

E-Series Adjustable Rectangular Kinematic Mount



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

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1

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₹9,022

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SPECIFICATIONS

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	
±3.5	Fine Tilt Angle (°):
Fine Tip Angle (°):	
±3.5	
0.25	Adjustment Screw Pitch (mm):
Min. Thickness of Compatible Optics (mm):	
2	
Optical Axis Height (mm):	
38.10	
Threading & Mounting	
2.00 - 38.10	Size of Compatible Optics (mm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

PRODUCT DETAILS

- Essential Mount for Experiments and OEM System
- Compatible with 3–38.1mm Rectangular Optics
- Compatible with 4-40mm Diameter Optics
- M6 x0.25 (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 x0.25 (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.