

Interconnected Deadbolt/Deadlatch For Aluminum Stile Doors

Interior Passage Lever Set

Dual Force® 2190

ANSI/BHMA Type E82101 (Grade 1)

Low Profile Executive Model Coming Summer 2010 *

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Strikes

Standard strike furnished is the 2101-01 for flat jamb where door closes flush or nearly flush. The 2101 covers MS® Deadbolt strike preparation with modification. and the 4901 Deadlatch strike directly. Also available in radius version for opposite stile pairs of doors and with extended lip strikes for special jamb conditions.

▼ Latchbolt/Deadbolt

Latchbolt: 5/8" throw, solid brass, Easily reversible using only a screwdriver. Deadbolt: 1" throw, stainless steel.

▼ Cylinder Backset

1-1/8" or 1-1/2" only.

▼ Auxiliary Deadlatch Pin

Stainless steel. Deadlocks latch bolt to prevent "loiding" or case-knife entry.

▼ Operation

Key or thumbturn retracts or extends deadbolt or deadlatch. Inside lever retracts both when configured with interconnect feature. Outside lever retracts latch only. Latch holdback feature activated or deactivated by turning key to retract latch and sliding holdback button on faceplate down to hold and up to release.

Faceplates

1" X 6-7/8" Includes FaceStyle faceplate system that adapts to flat, radius, or beveled door edge. Radius with weatherseal faceplate available separately.

Function

The Dual Force 2190 combines the access control capabilities of a latch with the security of a deadbolt. The key retracts and extends the deadbolt (and deadlatch) from either side. The exterior lever retracts the latch only while the inside lever retracts the deadbolt and latch simultaneously for fast, easy, panic-proof exiting.



260 Santa Fe Street Pomona, California 91767 (800) 872-3267 Fax: (800) 232-7329 www.adamsrite.com



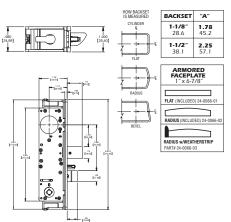
2190 Interconnected Deadbolt/Latch

SW-5

DIMENSIONS

INCHES MILLIMETERS

Nominal, subject to tolerance extremes.





Cvlinder Cam

2190 Series locks are operable by any standard 1-5/32" diameter mortise cylinder with special Mg[®] cam dimensioned as shown. Cylinders with MS[®] cams can be readily obtained from most cylinder manufacturers. See page SW-37 for cylinder make and trim information.

OPTIONS

Specify exterior entry or interior passage-set lever option, lever style, finish and strike. Also adapts to paddle operator 4591. See 2290 for wood or steel door version for stile and rail type door construction.

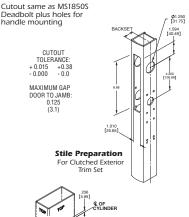
ELECTRIFIED TRIM OPTIONS

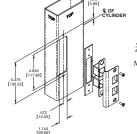
Order electrification kit (EK-2190) for adding to the clutched exterior lever. Dual voltage 12/24 VDC rated for continuous duty operation. Energizing the lever allows exterior lever to be turned to retract latch only.

STANDARD PACKAGE

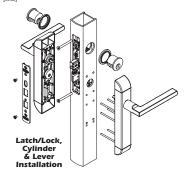
Individually boxed with strike and machine screws for mounting and trim as specified. Cylinders available separately at extra cost. Shipping weight: 2 lbs.

INSTALLATION





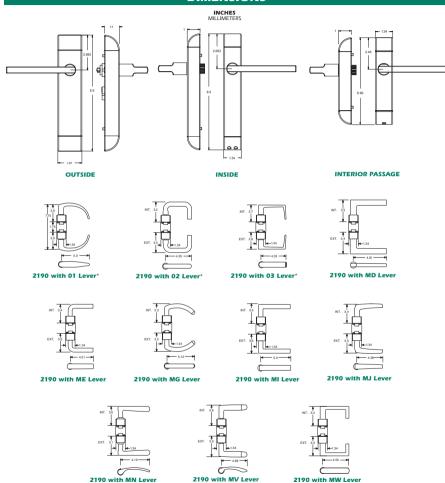
Jamb Preparation 2101 Strike (Covers and previous cutout for MS® Deadbolt) - Retrofits 4901 and 4501 strike preparations



Swinging Door Hardware



DIMENSIONS

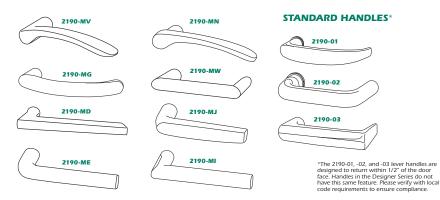




Swinging Door Hardware

Handle Sets

DESIGNER HANDLES



HOW TO ORDER

