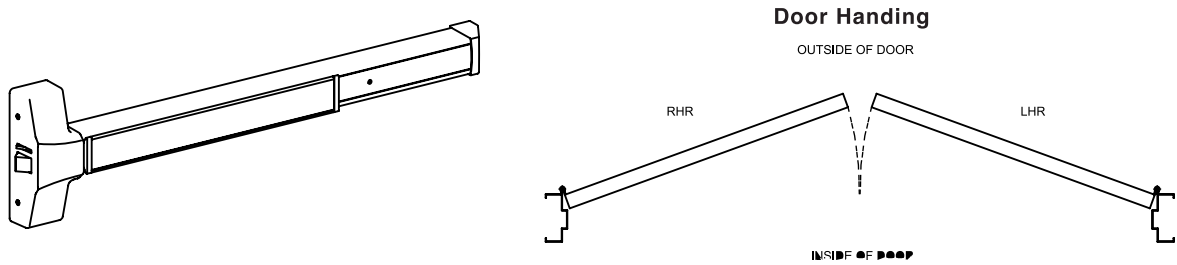


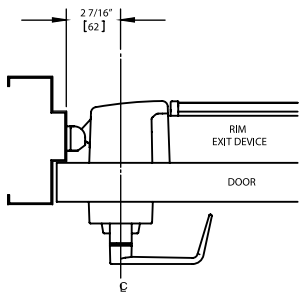
DEVICES COVERED IN THESE INSTRUCTIONS

4500 Rim exit device
 4500 Fire Exit Rim exit device

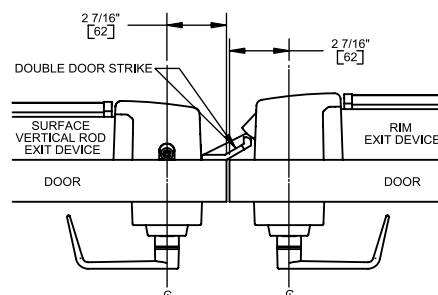
OVERVIEW



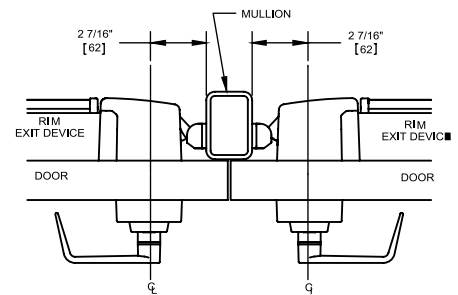
SINGLE DOOR



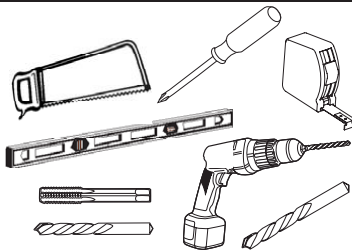
DOUBLE DOOR



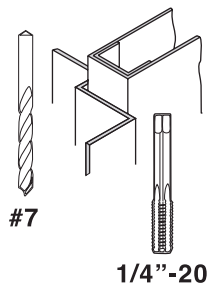
DOUBLE DOOR WITH MULLION



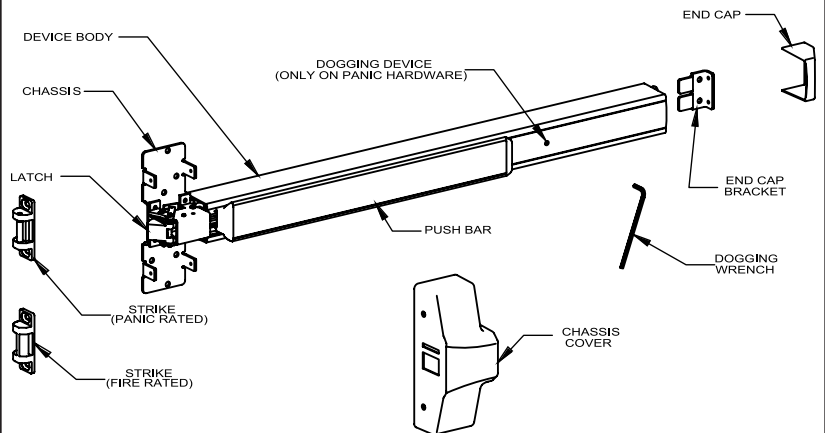
TOOLS REQUIRED



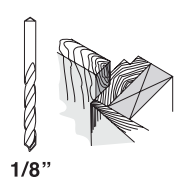
METAL



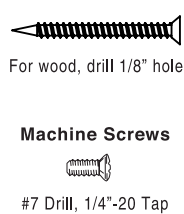
COMPONENT PARTS



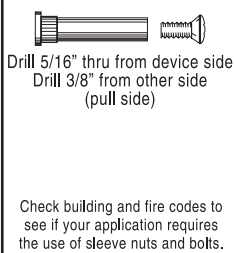
WOOD



SCREWS



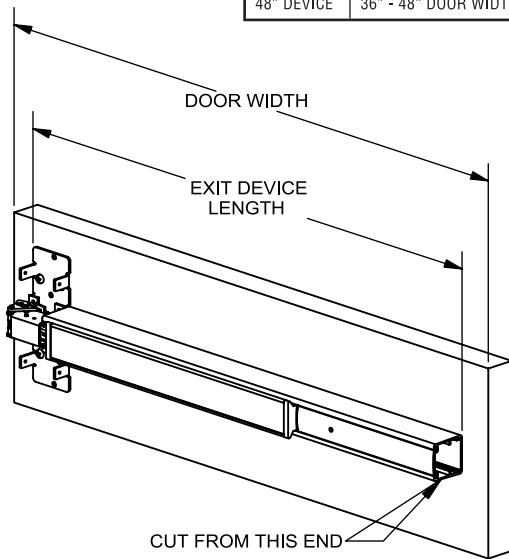
SEX BOLTS



1. CUT EXIT DEVICE TO LENGTH

