

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

+

£88⁰⁰

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Volume Pricing	
Qty 1+	£88.80 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Adapter Brackets & Plates

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

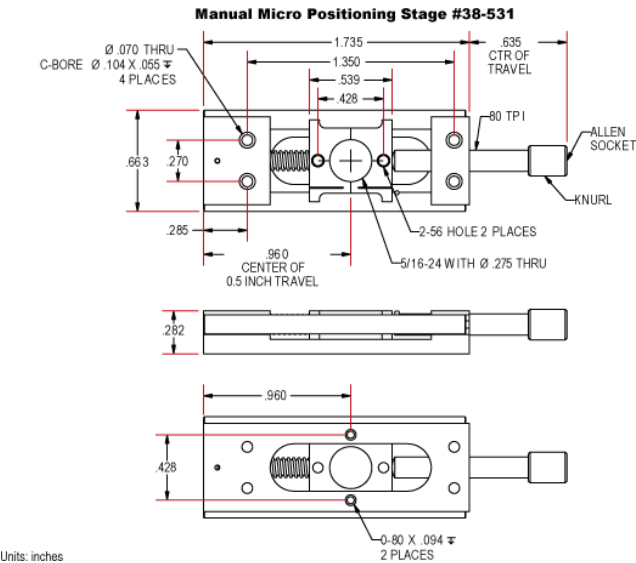
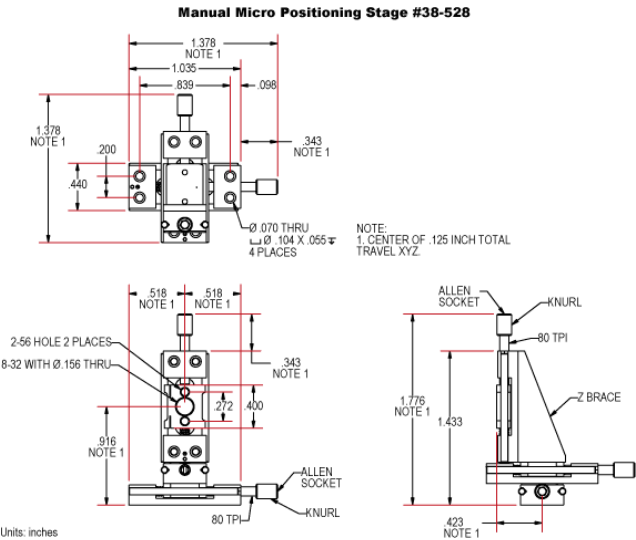
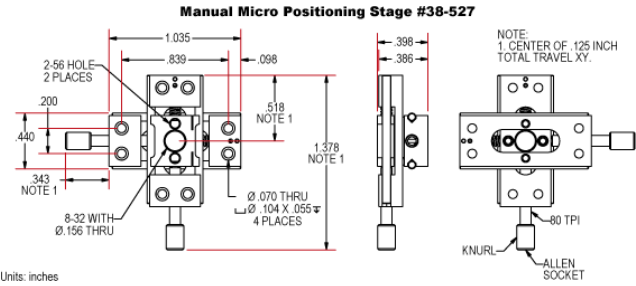
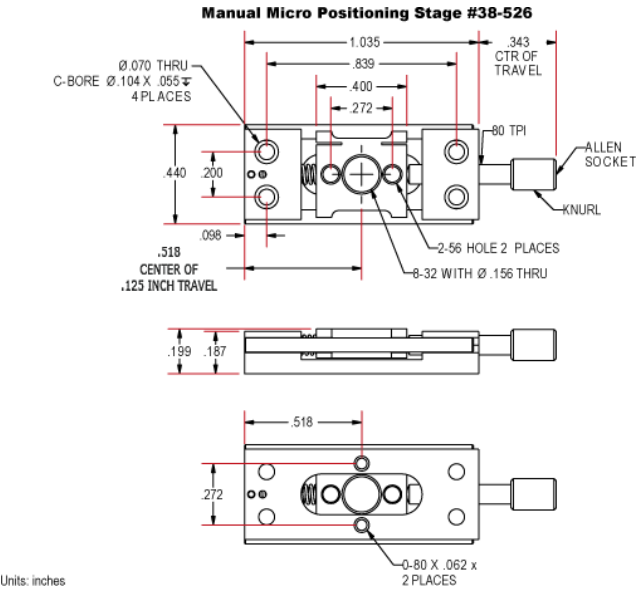
[View](#)

