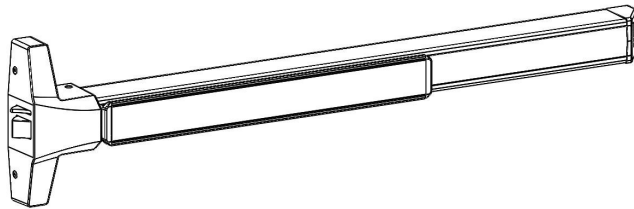


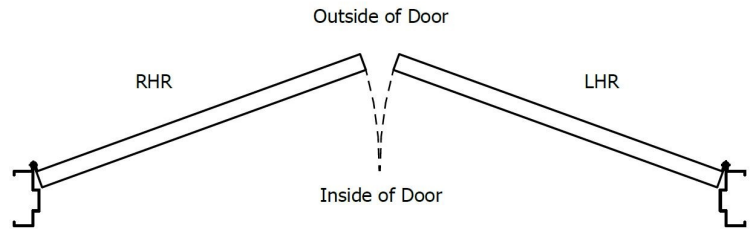
DEVICES COVERED IN THIS DOCUMENT:

- 4600 SERIES RIM PANIC NARROW STILE EXIT DEVICE
- 4600 SERIES RIM FIRE NARROW STILE EXIT DEVICE

OVERVIEW

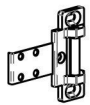
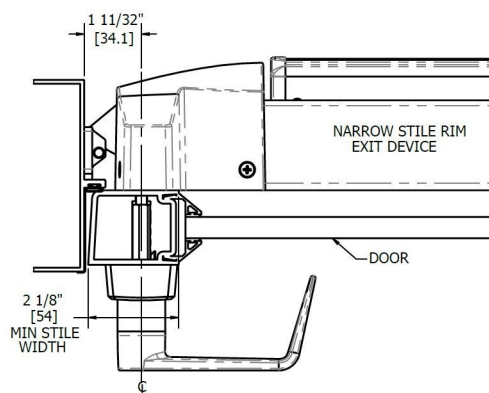


DOOR HANDING



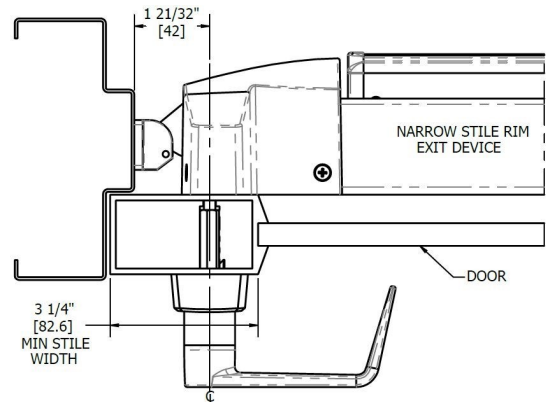
APPLICATIONS

4950 BLADE STOP STRIKE SINGLE DOOR



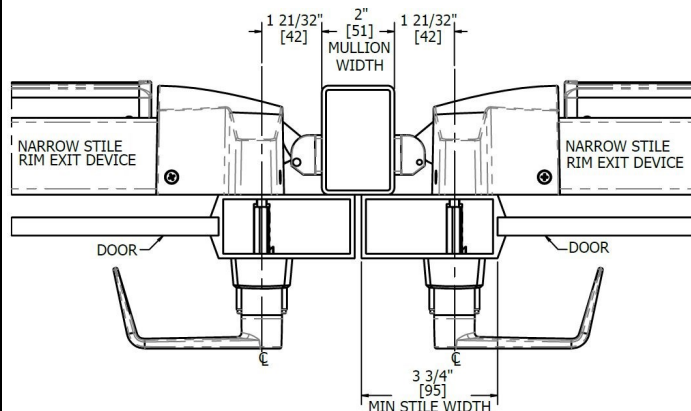
4950 Blade Stop Strike Application
Single Door Panic-Rated Exit Hardware

4920 STANDARD STRIKE SINGLE DOOR



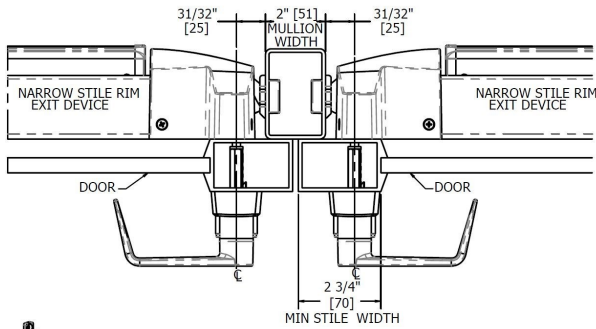
4920 Strike Application
Single Door Panic-Rated Exit Hardware
(4920F Strike Standard for Fire-Rated Devices)

