

TECHSPEC<sup>®</sup> 12.5/12.7mm Diameter Rotation Kinematic Mount, 3-Screws



12.5/12.7mm Diameter Rotation Kinematic Mount, 3-Screws , #36-638

Stock **#36-638** 17 In Stock

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1

+

€186<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €186,00 each                  |
| Qty 5-9        | €167,40 each                  |
| Qty 10+        | €154,60 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                        |                              |
|--------------------------------|------------------------------|
| Adjustable - Rotary & Tip-Tilt | Type:                        |
| Circular                       | Type of Optics:              |
| 3                              | Number of Adjustment Screws: |

| Physical & Mechanical Properties                                                    |                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------|
| 10.0                                                                                | Clear Aperture CA (mm):                    |
| 9.0                                                                                 | Travel (mm):                               |
| 360                                                                                 | Coarse Rotation (°):                       |
| Construction:<br>Aluminum plates, stainless steel screws, and brass thread bushings |                                            |
| ±5                                                                                  | Fine Tilt Angle (°):                       |
| ±5                                                                                  | Fine Tip Angle (°):                        |
| 4                                                                                   | Sensitivity per 1° Knob Rotation (arcsec): |
| 0.25                                                                                | Adjustment Screw Pitch (mm):               |
| 1.8                                                                                 | Min. Thickness of Compatible Optics (mm):  |
| 1.3                                                                                 | Pointing Stability (μrad):                 |

| Optical Properties  |                      |
|---------------------|----------------------|
| 0.4 per 0.25mm turn | Angle Tolerance (°): |

| Threading & Mounting |                                 |
|----------------------|---------------------------------|
| 12.5 - 12.7          | Size of Compatible Optics (mm): |
| 0.535 x40 TPI (SM05) | Thread Type:                    |
| M4 x0.7, 8-32        | Compatible Post:                |

| Environmental & Durability Factors |                           |
|------------------------------------|---------------------------|
| <5                                 | Thermal Stability (μrad): |

| Regulatory Compliance     |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | Reach 233:                  |

## Product Details

- 360° Continuous Optic Rotation
- 25.4mm Centerline Height
- 5° Graduations

TECHSPEC® Rotating Kinematic Mounts provide precision control when positioning an optical element. These mounts utilize 100 TPI adjustment screws to offer precise motion control with a tip/tilt range of ±5 arcmin. Continuous 360° optic rotation is achieved through a custom designed optic cell and Teflon ring subassembly. TECHSPEC® Rotating Kinematic Mounts employ retainer ring mounting for evenly distributed pressure on the optics circumference. Available for 25.4mm and 12.7mm diameter optics, these components provide a convenient method for cylinder lens or polarizer optic mounting.

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).