

050-0403
Floating Striker
Two Rotor



DESIGNED FOR:

- Medium to heavyweight doors for off-highway applications requiring resistance to vibration
- Door thicknesses of 1-7/8" (47.6mm) or greater
- Door weights of 50-200 lbs. (23-91 kg)
- Door seal pressures of up to 150 lbs. (< 50 lbs. suggested for best results)(23-68 kg)
- Visible surface installation or concealed inside installation
- Applications where it is desirable to have a two position rotary latch
- Applications where it is desirable to have the release mechanism in-line with the latch

FEATURES/BENEFITS:

- Allows for $\pm .143$ " (3.63mm) strike travel from .789" (19.91mm) locating dimension
- Ideal for applications with high vibration loading and where controlled travel between the latch and strike is characteristic of the application
- Two position rotary style latching action



www.trimarkcorp.com

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 Jinwu Road
Xuzhou Economic
Development Zone
Xuzhou, Jiangsu
221004 PR China
Tel: +86 516 8773 0018
Fax: +86 516 8773 0058
www.trimarkcn.com

FINISH:

- Zinc plated, clear chromate steel components

MATERIAL:

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

AVAILABLE:

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

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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)

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.

Applications of this latch may fall within the requirements of FMVSS 206 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 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 when tested with approved TriMark Striker Bolts in accordance with SAE J839 and that this product meets FMVSS 206 load requirements and may be used in FMVSS 206 applications pending TriMark application approval.

CAUTION: Single position rotary latches do not comply with FMVSS 206 (ECE R11) requirements.

