

## Z Axis Bracket for 0.5" Stages(B)



#57-533: Z Axis Bracket for 0.5" Stages(B)

Stock **#57-533 1 In Stock**

-

1

+

€99<sup>40</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €99,40 each                   |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

### SPECIFICATIONS

#### General

Adapter Brackets & Plates

Type:

#### Regulatory Compliance

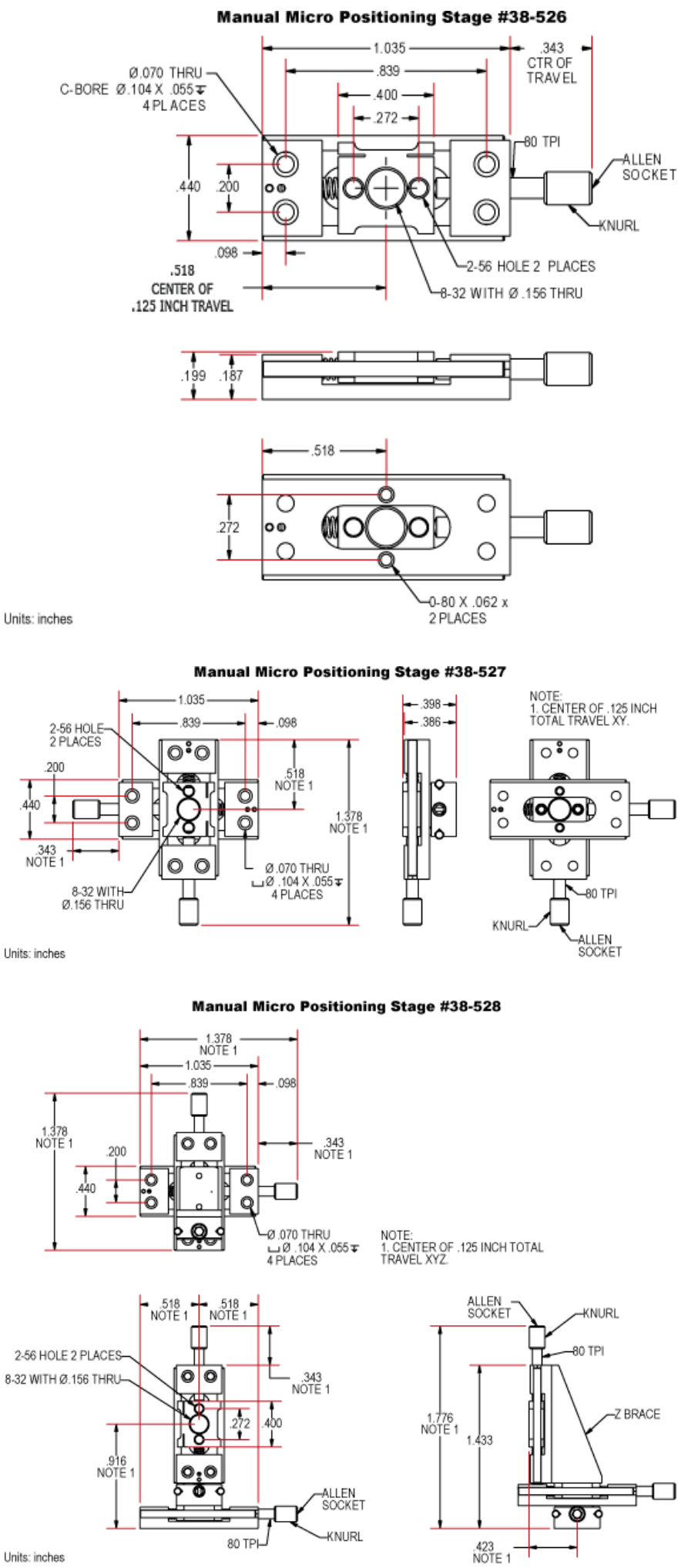
|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | REACH 241:                  |

