

050-0400  
Floating Striker  
Single Rotor Latch



**DESIGNED FOR:**

- Medium to heavyweight doors for on or off-highway applications requiring resistance to vibration
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91kg)
- Door seal pressures of up to 150 lbs. (< 50 lbs. suggested for best results) (23-68kg)
- Visible surface installation or concealed inside installation
- Use with TriMark 070-0201 Striker Bolt

**FEATURES/BENEFITS:**

- Allows for  $\pm .060$ " (1.52mm) strike travel from .784" (19.91mm) locating dimension with the recommended .550 (13.9mm) diameter striker bolt (070-0201)
- Ideal for applications with high vibration loading and where controlled travel between the latch and strike is characteristic of the application
- Single position rotary style latching

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### AVAILABLE:

- In left or right hand configurations (right hand shown)
- With (4) 1/4-20 UNC, M6 X 1 threaded axles or .286" (7.3mm) thru axles
- With trip lever options

### MATERIAL:

- Internal latch components: heat treated, smooth edge stamped steel
- Case halves: high strength steel
- Springs: non-corrosive stainless steel

### FINISH:

- Zinc plated, clear chromate steel components

### INSTALLATION:

- (4) 1/4-20 UNC grade 5 or M6 x 1 class 8.8-type fasteners are required (not included).
- Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs. (13 N-m)
- Fastener mounting holes diameter should not exceed .281" (7.1mm)

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

### INTERNAL LUBRICATION:

- Oven-cured dry lubricant is applied at factory on all critical moving parts

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.

**CAUTION:** Applications of this latch may fall within the requirements of FMVSS 206 (ECE R11) and SAE J839 safety standards. These safety related requirements are dependent on door application, e.g. front and rear hinged doors, sliding doors, or hinged upward swinging doors. The entire door hardware system must be included in the design/analysis process: latch, handle, lock mechanism, cables/rods/linkages, fasteners, hinges, etc. This ensures compatibility of all components within the hardware system. If FMVSS 206 (ECE R11) is a requirement, then all of the components within the door system must comply with strength, inertia and locking requirements as specified within the Standard. Note that this product complies with FMVSS 206 (ECE R11) when tested with approved TriMark Striker Bolts in accordance with SAE J839 and that this product meets FMVSS 206 (ECE R11) load requirements and may be used in FMVSS 206 (ECE R11) applications pending TriMark application approval.

