

0.5" Width, Metric Dovetail Carrier



0.5" Width, Metric Dovetail Carrier (#11-160)

Stock **#11-160** 8 In Stock

-

1

+

₹5,795

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Volume Pricing	
Qty 1-4	₹5,795 each
Qty 5+	₹5,406 each
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Product Downloads

General	
Metric	Type:
Carrier	Note:
Physical & Mechanical Properties	
Linear (X)	Type of Movement:
	Guide System:

Dovetail	
0.5	Length (inches):
	Length (mm):
12.70	
Construction:	
Black Anodized Aluminum	
Hardware & Interface Connectivity	
Type of Drive:	
Manual	
Threading & Mounting	
Mounting Threads:	
(3) M6 x 1.0 on 25mm	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
REACH 241:	
Compliant	
Country of Origin:	
China	
Imported By:	
Edmund Optics India Private Limited	

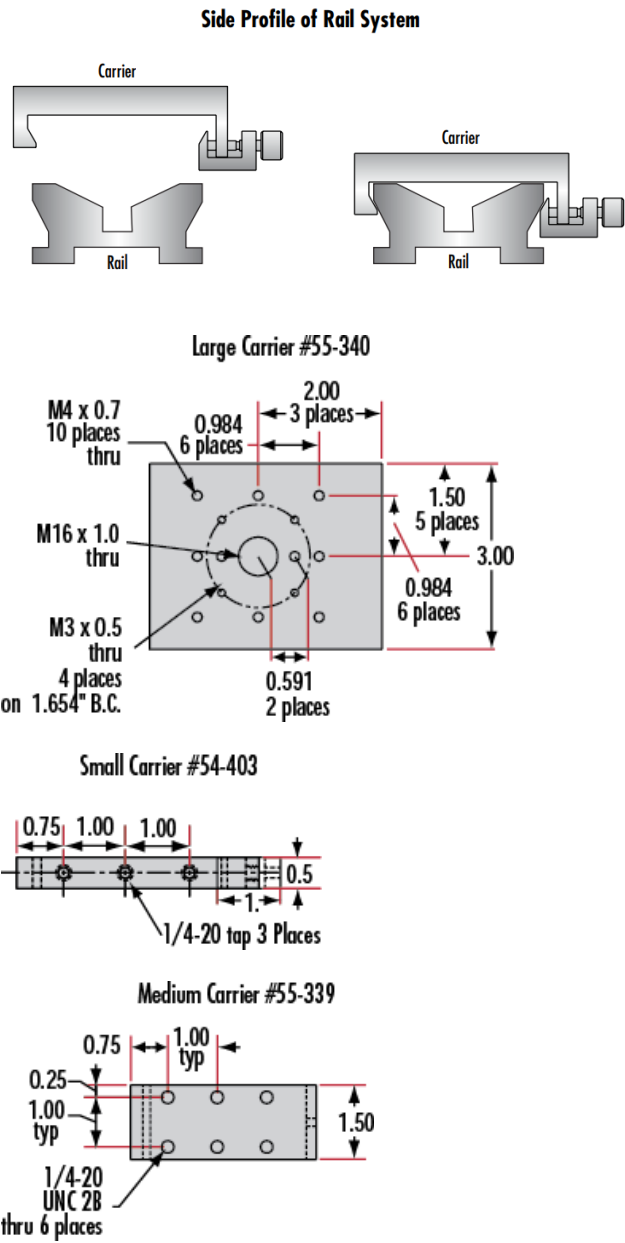
Product Details

- Wide Range of Carrier Length and Mounting Hole Options Available
- Low Profile Design with Smooth Movement
- Increased Stability and <1mrad Straight Line Accuracy

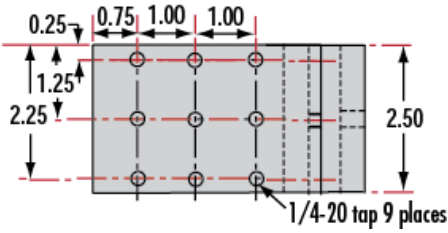
Dovetail Optical Rail Systems are designed for easy and stable installation and positioning of various optical components along the same axis. The rails feature slotted holes that allow them to be fixed to standard 1/4-20 TPI and M6 breadboards or optical tables. Carriers are available with different lengths and hole patterns to meet various mounting needs including options that are directly compatible with our TECHSPEC® Manual Stages for precision alignment. Carriers utilize a unique two-piece design to prevent the locking screws from contacting the rail and to allow easy attachment and removal. All Dovetail Optical Rail System parts are constructed of black anodized aluminum to minimize stray reflections or glare.

Note: Rails and carriers are sold separately.

Technical Information



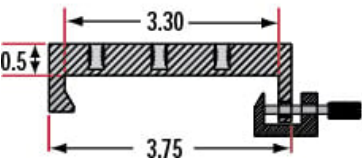
Large Carrier #55-404



Medium Carrier #55-341



Common Side Profile



Stock No.	L	A	B	C	D	# Slots	# C'bores
#54-401	12	6	4	—	—	3	—
#54-402	36	18	16	4	6	5	2

Dovetail Optical Rail

Technical drawing of a Dovetail Optical Rail. The drawing shows a cross-section of a component with a central slot. The dimensions are: overall width 3.00, overall height 0.75. The central slot has a width of 1.50 and a depth of 0.25. The distance from the left edge to the center of the slot is 0.75. The distance from the right edge to the center of the slot is 0.75. The overall length is L. The drawing also shows a side view with dimensions: 2.30 (58.42) from the left edge to the center of the slot, 1.70 (43.18) from the center of the slot to the right edge, and 0.40 (10.16) from the bottom edge to the center of the slot. The overall height is 1.50 (38.1). The overall width is 3.00 (76.2). The overall length is L.

Units: inches