Bottom Rail Deadbolt

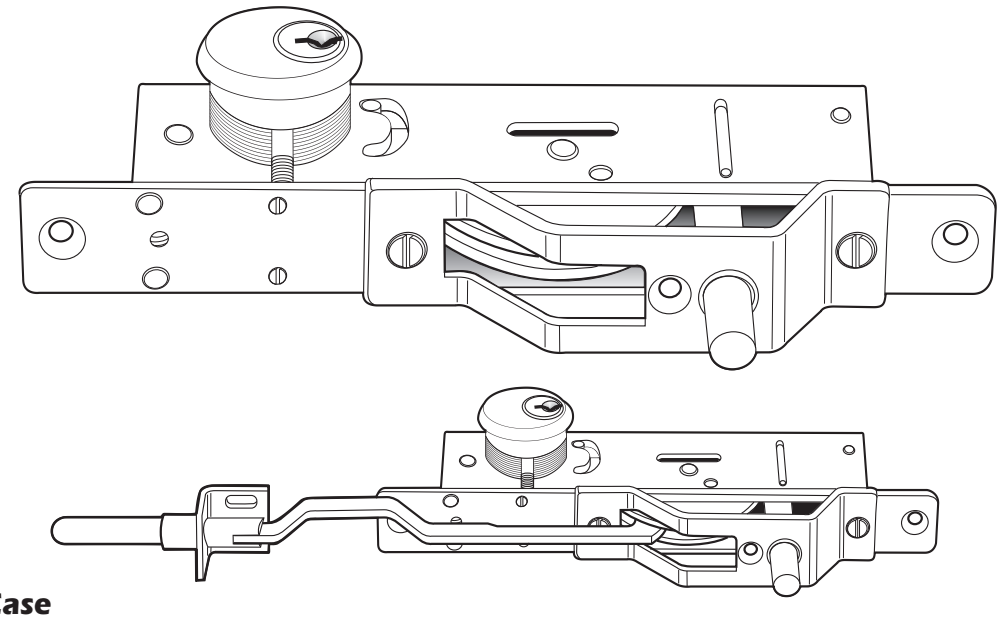
For Full Glass (Frameless) Doors

MS1861

ANSI/BHMA Type E8211 (Grade 1)

Cylinder Backset

Minimum backset is approx. 2-1/4" for the MS1861-01, with vertical bolt only. The MS1861-02, with vertical and horizontal bolt, requires placement of cylinder centerline 5-3/4" from nose of door. Both have cylinder center 1-7/8" above bottom edge of door.



Case

Steel with corrosion-resistant plating. 1"x6"x1-13/16".

4014 Conversion Kit

To convert MS1861-01 to MS1861-02, Kit 4014 provides horizontal bolt assembly with guide and attachment fittings.

Function

Using the same overcenter/pivot locking mechanism as the basic MS® deadbolt, the MS1861 lies horizontally in the bottom rail of ultra-narrow stile doors, which have insufficient vertical space for a lock and tempered glass doors, which have no stile at all. The hardened steel cylindrical bolts allow simple drilled strike holes of a relatively small size to minimize the nuisance and danger presented by some threshold strikes in collecting debris and catching women's heels. MS1861-02 locks either single-leaf or paired doors. Not applicable to wood doors.

Bolts

3/8" diameter. Stainless steel vertical threshold bolt has 13/16" throw. Hardened steel horizontal bolt has 1-1/8" throw.

Strikes

In metal installations, 7/16" drilled holes in threshold are required. For MS1861-02, drilled holes are also required in jamb or opposite door. For wood, metal plate with 7/16" hole must be provided for each bolt.

Operation

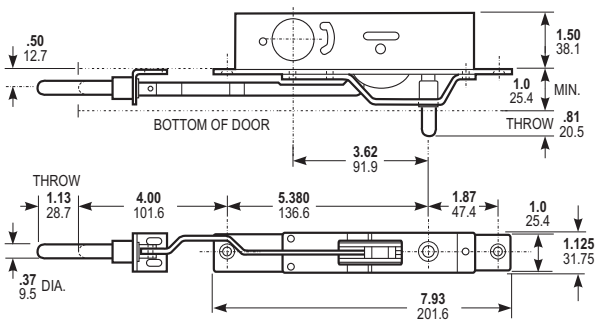
360° turn of key or thumbturn throws or retracts bolt(s). Key can be removed only when bolts are in a positively locked or unlocked position. Lock accepts any standard 1-5/32" diameter mortise cylinder from either or both sides. Cylinder must have MS® cam. (See catalog page SW-37.)

