

C1507 - January 28, 2016

Item # C1507 was discontinued on January 28, 2016. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

Ø1.5" POST KINEMATIC MOUNTS

- ▶ Kinematic Mounts for Ø2" or Ø3" Mirrors
- ▶ Two 80 TPI Adjusters for $\pm 5^\circ$ Adjustment
- ▶ Clamp to Ø1.5" Posts



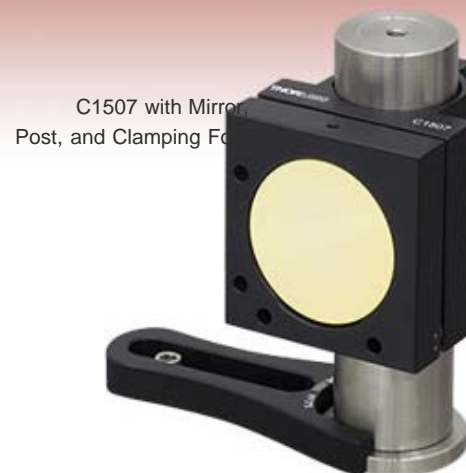
C1508
Ø3" Mirror Mount



C1507
Ø2" Mirror Mount



C1507
Back



C1507 with Mirror,
Post, and Clamping Foot

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OVERVIEW

Features

- Mount Large Diameter Optics to Rigid Ø1.5" Solid Steel Posts
- Lockable Brass Bushings Provide Smooth, Easy Adjustment
- $\pm 5^\circ$ Pitch and Yaw Adjustment Range via Two 1/4"-80 Actuators
- Fabricated from Black Anodized Aluminum
- Minimum Optic Thickness:
 - **C1507**: 0.22" (5.6 mm)
 - **C1508**: 0.15" (3.8 mm)

Ø1.5" Post Accessories

Construction Accessories

V-Mounts

Mounting Plates

Brackets / Platforms

Mirror Mounts

Large Diameter Mirrors

Plano Broadband Dielectric

Plano Metallic Silver

Plano Metallic Aluminum

Plano Metallic Gold

Concave Metallic

These post-mounted kinematic mirror mounts are designed to house large diameter optics. The C1507 accepts Ø2" (Ø50 mm) optics, while the C1508 accepts Ø3" (Ø75 mm) optics. Optics are secured in these mounts by a nylon-tipped setscrew. Both mounts are designed with heavy-duty springs to ensure mechanical stability while supporting the weight of the large diameter optics.

Vertical positioning is achieved by sliding the rear clamping mechanism along the length of a Ø1.5" post. Once the desired vertical position is achieved, the clamping mechanism can be actuated with a 3/16" (5 mm) hex key. The 1/4"-80 actuators offer an adjustment per revolution of 6 mrad/rev and can be adjusted using a 5/64" balldriver.

[Hide Part Numbers](#)

Part Number	Description	Price	Availability
C1507/M	Post-Mounted Ø2" (50 mm) Kinematic Mirror Mount, Metric	\$185.85	Lead Time
C1508/M	Post-Mounted Ø3" (75 mm) Kinematic Mirror Mount, Metric	\$207.90	Today
C1507	Post-Mounted Ø2" Kinematic Mirror Mount	\$185.85	Lead Time
C1508	Post-Mounted Ø3" Kinematic Mirror Mount	\$207.90	Today

Visit the *Ø1.5" Post Kinematic Mounts* page for pricing and availability information:

https://www.thorlabs.com/newgrouppage9.cfm?objectgroup_id=51