

## Z-Axis Plate for 1.75" Stage (Side Drive-Standard)



Stock #54-375 **3 In Stock**

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**General**

Standard **Note:**  
Compatible Stage Size (inches):  
1.75

Side Drive **Stage Type:**

**Physical & Mechanical Properties**

Length (inches):  
3.25

Width (inches):

1.75

0.48

0.75 Dia.

Thickness (inches):

Bracket Thru-Hole:

## Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

## Product Details

- Combine Ball Bearing Stages into 3 Axis Positioning Systems
- Designs for 1.25, 1.75, 2.62, and 5" Stages
- Aluminum Construction with Black Anodized Finish

We now offer a complete line of Z-axis brackets to combine ball bearing stages into three axis positioning systems. These brackets are currently included with all X-Y-Z low and standard profile stage configurations. By purchasing single-axis stages separately, the brackets can be used to configure your own X-Y-Z combination, using different drive options, travel options, and even standard or thru-hole mounting stage options. All brackets are designed for the same stage size and drive type (center or side). All Z-axis brackets include socket head cap screws (S.H.C.S.) to connect two ball bearing stages together; 4 screws for each bracket (#54-380 includes 6 screws; 2-Z, 4-Y). Brackets are designed for Z-axis mounting with tapped mounting holes to accept screws through the counterbored holes in stage bases. Y-axis mounting on the brackets is with clearance or counterbored holes for S.H.C.S. to connect directly to stage carriage mounting surfaces. Aluminum construction with black anodized finish. X-Y and X-Z configurations are possible. However, due to side locking screws and mounting stage configurations, not all options will work. All standard profile brackets have thru-hole clearance.

**Note:** #54-374 Z-Axis Plate for 1.75" Stages is for use with 1" or 25mm travel stages: #37-935, #37-936, #37-955, and #37-956.

## Technical Information

### 1.75" Z-Axis Adapter Plate (#54-375)