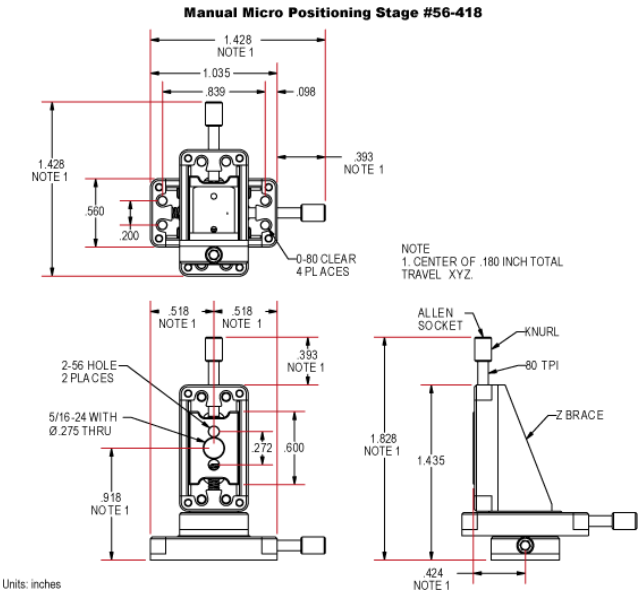
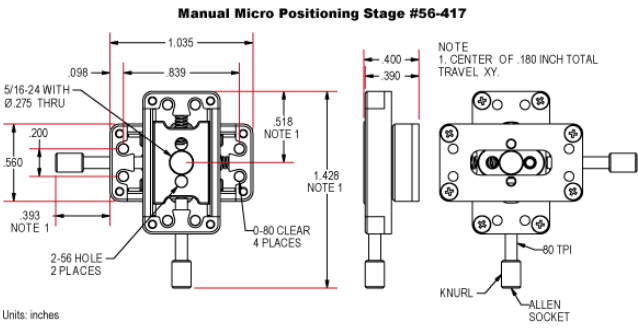
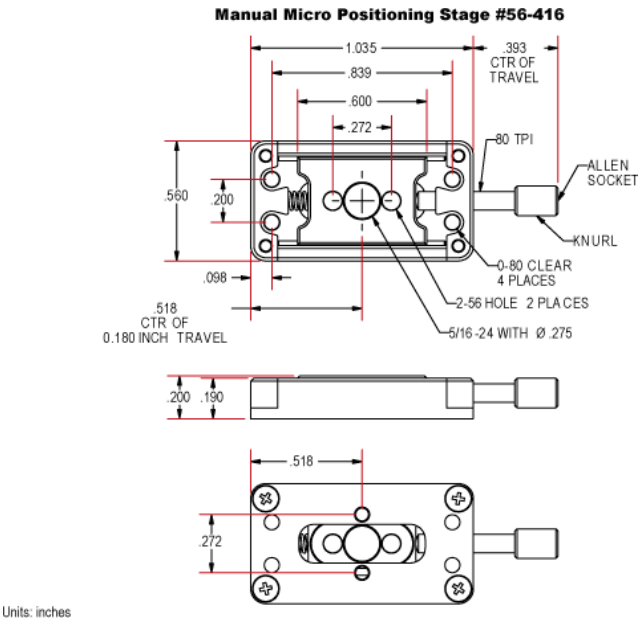
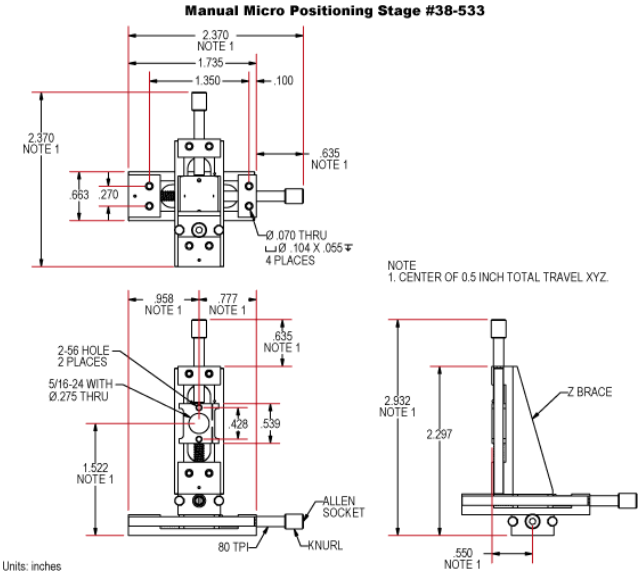
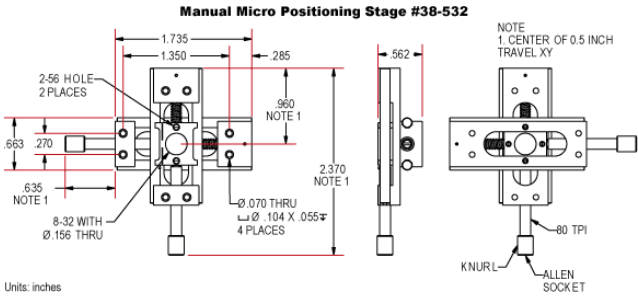
Product Details