The exit device comes in two sizes: one sized for a 36" door width and one sized for a 48" door width. For other door widths, cut exit device to appropriate length. Recommended overall length of the exit device is equal to door width minus four inches. Cut with hack saw or metal cutting saw blade. Deburr edges.

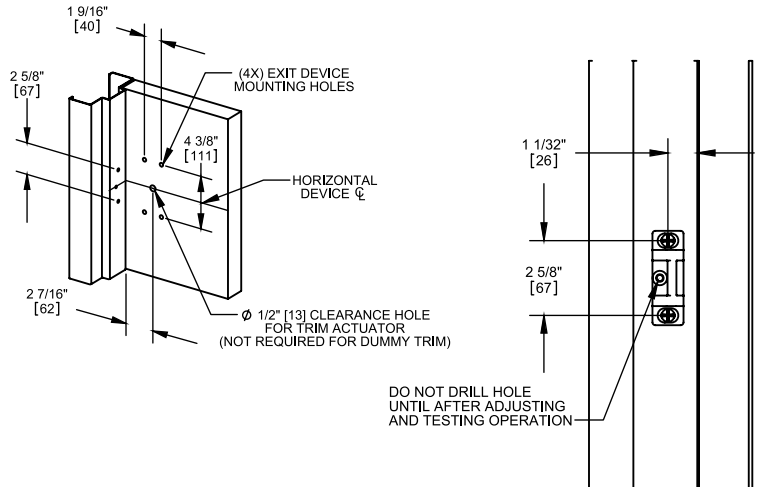
DOOR WIDTH RANGE FOR EXIT DEVICES	
36" DEVICE	30" - 36" DOOR WIDTH
48" DEVICE	36" - 48" DOOR WIDTH



RECOMMENDED OVERALL EXIT DEVICE LENGTH = DOOR WIDTH - 4"

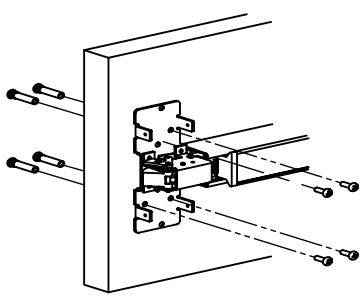
2. MARK DOOR AND DRILL MOUNTING HOLES

Measure center line of exit device, typically 40" from finished floor. Fold and apply template to door and up against stop. Mark and drill holes as shown on template. Be sure the vertical line of the exit device mounting holes is 2-7/16" from the face of the stop. Do not drill center hole on strike until after strike has been mounted and adjusted.



