

TECHSPEC[®] 40mm, Center Drive, Standard Top, English Stage



40mm, 0.5" Travel, Lead Screw Drive Stage (Center Drive)

Stock **#66-402** **2 In Stock**

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1

+

S\$530¹⁹

ADD TO CART

Volume Pricing	
Qty 1-2	S\$530.19 each
Qty 3+	S\$462.83 each
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SPECIFICATIONS

General

Type:

English

Physical & Mechanical Properties

Type of Movement:

Linear (X)	
Crossed Roller Bearing	Guide System:
Center Drive	Drive Orientation:
40 x40	Stage Size (mm):
0.5	Travel (inches):
1/4-20	Center Hole:
Aluminium Stage	Construction:
0.5	Leadscrew Pitch (mm):
4	Load Capacity (kg):
1.57 x 1.57	Stage Size (inches):
2	Straight Line Accuracy (µm):
30	Pitch (arcsec):
25	Yaw (arcsec):
Hardware & Interface Connectivity	
Lead Screw	Type of Drive:
Threading & Mounting	
(1) 1/4-20, (4) 6-32, (8) 2-56	Mounting Threads:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

PRODUCT DETAILS

Z bracket is sold separately for Z-axis setup. **Bottom adapter plate**, sold separately, is required to mount to a standard breadboard.

- Four Sizes Ranging from 30 x30mm to 125 x 125mm
- English and Metric Hole Patterns Available
- Micrometer and Lead Screw Drive Options
- Easily Configured into X-Y and X-Y-Z Configurations

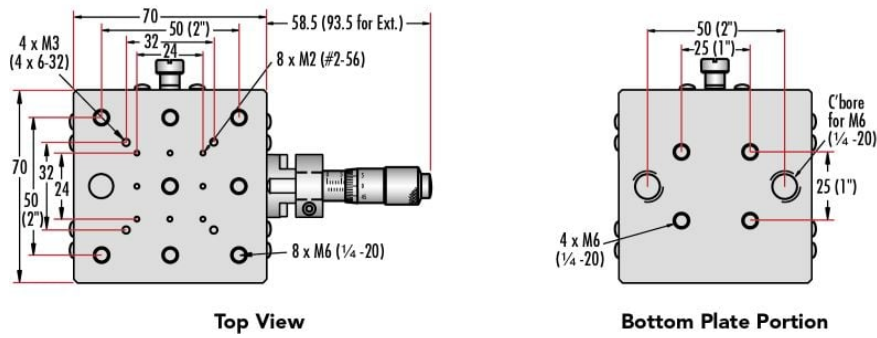
TECHSPEC® Crossed-Roller Bearing Linear Translation Stages (Standard-Top Model) feature an advanced crossed roller bearing guide system, which provides a high level of accuracy, rigidity and load capacity. This advanced guide system allows for these stages to offer precise positioning with straight line accuracy of 2µm. TECHSPEC® Crossed-Roller Bearing Linear Translation Stages (Standard-Top Model) are designed to integrate with other stage sizes as well as with TECHSPEC® Manual Translation Stages, providing enhanced flexibility and allowing the user to create any number of axes in different configurations. The standard-top model of these translation stages are available with an English 1/4-20 TPI hole pattern and Metric hole pattern model with an M6 center mounting hole.

All translation stages are class 100 (ISO 5) clean room compatible and available with a micrometer or lead screw drive with either center or side drive configuration. Leadscrew drives offer 0.5mm pitch. Metric micrometers offer 0.5mm pitch with 0.01mm divisions, and English micrometers offer 0.025" pitch with 0.001" divisions.

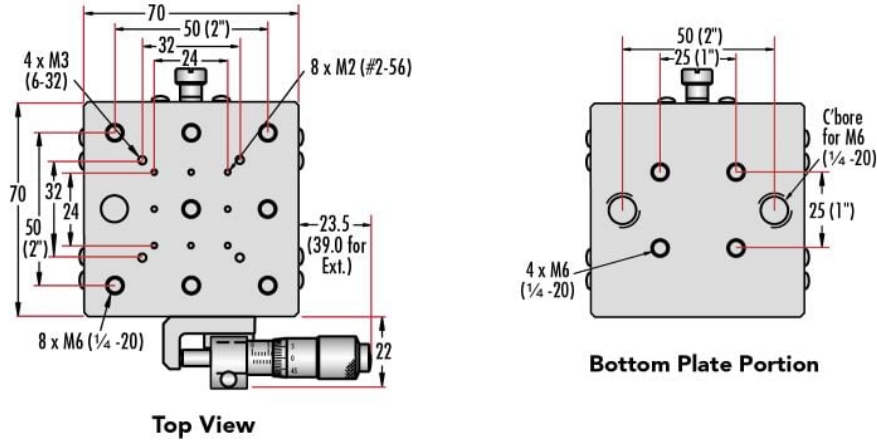
TECHSPEC Z-Axis Brackets are available to use with our translation stages to configure your own X-Y-Z multi-axis positioning system. TECHSPEC Bottom Adapter Plates provide an easy and convenient way of mounting 30mm and 40mm stages to standard breadboards. No adapter plate is required for our 70mm and 125mm translation stages which can be mounted directly onto breadboards.

TECHNICAL INFORMATION

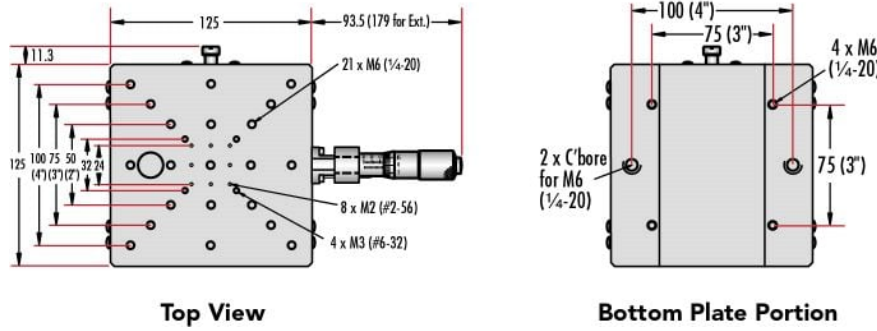
70mm Standard-Top Stages - Center Drive



70mm Standard-Top Stages - Side Drive



125mm Standard-Top Stages - Center Drive



125mm Standard-Top Stages - Side Drive