PRODUCT DETAILS

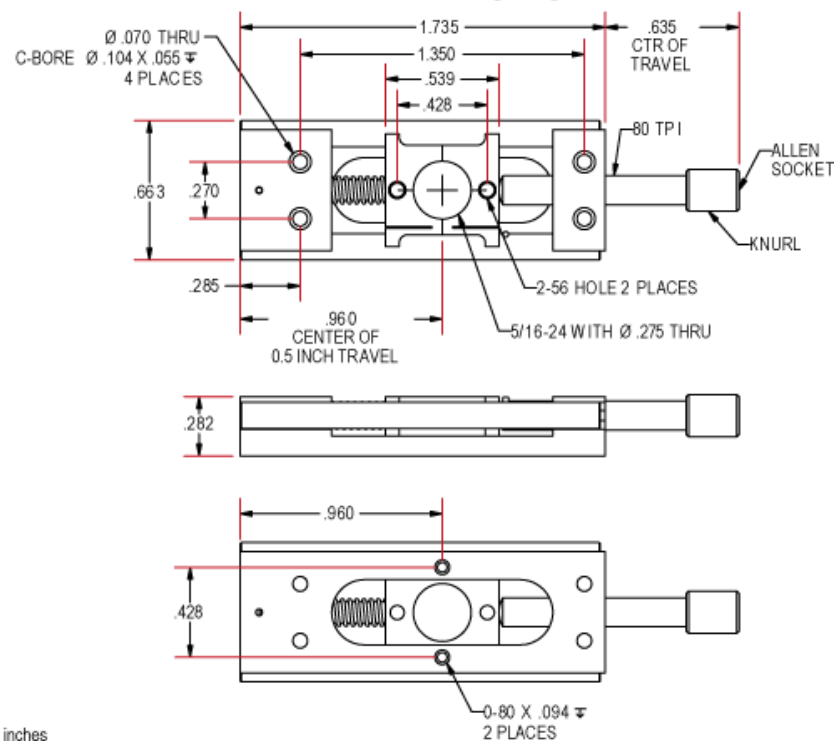
- Two Micro Sizes Available
- Versions with Covered Rails
- Three Travel Selections
- X, XY, and XYZ Axis Models

These stages are a dimensional breakthrough and the smallest positioners available today. Positive spring loaded carriage provides precise, smooth motion with no backlash. Straight line accuracy under 2 microns. Features fine 80 TPI lead screw drive. The larger series, Stage Size B, are for longer travel, higher load applications. Fully metric compatible clearance holes. Covered Rail versions are slightly wider, but offer protection for the guide rails. Accessories allow for mounting our precision pinholes for spatial filtering applications. Anodized aluminum construction with stainless rails.

