

[See all 5 Products in Family](#)

25.0/25.4mm Optic Dia., E-Series Kinematic Mount



#15-866: 25.0/25.4mm Optic Dia., E-Series Kinematic Mount



Stock #15-866 **20+ In Stock**

- 1 + C\$60⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-9 | C\$60.90 each |
| Qty 10-49 | C\$58.10 each |
| Need More? | Request Quote |

Product Downloads

General

Adjustable - Tip-Tilt **Type:**

Circular **Type of Optics:**

2 **Number of Adjustment Screws:**

Available in Quick Start Kit: [#17-521](#)

Note:

Physical & Mechanical Properties

23
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):

Yes
1" Optical Axis Height:

2
Min. Thickness of Compatible Optics (mm):

25.40
Optical Axis Height (mm):

Threading & Mounting

25.0 - 25.4
Size of Compatible Optics (mm):

M6 x 1.0, M4 x 0.7, 8-32
Compatible Post:

Regulatory Compliance

Compliant
RoHS 2015:

View
Certificate of Conformance:

Compliant
Reach 247:

Product Details

- Essential Mount for Experiments and OEM System
- Economic Price
- 0.5" - 4.0" Dia. Versions Available
- M6 x 0.25 (101.6 TPI) Adjustment Screws

E-Series Kinematic Optical Mirror Mounts offer many high value features essential for applications in R&D, prototyping, and system integration. The mounts are offered with 2 screws for tip and tilt optical adjustment and alignment ($\pm 3.5^\circ$). The 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). The adjustment screw knobs are removable to create a more compact form factor. E-Series Kinematic Optical Mirror Mounts feature mounting holes with both a counterbore designed to accommodate M4 or 8-32 mounting hardware, and M6 x 1.0 internal threads for increased mounting versatility and direct compatibility to [TECHSPEC® Stainless Steel Mounting Posts](#) and [Pedestal Posts](#).

Technical Information

E-SERIES KINEMATIC CIRCULAR OPTICAL MOUNTS

| A(mm) | B(mm) | C(mm), Nominal | Optical Diameter D1 (mm) | Clear Aperture D2 (mm) | Stock No. |
|-------|-------|----------------|--------------------------|------------------------|-----------|
| 25.4 | 43.5 | 39.5 | 12.7/12.5 | 10 | #15-865 |
| 25.4 | 43.5 | 39.5 | 25.4/25.0 | 23 | #15-866 |
| 38.1 | 70.1 | 41.5 | 50.8/50.0 | 49 | #15-867 |
| 50.8 | 98.9 | 49.5 | 76.2/75 | 72 | #15-868 |
| 63.5 | 123.5 | 54.5 | 101.6/100 | 97 | #15-869 |

