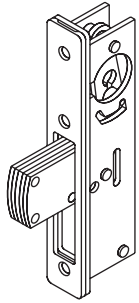


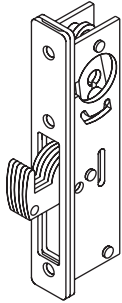
ADAMS RITE MS-1850 DEADLOCK



Description: This deadlock incorporates an aluminum faceplate and five ply laminated steel bolt with 1-3/8" (34.9) standard throw. For special conditions, a 13/16" (20.5) throw is available. All vulnerable lock parts are designed to resist sawing attempts. The lock accepts any standard 1-5/32" (29.4) mortised cylinder or thumbturn (with MS cam). Backset (center line of face plate to center line of cylinder) is 1-1/8" (28.6) on all doors.

Application: Standard lock used in the active leaf of a pair of doors or on a single door. It may be converted to two point or three point locking.

ADAMS RITE MS-1850-050



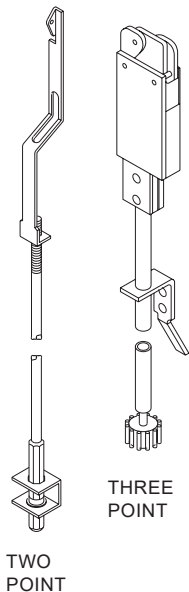
Description: All features and components, with the exception of the hook bolt, are the same as the MS 1850 deadlock. The hook bolt is of the same construction but has a hook shape to provide additional security against the door prying attempts.

Application: This hook bolt lock is an optional lock recommended for extra security on pairs of doors. When the hook bolt is thrown it engages the inactive leaf strike cutout in a manner that resists attempts to pry or pull apart the door stiles. On pairs of doors the proper strike cutout is provided when the hook bolt lock is specified.

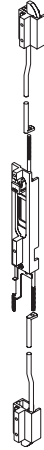
2 AND 3 POINT LOCKS

Two Point: In addition to the deadbolt lock point of the MS 1850, additional security is obtained for pairs of doors with the use of a threshold bolt. The normal turn of the cylinder key simultaneously drops a hardened steel hexbolt into the threshold and provides the second lock point.

Three Point: The third locking point is obtained by adding a header bolt to the above described MS lock and threshold bolt. The header bolt is placed in the top stile of the inactive leaf. The throw of the MS bolt in the inactive leaf strike cutout triggers engagement of the header bolt.



KAWNEER CONTROLLER® LOCKING SYSTEM



TOTAL CONTROL of paired entrances is now possible. The CONTROLLER provides uncompromised egress thru both door leaves with one stage unlocking, but offers the convenience of two stage locking.

LIFE SAFETY is an important consideration in the selection of entrance door hardware. If an entrance with flush bolts has not been completely unlocked, life safety considerations could be compromised in an emergency situation. This is one reason why manual flush bolts are prohibited by building codes*.

SECURITY of the entrance is enhanced by three point locking using the CONTROLLER mechanism in conjunction with the Adams Rite maximum security lock. Flush bolt locking jeopardizes security, as the door leaves can be

prried apart allowing access to the flush bolt release levers. Unlike flush bolts, the CONTROLLER is manually engaged with access through the M.S. lock strike cut out. It is then secured by the 1-3/8" (34.9) throw, five ply laminated steel bolt of the M.S. lock.

TWO STAGE LOCKING provides ease of operation not commonly found with standard three point locks. The CONTROLLER allows easy alignment of the inactive door leaf, followed by normal engagement of the M.S. lock.

ONE STAGE UNLOCKING is done with the turn of a key which retracts the M.S. lock bolt. The CONTROLLER mechanism is then free and will allow both door leaves to swing open.

APPLICATION: On paired entrances where exit devices are not required and manual flush bolts are prohibited by building codes*.

FORCED ENTRY for stringent Dade County forced entry requirements specify CONTROLLER FE which include reinforced rods.

*

The following building codes, with some qualifications, prohibit the use of manual flush bolts on exits doors needed to handle the occupant load of the building.

Uniform Building code- International Conference of Building Officials (ICBO)

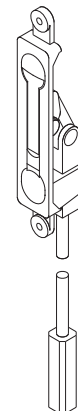
Standard Building Code- Southern Building Code Congress

International, Inc. (SBCCI)

Basic Building Code- Building Officials and Code Administrators, Inc. (BOCA).

KAWNEER FLUSH BOLT

Description: A standard pair of doors includes top and bottom flush bolts in the inactive leaf. The flush bolts provide two inactive leaf "lock" points in addition to the active leaf which locks into the inactive leaf. They are flush mounted in the nose of the door stile and are finished to match.



Laws and building and safety codes governing the design and use of Kawneer products, such as glazed entrance, window, and curtain wall products, vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
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