TECHNICAL INFORMATION

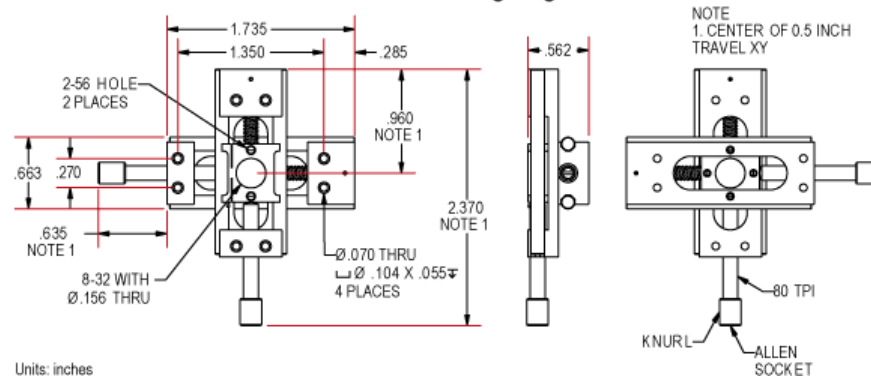


### Manual Micro Positioning Stage #38-531



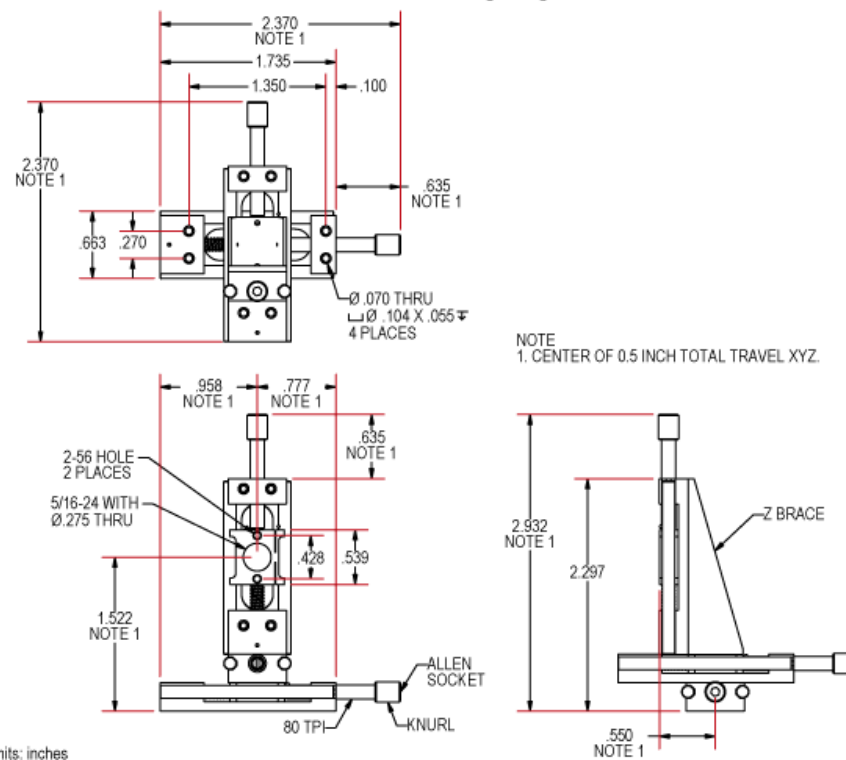
Units: inches

### Manual Micro Positioning Stage #38-532



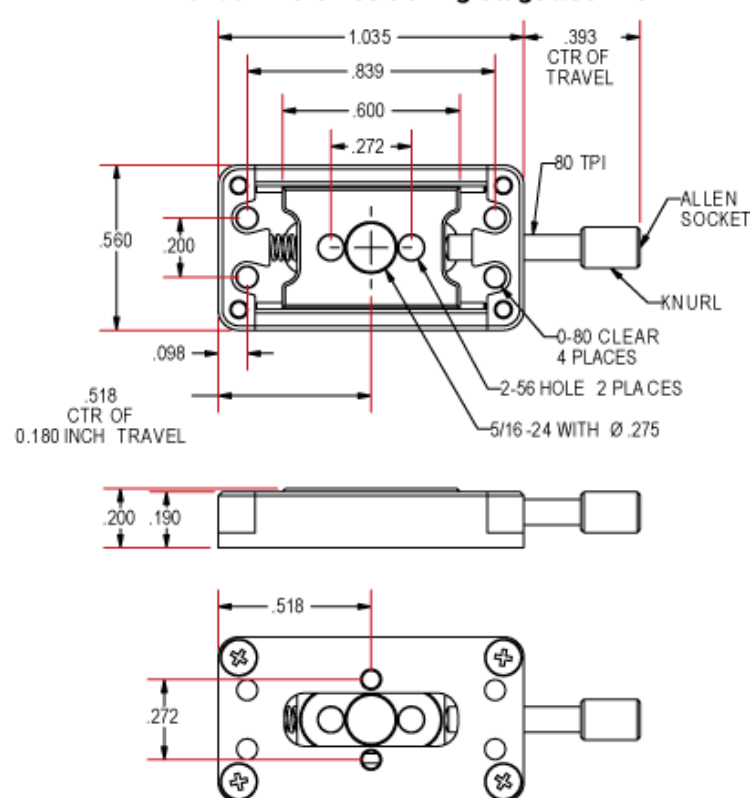
Units: inches

