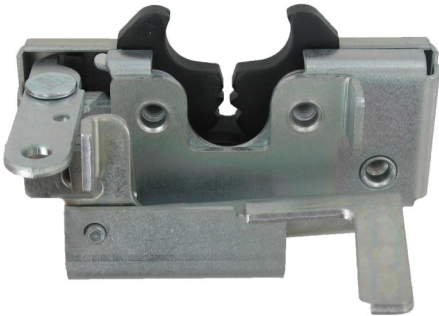


# 050-0170 Two Rotor Latch With Bellcrank Linkage



This two rotor latch is designed for medium to heavy-duty applications for off highway entrance doors where push button handle actuation is desired. It features an integrated linkage that allows for direct push button actuation and direct inside release and provides for ease of mounting and applications.

**DESIGNED FOR:**

- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of 50-150 lbs. (23-68 kg) (suggested for best results)
- Use with TriMark 070-0200 Striker Bolt

**Global Locations:**

**TriMark Corporation**  
500 Bailey Avenue  
P.O. Box 350  
New Hampton, Iowa 50659  
United States  
Tel: 641-394-3188  
Fax: 641-394-2392  
1-800-447-0343  
www.trimarkcorp.com

**TriMark Europe**  
Cedar Court  
Walker road  
Bardon Hill  
Coalville LE67 1TU  
United Kingdom  
Tel: +44(0)1530 512460  
Fax: +44(0)1530 512461  
www.trimarkeu.com

**TriMark (Xuzhou)**  
Building A5 Jingwu Road  
Xuzhou Economic  
Development Zone  
Xuzhou, Jiangsu  
221004 PR China  
Tel: +86 516 8773 0018  
Fax: +86 516 8773 0058  
www.trimarkcn.com



TriMark. Interactive. Product. Selector



TriMark



TriMark Corporation

### AVAILABLE:

- In left or right hand configurations (left hand shown)
- With (4) 1/4-20 UNC or M6 X 1 threaded axes
- With inside release lever options and 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 mounting fasteners (not included).
- Tighten to the fastener manufacturers' recommended torque value, however, do not exceed 120 in-lbs (13.3 N-m)
- Maximum .281" (7.1mm) diameter mounting holes

**CAUTION:** Product does not meet the locking requirements for FMVSS 206 (ECE R11).

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.

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