- 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





Technical drawing of a 1/2 inch air cylinder. The drawing includes three views: a front view, a side view, and a top view. Key dimensions and labels are as follows:

- Front View:**
 - Overall length: 5.18
 - Distance from left face to center of travel: 1.035
 - Distance from center of travel to right face: .839
 - Distance from left face to first port: .440
 - Distance between ports: .200
 - Port diameter: Ø.070 THRU
 - C-BORE Ø.104 X .055 4 PLACES
 - Distance from left face to second port: .098
 - Distance from second port to center of travel: .272
 - Distance from center of travel to third port: .400
 - Port diameter: Ø.070 THRU
 - Distance from third port to right face: .272
 - Distance from center of travel to Allen socket: 3.43
 - Allen socket: ALLEN SOCKET
 - Knurl: KNURL
 - Thread: 60 TPI
 - 2-56 HOLE 2 PLACES
 - 8-32 WITH Ø.156 THRU
 - CENTER OF TRAVEL
- Side View:**
 - Overall length: 5.18
 - Distance from left face to center of travel: 1.99
 - Distance from center of travel to right face: 1.87
- Top View:**
 - Overall width: 2.72
 - Distance from left face to center of travel: 5.18
 - Distance from center of travel to right face: .272
 - Distance from left face to first port: .098
 - Distance between ports: .200
 - Port diameter: Ø.070 THRU
 - C-BORE Ø.104 X .055 4 PLACES
 - Distance from left face to second port: .098
 - Distance from second port to center of travel: .272
 - Distance from center of travel to third port: .400
 - Port diameter: Ø.070 THRU
 - Distance from third port to right face: .272
 - Distance from center of travel to Allen socket: 3.43
 - Allen socket: ALLEN SOCKET
 - Knurl: KNURL
 - Thread: 60 TPI
 - 2-56 HOLE 2 PLACES
 - 8-32 WITH Ø.156 THRU
 - CENTER OF TRAVEL

[illegible]

Units: inches

[illegible]

1.378
NOTE 1

1.035
NOTE 1

.098

.200

.440

.343
NOTE 1

Ø.070 THRU
Ø.104 X .055
4 PLACES

NOTE :
1. CENTER OF .220 INCH TOTAL
TRAVEL X.Y.Z

.518
NOTE 1

.518
NOTE 1

2-56 HOLE
2 PLACES

8-32 WITH
Ø.156 THRU

.343
NOTE 1

.272

.400

.916
NOTE 1

ALLEN
SOCKET

KNURL

80 TPI

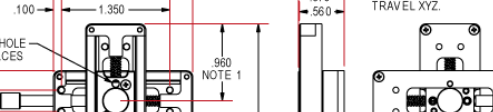
1.776
NOTE 1

1.433

.423
NOTE 1

Z BRACE

Units: inches



Technical drawing of the 1000 Series 1/2" (1000 Series 1/2") showing three views: front, side, and top. The drawing includes dimensions in inches and specific callouts for features like holes, clearances, and thread specifications.

Dimensions (inches):

- Overall width: 1.735
- Overall height: 1.350
- Distance from center to side hole: .100
- Distance from center to side hole (bottom view): .270
- Distance from center to side hole (bottom view): .750
- Distance from center to side hole (bottom view): .665 (NOTE 1)
- Distance from center to side hole (bottom view): .2400 (NOTE 1)
- Distance from center to side hole (bottom view): .960 (NOTE 1)
- Distance from center to side hole (bottom view): .570
- Distance from center to side hole (bottom view): .560

Callouts and Notes:

- 2.56 HOLE 2 PLACES
- 5/16-24 WITH Ø.275 THRU
- 0.80 CLEAR 4 PLACES
- NOTE 1: CENTER OF 0.5 INCH TOTAL TRAVEL XYZ
- 80 TPI
- KNURL
- ALLEN SOCKET

Units: inches

Units: inches

