

TECHSPEC[®] 70mm, Side Drive, Standard Top, English Extended Micrometer



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



Stock **#66-431** [CONTACT US](#)

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1

+

S\$799^{.02}

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Volume Pricing	
Qty 1-2	S\$799.02 each
Qty 3+	S\$697.31 each
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SPECIFICATIONS

General

English

Type:

Physical & Mechanical Properties	
Linear (X)	Type of Movement:
Crossed Roller Bearing	Guide System:
Side Drive	Drive Orientation:
70 x 70	Stage Size (mm):
1	Travel (inches):
1/4-20	Center Hole:
Aluminium Stage	Construction:
0.635	Leadscrew Pitch (mm):
8	Load Capacity (kg):
2.75 x 2.75	Stage Size (inches):
2	Straight Line Accuracy (µm):
30	Pitch (arcsec):
25	Yaw (arcsec):

Hardware & Interface Connectivity

English Micrometer	Type of Drive:

Threading & Mounting

(8) 1/4-20, (4) 6-32, (8) 2-56	Mounting Threads:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

PRODUCT DETAILS

- Four Sizes Ranging from 30 x 30mm 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.

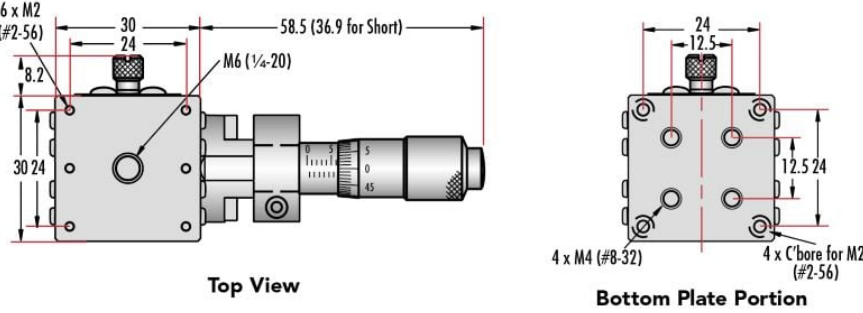
All translation stages are class 100 (ISO 5) clean room compatible and available with a micrometer or lead screw drive with either center or side drive configuration. Leadscrew drives offer 0.5mm pitch. Metric micrometers offer 0.5mm pitch with 0.01mm divisions, and English micrometers offer 0.025" pitch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

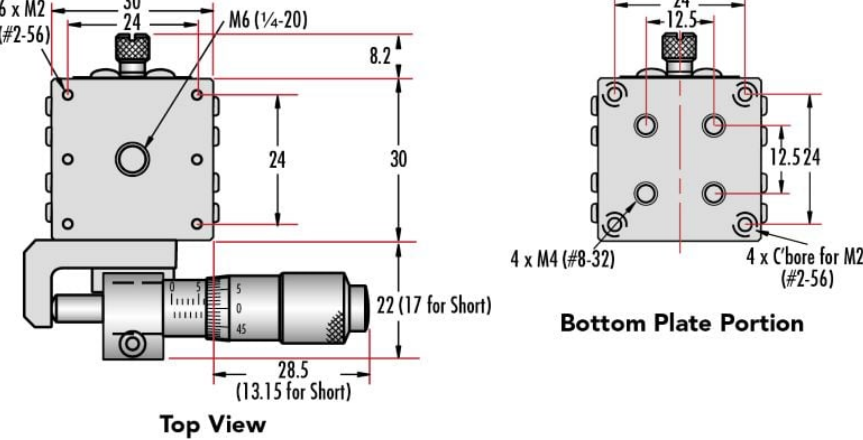
TECHNICAL INFORMATION

		Top Stage															
Bottom Stage		30mm Linear Dovetail	30mm Linear	30mm Vertical	30mm Tip/Tilt	30mm Goniometer	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Tip/Tilt
		30mm Goniometer	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Tip/Tilt	70mm Goniometer	70mm Rotary	125mm Linear	125mm Vertical
		125mm Tip/Tilt	125mm Rotary														
		125mm Tip/Tilt	125mm Rotary														
Bottom Stage	30mm Linear Dovetail																
	30mm Linear																
	30mm Vertical																
	30mm Tip/Tilt																
	30mm Goniometer																
	30mm Rotary																
	40mm Linear Dovetail																
	40mm Linear																
	40mm Vertical																
	40mm Tip/Tilt																
	40mm Goniometer																
	40mm Rotary																
	65mm Linear Dovetail																
	70mm Linear																
	70mm Vertical																
	70mm Tip/Tilt																
	70mm Goniometer																
	70mm Rotary																
	125mm Linear																
	125mm Vertical																
	125mm Tip/Tilt																
	125mm Rotary																

