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## 50.0/50.8mm Optic Dia., E-Series Clear Edge Kinematic Mount



#17-280, 50.0/50.8mm Optic Dia., E-Series Clear Edge Kinematic Mount

Stock **#17-280** 10 In Stock

-

1

+

C\$159<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | C\$159.60 each                |
| Qty 10-19      | C\$151.62 each                |
| Qty 20+        | C\$143.64 each                |
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Product Downloads

| General                          |                              |
|----------------------------------|------------------------------|
| Adjustable - Tip-Tilt            | Type:                        |
| Circular                         | Type of Optics:              |
| 2                                | Number of Adjustment Screws: |
| Physical & Mechanical Properties |                              |

|                                                                                            |                                           |
|--------------------------------------------------------------------------------------------|-------------------------------------------|
| 46                                                                                         | Clear Aperture CA (mm):                   |
| <b>Construction:</b><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):              |
| 2                                                                                          | Min. Thickness of Compatible Optics (mm): |
| 38.10                                                                                      | Optical Axis Height (mm):                 |

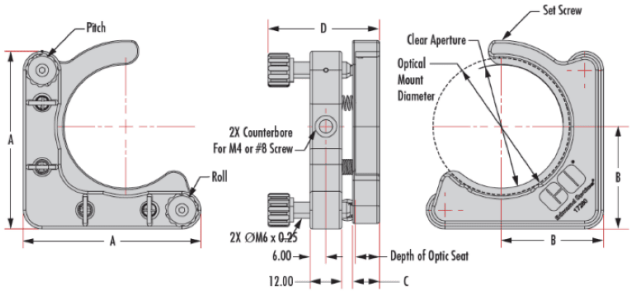
| Threading & Mounting     |                                 |
|--------------------------|---------------------------------|
| 50.0 - 50.8              | Size of Compatible Optics (mm): |
| M6 x 1.0, M4 x 0.7, 8-32 | Compatible Post:                |

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

## Product Details

- 120° Clear Edge for Mounting Beamsplitters and Transmissive Optics
  - Economically Priced
  - Essential Mounts for Experiments and OEM Systems
- E-Series Clear Edge Kinematic Optical Mirror Mounts offer many features essential for applications in R&D, prototyping, and system integration. Featuring a 120° cut out, these mounts are ideal for mounting beamsplitters and transmissive optics while accommodating a wider beam path when mounted at a 45° angle. 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 Clear Edge 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



| Dimensions                 |        |        |        |        |
|----------------------------|--------|--------|--------|--------|
| Optical Mount Dia.<br>(mm) | A (mm) | B (mm) | C (mm) | D (mm) |
| 12.5/12.7                  | 43.5   | 25.4   | 8.0    | 39.5   |
| 25/25.4                    | 43.5   | 25.4   | 8.0    | 39.5   |
| 50/50.8                    | 66.0   | 38.1   | 10.0   | 41.5   |