ₹12,780	10 to 12 days
20.00	Uncoated	0	#47-214	₹17,100 Qty 6+ ₹13,680	10 to 12 days
20.00	VIS 0° (425-675nm)	0	#47-808	₹18,000 Qty 6+ ₹14,400	10 to 12 days
25.00	Uncoated	0	#47-626	₹20,070 Qty 6+ ₹16,020	10 to 12 days
25.00	VIS 0° (425-675nm)	0	#47-809	₹20,970 Qty 6+ ₹16,740	10 to 12 days
12.50	Uncoated	0	#49-418	₹15,120 Qty 6+ ₹12,060	10 to 12 days
15.00	Uncoated	0	#49-419	₹15,750 Qty 6+ ₹12,600	10 to 12 days
50.00	Uncoated	0	#49-420	₹33,120 Qty 6+ ₹26,460	10 to 12 days
12.50	VIS 0° (425-675nm)	0	#49-421	₹16,020 Qty 6+ ₹12,780	10 to 12 days
15.00	VIS 0° (425-675nm)	0	#49-422	₹16,650 Qty 6+ ₹13,320	10 to 12 days
50.00	VIS 0° (425-675nm)	0	#49-423	₹35,100 Qty 6+ ₹28,080	10 to 12 days



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