4920 STANDARD STRIKE AND MULLION



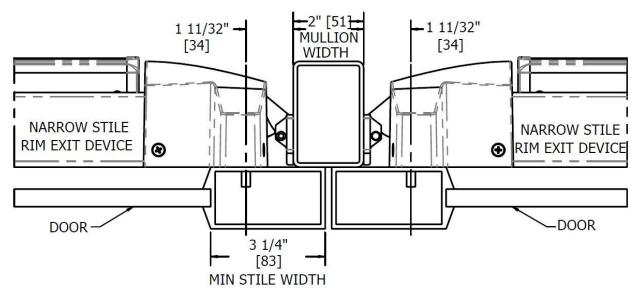
4920 Strike Application
Double Door Panic-Rated Exit Hardware
(4912 Strike Available for Fire-Rated Mullion Applications)

4952 SEMI-FLUSH STRIKE AND MULLION



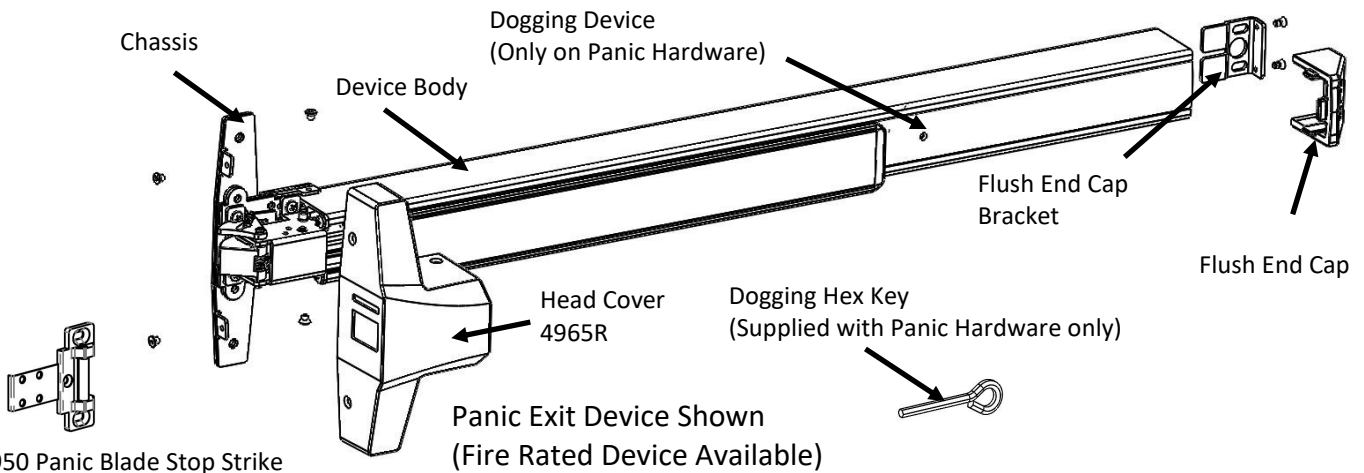
4952 Semi-Flush Strike Application
Single or Double Door Panic-Rated Exit Hardware

4950 BLADE STOP STRIKE AND MULLION



4950 Blade Stop Strike Application
Single or Double Door Panic-Rated Exit Hardware

SUPPLIED PARTS



4950 Panic Blade Stop Strike
(Provided with Panic Device)



4920 Panic Strike for Standard Frame
(Purchased Separately)



4920F Fire-Rated Strike for Standard Frame
(Provided with Fire-Rated Device)



