



# Adams Rite Product Catalog

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 Adams  
Rite

ASSA ABLOY

ASSA ABLOY, the global leader  
in door opening solutions

# MS1861 Series

## MS® Bottom Rail Deadbolt

MS1861 Bottom Rail Deadbolt provides maximum security with MS deadbolt locking mechanism. It utilizes hardened steel bolts for the limited space of ultra-narrow stile doors.

### Function

The MS1861 lies horizontally in the bottom rail of ultra-narrow stile doors which have insufficient vertical space for a lock, or 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 or snagging on high-heeled shoes. MS1861-02 locks either single-leaf or pairs of doors. Not recommended for wood doors.

### Operation

360° turn of key or thumbturn projects or retracts bolt(s). Key can be removed only when bolts are in a positively locked or unlocked position. Lock accepts any standard 1" [25.4 mm] length, 1-5/32" [29.4 mm] diameter mortise cylinder with MS® cam such as the 4036 Mortise Cylinder or thumbturn such as the 4066 Thumbturn, available separately. Lock accepts cylinder from either or both sides.



### Features

#### Cylinder Backset

Minimum backset is approximately 2-1/4" [57.2 mm] for the MS1861-01 configuration with vertical bolt only. The MS1861-02 configuration with both vertical and horizontal bolts requires placement of cylinder center line 5-3/4" [146.1 mm] from nose of door. Both have cylinder center 1-7/8" [47.6 mm] above bottom edge of door.

#### Case

Measures 1" x 6" x 1-13/16" [25.4 mm x 152.4 mm x 46.0 mm]. Steel with corrosion-resistant plating.

#### Bolt

3/8" [9.5 mm] diameter. Stainless steel vertical threshold bolt has 13/16" [20.6 mm] throw. Hardened steel horizontal bolt has 1-1/8" [28.6 mm] throw.

#### Strike

In metal installation, 7/16" [11.1 mm] drilled holes in threshold are required. For MS1861-02 configuration with both vertical and horizontal bolts, drilled holes are also required in jamb or opposite door.

#### Standard Package

Individually boxed with mounting screws. Cylinder and/or thumbturn available separately. If required, tube spacers are available separately.

#### Shipping weight

MS1861-01: 1-3/4 lbs [0.79 kg],  
MS1861-02: 2 lbs [0.91 kg]

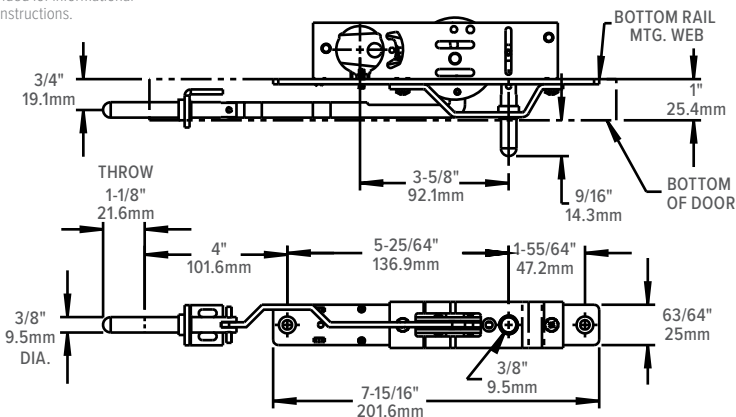
### Options

- Vertical bolt only (-01)
- Vertical and horizontal bolts (-02)

All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

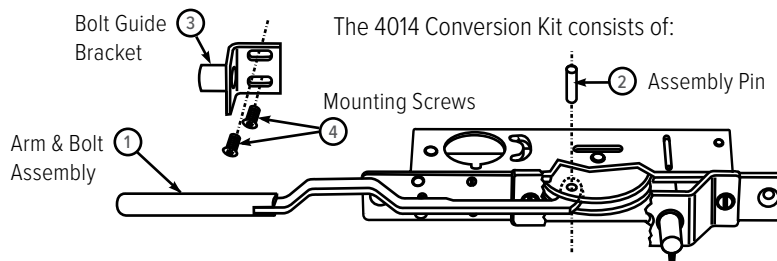
# Dimensions

Unit illustrated is MS1861-02. (Both horizontal & vertical bolts included.) Part number for vertical bolt operation only is MS1861-01. Conversion Kit no. 4014 available to convert MS1861-01 to MS1861-02.

