

24" Length, Dovetail Optical Rail



12" Length, Dovetail Optical Rail, #54-401

Stock #11-159 **20+ In Stock**

⊖ 1 ⊕ £210⁰⁰

ADD TO CART

Volume Pricing

Qty 1-4	£210.40 each
Qty 5+	£200.64 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Universal (Metric & English) **Type:**
Rail **Note:**

Physical & Mechanical Properties

Linear (X) **Type of Movement:**

	Guide System:
Dovetail	
	Travel (mm):
609.6	
	Travel (inches):
24	
	Length (inches):
24	
	Length (mm):
609.60	
	Construction:
Black Anodized Aluminum	

Hardware & Interface Connectivity

	Type of Drive:
Manual	

Threading & Mounting

	Mounting Threads:
C'bore Holes and Slots only for 1/4" (or M6) S.H.C.S	

Regulatory Compliance

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

Product Details

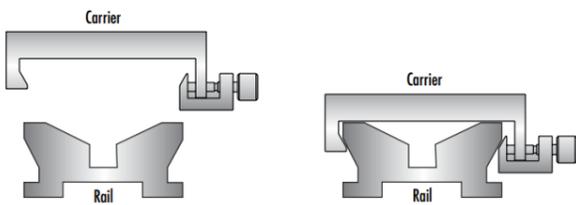
- Wide Range of Carrier Length and Mounting Hole Options Available
- Low Profile Design with Smooth Movement
- Increased Stability and <1mrad Straight Line Accuracy

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 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.

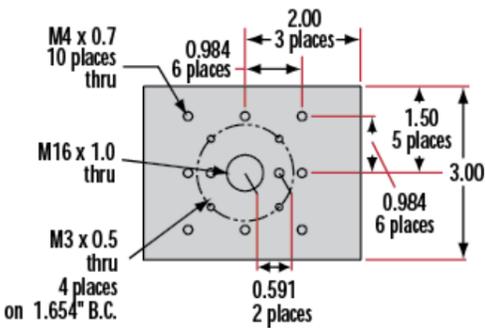
Note: Rails and carriers are sold separately.

Technical Information

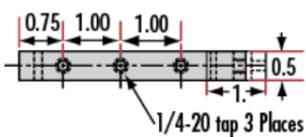
Side Profile of Rail System



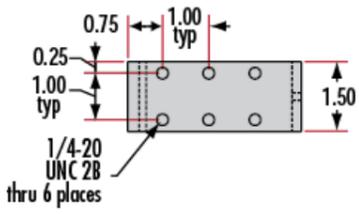
Large Carrier #55-340



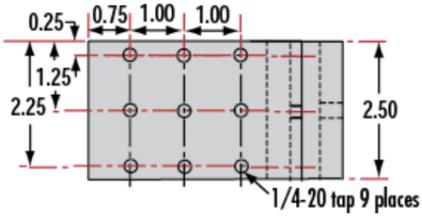
Small Carrier #54-403



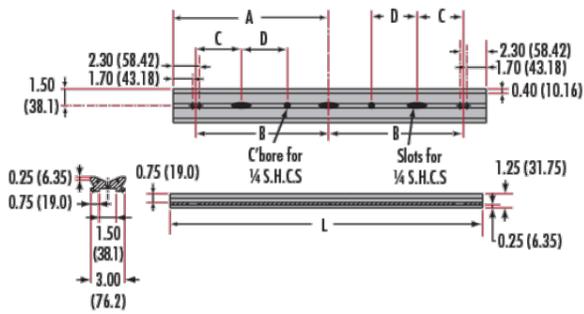
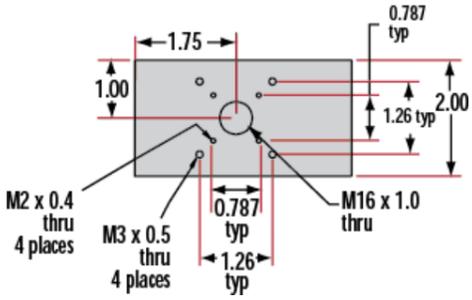
Medium Carrier #55-339



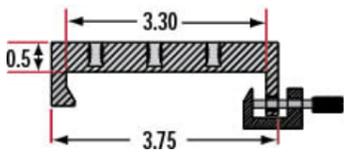
Large Carrier #55-404



Medium Carrier #55-341

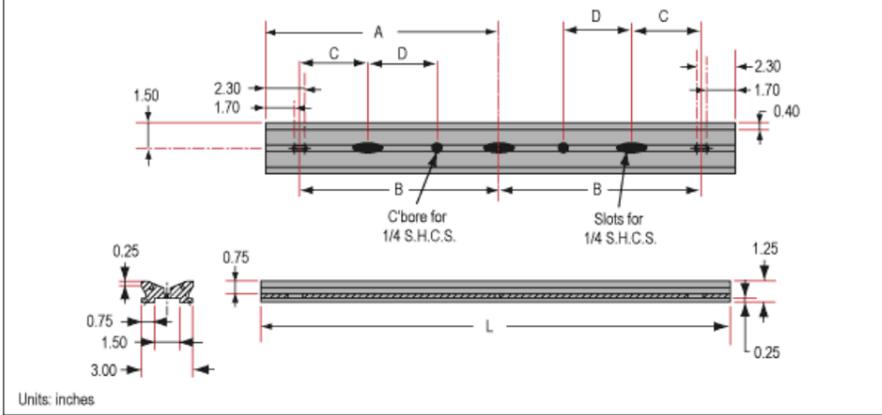


Common Side Profile



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

Dovetail Optical Rail



Units: inches