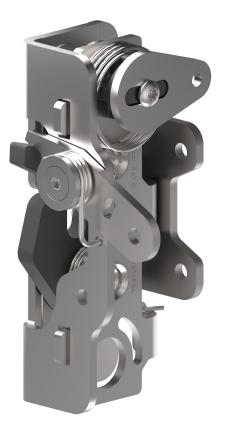
## 050-1910 8mm Single Rotor Latch - Single Position





Tri*Mark's* newest innovation in rotary latches features a robust modular design that offers extensive actuation locations and options providing application flexibility in a compact design. Designed for medium to heavy-duty applications for on or off-highway applications, this single position latch is designed for non FMVSS 206 (ECE R11) configurations.

## **DESIGNED FOR:**

- Applications where it is desirable to have a single position rotary latch
- Interior door thickness of 45-57mm (1.77-2.25"). Depending on the actuator type and location the overall height could be greater. Please contact Tri*Mark* for specific details.
- Medium to heavy duty doors of 23-81 kg (50 -175 lbs.) with maximum door seal pressure of 36 kg (80 lbs.)

# TIPS

#### TriMark. Interactive. Product. Selector

TriMark

## TriMark Corporation

### 5/24-9

## Global Locations:

### TriMark Corporation

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#### Tri*Mark* Europe

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#### TriMark (Xuzhou)

Building Á5 Jingwu Road Xuzhou Economic Development Zone Xuzhou, Jiangsu 221004 PR China Tel: +86 516 8773 0018 Fax: +86 516 8773 0058 www.trimarkcn.com

## **A TriMark**.

## FEATURES/BENEFITS:

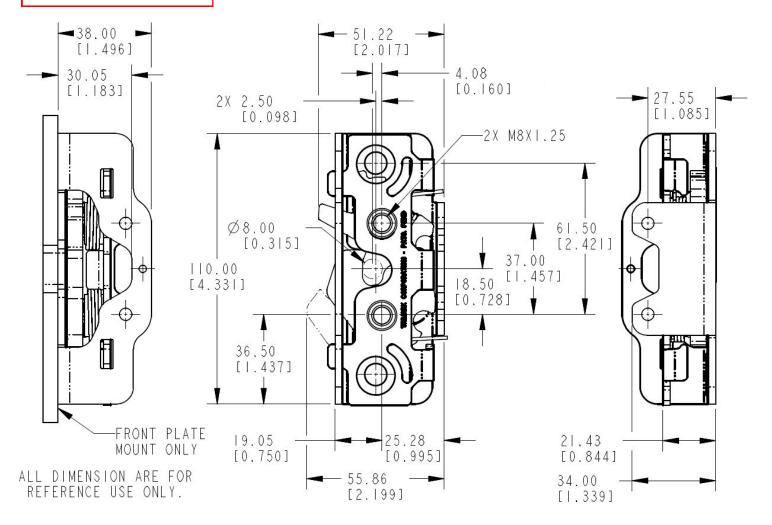
- Modular case construction is preconfigured with multiple actuation points on the front case allowing top/bottom actuation including stacked actuators as well as combinations of actuation points providing the most configurable rotary door latch ever offered
- Compact size and shape allows maximum use of door space and minimizes visibility issues without compromising strength and robustness
- Rotor provides for vertical clearance of strike allowing for door sag, misalignment and ease of installation
- Single position version for compartment and door hold-open for non FMVSS 206 (ECE R11) applications
- 8mm diameter automotive style hoop-type strike minimizes clothing snag hazard

For more information visit www.trimarkcorp.com

## 050-1910 8mm Single Rotor Latch - Single Position

## AVAILABLE:

- In left or right hand configurations (right hand shown)
- Versions are available to allow direct actuation from exterior push button or pull handles and interior releases providing a simple, low cost and compact application
- Platform allows for reuse of Tri*Mark*'s extensive selection of existing actuation levers reducing application engineering and tooling requirements
- Several actuator return spring options
- Coaxial actuator mechanism for applications where it is desirable to provide additional support to the actuation levers
- Innovative barrel release for ease of use/installation
- Future provisions for power release mechanisms and logic mechanism



## **Base Latch Shown Without Actuators**

## **A TriMark**

## MATERIAL:

- Case halves: high strength steel
- Rotor and catch: heat treated steel
- Springs: non-corrosive stainless steel

## FINISH:

Zinc plated, clear chromate steel components

## **INSTALLATION:**

- Easy to install, mounts with (2) M8 x 1.25 class 8.8 or better fasteners are required (not included)
- Tighten to manufacturers' recommended torque value, however, do not exceed 26.0 N-m (230.1 inlbs)

## 050-1910 8mm Single Rotor Latch - Single Position

## **USE WITH:**

- TriMark 070-1000 8mm Hoop Strike
- TriMark 070-1300 Adjustable Striker

## U.S. Patent Nos. 10,676,967 / 10,697,207

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

070-1000 8mm Hoop Strike



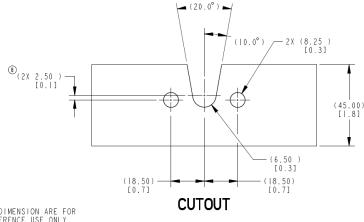
**Barrel Actuation With Direct Re**lease Cam and Top Direct Release Actuator





070-1300 Adjustable Striker





ALL DIMENSION ARE FOR REFERENCE USE ONLY.

**Mounting Details** 



## 050-1910 8mm Single Rotor Latch - Single Position

Modular construction with multiple actuation points allows top/bottom actuation including stacked actuators as well as combinations of actuation points.

