

TECHSPEC® Two Knob Stage & 12" Track Combination

Stock #59-338 **13 In Stock**



1

C\$487^{.20}

ADD TO CART

One Knob Stage and Track Combination



Volume Pricing	
Qty 1+	C\$487.20 each
Need More?	Request Quote

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	eDrawing:eprt
EO Spec Sheet	Download All

General

Type: English	Note: Track & Two Knob Carrier Set
----------------------	---

Physical & Mechanical Properties

Type of Movement: Linear (X)	Stage Size (mm): 62 x 60
Travel (inches): 12	Construction: Black Anodized Aluminum
Graduation (inches): Track: 0.1 Vernier Reading: 0.01	Load Capacity, Normal (kg): 5
Load Capacity, Vertical (kg): 2	S.H.C.S. C'bore: (6) 0.27" Thru on Track
Straight Line Accuracy (mm): 0.1 - 0.25	Travel Per Knob Rotation (inches): 0.71

Hardware & Interface Connectivity

Type of Drive: Rack and Pinion

Threading & Mounting

Mounting Threads: (9) 1/4-20 on Carrier
--

Regulatory Compliance

RoHS 2015: Exempt	Reach 224: Contains SVHC(s)
Certificate of Conformance: View	

Product Details

- Carriers Feature One or Two Knobs, with English or Metric Mounting Hole Patterns
- Available with Both English and Metric Track Lengths

- Preassembled Common Carrier and Track Combinations are Available
- Vernier Scales of 0.01" or 0.1mm Resolution

TECHSPEC® Long Travel Rack and Pinion Stages are designed to allow for easy, long, linear adjustments while also maintaining precision and control. Available in English or Metric versions, these stages can be easily integrated into any system requiring controlled coarse positioning adjustments. Each track features an extruded dovetail design with a helical rack and pinion mechanism, ensuring smooth adjustments that can be locked with the included tension screw and Allen wrench. All TECHSPEC® Long Travel Rack and Pinion Stages feature a Vernier scale with a resolution of 0.01" or 0.1mm for accurate repeatable adjustments. Tracks feature either ¼"-20 or M6 counter bored holes for mounting directly to a standard breadboard.

Note: Tracks and Carriers are available separately. English carriers can be used for Metric tracks and vice versa. For vertical configurations, use the Z-Axis Configuration Bracket ([#11-165](#)) which is compatible with both English and Metric Tracks and can be mounted to Metric or English bench plates/breadboards.

Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

▲	Title	Compare	Stock Number	Price	Buy
MORE+	Z-Axis Configuration Bracket for Long Travel Rack & Pinion Track		#11-165	C\$350.00 Request Quote	10 In Stock <input type="text" value="1"/>

Related Products



Vertical Translation Stages



Rotary Stages



Goniometers



English and Metric Breadboards

Frequently Purchased Together



#03-638 - 24" x 4", Breadboard
C\$285.60

Qty



#03-641 - 36" x 4", Breadboard
C\$403.20

Qty



#03-644 - ¼-20 x ½"
Setscrew, 12/Pack
C\$17.15

Qty



#03-676 - 7.0 - 40.0 Optic Height,
English Bar-Type Optic Holder
C\$148.40

Qty

Resources

Media Type

- Video
- FAQ
- Glossary
- Application Note

▶ VIDEO
Important
Concepts for
Selecting
Manual...

▶ VIDEO
Multi-Axis
Translation
Stage
Confiauratio...

▶ VIDEO
Multi-Axis
Translation
Stage
Confiauratio...

▶ VIDEO
Translation
Stage
Specifications
to Know

? FAQ
How do I
mount a ball
bearing linear
translation...

? FAQ
Do you sell X-Z
translation
staaes?

[View More](#)