### Manual Micro Positioning Stage #38-533



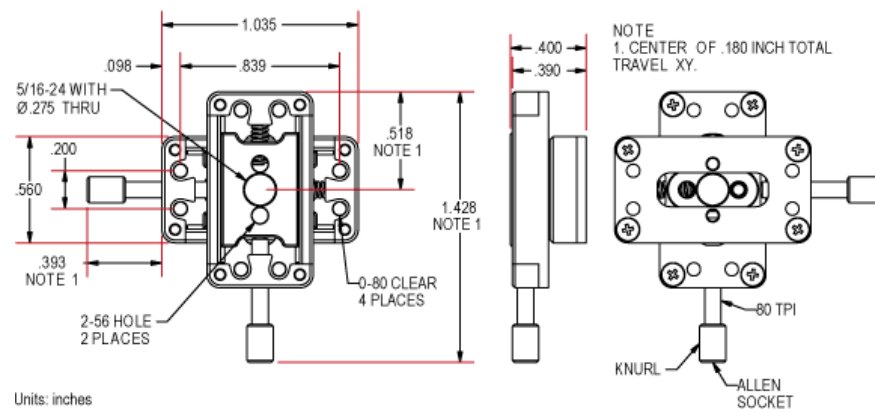
Units: inches

### Manual Micro Positioning Stage #56-416

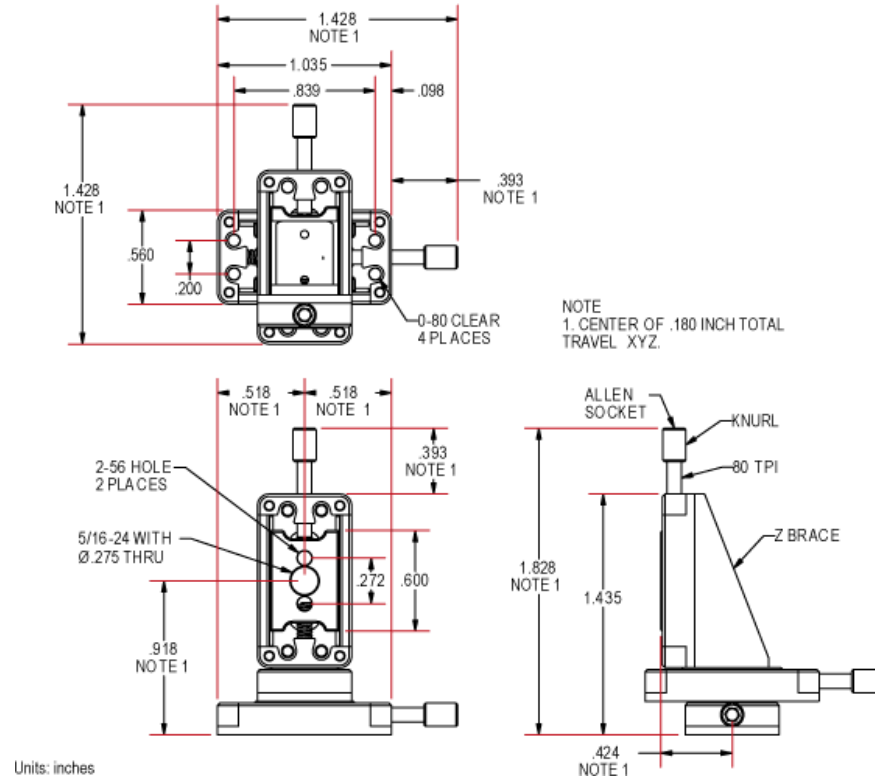


Units: inches

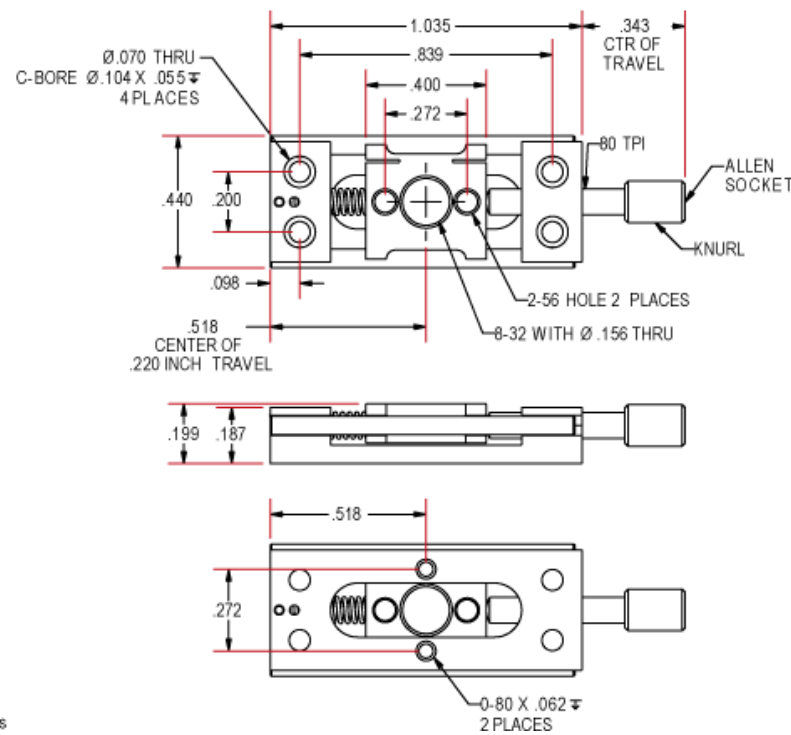
### Manual Micro Positioning Stage #56-417



