8400 Mortise Exit Device

Installation Instructions

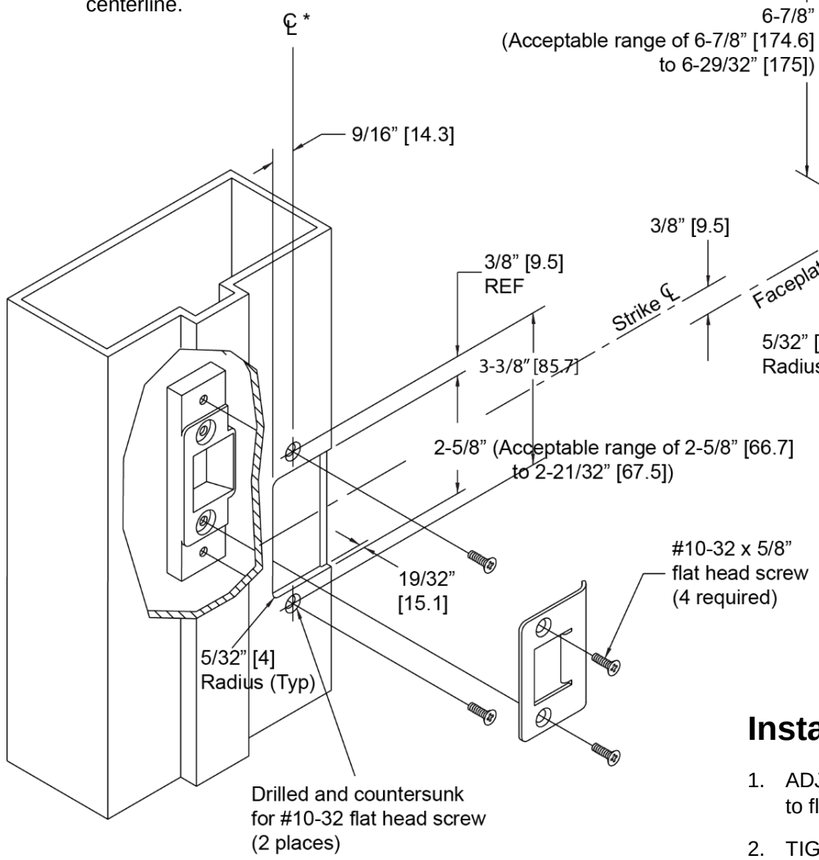
Phoenix, AZ 85044
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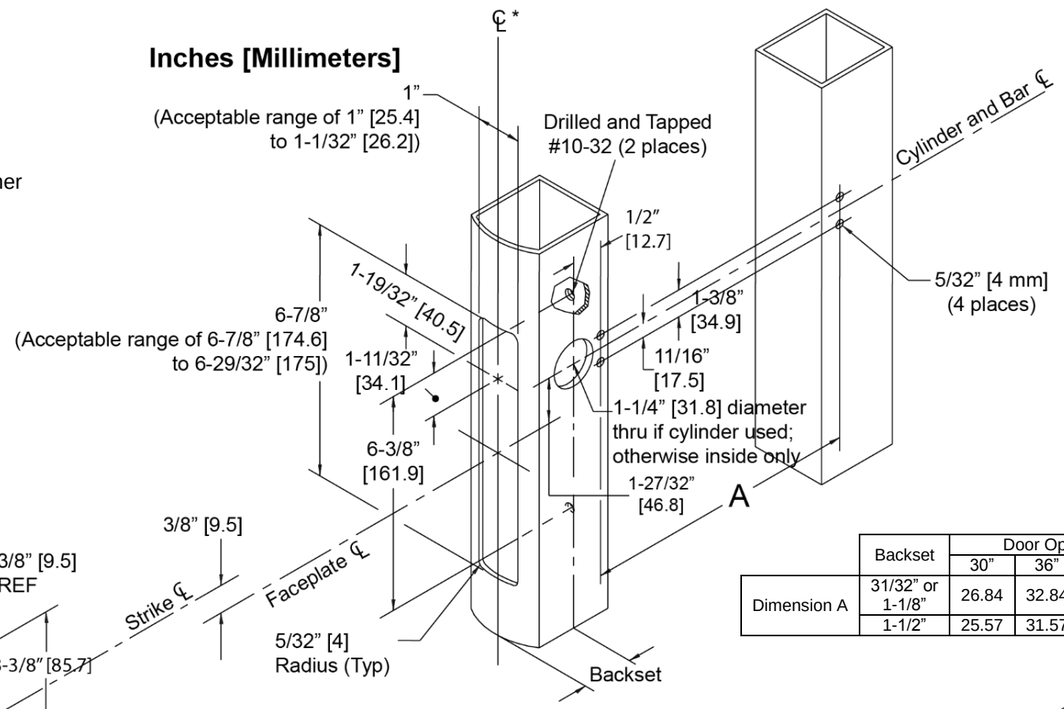
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Preparing

NOTE 1: These dimensions and templates assume a door thickness or 1-3/4." For doors of other thickness, the factory should be consulted.

