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E-Series Adjustable Rectangular Kinematic Mount



E-Series Adjustable Rectangular Kinematic Mount (#17-242)

Stock **#17-242** **9 In Stock**

C\$190⁰⁰

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Volume Pricing	
Qty 1-9	C\$190.40 each
Qty 10+	C\$181.02 each
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General

Adjustable - Tip-Tilt **Type:**

Rectangular **Type of Optics:**

2 **Number of Adjustment Screws:**

Physical & Mechanical Properties

Construction:

Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings

Fine Tilt Angle (°):
±3.5

Fine Tip Angle (°):
±3.5

Adjustment Screw Pitch (mm):
0.25

Min. Thickness of Compatible Optics (mm):
2

Optical Axis Height (mm):
38.10

Threading & Mounting

Size of Compatible Optics (mm):
2.00 - 38.10

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

Product Details

- Essential Mount for Experiments and OEM System
- Compatible with 3–38.1mm Rectangular Optics
- Compatible with 4–40mm Diameter Optics
- M6 x 0.25 (101.6 TPI) Adjustment Screws

E-Series Adjustable Size Kinematic Optical Mounts are ideal for integrating a range of round, rectangular, and square optical components. These kinematic mounts offer many features essential for applications in R&D, prototyping, and OEM system integration. Wide clear apertures enhance compatibility for both reflective optics like mirrors and transmissive optics like beamsplitters, filters, and cylinder lenses. 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 Adjustable Size Kinematic Optical Mounts are compatible with M4, 8-32, and M6 x 1.0 hardware for increased mounting versatility and direct compatibility with [TECHSPEC® Metric Stainless Steel Mounting Posts](#) and [Pedestal Posts](#).

Note: #17-242 has an optical axis height of 38.1mm when mounting a 25.4mm optical component. #17-243 has a constant 38.1mm optical axis height when mounting any compatible sized optical component.