

## E-Series Jaw Clamp Kinematic Mount



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

Stock **#17-243** 8 In Stock

-

1

+

A\$414<sup>40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | A\$414.40 each                |
| Qty 10+        | A\$393.92 each                |
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### Product Downloads

#### General

Type:

Adjustable - Tip-Tilt

Type of Optics:

Circular

Number of Adjustment Screws:

2

#### Physical & Mechanical Properties

Clear Aperture CA (mm):

|       |                                                                                            |
|-------|--------------------------------------------------------------------------------------------|
| 40    |                                                                                            |
|       | <b>Construction:</b><br>Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings |
|       |                                                                                            |
| ±3.5  | <b>Fine Tilt Angle (°):</b>                                                                |
|       |                                                                                            |
| ±3.5  | <b>Fine Tip Angle (°):</b>                                                                 |
|       |                                                                                            |
| 0.25  | <b>Adjustment Screw Pitch (mm):</b>                                                        |
|       |                                                                                            |
| 2     | <b>Min. Thickness of Compatible Optics (mm):</b>                                           |
|       |                                                                                            |
| 38.10 | <b>Optical Axis Height (mm):</b>                                                           |

Threading & Mounting

|              |                                        |
|--------------|----------------------------------------|
|              | <b>Size of Compatible Optics (mm):</b> |
| 4.00 - 40.00 |                                        |

Regulatory Compliance

|                           |                                    |
|---------------------------|------------------------------------|
|                           | <b>RoHS 2015:</b>                  |
| <a href="#">Compliant</a> |                                    |
|                           | <b>Certificate of Conformance:</b> |
| <a href="#">View</a>      |                                    |
|                           | <b>Reach 247:</b>                  |
| <a href="#">Compliant</a> |                                    |

## 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.