Edmund optics | worldwide

TECHSPEC® Mounting Plate for 50.8mm Diameter Off-Axis Mirrors

Mounting Plate for 50.8mm Diameter Off-Axis Mirrors, #47-112

Stock **#47-112   20+ In Stock**

⊖   1   ⊕   **S$196**.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	**S$196.00** each
Qty 6-10	**S$176.40** each
Qty 11+	**S$168.00** each
Need More?	Request Quote

Product Downloads

Physical & Mechanical Properties

Center Thickness CT (mm):	
9.53	
Dowel Pin Diameter (mm):	
4.76	
Inner Diameter (mm):	
31.75	
Outer Diameter (mm):	
76.20	

Threading & Mounting

Mounting Threads:
Face Mount: 6-32 (screws included)
Side Mount: 1/4-20 (screws not included)

Size of Compatible Optics (mm):
50.80

Regulatory Compliance

RoHS 2015:
Compliant

**Certificate of Conformance:**
View

Reach 247:
Compliant

Product Details

- Bare or Protected Gold Coating for NIR and IR Applications
- 50Å and 100Å Surface Roughness Options
- 15°, 30°, 45°, 60°, or 90° Offset Angles
- Aluminum and Silver Coated Mirrors Also Available

TECHSPEC® Gold Off-Axis Parabolic Mirrors (OAPs) are designed for minimal scatter loss in light focusing applications. Available with bare or protected gold coatings, these OAP mirrors offer excellent reflectivity from the near infrared (NIR) to the far infrared (IR). Multiple surface roughness options are available in offset angles from 15 to 90°, providing flexibility for system designs. TECHSPEC® Gold Off-Axis Parabolic Mirrors are commonly used in IR systems such as FLIR and FTIR, as well as IR lasers including quantum cascade lasers (QCLs). Mounting plates with holes perpendicular to the optical axis for post mounting are also available.

Technical Information

Mounting Plate for 50.8mm Mirrors, #47-112
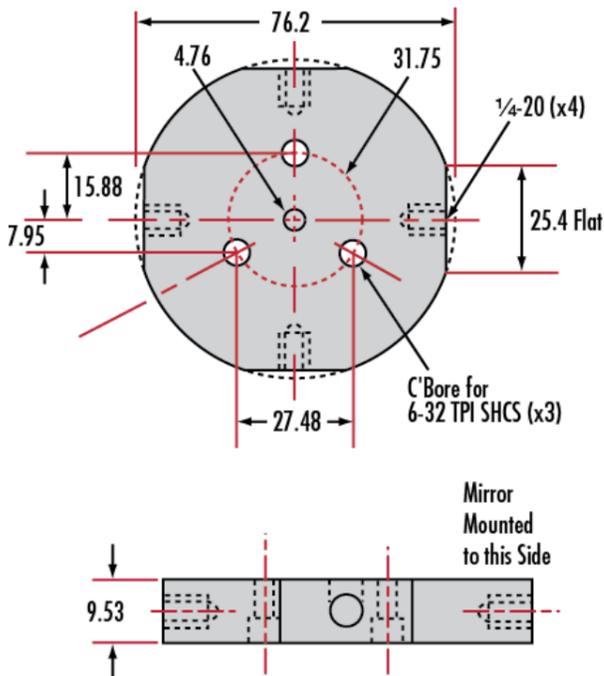
Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our Optics Cleaning Resources for step-by-step guides and best practices. For personalized assistance, Email us or Chat with our technical support team.

Component Handling Tools