4510 Standard Duty Deadlatch



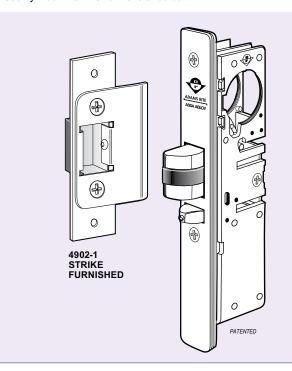
4510 Standard Duty Deadlatches provide flexible traffic control during and after business hours.

Function

The 4510 Standard Duty Deadlatch offers flexibility of traffic control during and after business hours. A reverse turn of the key while the bolt is held retracted retains the bolt to allow two-way traffic for hospitals, banks, stores, and other buildings which require free entrance at certain times and exit-only at other times. Interchangeable, without stile modification, with any MS1850A or MS1850S Deadlock of same backset and faceplate shape. Does not, however, provide the same maximum security level as the MS® Deadlock.

Operation

Turn key or operate handle to retract spring-loaded Latchbolt. To hold bolt retracted, push it in and secure by reverse turn of key. Uses any standard mortise cylinder with MS® dimensioned cam.



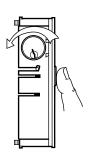
Specifications

BOLT HOLDBACK

 While bolt is held fully retracted, a reverse turn of the key retains the bolt, allowing the door to be free swinging.

CYLINDER BACKSET

7/8", 31/32", 1-1/8" or 1-1/2" only.



DA-3

CASE

 Measures 1" x 5-13/16" x depth. Depth varies by backset (see table on back of page). Steel with corrosion-resistant plating.

LATCHBOLT

 1/2" x 1" x 1/2" throw. All metal with hardened steel internal pins. Handing is reversible without special tools.

AUXILIARY BOLT

 All metal. Deadlocks latchbolt to prevent "loiding" or case-knife entry.

FACEPLATE

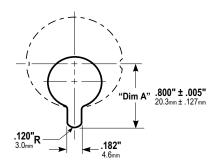
Measures 1" x 6-7/8".

STRIKES

 Standard strike furnished is 4902-01 for flat jamb where door closes flush or nearly flush. Available separately: radius strike for opposite stile in paired doors; longer strike (4901) to cover slot strike of MS lock; long lip strikes for centerhung doors.

CYLINDER CAM

 4510 Standard Duty Deadlatches are operable by any standard 1-5/32" diameter mortise cylinder with MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See CYLINDERS section for cylinder make, thumbturn and trim ring information.



OPTIONS

 Backset, faceplate shape, strike, handing, and finish must be specified when ordering.

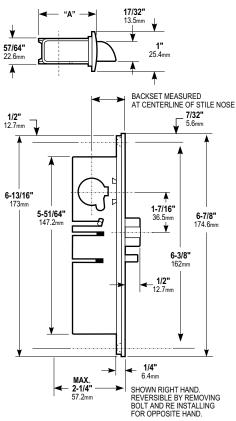
STANDARD PACKAGE

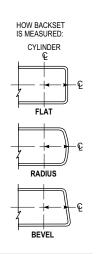
 Individually boxed with strike, and machine screws for mounting. Cylinders, paddles, and handles available separately. Shipping weight: 1-1/4 lbs.



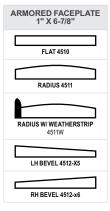
All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

Dimensions



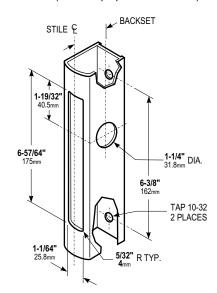


BACKSET	"A"
7/8"	1-33/64"
22.2 _{mm}	38.5 _{mm}
31/32"	1-19/32"
24.6 _{mm}	40.5 _{mm}
1-1/8" 28.6 _{mm}	1-49/64" 44.8 _{mm}
1-1/2"	2-9/64"
38.1 _{mm}	54.4 _{mm}

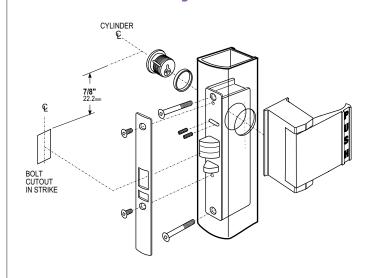


Stile Preparation

Identical to MS 1850A Series (See also prep for 4590 Paddle)



Latch Paddle & Cylinder Installation



HOW TO ORDER 4510 STANDARD DUTY DEADLATCH

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

Product No.	FACEPLATE	BACKSET	HANDING	STRIKE SIZE	STRIKE SHAPE/LIP LENGTH	FACEPLATE FINISH
451	1	-3	6	-2	01	-628
	0 Flat	1 7/8"	5 LH or RHR	1 Mortised (4901) 4-5/8"	01 Flat/Standard Jamb	313 Dark Bronze Anodized
	1 Radius 2	2 31/32"	6 RH or LHR	2 Mortised (4902) 2-5/8"	02 Radius/Standard Stiles	335 Black Anodized
1	1W Radius with weatherstrip	3 1-1/8"			17 Flat/Center Hung 4" Jamb	628 Clear Anodized
	2 Bevel	4 1-1/2"			21 Flat/Center Hung 4-1/2" Jamb	

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

Accessories	Cylinders	Trim	Electric Strikes
Lock mounting accessories	4510 Standard Duty Deadlatches are operable by any	Entry trim, paddles, handles	Application specific.
and options.	standard 1-5/32" diameter mortise cylinder with MS® cam.	and lever operators.	