



Aluminium

Swinging
Door

MS1950P only

Sliding
DoorMS1950P-X5X
only

MS® Prep

MS1950P, MS1950P-X5X Series MS® Deadlocks

The fully stainless steel **MS1950P Series MS Deadlock** utilizes a laminated stainless steel bolt, now with enhanced security features to provide maximum security for a single leaf aluminum door.

The fully stainless steel **MS1950P-X5X Series MS Deadlock** utilizes a laminated stainless steel hookbolt, now with enhanced security features to provide maximum security for a sliding aluminum door.

Both are activated by a pivot mechanism.

Function

A 3" laminated stainless steel bolt and complete stainless steel construction makes the heavy duty **MS1950P MS® Deadlock** a higher security, premium locking solution for swinging doors.

The MS1950P is compatible with header and threshold bolts to accommodate multi-point locking in a double door application.

The stainless steel hookbolt of the **MS1950P-X5X Series MS® Deadlock** answers the security need of sliding doors. The hook shaped bolt resists the parting motion of sliding door and jamb.

Operation

For ingress, a 360° turn of the key or thumbturn on the exterior cylinder retracts the counterbalanced bolt. While the bolt is retracted the door acts as a passage function, until the deadlock is re-locked from either side of the opening. Typically, if the door remains unlocked during business hours, the interior side is equipped with a mortise cylinder and indicator to allow for flexible traffic control by management. An interior thumbturn to lock the bolt and a 4550 lever can also be installed on the interior side to ensure free egress & ADA compliance.

Key can be removed only when bolt is in a locked or unlocked state. Lock body accepts a mortise cylinder, thumbturn, 4089 indicator, or 4550 deadlock lever from either side.



MS1950P



MS1950P-X5X

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. Internal stainless steel plate for enhanced security.

Bolt

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

MS1950P 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.

MS1950P-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

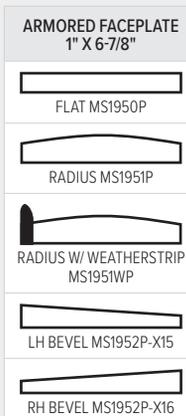
Individually boxed with machine screws for mounting. Cylinders and/or thumbturns available separately.

Shipping weight

1-1/2 lbs. [0.68 kg]

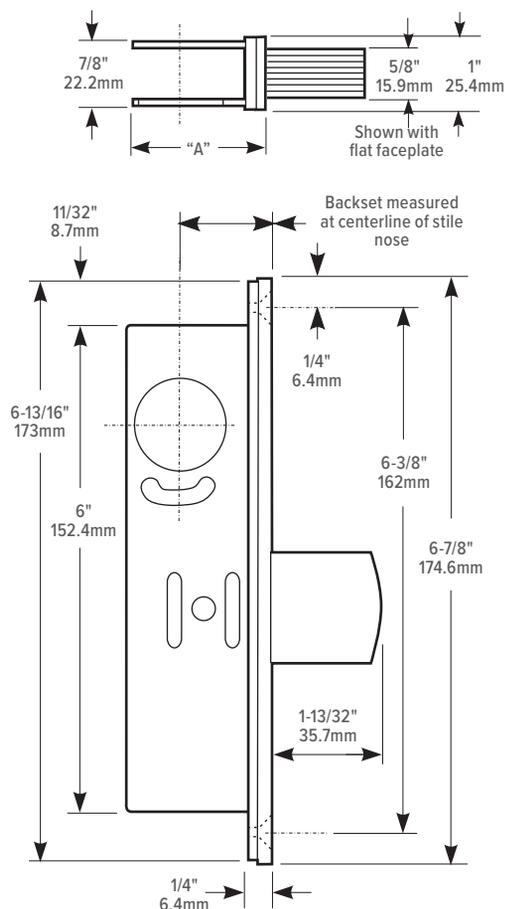
Options

- "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 MS1950P, (-X5X).