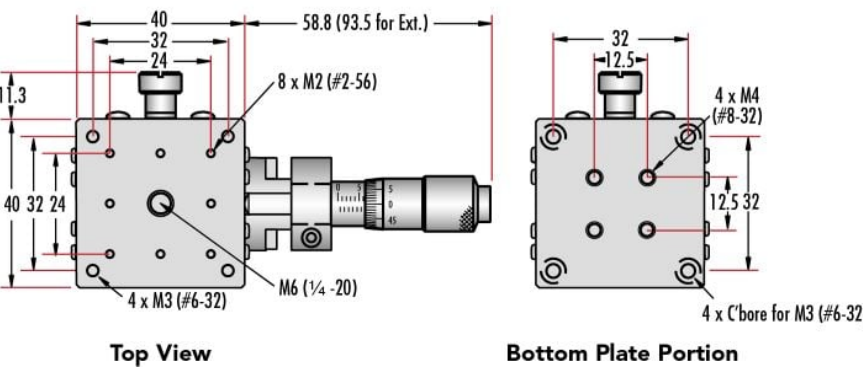
30mm Standard-Top Stages - Center Drive



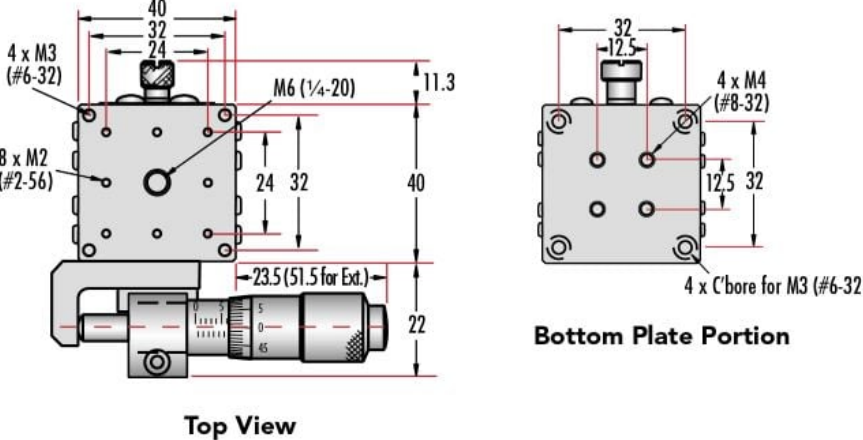
30mm Standard-Top Stages - Side Drive



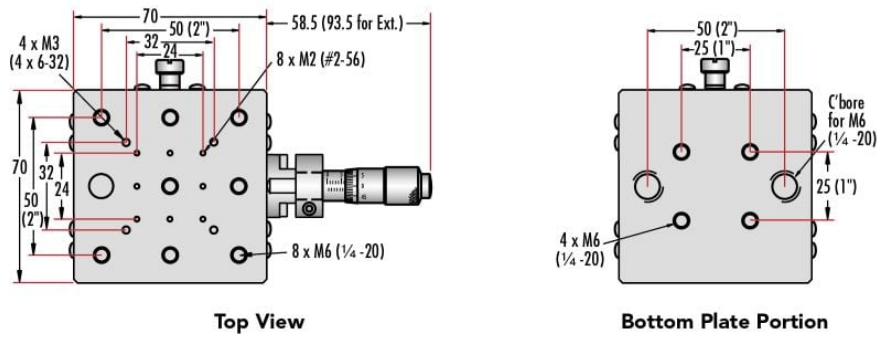
40mm Standard-Top Stages - Center Drive



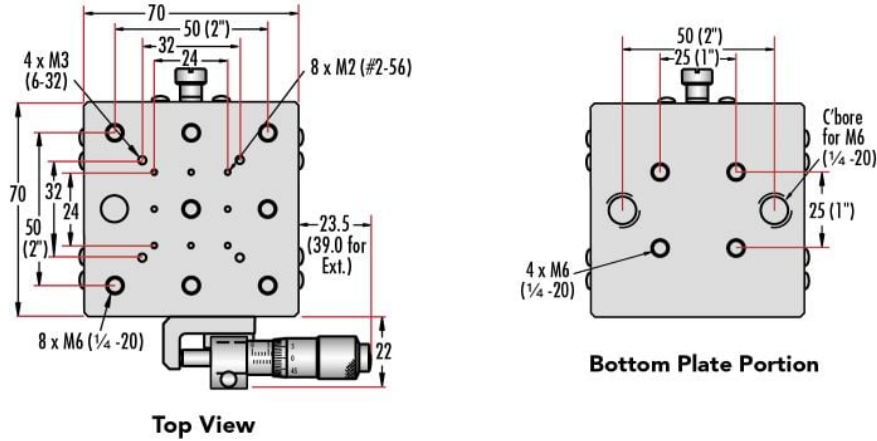
40mm Standard-Top Stages - Side Drive



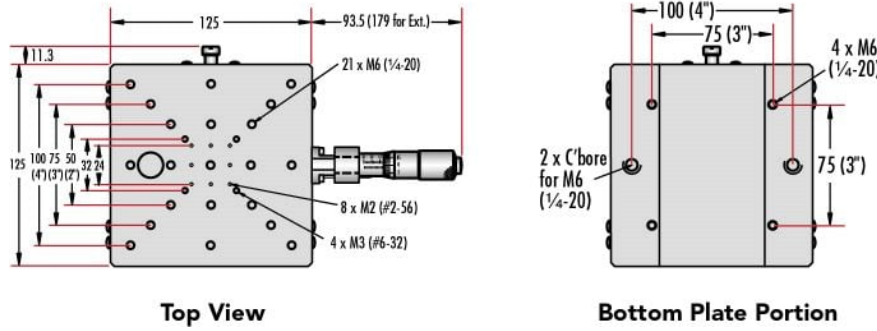
70mm Standard-Top Stages - Center Drive



70mm Standard-Top Stages - Side Drive



125mm Standard-Top Stages - Center Drive



125mm Standard-Top Stages - Side Drive

