

# 75.0/76.2mm Optic Dia., E-Series Kinematic Mount



#15-868: 75.0/76.2mm Optic Dia., E-Series Kinematic Mbunt



Stock **#15-868** 13 In Stock

-

1

+

€239<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €239,00 each                  |
| Qty 10-49      | €227,00 each                  |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Adjustable - Tip-Tilt

Type of Optics:

Circular

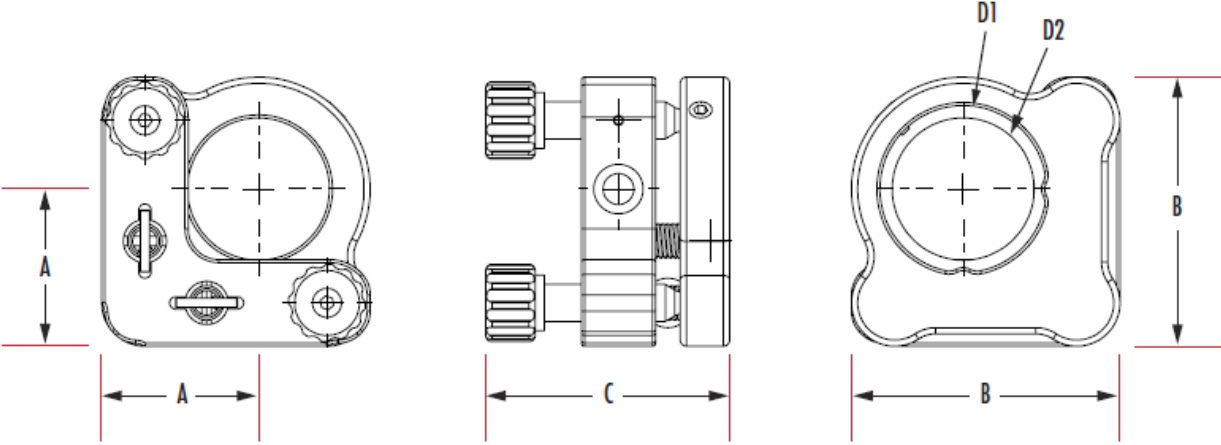
Number of Adjustment Screws:

| Physical & Mechanical Properties                                                    |                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------|
| 72                                                                                  | Clear Aperture CA (mm):                   |
| Construction:<br>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):              |
| 3                                                                                   | Min. Thickness of Compatible Optics (mm): |
| 50.80                                                                               | Optical Axis Height (mm):                 |
| Threading & Mounting                                                                |                                           |
| 75.0 - 76.2                                                                         | 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 (±3.5°). 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   |
| <div></div> |        |                 |                          |                        |           |