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TECHSPEC[®] 40mm, Side Drive, Standard Top, Metric Micrometer Stage



TECHSPEC[®] Crossed-Roller Bearing Linear Translation Stages (Standard-Top Model)



[+2](#)

Stock #66-412 14 In Stock

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1

+

₹34,102

 Price inclusive of all taxes

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Volume Pricing	
Qty 1-2	₹34,102 each
Qty 3+	₹29,731 each
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General

Type:

Metric

Physical & Mechanical Properties

Type of Movement:

Linear (X)

Crossed Roller Bearing	Guide System:
Side Drive	Drive Orientation:
40 x40	Stage Size (mm):
13	Travel (mm):
M6 x 1	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

Metric Micrometer	Type of Drive:
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Threading & Mounting

(1) M6 x1, (4) M3 x0.5, (8) M2 x0.4	Mounting Threads:
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Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:
Japan	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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

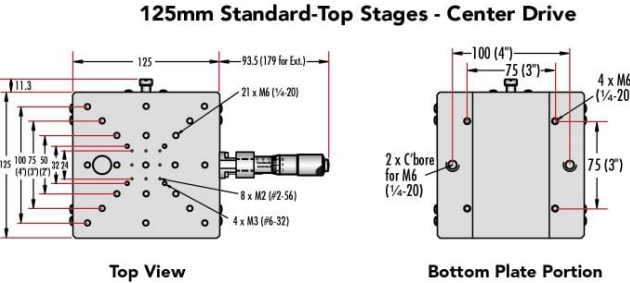
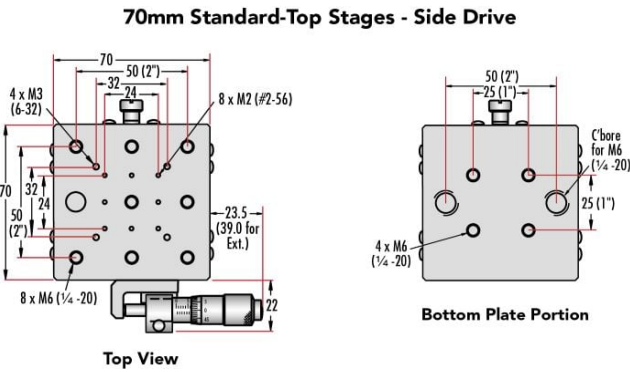
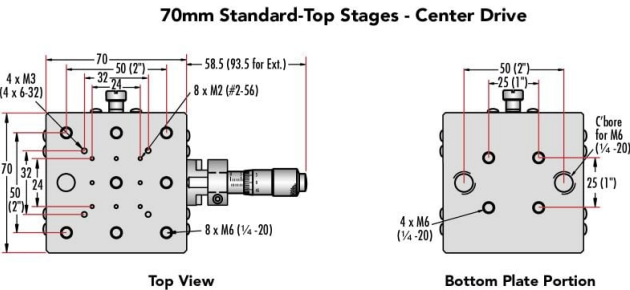
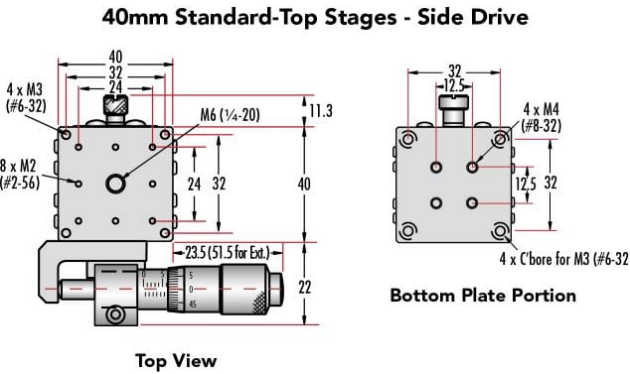
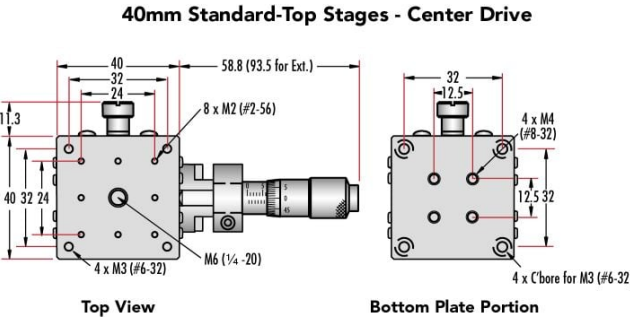
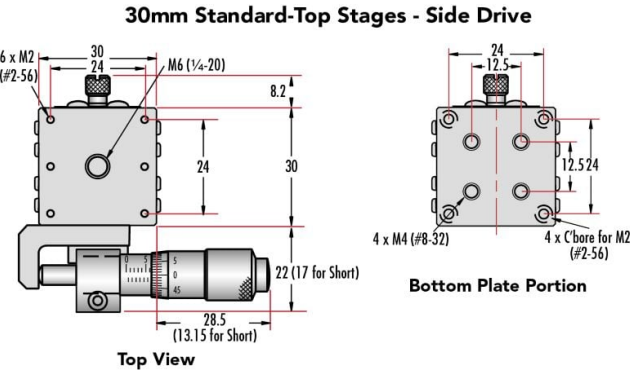
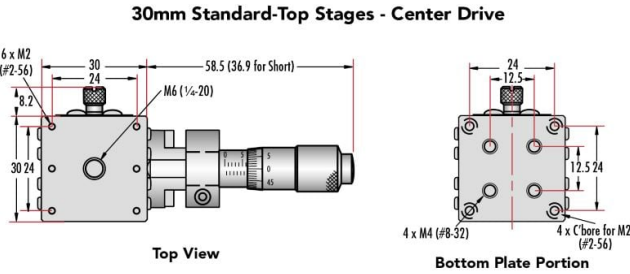
TECHSPEC® Crossed-Roller Bearing Linear Translation Stages (Standard-Top Model) feature an advanced crossed roller bearing guide system, which provides a high level of accuracy, rigidity and load capacity. This advanced guide system allows for these stages to offer precise positioning with straight line 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

		Top Stage															
Bottom Stage		30mm Linear Dovetail	30mm Linear	30mm Vertical	30mm Ry/Tilt	30mm Gonimeter	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Ry/Tilt	40mm Gonimeter	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Ry/Tilt
		Compatible	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Compatible	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Compatible	Compatible	Compatible	Compatible
30mm	30mm Linear Dovetail																
	30mm Linear																
	30mm Vertical																
	30mm Tip/Tilt																
	30mm Gonimeter																
	30mm Rotary																
	40mm Linear Dovetail																
	40mm Linear																
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	70mm Gonimeter																
	70mm Rotary																
	125mm Linear																
	125mm Vertical																
	125mm Tip/Tilt																
	125mm Rotary																
	125mm Linear																
	125mm Vertical																



125mm Standard-Top Stages - Side Drive