- For metal doors, drill and tap for 1/4" - 20 machine screws for both exit device and strike.
- For wood doors, pre-drill 1/8" holes.
- If mounting trim, drill 5/16" clearance holes on exit device side (push side) of door and 1/2" holes on pull side. Trim requires an additional 1/2" clearance hole for the trim actuating shaft (not required for dummy trim).
- If using sex bolts, drill 5/16" clearance holes on exit device side (push side) of door and 3/8" holes on pull side.

3. INSTALL DEVICE

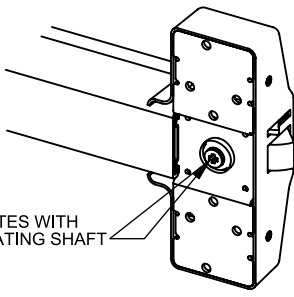


Remove head cover from exit device chassis. Mount exit device using the 4 mounting holes indicated on template.

If using trim, be sure to line up trim actuating shaft (tailpiece) with cam located on back of exit device chassis.

Screws

- Metal door, sex bolt, or trim: 1/4" - 20 machine screws (4)
- Wood door: #12 wood screws (4)



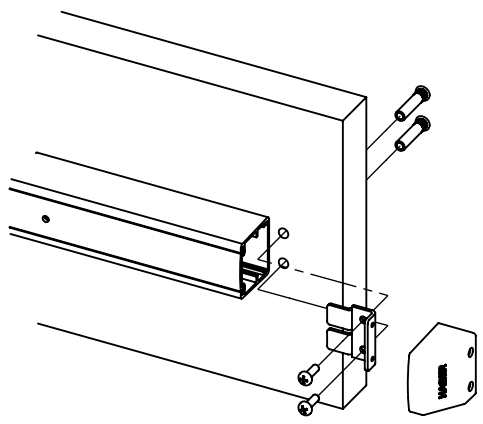
4. INSTALL END CAP

Remove end cap from end cap bracket. Mark hole locations by either using template or holding end cap bracket up against door. Be sure exit device is level before inserting end cap bracket lip into end of device body. Mark and drill/tap holes. Install end cap bracket and end cap.

- For metal doors, drill and tap for 1/4" - 20 machine screws.
- For wood doors, pre-drill 1/8" holes.
- For sex bolts, drill 5/16" clearance holes on exit device side (push side) and 3/8" on pull side.

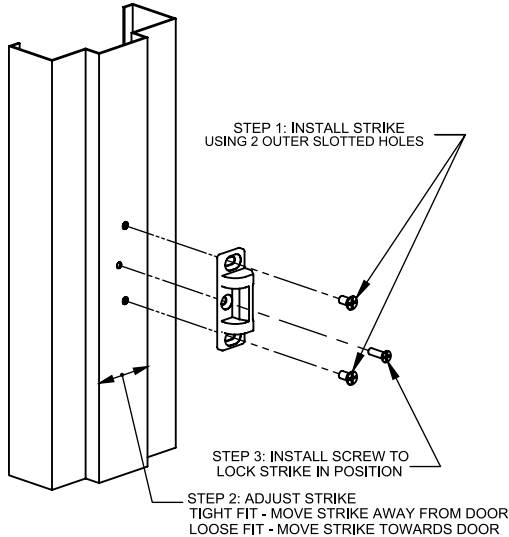
Screws

- Metal door/sex bolt: 1/4" - 20 machine screws (2)
- Wood door: #12 wood screws (2)