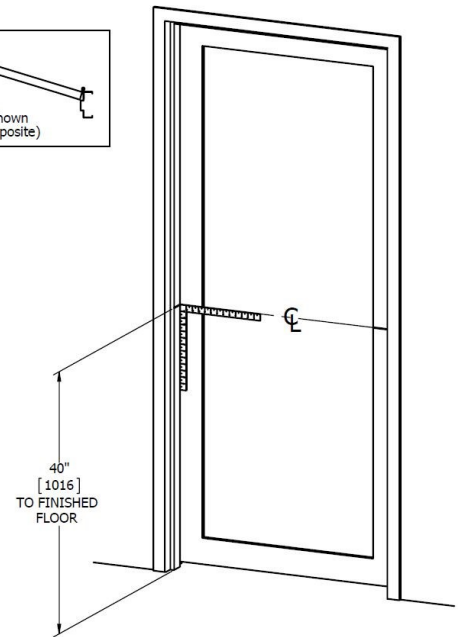
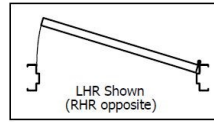
4952 Panic Semi-Flush Strike
(Purchased Separately)

Tools Required

| | | | | |
|--|--|--|---|--|
| | <p>Metal</p> <p>#7 #25 5/16" 1/2" 3/4" 1/4" - 20 #10 - 24</p> | <p>Wood</p> <p>1/8" 5/16" 1/2" 3/4"</p> | <p>Wood and Metal Screws</p> <p>For wood doors, drill 1/8" hole</p> <p>Machine Screws</p> <p>#7 drill, 1/4" - 20 tap</p> | <p>Sex Bolts</p> <p>Drill 5/16" thru from device side. Drill 3/8" from other side (pull side).</p> <p>Check building and fire codes to see if your application requires the use of sleeve nuts and bolts.</p> |
|--|--|--|---|--|

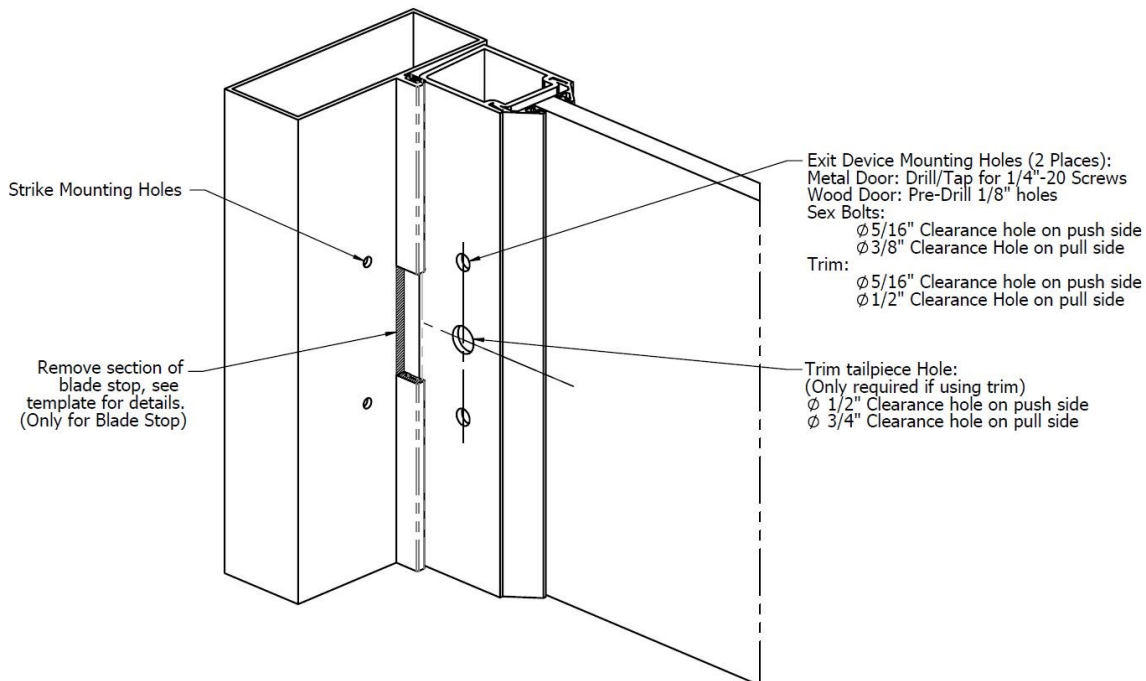
1. MARK DOOR

- A. Measure and draw center line on door and frame, typically 40" from finished floor.
- B. Fold and apply templates to door and frame.
- C. Refer to website for templates.