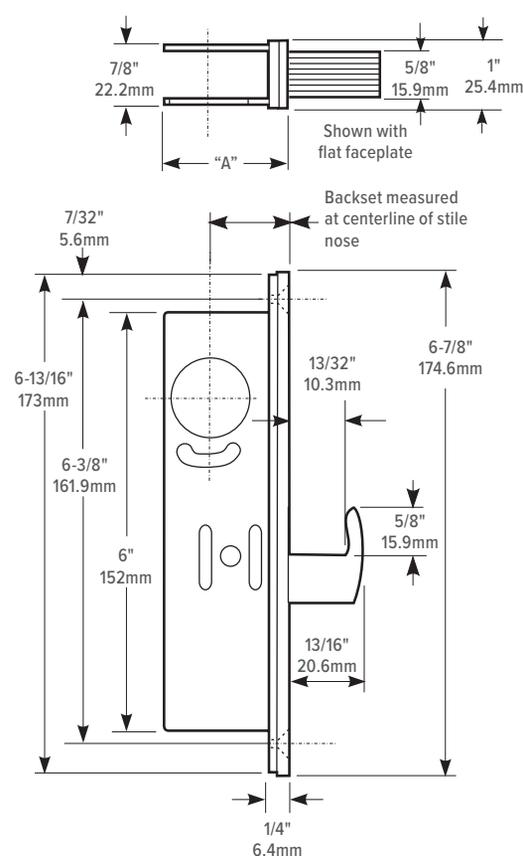


All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

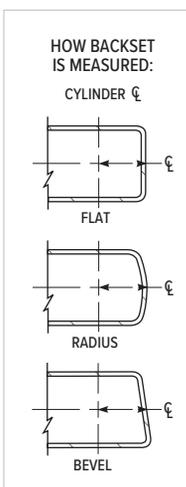
MS1950P Dimensions



MS1950P-X5X Dimensions

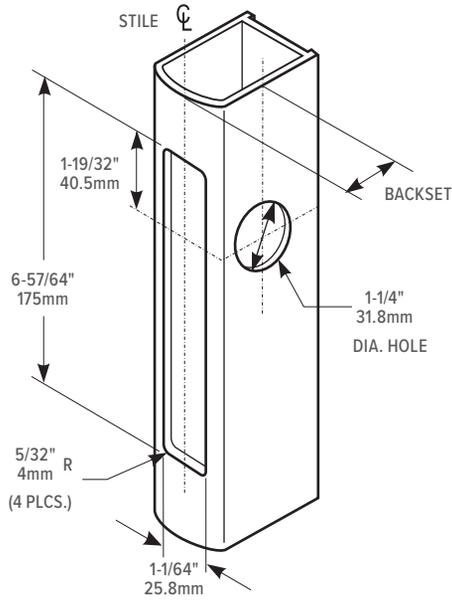


BACKSET	"A"
31/32" 24.6mm	1-5/8" 41.3mm
1-1/8" 28.6mm	1-25/32" 45.2mm
1-1/2" 38.1mm	2-1/4" 57.2mm

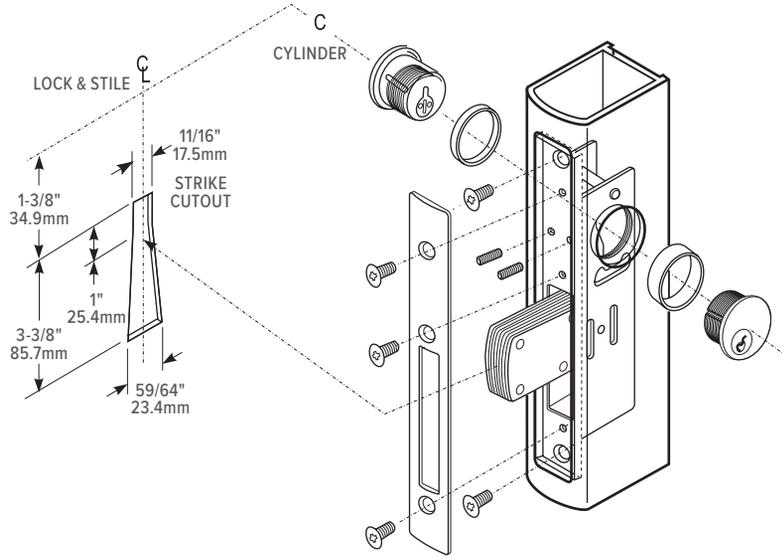


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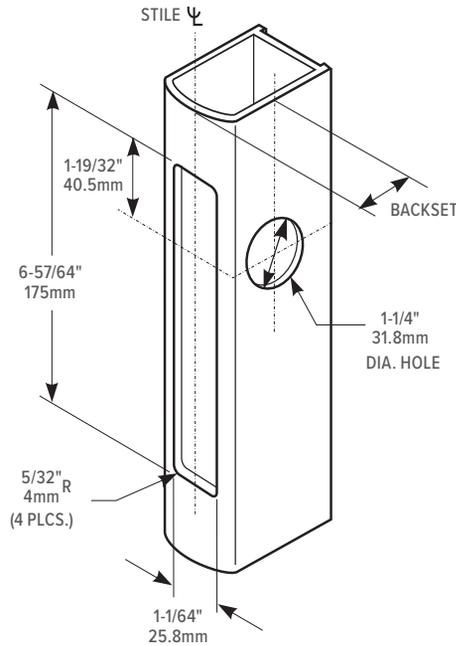
MS1950P Stile Preparation



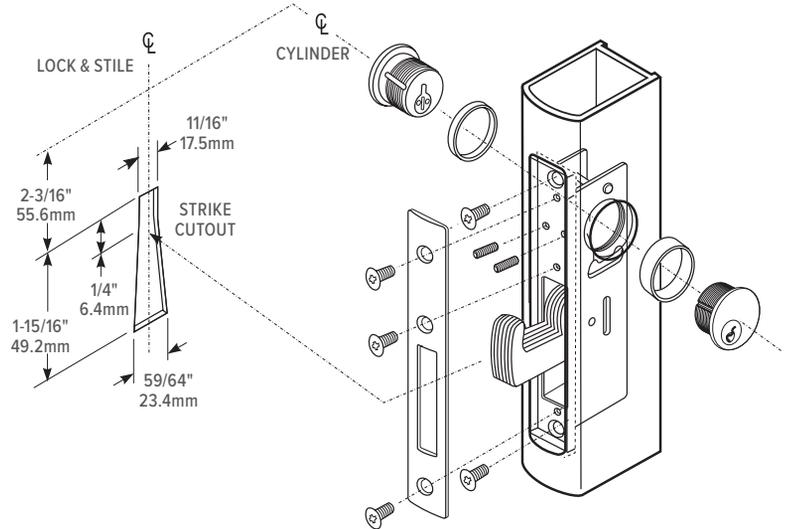
Lock & Cylinder Installation



MS1950P-X5X Stile Preparation



Lock & Cylinder Installation



How to Order & Related Products

MS1950P, MS1950P-X5X Series MS® Deadlock: Specify quantity and the following information. Order related products separately.

MODEL	FACEPLATE	BACKSET	BOLT SHAPE	HANDING	FINISH
MS195	OP	-2	1	0	-628
	0P Flat	2 31/32"	1 Straight bolt	0 Non-Handed*	313 Dark Bronze Anodized
	1P Radius	3 1-1/8"	5 Hookbolt	5 LH or RHR	335 Black Anodized
	1WP Radius with weatherstrip	4 1-1/2"		6 RH or LHR	628 Clear Anodized
	2P Bevel				
	3P 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.