

2.62" Adapter Plate Assembly



Stock **#53-924** 20+ In Stock

-

1

+

₹3,631

ADD TO CART

Volume Pricing	
Qty 1+	₹3,631 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

Physical & Mechanical Properties

Black Anodized Aluminum

Construction:

Threading & Mounting

(3) 1/4-20, (2) 1/4-20 S.H.C.S Slots

Mounting Threads:

Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
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)

- 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.
- 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.
- What makes this adapter plate adjustable?**
The counterbored slots provide adequate clearance, allowing for fine adjustment of the mounting position during setup or alignment.
- 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

	A	B	C	D	E	F	Stock No.
1.25" Adapter Plate Assembly	1.25"	2.75"	2.00"	1.00"	4-40	0.88"	#53-922
1.75" Adapter Plate Assembly	1.75"	3.75"	3.00"	1.00"	6-32	1.12"	#53-923
2.62" Adapter Plate Assembly	2.62"	4.75"	4.00"	2.00"	1/4-20	2.00"	#53-924
5.00" Adapter Plate Assembly	5.00"	6.75"	6.00"	4.00"	1/4-20	4.00"	#53-925

The technical drawing illustrates the adapter plate from two perspectives: a top view and a side view. The top view shows a rectangular plate with a central 1/4-20 TPI (centered) mounting hole. Two mounting holes, labeled '2 Mtg. holes E thread', are positioned symmetrically on either side of the center. The plate features two counterbored slots at the top and bottom, labeled '2 slots for 1/4-20 S.H.C.S.'. Dimensions are indicated: A is the total width, B is the total height, C is the distance between the mounting holes, D is the width of the central hole, E is the diameter of the mounting holes, and F is the distance between the counterbored slots. The side view shows the plate's thickness, with a 0.375 inch dimension for the top section and a 0.375 inch dimension for the bottom section. The central hole is shown in cross-section, revealing the 1/4-20 thread.