2. DRILL MOUNTING HOLES

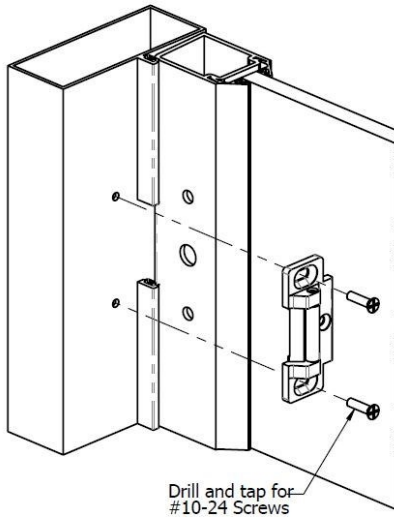
- A. Mark, drill and tap holes as shown on door and frame templates. Do not drill center hole on strike until after strike has been mounted and adjusted at the end of the installation.



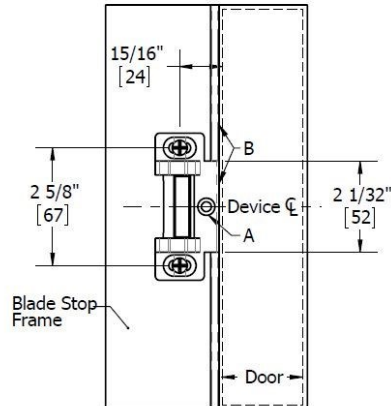
3. INSTALL STRIKE

A. Install strike using the two outer mounting holes.

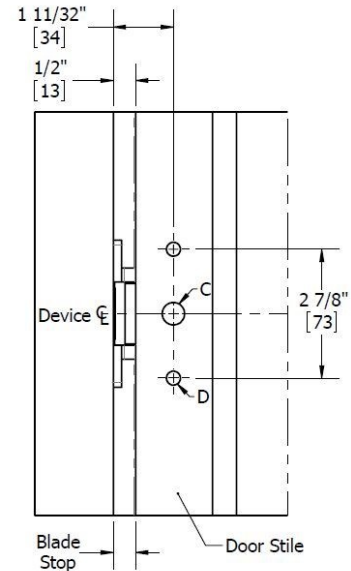
4950 Blade Stop Strike Install:



Drill and tap for #10-24 Screws

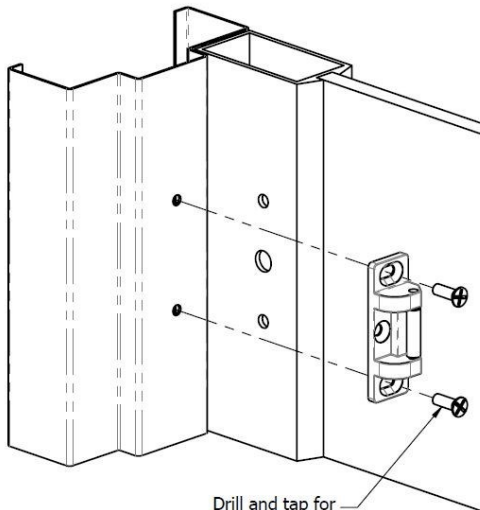


- A. Do not drill center hole until final adjustment at the end of the installation.
- B. Align front edge of strike with door side of stop.

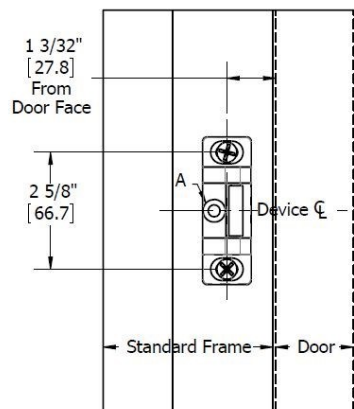


- C: Trim Tailpiece clearance hole:
 $\phi 1/2"$ Push Side
 $\phi 3/4"$ Pull Side
 (Only required if using trim)
- D: Device Mounting Holes (2 Places):
 Metal Door: Drill/Tap for $1/4"-20$ Screws.
 Wood Door: Pre-Drill $\phi 1/8"$ holes.
 Sex Bolts: $\phi 5/16"$ Clearance hole on push side, $\phi 3/8"$ Clearance hole on pull side.

