

**TECHSPEC® 12.5/12.7mm Optic Dia., SM05 Thin Mount, 8-32**



TECHSPEC® Compact Mirrors & Lens Mounts

Stock #13-790 **17 In Stock**

⊖ 1 ⊕ £15<sup>00</sup>

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**General**

Fixed **Type:**

Circular **Type of Optics:**

One Retainer Ring Included **Optic Holding Style:**

SM05 Lens Tubes **Tube System Compatibility:**

## Physical & Mechanical Properties

10.5 **Clear Aperture CA (mm):**

Black Anodized Aluminum **Construction:**

Yes **1" Optical Axis Height:**

1.0 **Min. Thickness of Compatible Optics (mm):**

8.0 **Max. Thickness of Compatible Optics (mm):**

25.4 **Centerline Height (mm):**

## Threading & Mounting

12.5 - 12.7 **Size of Compatible Optics (mm):**

SM05 (0.535" x40 TPI) **Barrel Thread:**

8/32 **Compatible Post:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 224:**

**View** **Certificate of Conformance:**

## Need different specs or modifications?

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](#).

## Product Details

- Ideal for Mounting 0.5"-4" Dia. Optics at Uniform Optical Centerline Heights from 25.4mm to 63.5mm
- Compact Design Ideal for Space-Restricted Systems
- Options Include [C-, S-, and T-Mount Circular Optic Mount](#) and [ID \(SM\) Thread](#) Compatibility

TECHSPEC® Compact Mirrors & Lens Mounts facilitate integration and alignment of optics into post-mounted benchtop systems that require a common centerline height. All mounts utilize base 25.4mm optical centerlines, which increase by standard 12.7mm increments with larger mounts. This standardization ensures that mechanical and optical axes are aligned without additional adjustment when used with [TECHSPEC Mounting Posts](#) and [Pedestal Posts](#). Available with 8-32 or M4 mounting threads, these mounts work with both metric and English systems. TECHSPEC Compact Lens Mounts are compatible with [C-Mount](#), [S-Mount](#), and [T-Mount Circular Optic Mounts](#) when mounting within the 16mm, 30mm, and 48mm diameter mounts. The compact footprint of these mounts makes them ideal for applications within space-restricted systems.

**Note:** Optical Centerline will shift slightly down when using metric sized optics in English sized mirror mounts.