

[See all 2 Products in Family](#)

50mm Diameter, X-Y-Z Positioning Movement



50mm Diameter, X-Y-Z Positioning Movement, #03-607

Stock #03-607 **20+ In Stock**

⊖ 1 ⊕ C\$1,365⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	C\$1,365.00 each
Need More?	Request Quote

Product Downloads

General

Metric **Type:**

Note:
50mm Inner Diameter Optical Mount Included for VZMLens Mounting

Physical & Mechanical Properties

Linear (X-Y-Z) **Type of Movement:**

Dovetail **Guide System:**

76.2 x 90 **Stage Size (mm):**

70 in X, 60 in Y, 65 in Z **Travel (mm):**

2.75 in X, 2.36 in Y, 2.56 in Z **Travel (inches):**

18 in X, 18 in Y, 23 in Z **Travel Per Knob Rotation (mm):**

1.2 **Weight (kg):**

Hardware & Interface Connectivity

Rack and Pinion **Type of Drive:**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **REACH 241:**

Product Details

1/4-20 Adapter Plate Accessory

This item is used in conjunction with the X-Y-Z Positioning Movement (#03-607). This adapter plate accessory permits the positioning of mounting components to the stage and replaces the existing mounting ring attached to #03-607, which includes two M3 socket head cap screws to allow for mounting 1/4-20 Plate Accessory #54-491.

- 50mm Diameter Optical Mount
- Includes Durable Mounting Base
- Helical Rack and Pinion Drive Mechanism

The X-Y-Z Positioning Movement allows for exact positioning in the vertical, horizontal, and depth planes. The precise helical rack and pinion design gives this component the accuracy, durability, and travel required for optical system integration. The mechanism's 50mm inner dia. x 23.5mm thick mounting ring is ideal for holding cylindrical lasers, mounted corner cubes, etc. The X-Y-Z Positioning Movement ring mount assembles quickly with a Phillips screwdriver (not included). The optional 1/4-20 adapter plate accessory allows additional component mounting. This mechanism weighs 2.7 lbs.

1/4-20 Adapter Plate Accessory (#54-491)

This item is used in conjunction with the X-Y-Z Positioning Movement (#03-607). This adapter plate accessory permits the positioning of mounting components to the stage and replaces the existing mounting ring attached to #03-607, which includes two M3 socket head cap screws to allow for mounting 1/4-20 Plate Accessory #54-491.

Technical Information