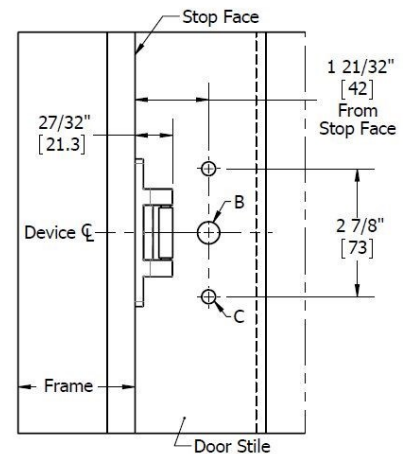
4920 Standard Strike Install:



Drill and tap for 1/4"-20 Screws



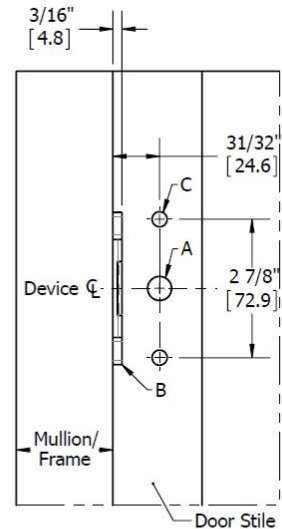
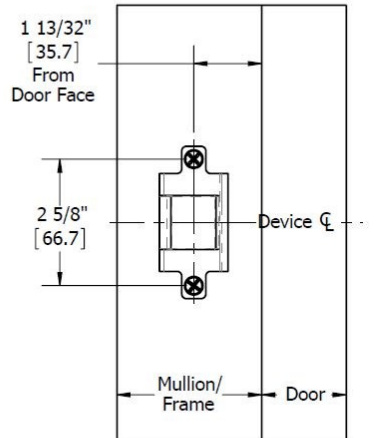
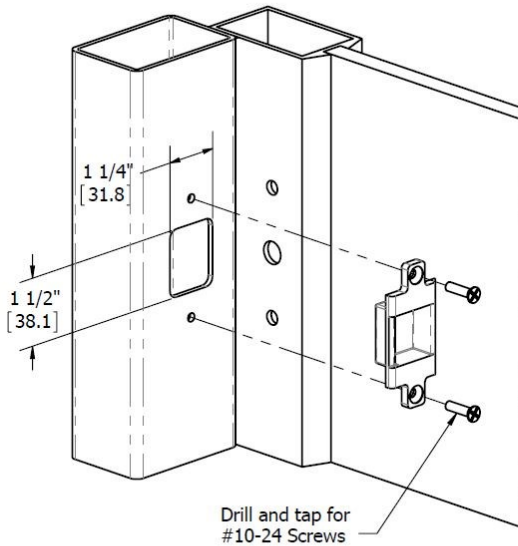
- A: Do not drill center hole until final adjustment at the end of the installation.



- B: Trim Tailpiece clearance hole:
 $\phi 1/2"$ Push Side
 $\phi 3/4"$ Pull Side
 (Only required if using trim)
- C: Device Mounting Holes (2 Places):
 Metal Door: Drill/Tap for $1/4"-20$ Screws
 Wood Door: Pre-Drill $\phi 1/8"$ holes
 Sex Bolts: $\phi 5/16"$ Clearance hole on push side, $\phi 3/8"$ Clearance hole on pull side.

3. INSTALL STRIKE (CONTINUED)

4952 Semi-Flush Strike Install:

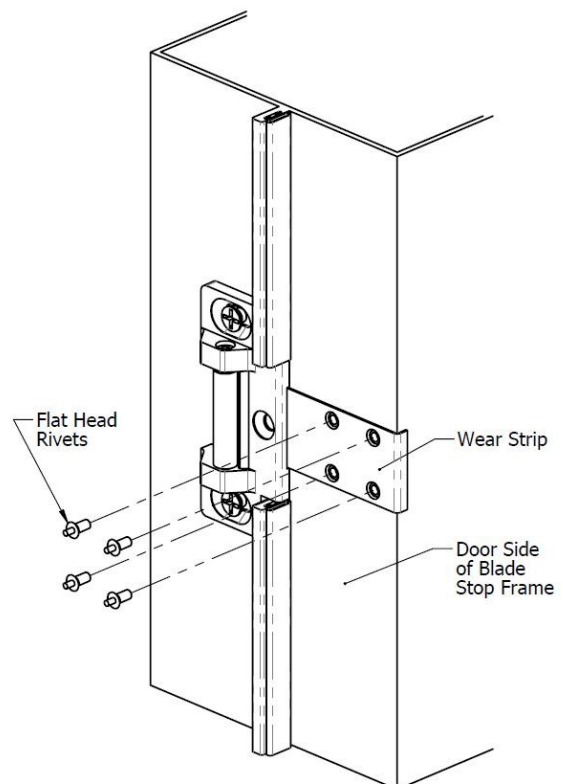


- A: Trim Tailpiece clearance hole
 ϕ 1/2" Push Side
 ϕ 3/4" Pull Side
 (Only required if using trim)
- B: Semi-Flush Strike

- C: Device Mounting Holes (2 Places):
 Metal Door: Drill/Tap for 1/4"-20 Screws.
 Wood Door: Pre-Drill ϕ 1/8" holes.
 Sex Bolts: ϕ 5/16" Clearance holes on push side, ϕ 3/8" Clearance holes on pull side.

