**ZMI Precision Adjustable Mount**

### P/N | DESCRIPTION
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6191-0310-01 | Without adapter plate, for 1-1/2 inch optics
6191-0310-02 | With adapter plate for 1-inch optics
6191-0310-03 | With adapter plate for Compact 1-Axis
6191-0310-04 | With adapter plate for Compact 2-Axis

### Angular Adjustment
- **Yaw**: ± 2.5 degrees
- **Tilt**: ± 2.5 degrees
- **Pitch**: ± 2.5 degrees
- **Linear (vertical)**: ± 0.5 mm (0.02 in.)

### Physical Characteristics
- **Dimensions**: See Figure
- **Weight**: 794 grams (28.0 oz)
- **Materials**: Magnetic stainless steel with electroless nickel plating

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**Diagram**

- Plate Locking Screws (2)
- Tilt Adjust
- #4-40 Threads (4 places)
- 32.0 mm (1.26 in.) TYP
- 33.3 mm (1.31 in.) TYP
- 25.4 mm (1.00 in.) DIA Hole
- Clearance for #4-40 Capscrew Opposite Side (4 places)
- Mounting Location (Clearance for #4-40 screw, 4 places)
- Pitch Adjust
- 1-1/2 inch Cell
- 22.2 mm (0.87 in.)
- 34.9 mm (1.38 in.)
- 76.2 mm (3.00 in.)
- Tilt
- Upper Plate
- Lower Plate
- Yaw
- 12.7 mm (0.50 in.)
- 19.1 mm (0.75 in.)
- 30.1 mm (1.19 in.)
- 60.2 mm (2.37 in.)
- 76.2 mm (3.00 in.)
ZMI Precision Adjustable Mount

**ADAPTER PLATES**

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>PHYSICAL CHARACTERISTICS</th>
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</thead>
<tbody>
<tr>
<td>6191-1494-01</td>
<td>Adapts mount for 1-inch square cell optical components</td>
<td>Dimensions: See Figure, Weight: 794 grams (28.0 oz), Materials: Magnetic stainless steel with electroless nickel plating</td>
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</tbody>
</table>

**PHYSICAL CHARACTERISTICS**

- Dimensions: See Figure
- Weight: 794 grams (28.0 oz)
- Materials: Magnetic stainless steel with electroless nickel plating

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<tr>
<td>6191-1688-01</td>
<td>Adapts mount compact HSPMI</td>
<td>Dimensions: See Figure, Weight: 794 grams (28.0 oz), Materials: Magnetic stainless steel with electroless nickel plating</td>
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**PHYSICAL CHARACTERISTICS**

- Dimensions: See Figure
- Weight: 794 grams (28.0 oz)
- Materials: Magnetic stainless steel with electroless nickel plating

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<tbody>
<tr>
<td>6191-1658-01</td>
<td>Adapts mount for compact 2-Axis HSPMI</td>
<td>Dimensions: See Figure, Weight: 794 grams (28.0 oz), Materials: Magnetic stainless steel with electroless nickel plating</td>
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</table>

**PHYSICAL CHARACTERISTICS**

- Dimensions: See Figure
- Weight: 794 grams (28.0 oz)
- Materials: Magnetic stainless steel with electroless nickel plating

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