

# 050-0502 Single Rotor Mini Latch with Extended Actuator



This Single Rotor Latch is a sub-platform to the TriMark proven 050-0500 series latch and is designed for light to medium-duty applications for on or off highway compartments and access panels. It features an extended trip mechanism for applications where it is desirable to have the release mechanism directly in-line with the latch.

#### **DESIGNED FOR:**

- Door closing forces of 15-20 lbs. (6.8-9.0 kg) recommended for best results. Not to exceed 50 lbs. (23 kg)
- Release efforts are approximately proportional to door closing forces striker bolt load
- Use with TriMark 0070-0300 Striker Bolt

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### FEATURES/BENEFITS:

- Variety of release mechanisms that can be used as finger releases, direct contact or in-line trip mechanisms for application flexibility
- Compact size
- Low cost
- Single or two position rotary style latching action

### AVAILABLE:

- Right and left hand configurations (right hand shown)
- With 1/4-20 UNC, M6 x 1 threaded axles or .286 (7.3mm) thru axles
- Base mounting option

### MATERIAL:

- Internal latch components and case halves: high-strength steel
- Springs: non-corrosive stainless steel

### FINISH:

- Zinc plated, clear chromate and steel components

### INSTALLATION:

- (2) 1/4-20 UNC or M6 mounting fasteners (not included)
- Custom mounting brackets available
- Tighten to the manufacturers' recommended torque value, however, do not exceed 100 in-lbs. (11.2 N-m)

**CAUTION:** Latch does not meet FMVSS 206 (ECE R11) load requirements.

Individual part dimensions are for reference only. Refer to individual part drawings for complete dimensions, specifications, and installation procedures. Engineering assistance and application drawings are available.

For more information visit  
[www.trimarkcorp.com](http://www.trimarkcorp.com)