4. INSTALL 4950 WEAR STRIP (SKIP IF USING A DIFFERENT STRIKE)

- A. Place wear strip on frame and center on strike.
- B. Hold in place and mark all 4 hole locations.
- C. Drill 1/8" diameter holes in 4 places and install wear strip with Flat head drive rivets (provided).



5. CUT EXIT DEVICE TO LENGTH

- A. Remove head cover from exit device chassis.
- B. Align device with mounting holes and measure to determine length to cut device. The clearance between the frame stop and end of exit device (with end cap removed) is 1-5/8" (See Figure 5-1).
- C. Cut device square with hack saw or metal cutting saw blade and deburr edges. **Make sure cut is straight or the end cap won't sit flush.** Be sure to save the spring clip on the dogging plate cover for use on the device. (See Figure 5-2).

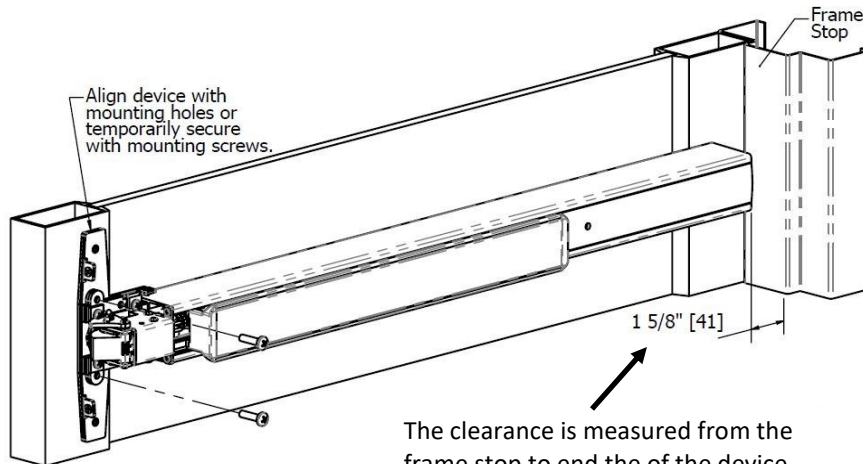


Figure 5-1

The clearance is measured from the frame stop to end of the device (without end cap).

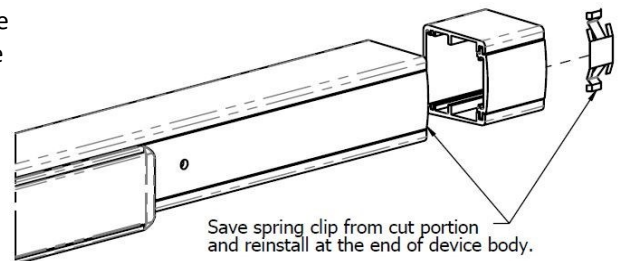
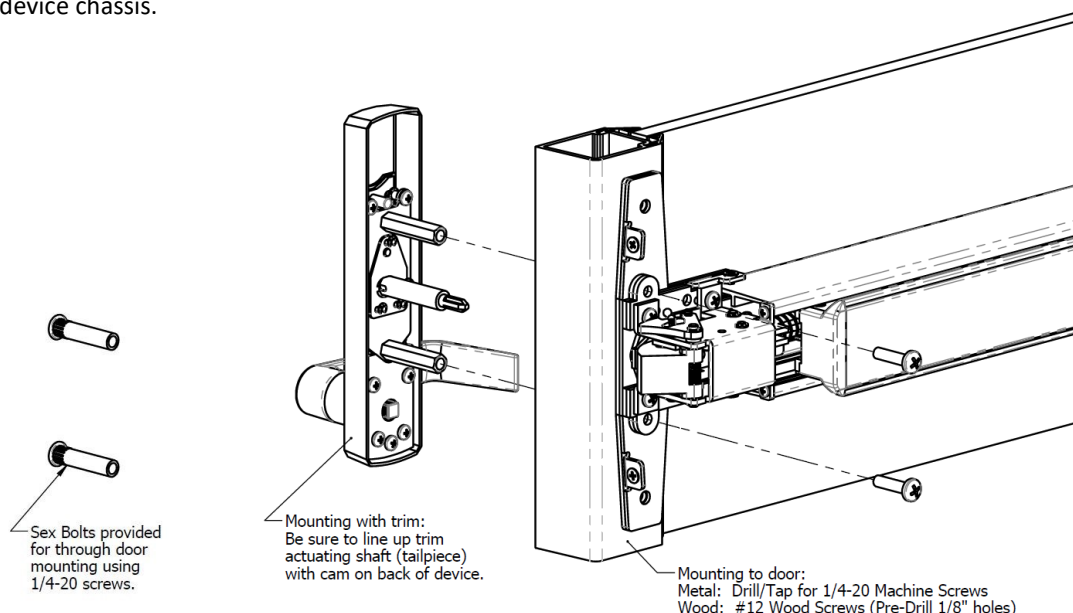


