

40mm Precision Stage, Metric Dovetail Carrier



40mm Precision Stage, Metric Dovetail Carrier

Stock **#12-509** 20+ In Stock

-

1

+

C\$184⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-9	C\$184.80 each
Qty 10+	C\$163.66 each
Need More?	Request Quote

Product Downloads

General

Metric

Type:

Carrier

Note:

Physical & Mechanical Properties

Linear (X)

Type of Movement:

Guide System:

Dovetail	
1.57	Length (inches):
40.00	Length (mm):
Black Anodized Aluminum	Construction:

Hardware & Interface Connectivity

	Type of Drive:
Manual	

Threading & Mounting

	Mounting Threads:
(4) M3 x 0.5, (8) M2 x 0.4, (1) M6 x 1.0	

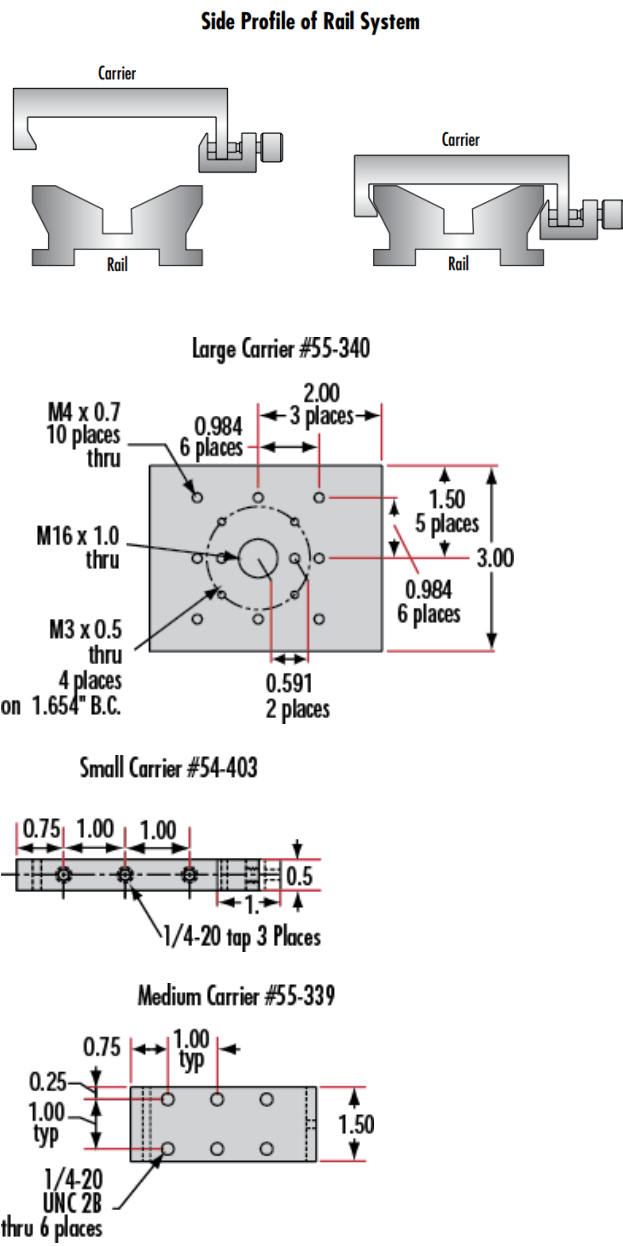
Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	REACH 241:
Compliant	

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 ¼-20 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

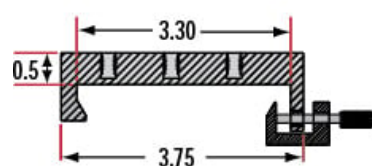


Technical drawing of a rectangular plate with dimensions and hole specifications:

- Overall width: 2.50
- Overall height: 2.25
- Hole diameter: 0.25
- Horizontal spacing between hole centers: 0.75, 1.00, 1.00
- Vertical spacing between hole centers: 1.25
- Number of holes: 9 (3 rows by 3 columns)
- Thread specification: 1/4-20 tap 9 places

Technical drawing of a rectangular plate with the following specifications:

- Overall width: 1.75
- Overall height: 2.00
- Top hole: M2 x 0.4 thru 4 places, diameter 0.787 typ, vertical position 1.26 typ from top edge.
- Bottom hole: M3 x 0.5 thru 4 places, diameter 0.787 typ, vertical position 1.26 typ from bottom edge.
- Central hole: M16 x 1.0 thru, diameter 0.787 typ, horizontal position 0.787 typ from center line.



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

