

For Four-Point Deadbolt Unit

The door shall contain the necessary preparations to accept the vertical deadbolts. Vertically-Stiffened hollow metal doors are recommended. The first stiffener shall be a minimum of five inches from the lock edge of the door.

Vertical deadbolts shall be extended and retracted by threaded rods which shall be inserted into the door and connected to activating arms within the lock mechanism. Deadbolt caps shall be hardened steel or stainless steel. Edge plates are to be installed upon or within U-Channels at the door edge. Edge plates are to be fastened by pop rivets, not screws.

Four-Point Deadbolt Unit:

The lockset shall automatically project three deadbolts each time the door closes. Deadbolt throw shall be a minimum of one inch.

Deadbolts to be projected are the primary horizontal stainless steel deadbolt and the top and bottom hardened steel deadbolts. All deadbolts shall project and retract simultaneously. There shall be a stationary bolt on the hinge-edge of the door to create a four-point locking system.