Figure 5-2

6. INSTALL DEVICE

- A. Mount exit device using the provided screws. If using trim be sure to line up trim actuating shaft (tailpiece) with cam located on back of exit device chassis.



7. INSTALL FLUSH END CAP

- A. Remove the flush end cap from the flush end cap bracket.
- B. Mark hole locations by holding flush end cap bracket up against door and device. Be sure exit device is level before inserting the flush end cap bracket into the device.
- C. Mark and drill/tap holes.
- D. Install flush end cap bracket and flush end cap using supplied screws (See Figure 7-1). If the flush end cap is not flush with the exit device, remove flush end cap and adjust the mounting screws and the flush end cap bracket as needed (See Figure 7-2)..

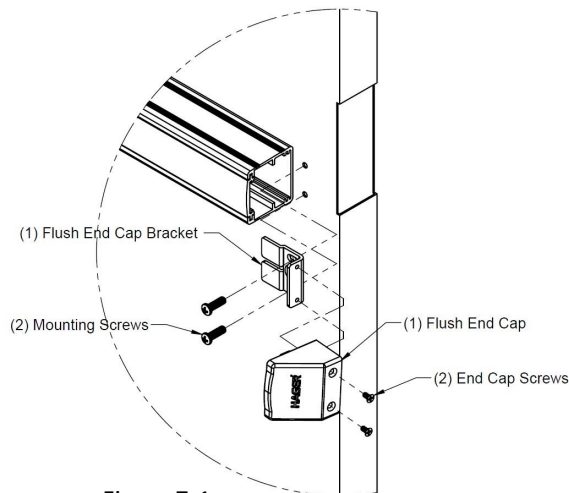


Figure 7-1

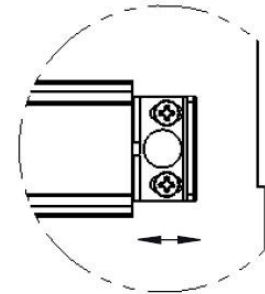
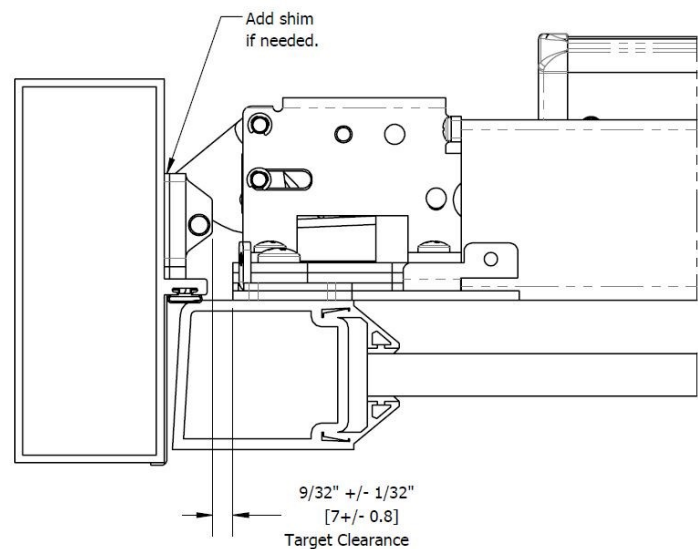