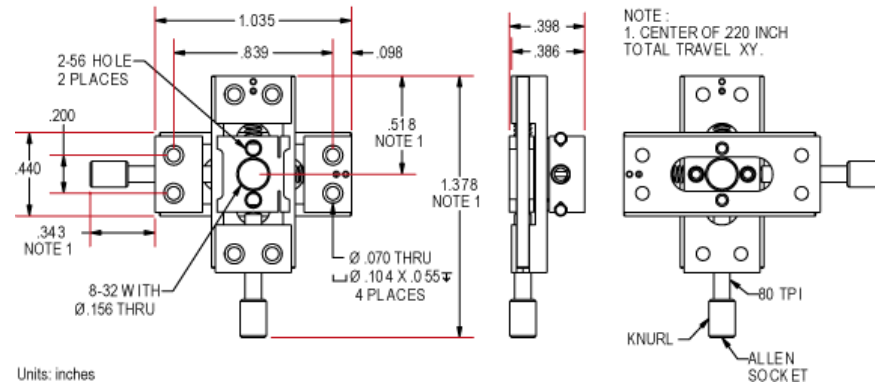
### Manual Micro Positioning Stage #56-418



### Manual Micro Positioning Stage #56-419



### Manual Micro Positioning Stage #56-420



Technical drawings of the Z-axis assembly, showing front, side, and detail views with dimensions and notes.

**Front View Dimensions:**

- Overall width: 1.378 (NOTE 1)
- Distance from center to side hole center: 1.035
- Distance from center to side hole center: .839
- Distance from center to side hole center: .098
- Distance from center to side hole center: .343 (NOTE 1)
- Distance from center to side hole center: .200
- Distance from center to side hole center: .440
- Distance from center to side hole center: .070 THRU
- Distance from center to side hole center: .104 X .055 (4 PLACES)

**Side View Dimensions:**

- Overall height: 1.378 (NOTE 1)
- Distance from center to side hole center: .200
- Distance from center to side hole center: .440
- Distance from center to side hole center: .070 THRU
- Distance from center to side hole center: .104 X .055 (4 PLACES)

**Detail View Dimensions:**

- Distance from center to side hole center: .518 (NOTE 1)
- Distance from center to side hole center: .518 (NOTE 1)
- Distance from center to side hole center: .343 (NOTE 1)
- Distance from center to side hole center: .272
- Distance from center to side hole center: .400
- Distance from center to side hole center: .916 (NOTE 1)
- Distance from center to side hole center: .80 TPI
- Distance from center to side hole center: KNURL
- Distance from center to side hole center: ALLEN SOCKET

**Notes:**

1. CENTER OF .220 INCH TOTAL TRAVEL XYZ.

**Units:** inches

Technical drawing of a 1/2 inch ball valve assembly, showing three views: front, side, and top. Dimensions are in inches.

**Front View Dimensions:**

- Overall Length: 1.735
- Travel: 0.665 CTR OF TRAVEL
- Internal Length: 1.350
- Port Spacing: 0.600
- Port Diameter: 0.428
- Overall Height: 0.750
- Internal Height: 0.270
- Base Width: 0.285
- Center of Ball: 0.960 CENTER OF 0.5 INCH TRAVEL
- Thread: 5/16-24 WITH Ø .275 THRU
- Clearance: 0-80 CLEAR 4 PLACES
- Ports: 2-56 HOLE 2 PLACES
- Thread: 80 TPI
- Socket: ALLEN SOCKET
- Knurl: KNURL

**Side View Dimensions:**

- Overall Height: 0.290
- Internal Height: 0.280

**Top View Dimensions:**

- Overall Width: 0.960
- Port Spacing: 0.428
- Thread: 0-80 X .08 2 PLACES

Units: inches

**NOTE**  
1. CENTER OF 0.5 INCH TOTAL TRAVEL XYZ.

Units: inches

0.80 CLEAR  
4 PLACES

.750

.270

.665  
NOTE 1

1.350

.100

1.735

2.400  
NOTE 1

NOTE  
1. CENTER OF 0.5 INCH TOTAL TRAVEL XYZ.

