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12.5/12.7mm Optic Dia., E-Series Clear Edge Kinematic Mount



#17-278, 12.5/12.7mm Optic Dia., E-Series Clear Edge Kinematic Mount

Stock #17-278 **10 In Stock**

⊖ 1 ⊕ \$78⁰⁰

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Volume Pricing	
Qty 1-9	\$78.40 each
Qty 10-19	\$74.62 each
Qty 20+	\$70.84 each
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General

Adjustable - Tip-Tilt **Type:**

Circular **Type of Optics:**

2 **Number of Adjustment Screws:**

Physical & Mechanical Properties

11.5	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):
Yes	1" Optical Axis Height:
2	Min. Thickness of Compatible Optics (mm):
25.40	Optical Axis Height (mm):

Threading & Mounting

12.5 - 12.7	Size of Compatible Optics (mm):
M6 x 1.0, M4 x 0.7, 8-32	Compatible Post:

Regulatory Compliance

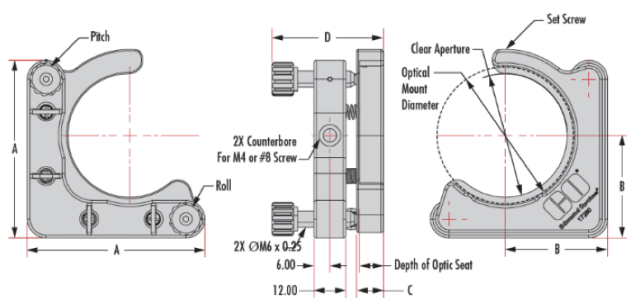
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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 ($\pm 3.5^\circ$). 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