Figure 7-2

8. TEST AND ADJUST

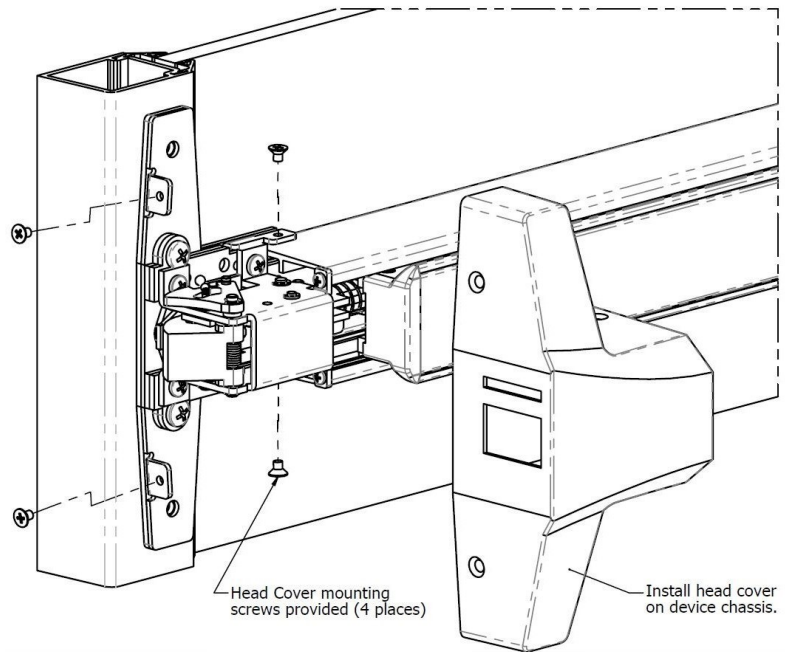
- A. Check engagement between exit device and strike. Shim strike as needed for a 9/32" clearance between strike and chassis.
- B. Check opening and closing door. Repeat this with head cover to make sure head cover does not hit the strike.
- C. If device operates properly, drill/tap and install center screw in strike (if applicable).



Target Clearance measured from strike face to front edge of device chassis
(Blade Stop Application Shown Above)

9. INSTALL HEAD COVER

A. Install head cover on chassis using provided screws.



10. DOGGING DEVICE

A. For increased life of the device, dog the push bar down during high traffic periods of the day.

B. Hex Wrench Dogging:

To dog the device, press the push bar, insert the hex dogging wrench and turn clockwise 35 degrees. The push bar will remain depressed and the latch will stay in the Door Open Position. (See Figure 10-1) To release the dogging, hold the push bar down, insert the hex dogging wrench and turn counter-clockwise 35 degrees. The push bar will return to the up position and the latch will actuate to lock the door.

C. Cylinder Dogging:

Required hardware for cylinder dogging includes one (1) mortise cylinder, lengths 1-1/8", 1-1/4" or 1-3/8" with a standard cam (0.723" [18mm] screw center to tip of cam); and one (1) Hager Cylinder Dogging kit (4925R) which includes one (1) 11/32" [8.7mm] solid cylinder collar and cashbox nut. (See Figure 10-2) Remove and discard the hex wrench extension. (See Figure 10-3) The cylinder should be oriented so the cam is pointing away from the exit device push bar. (See Figure 10-4) Install the dogging cover plate with the cylinder and test the dogging. (See Figure 10-5) Depress the push bar, insert the key and turn the key clockwise to dog the device. Turn the key counter-clockwise to release the dogging.

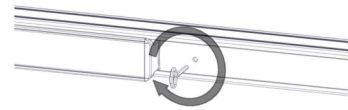


Figure 10-1

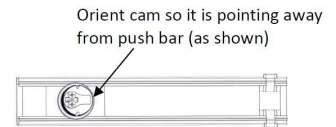


Figure 10-4

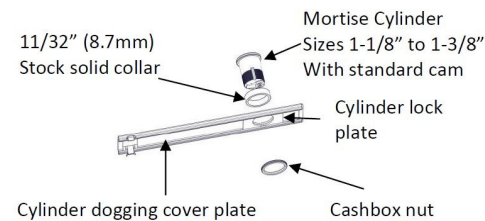


Figure 10-2



Figure 10-3

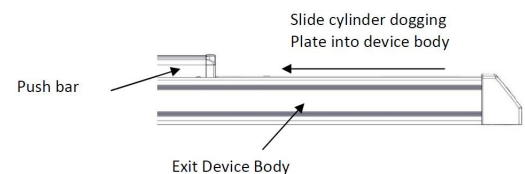


Figure 10-5