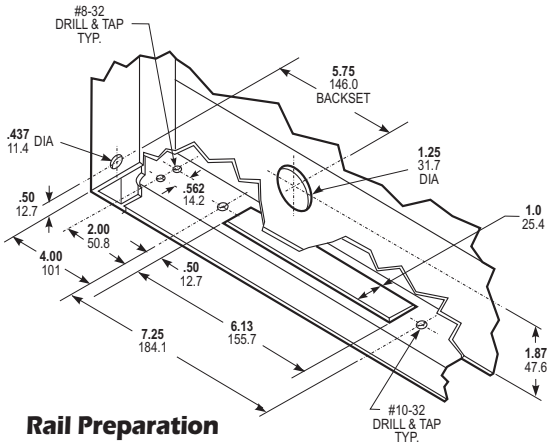
Adams Rite
ASSA ABLOY

260 Santa Fe Street
Pomona, California 91767
(800) 872-3267 Fax:(800) 232-7329
www.adamsrite.com

INCHES
MILLIMETERS
Nominal, subject to tolerance extremes.

UNIT ILLUSTRATED IS MS1861-02. (BOTH HORIZONTAL & VERTICAL BOLTS INCLUDED.)
CATALOG NUMBER FOR VERTICAL BOLT OPERATION ONLY IS MS1861-01.
CONVERSION KIT NO. 4014 AVAILABLE TO CONVERT MS1861-01 TO MS1861-02. SEE BELOW:

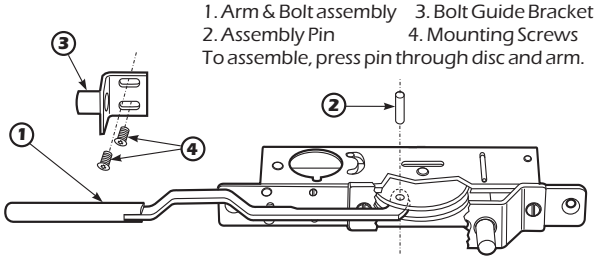




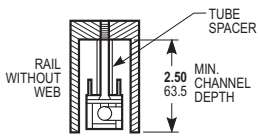
Rail Preparation
for MS1861-02

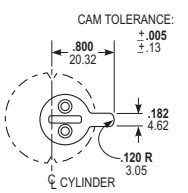
4014 Conversion Kit

The 4014 Conversion Kit consists of:
1. Arm & Bolt assembly 3. Bolt Guide Bracket
2. Assembly Pin 4. Mounting Screws
To assemble, press pin through disc and arm.



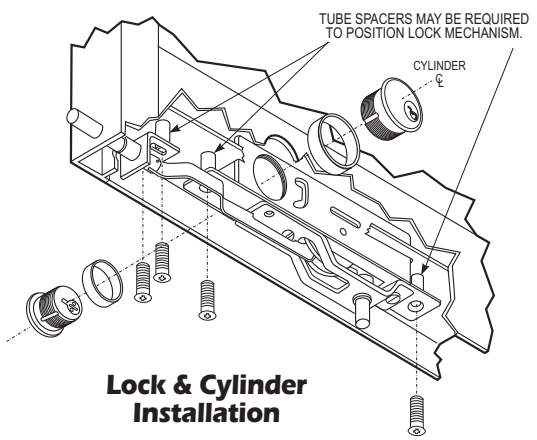
BOTTOM DOOR RAILS WITH WEB WILL REQUIRE MACHINING AS SHOWN ABOVE. POSITION OF WEB WILL DETERMINE TUBE SPACER REQUIREMENT AND TUBE SPACER LENGTH.





Cylinder Cam

MS1861 Series locks are operable by any standard 1-5/32" diameter mortise cylinder with special MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See page SW-37 for cylinder make and trim ring information.



Lock & Cylinder Installation

Specify quantity and the following information.
Order related hardware separately.

Bolt Operation
Vertical Bolt only
Vert. & Horiz. Bolts

MS1861 -01-603 -IB

If only Conversion Kit is required, specify 4014.
If tube spacers are required, specify QUANTITY and LENGTH.

Individually boxed with mounting screws. Cylinders and/or thumbturn available at extra cost. Shipping weight: MS1861-01: 1-3/4 lbs., MS1861-02: 2 lbs.

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