

1.75" Adapter Plate Assembly



Stock **#53-923** 2 In Stock

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1

+

S\$74^{.67}

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SPECIFICATIONS

Physical & Mechanical Properties

Black Anodized Aluminum

Construction:

Threading & Mounting

Mounting Threads:

(1) 1/4-20, (2) 6-32, (2) 1/4-20 S.H.C.S Slots

Regulatory Compliance

Compliant

RoHS 2015:

View

Certificate of Conformance:

PRODUCT DETAILS

- Designed for Our Linear Positing Stages and Slides
- Centered 1/4-20 Hole Enables Use with Posts and Post Holders

Our line of adapter plates are designed for our linear positioning stages and slides to permit a variety of breadboard applications. Convenient counterbored slots offer plenty of clearance room while allowing for adjustment of position. Although designed for direct mounting to a breadboard, each has a centered 1/4-20 mounting hole for vertical positioning with our posts and post holders. The mounting holes "E" separated by dimension "F" match the slide/stage base counterbored mounting holes. Use dimension "A" to match the width for ball stages (not all slides conform to this).

Note: Stock number [#53-922](#) has no slots, only 4 c'bored clearance holes for #1/4 SHCS.

For use with our [translation stages](#) and [ball bearing slides](#).

This precision-machined adapter plate enables secure and flexible integration of linear positioning stages, slides, and breadboard-mounted systems. The centered 1/4-20 threaded hole supports vertical mounting using standard optical posts and post holders. Ideal for creating modular setups in lab environments, this adapter plate offers compatibility with a wide range of motion control components. The counterbored slots ensure adjustability while maintaining a stable, flush connection, making it a versatile solution for prototyping, alignment systems, or research instrumentation.

FAQ(s)

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What components is this adapter plate compatible with?

It's designed to interface with Edmund Optics' linear translation stages, ball bearing slides, standard breadboards, and optical posts.
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Can this adapter plate be used for vertical setups?

Yes, the centered 1/4-20 mounting hole allows secure vertical mounting with standard posts and post holders.
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What makes this adapter plate adjustable?

The counterbored slots provide adequate clearance, allowing for fine adjustment of the mounting position during setup or alignment.
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Does this plate support direct mounting to optical tables or breadboards?

Yes, it's fully compatible with common breadboard hole patterns for direct and stable mounting.

TECHNICAL INFORMATION

