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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** **1 In Stock**

⊖ 1 ⊕ £44.⁰⁰

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| Volume Pricing | |
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| Qty 1-9 | £44.80 each |
| Qty 10-19 | £42.64 each |
| Qty 20+ | £40.48 each |
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

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

RoHS 2015:
Compliant

Certificate of Conformance:
View

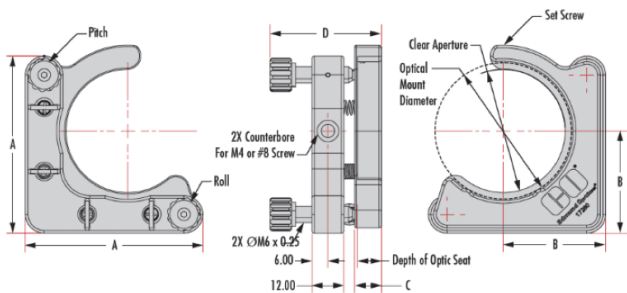
Reach 247:
Compliant

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 |

