



Aluminium

Swinging
DoorSliding
DoorMS1950-X5X
only

MS® Prep

MS1950, MS1950-X5X Series MS® Deadlocks

The stainless steel **MS1950 Series MS® Deadlock** utilizes a laminated stainless steel bolt, to provide maximum security for a single leaf narrow stile aluminum door.

The stainless steel **MS1950-X5X Series MS® Deadlock** utilizes a laminated stainless steel hookbolt, to provide maximum security for a sliding narrow stile aluminum door.

Both are activated by a pivot mechanism.



MS1950



MS1950-X5X

Function

A huge bolt of laminated stainless steel, nearly 3" long, activated by an uncomplicated pivot mechanism, has made the basic **MS1950 MS® Deadlock** the standard of the narrow stile aluminum door industry. The length of this bolt provides maximum security for a single leaf door, even a very tall and flexible one or an installation where the gap between the door and jamb is greater than it should be.

The stainless steel **MS1950-X5X Series MS® Deadlock** answers the security need of sliding doors in commercial, industrial, and institutional buildings. The mechanism is identical to the widely used Maximum Security swinging door lock, except that the massive laminated bolt is provided in a hook shape to resist the parting motion of sliding door and jamb. The over-center MS locking action assures that forced entry attempts to pry the door in any direction, up, down, or sideways, will be defeated.

Operation

360° turn of key or thumbturn projects or retracts the counterbalanced bolt. Key can be removed only when bolt is 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 on either or both sides.

Features

Cylinder Backset

31/32" [24.6 mm], 1-1/8" [28.6 mm], or 1-1/2" [38.1 mm] only.

Case

Measures 1" x 6" x depth [25.4 mm x 152.4 mm x depth], depth varies by backset (see table left). Fully stainless steel case and internal components.

Bolt

Eight-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including rod-type "super" hacksaws.

MS1950 Bolt: Standard straight bolt measures 5/8" x 1-3/8" x 2-7/8" [15.9 mm x 34.9 mm x 73.0 mm] with 1-3/8" [34.9 mm] throw.

MS1950-X5X Bolt: 5/8" x 1-3/8" [15.9 mm x 34.9 mm] with 13/16" [20.3 mm] throw. Hook shape repels pry bar attempts to "spread" the door from its jamb or lift it off its track.

Faceplate

Measures 1" x 6-7/8" [25.4 mm x 174.6 mm].

Strike

See next page for dimensions of strike slot which can be cut in metal jamb. Trim plate, box strike, and armored strike are available separately.

Standard Package

Individually boxed with machine screws for mounting. Cylinders and/or thumbturns available separately.

Shipping weight

1-1/2 lbs. [0.68 kg]

Options

- "SCHOOLHOUSE" version, also available, is modified so that operation from inside is "unlock only". This lock is handed and must be specified LH or RH. Specify Series SCH1950, (-X5X). Same faceplate and backset options as Series MS1950, (-X5X).

ARMORED FACEPLATE 1" X 6-7/8"



