

C1506 - September 8, 2015

Item # C1506 was discontinued on September 8, 2015. 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 BRACKETS & PLATFORMS

- ▶ Construct Sturdy Platforms on Our Ø1.5" Solid Stainless Steel Posts
- ▶ Contains 1/4"-20 (M6) Taps, Clearance Holes, and Clearance Slots
- ▶ Coarse and Fine Height Adjustment Options

Application Idea
 Mounting Platform with Adjustable Height



[Hide Overview](#)

OVERVIEW

Features

- C1505/C1506: Provides a Rigid Horizontal Mounting Platform for our Ø1.5" Posts (sold separately)
- PSHA: Provides Fine Height Adjustment
- C15QR: Quick-Release Handle for Fast and Repeated Positioning of Post Clamps

The C1505 and C1506 manually adjusted horizontal mounting platforms are a perfect alternative to our precision Lab Jacks when exact positioning is not required. Both platforms offer a generous array of 1/4"-20 (M6) mounting holes. When final positioning is achieved the clamp locking mechanism is actuated with a 3/16" (5 mm) hex key or balldriver.

The PSHA Adjustable Height Collar offers increased control over positioning. The PSHA acts as a height "nudger" with a resolution of 0.025" (0.64 mm) per revolution of the actuator ring.

A quick-release handle is also available that allows for a simple and reliable way of securing these clamps to a post. It is easily installed by replacing the 1/4"-20 (M6) locking screw in the post clamp. The 2.03" (51.4 mm) long handle contains a 1/4"-20 (M6) threaded stud that engages the part by simply rotating the handle.

Ø1.5" Post Accessories
Construction Accessories
V-Mounts
Mounting Plates
Brackets / Platforms
Mirror Mounts



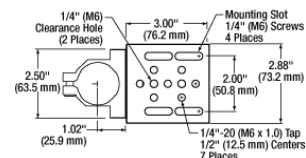
[Hide Ø1.5" Mounting Post Bracket](#)

Ø1.5" Mounting Post Bracket



C1505 fits any Ø1.5" diameter post. The angle bracket provides an array of mounting options including seven 1/4"-20 (M6) mounting holes, two 1/4" (M6) clearance holes, and four 1/4" (M6) clearance slots. Once the platform height has been established the post clamping mechanism is actuated with a 3/16" (5 mm) hex key or balldriver.

Please note that posts and bases are sold separately.



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Part Number	Description	Price	Availability
C1505/M	Mounting Ø1.5" Mounting Post Bracket	\$97.30	Today
C1505	Ø1.5" Mounting Post Bracket	\$97.30	3-5 Days

[Hide Ø1.5" Adjustable Platform](#)

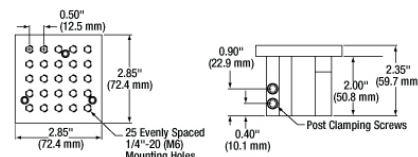
Ø1.5" Adjustable Platform



This manually-adjusted platform is intended for applications that do not require the precision or flexibility of a laboratory jack. When locked, this platform provides a very stable 3" x 3" (75 mm x 75 mm) work surface at a fraction of the cost of a lab jack.

Two 1/4"-20 (M6) cap screws are provided for establishing the platform height. The top cap screw is provided to add pre-tension. This allows the user to set how loose the clamp will be when sliding it down the post. The bottom cap screw is used to secure the clamp in place once the desired height has been reached. The clamping mechanism is actuated with a 3/16" (5 mm) hex key or balldriver.

Please note that posts and bases are sold separately.



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Part Number	Description	Price	Availability
C1506/M	Ø1.5" Adjustable Height Platform, Metric	\$93.45	3-5 Days
C1506	Ø1.5" Adjustable Height Platform	\$96.30	Today

[Hide Ø1.5" Adjustable Height Collar](#)

Ø1.5" Adjustable Height Collar



The PSHA adjustable height P-post collar offers a convenient height adjustment for post mounted hardware. An easy-to-access actuator ring allows fine height adjustment at 0.025" (0.64 mm) per revolution. The photo to the right shows the PSHA on a Ø1.5" Post below the C1505 Mounting Post Bracket (sold above).



[Click to Enlarge](#)

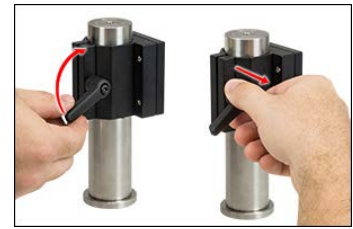
Part Number	Description	Price	Availability
PSHA	Adjustable Height Collar	\$62.70	Today

[Hide Quick-Release Handle](#)

Quick-Release Handle



- ▶ Quick-Release Handle for Fast and Repeated Positioning of Post Clamps
- ▶ Compatible with Ø1" (Ø25.0 mm) or Ø1.5" Post Clamps that Incorporate a 1/4"-20 (M6) Clamping Screw
- ▶ Provides More Control and Feel when Locking and Unlocking a Clamp
- ▶ Handle can be Rotated Without Actuating the Locking Screw
- ▶ 1/4"-20 (M6) Threads



[Click for Details](#)

Left: Handle Being Attached to the C1501 Post Mounting Clamp

Right: Pull Back to Rotate the Position of the Handle

The C15QR(M) Quick-Release Handle provides a simple and reliable way of securing a flexure-based Ø1" (Ø25.0 mm) or Ø1.5" post clamp. In many cases a cap screw is used to lock a flexure-based clamp in place on a post, which requires a balldriver for adjustments. Depending on the mounted load, using a balldriver can be difficult, or even unsafe. This quick-release handle mitigates this problem by allowing the clamp to be hand-tightened, ensuring better control over the amount of torque applied to tighten or loosen the clamp. This also decreases the amount of time needed for basic setup and alignment by eliminating the need for additional balldrivers and allowing for a quick way to secure a clamp.

Easily installed by replacing the 1/4"-20 (M6) locking screw in a post clamp, the 2.03" (51.4 mm) long handle contains a 1/4"-20 (M6) threaded stud that engages a part by rotating the handle. Once the handle is tightened to secure a clamp to a post, the internal ratchet-type mechanism allows for the handle's rotational position to be adjusted without actuating the mounting stud. Simply pull the handle outwards to disengage it from the mounting stud, as shown in the image to the right, then rotate it to a more convenient position. This feature ensures that the handle will always be accessible to the user.

Part Number	Description	Price	Availability
C15QR/M	NEW! Quick Release Handle for Ø25.0 mm or Ø1.5" Post Clamps, M6 Threads	\$9.50	Today
C15QR	NEW! Quick-Release Handle for Ø1" or Ø1.5" Post Clamps, 1/4"-20 Threads	\$9.50	Today

Visit the [Ø1.5" Post Brackets & Platforms](#) page for pricing and availability information:

http://www.thorlabs.com/newgrouppage9.cfm?objectgroup_id=1310