### FEATURES & BENEFITS

**Function**
- Secure ratcheting locking mechanism
- Easy engagement and dis-engagement

### CONSTRUCTION

**Materials**
- Corrosion resistant steel knob and threaded shaft with passivation and molybdenum disulfide lubricant
- Beryllium copper wear washer
- Aluminum hinge block with anodize finish

**Fasteners**
- Installation via #6-32, #8-32, or M4 screws available

### SPECIFICATIONS

**Conforms to:**
- MS14108-4 or MS14108-3
- MIL-F-85371
- RoHS Compliant

**Designed for use with equipment:**
- ARINC 404A
- ARINC 704A
- ARINC 600
- ARINC 628
- ARINC 738A-1

**Weight**
- 62g Max

**3D Models**
- STEP or IGES available upon request
Military Style Thumbscrew Hold-Down

Hinge Block Options

<table>
<thead>
<tr>
<th>P/N</th>
<th>Hinge Block Included</th>
<th>A (Max. Extension)</th>
<th>B (Hinge Point)</th>
<th>C (Mounting Holes)</th>
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</thead>
<tbody>
<tr>
<td>200-86446-101†</td>
<td>- None -</td>
<td>2.75</td>
<td>1.83</td>
<td>#6-32</td>
</tr>
<tr>
<td>200-86448-103‡</td>
<td>- None -</td>
<td>1.88</td>
<td>0.94</td>
<td>#8-32</td>
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<tr>
<td>S0076-105</td>
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<tr>
<td>S0076-106</td>
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<td>M4</td>
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<tr>
<td>S0138-103</td>
<td>C</td>
<td>1.88</td>
<td>0.94</td>
<td>#6-32</td>
</tr>
</tbody>
</table>

† Meets MS14108-4 and M85371/1-4 dimensional and performance requirements
‡ Meets MS14108-3 and M85371/1-3 dimensional and performance requirements

TESTED TO MEET / EXCEED THE FOLLOWING REQUIREMENTS

MIL-F-85371

Operational Shock
» 15g, 11ms, ½ sine shock pulse (3 shocks in all 6 directions)

Static Load
» 1,000 lbs applied at a 45° angle

Mechanical Endurance
» 2,000 cycles

Fluid Susceptibility
» Resistant to Hydraulic Fluid & Oil

Salt Spray
» ASTM B117 for 168 hours

Sand & Dust
» MIL-STD-810C, Method 510.1

Thermal Shock

RTCA/DO-160G

Crash Safety, Impulse
» 20Gs per §7.3.1 of RTCA/DO-160G (1 shock in all 6 directions)

Robust Random Vibration
» Cat R, Curves B3 & B4, per §8.7.2 of RTCA/DO-160G

High Level - Short Duration
» Cat H, Curve R, per §8.6 of RTCA/DO-160G

Windmilling
» One Sweep (30.5 – 9.5 Hz) for 48 minutes between 0.5g & 2.92g

A style hinge shown. B style hinge allows 180° range.