

## 24" Length, Dovetail Optical Rail



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

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

⊖ 1 ⊕ **\$368.20**

**ADD TO CART**

### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1-4    | <b>\$368.20</b> each          |
| Qty 5+     | <b>\$351.12</b> each          |
| Need More? | <a href="#">Request Quote</a> |

### Product Downloads

### General

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

Rail **Note:**

### Physical & Mechanical Properties

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

**Guide System:**

|                         |                  |
|-------------------------|------------------|
| Dovetail                |                  |
| 609.6                   | Travel (mm):     |
| 24                      | Travel (inches): |
| 24                      | Length (inches): |
| 609.60                  | Length (mm):     |
| Black Anodized Aluminum | Construction:    |

## Hardware & Interface Connectivity

|        |                |
|--------|----------------|
| Manual | Type of Drive: |
|--------|----------------|

## Threading & Mounting

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

## Regulatory Compliance

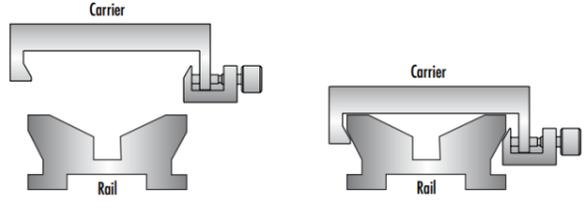
|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | REACH 241:                  |

## Product Details

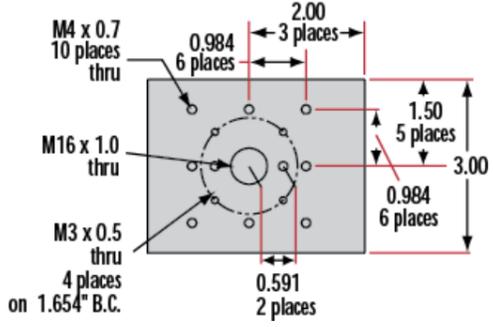
- Wide Range of Carrier Length and Mounting Hole Options Available
  - Low Profile Design with Smooth Movement
  - Increased Stability and <1mrad Straight Line Accuracy
- Dovetail Optical Rail Systems are designed for easy and stable installation and positioning of various optical components along the 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

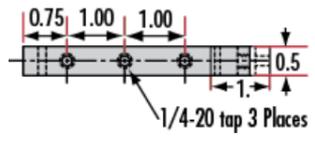
Side Profile of Rail System



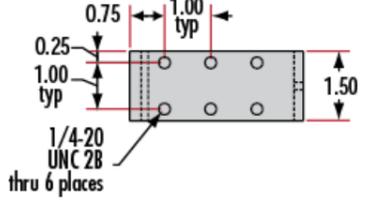
Large Carrier #55-340



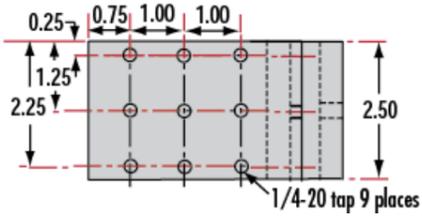
Small Carrier #54-403



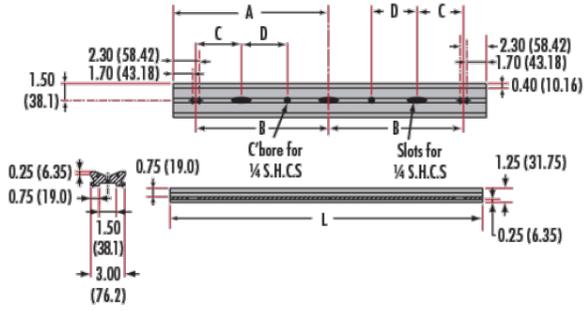
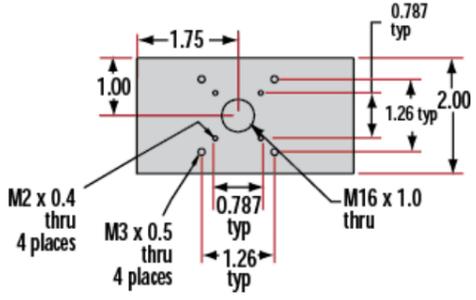
Medium Carrier #55-339



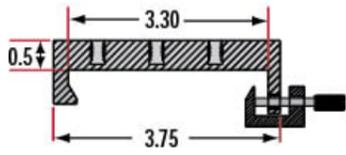
Large Carrier #55-404



Medium Carrier #55-341



Common Side Profile



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

