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50.0/50.8mm Optic Dia., E-Series Clear Edge Kinematic Mount



#17-280, 50.0/50.8mm Optic Dia., E-Series Clear Edge Kinematic Mount

Stock **#17-280** 10 In Stock

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1

+

S\$159⁰⁰

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Volume Pricing	
Qty 1-9	S\$159.60 each
Qty 10-19	S\$151.62 each
Qty 20+	S\$143.64 each
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General	
Adjustable - Tip-Tilt	Type:
Circular	Type of Optics:
2	Number of Adjustment Screws:
Physical & Mechanical Properties	

46	Clear Aperture CA (mm):
Construction: Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings	
±3.5	Fine Tilt Angle (°):
±3.5	Fine Tip Angle (°):
0.25	Adjustment Screw Pitch (mm):
2	Min. Thickness of Compatible Optics (mm):
38.10	Optical Axis Height (mm):

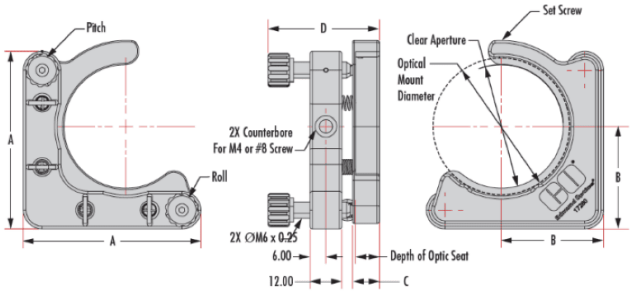
Threading & Mounting	
50.0 - 50.8	Size of Compatible Optics (mm):
M6 x 1.0, M4 x 0.7, 8-32	Compatible Post:

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

- 120° Clear Edge for Mounting Beamsplitters and Transmissive Optics
 - Economically Priced
 - Essential Mounts for Experiments and OEM Systems
- E-Series Clear Edge Kinematic Optical Mirror Mounts offer many features essential for applications in R&D, prototyping, and system integration. Featuring a 120° cut out, these mounts are ideal for mounting beamsplitters and transmissive optics while accommodating a wider beam path when mounted at a 45° angle. The two M6 x 0.25 (101.6 TPI) adjustment screws provide smooth movement and can be driven by hand or by Allen key (2mm key size) for tip and tilt optical adjustment and alignment (±3.5°). The adjustment screw knobs are removable to create a more compact form factor. E-Series Clear Edge Kinematic Optical Mirror Mounts feature mounting holes with both a counterbore designed to accommodate M4 or 8-32 mounting hardware, and M6 x 1.0 internal threads for increased mounting versatility and direct compatibility to [TECHSPEC® Stainless Steel Mounting Posts](#) and [Pedestal Posts](#).

Technical Information



Dimensions				
Optical Mount Dia. (mm)	A (mm)	B (mm)	C (mm)	D (mm)
12.5/12.7	43.5	25.4	8.0	39.5
25/25.4	43.5	25.4	8.0	39.5
50/50.8	66.0	38.1	10.0	41.5