2.305

Z BRACE

80 TPI

ALLEN SOCKET

KNURL

.561  
NOTE 1

.960  
NOTE 1

.776  
NOTE 1

2-56 HOLE  
2 PLACES

5/16-24 WITH  
Ø.275 THRU

.665  
NOTE 1

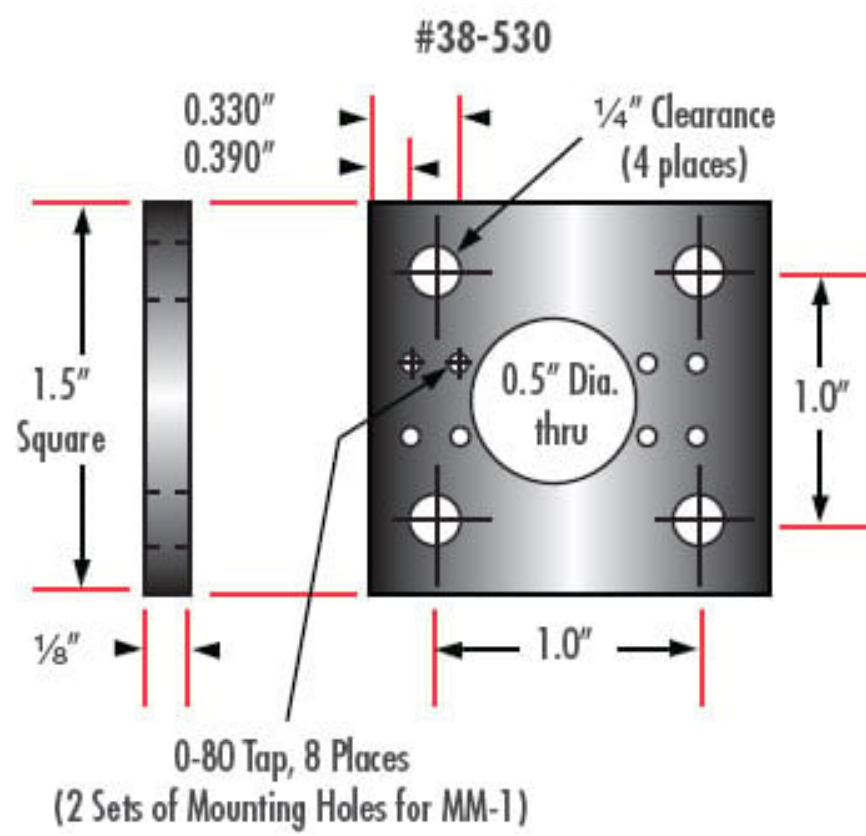
.428

.740

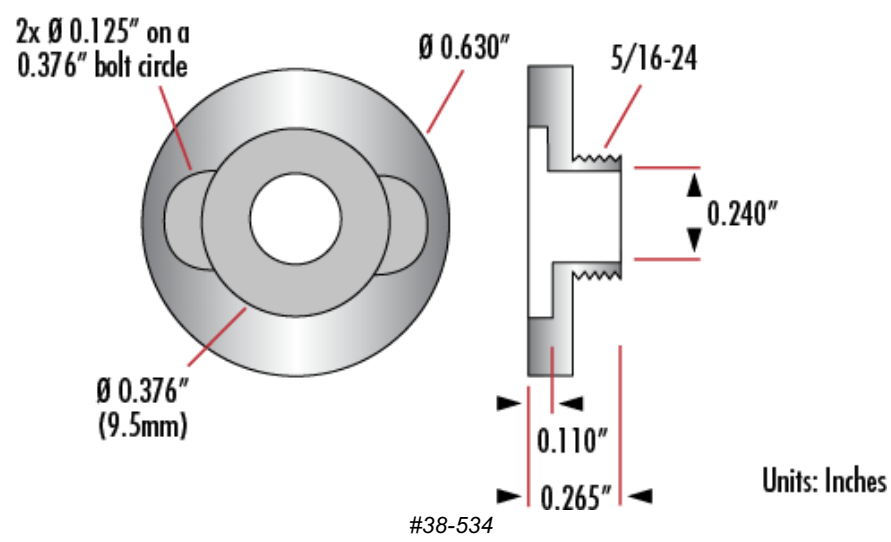
1.530  
NOTE 1

2.970  
NOTE 1

Units: inches



**Pinhole Adapter for Stage Type B, #38-534**



**Pinhole Adapter for Stage Type A, #38-529**