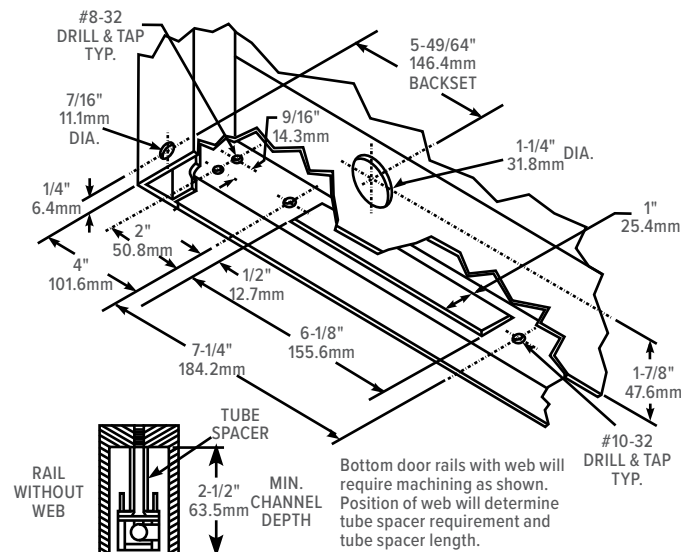


## 4014 Conversion Kit

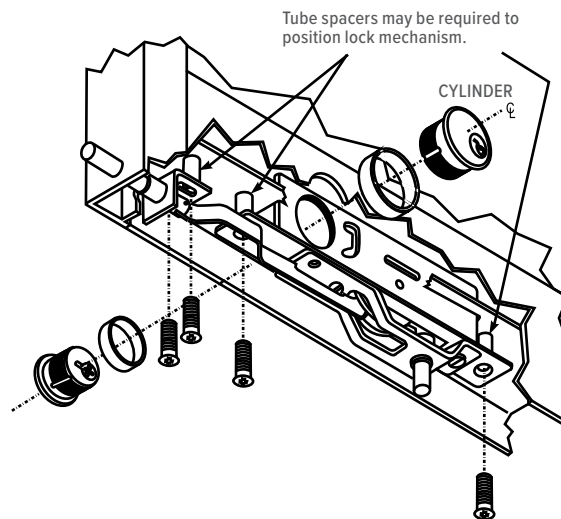
To convert MS1861-01 to MS1861-02, 4014 Conversion Kit provides horizontal bolt assembly with guide and attachment fittings. To assemble, press pin through disc and arm.



## Rail Preparation



## Lock & Cylinder Installation



## How to Order & Related Products

MS1861 Series MS® Bottom Rail Deadlock: Specify quantity and the following information. Order related products separately.

MODEL	BOLT OPERATION	FINISH	PACKAGING
MS1861	-01	-603	-IB
	01 Vertical Bolt Only	603 Zinc plated steel	IB Individually Boxed
	02 Vertical and Horizontal Bolts		

If tube spacers are required, specify QUANTITY and LENGTH..

### RELATED

When purchasing this product, please consider the following related products, available separately:

CYLINDERS	ACCESSORIES
Standard 1" length, 1-5/32" diameter mortise cylinder with MS® cam such as 4036 Mortise Cylinder, 4066 Thumbturn MS4043 Cylinder guard	4014 Conversion Kit for multi-point locking. MS1861 may be ordered with vertical and horizontal bolts (Bolt Operation option 2). Tube spacers (26-00090XX)"