

E-Series Jaw Clamp Kinematic Mount



E-Series Jaw Clamp Kinematic Mount (#17-243)

Stock **#17-243** **7 In Stock**

€259⁰⁰

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Volume Pricing	
Qty 1-9	€259,00 each
Qty 10+	€246,20 each
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Product Downloads

General

Adjustable - Tip-Tilt **Type:**

Circular **Type of Optics:**

2 **Number of Adjustment Screws:**

Physical & Mechanical Properties

40 **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):**

2 **Min. Thickness of Compatible Optics (mm):**

38.10 **Optical Axis Height (mm):**

Threading & Mounting

4.00 - 40.00 **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 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.