FLAT MS1950



RADIUS MS1951



RADIUS W/ WEATHERSTRIP
MS1951W



LH BEVEL MS1952-X15

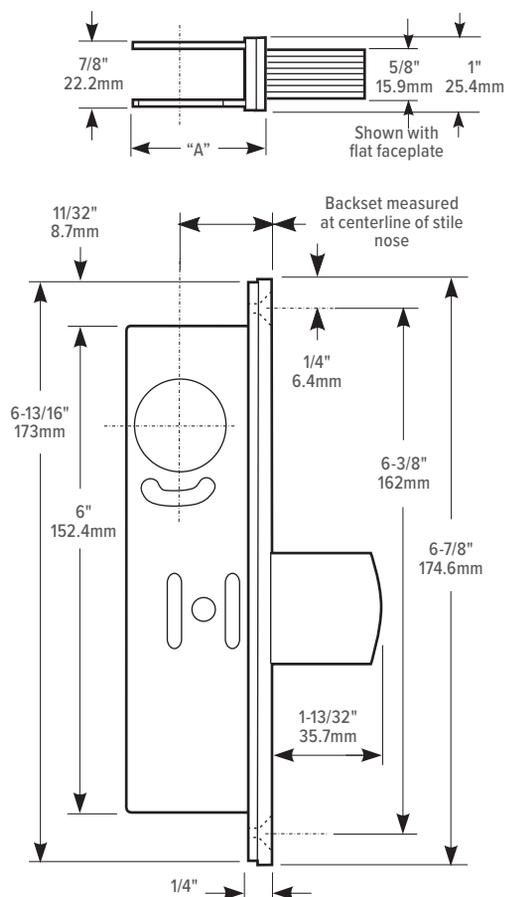


RH BEVEL MS1952-X16

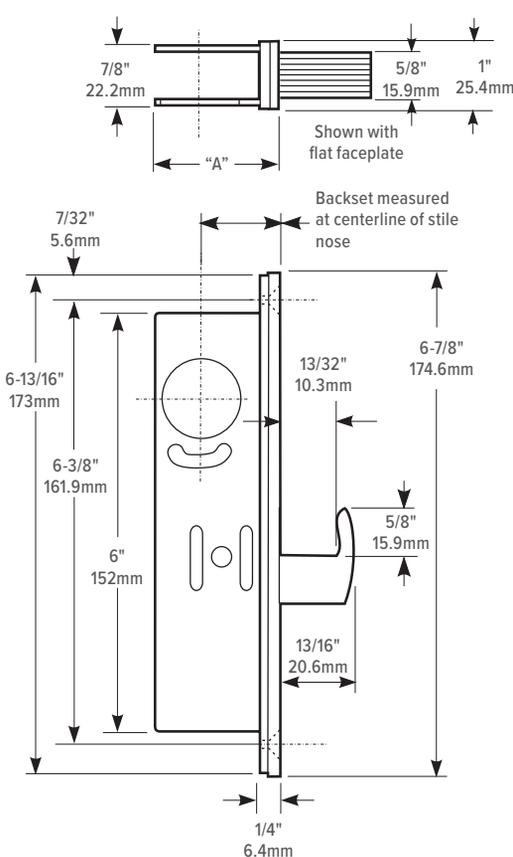
BACKSET	"A"
31/32" 24.6mm	1-5/8" 41.3mm
1-1/8" 28.6mm	1-25/32" 45.2mm
1-1/2" 38.1mm	2-1/4" 57.2mm

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

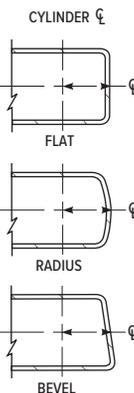
MS1950 Dimensions



MS1950-X5X Dimensions

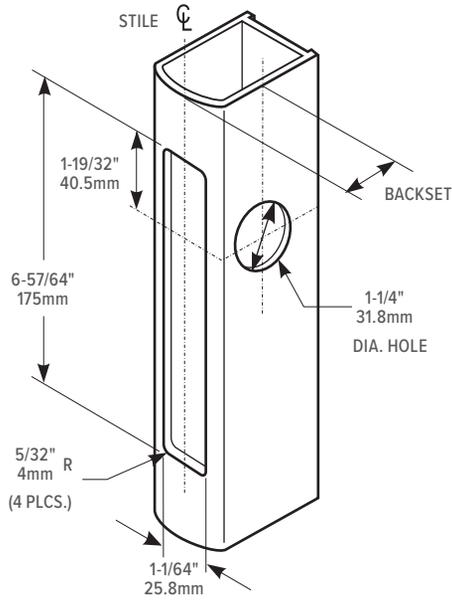


HOW BACKSET IS MEASURED:

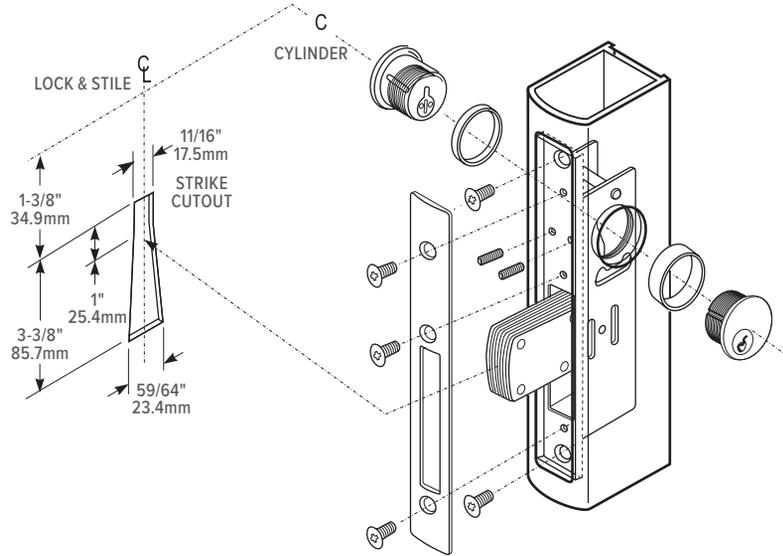


All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

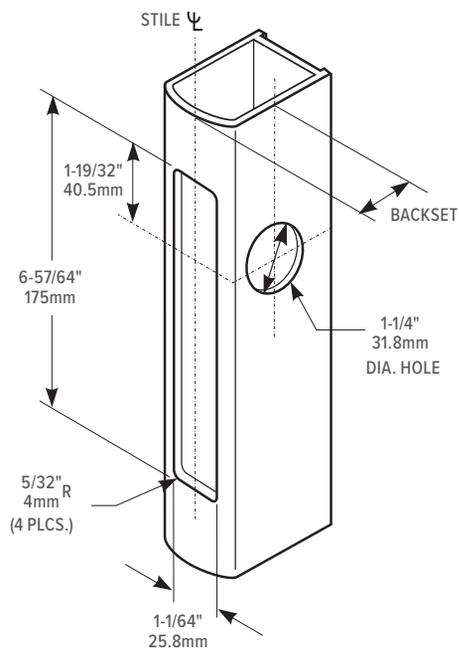
MS1950 Stile Preparation



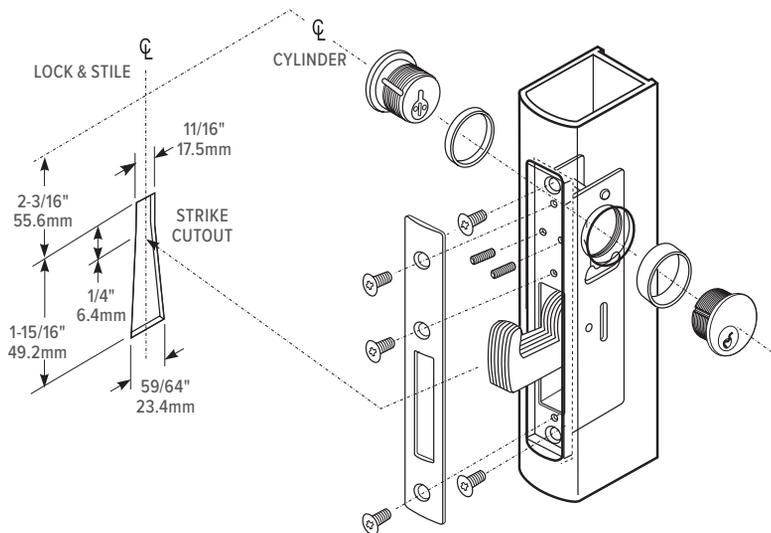
Lock & Cylinder Installation



MS1950-X5X Stile Preparation



Lock & Cylinder Installation



How to Order & Related Products

MS1950, MS1950-X5X Series MS® Deadlock: Specify quantity and the following information. Order related products separately.

MODEL	FACEPLATE	BACKSET	BOLT SHAPE	HANDING	FINISH
MS195	0	-2	1	0	-628
	0 Flat	2 31/32"	1 Straight bolt	0 Non-Handed*	313 Dark Bronze Anodized
	1 Radius	3 1-1/8"	5 Hookbolt	5 LH or RHR	335 Black Anodized
	1W Radius with weatherstrip	4 1-1/2"		6 RH or LHR	628 Clear Anodized
	2 Bevel				
	3 Without faceplate, without strike plate				

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

RELATED PRODUCTS

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

TRIM	CYLINDERS	ACCESSORIES	SPECIAL ORDER OPTIONS
3090-150, 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.