

How to Order & Related Products

MS1850SN, MS1850SN-45X Deadlock: Specify quantity and the following information. Order related products separately.

MODEL	FACEPLATE	ANSI SIZE	BOLT SHAPE	HANDING	FINISH
MS185	0	SN	-41	0	628
	0 Flat		41 Straight bolt	0 Non-Handed*	313 Dark Bronze Anodized
	1 Radius		45 Hookbolt	5 LH or RHR	335 Black Anodized
	2 Bevel			6 RH or LHR	628 Clear Anodized

*Any flat or radius faceplate, except Schoolhouse. Select handing for bevel faceplate only.

RELATED – MS1850SN & MS1850SN-45X

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

TRIM	CYLINDERS	ACCESSORIES	SPECIAL ORDER OPTIONS
3090-150, A100 Series Keyless Entry, 4550 Deadlock Lever	Standard 1" length, 1-5/32" diameter mortise cylinder with MS® cam such as 4036 Mortise Cylinder, 4066 Thumbturn; MS4043 Cylinder Guard	4000, 4001, MS4002 Deadlock Strikes 4015 Threshold Bolt, 4016 Header Bolt for multi-point locking. 4085 Header Bolt for pairs of doors Lock mounting accessories and options 4089 Exit Indicator	Schoolhouse function available as special order.

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)