5. INSTALL STRIKE

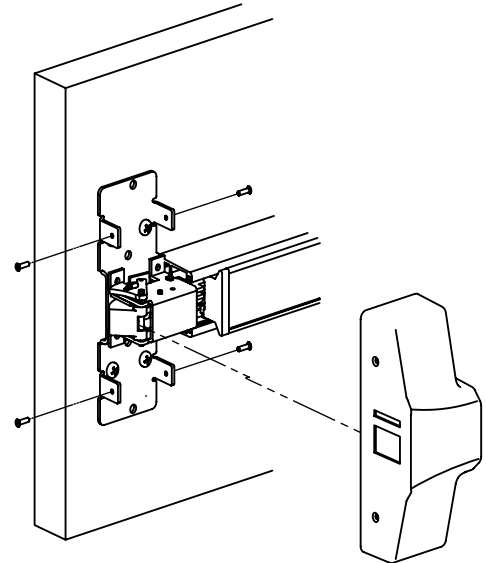
Install strike using only the top and bottom slotted holes and 1/4" - 20 machine screws (metal) or pre-drill 1/8" hole for #12 wood screw. Open and close door to verify latch and deadlatch are aligned properly. For tight fit, move strike away from door. For loose fit, move strike towards door. Once strike is adjusted, install center screw.



- Screws**
 Metal stop:
 1/4" - 20 machine screws (3)
 Wood stop: #12 wood screws (3)

6. INSTALL COVER

Install head cover on chassis using provided screws.



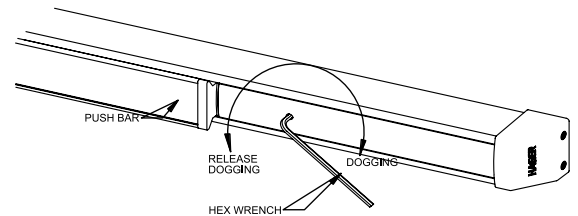
7. DOG DEVICE

For increasing the life of this device, dog device down during high traffic periods of the day. (A dogging device is not available on fire rated models.)

HEX WRENCH DOGGING

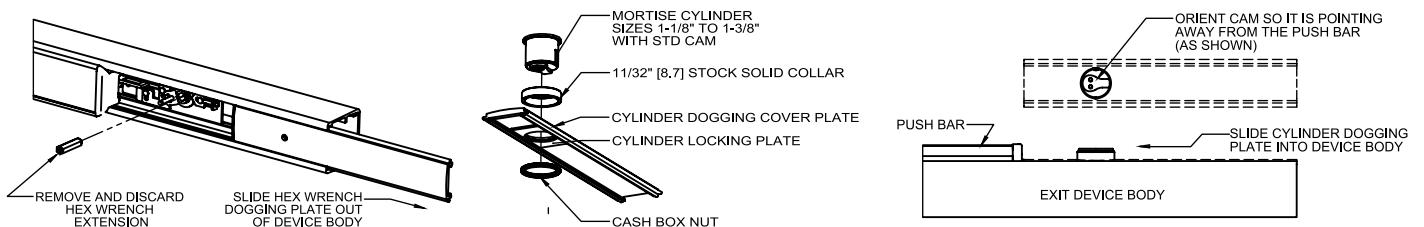
Dogging:
 Depress push bar, insert dogging hex wrench, and turn clockwise 35 degrees. The push bar will remain depressed and the latch will stay retracted.

Release Dogging:
 Hold push bar, insert dogging hex wrench, and turn counterclockwise 35 degrees. The push bar will return to the up position and latch will extend to lock door.



CYLINDER DOGGING

For cylinder dogging, remove cover plate. Remove the hex wrench extension located below the dogging cover plate, which is held in place by a magnet. Install a mortise cylinder into the cylinder dogging cover plate using an 11/32" (8.7 mm) solid cylinder collar and cash box nut. On the mortise cylinder, use a "standard cam" (.723" [18 mm], screw center to tip of cam). The cylinder should be oriented so the cam is pointing away from the exit device push bar. Install the dogging cover plate with cylinder and test dogging. Depress the push bar, insert key, and turn key clockwise to dog device. Turn key counterclockwise to release dogging.



Required hardware for cylinder dogging: One (1) mortise cylinder, lengths 1-1/8", 1-1/4", or 1-3/8", one (1) standard cam .723" (18 mm) screw center to top of cam, one (1) 11/32" (8.7 mm) stock solid collar, one (1) cash box nut, and one (1) Hager cylinder dogging kit.