

E-Series Adjustable Rectangular Kinematic Mount



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

Stock **#17-242** 4 In Stock

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1

+

£108⁰⁰

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Volume Pricing	
Qty 1-9	£108.80 each
Qty 10+	£103.44 each
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Product Downloads

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	
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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 (±3.5°). 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.