NOTE 2: CL* denotes vertical centerline of strike within 1/64" of deadlatch centerline.





	Backset	Door Opening Width			
		30"	36"	42"	48"
Dimension A	31/32" or 1-1/8"	26.84	32.84	38.84	44.84
	1-1/2"	25.57	31.57	37.57	43.57

Installing the Strike

NOTE: Both strike cup and strike plate must be installed properly to meet code requirements.

1. INSTALL cast strike cup with #10-32 flat head screws.
2. INSTALL strike plate with #10-32 flat head screws.

Installing the Deadlatch

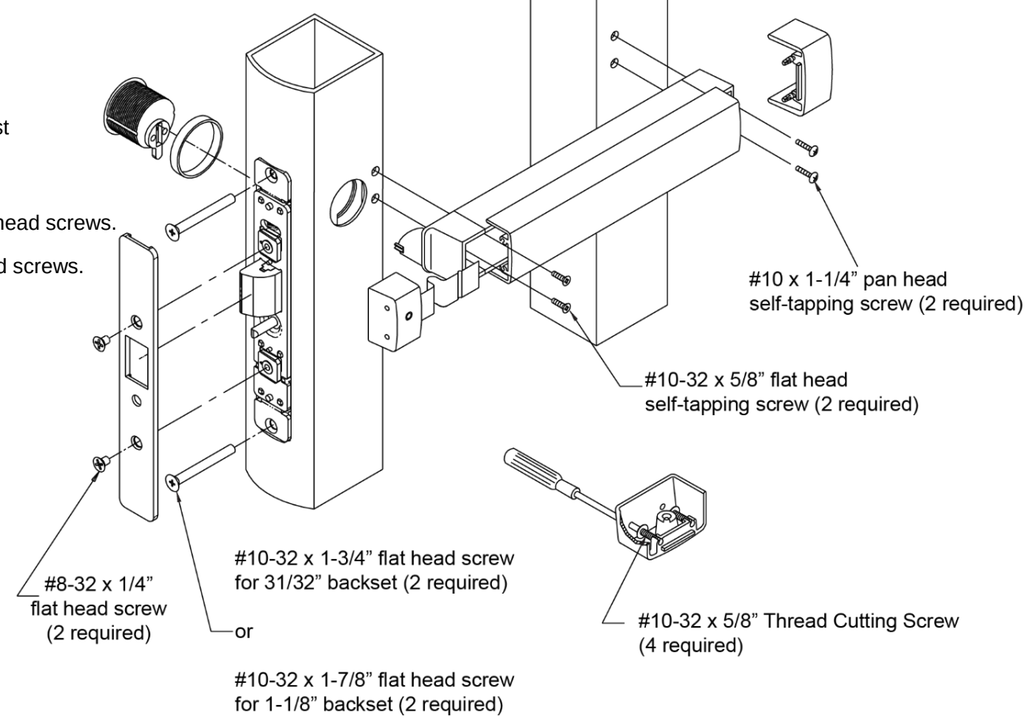
1. ADJUST mounting post to length required to flush faceplate with nose of stile.
2. TIGHTEN lock case securely using #10-32 screws.

Mounting the Push Bar

1. DEPRESS latch bolt.

NOTE: The square key on plug must align with square notch on side plate.

2. INSERT bar assembly cam plug thru side plate.
3. INSTALL self-tapping screws on both ends and securely TIGHTEN.
4. TIGHTEN cam plug set screw.
5. INSTALL faceplate.
6. INSTALL end caps (dogging socket at latch end).

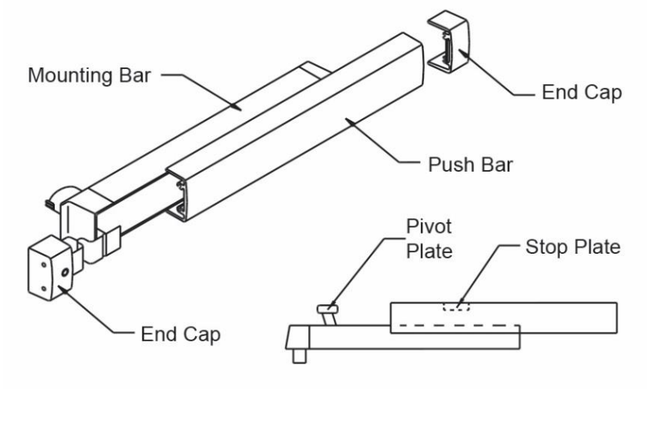


IMPORTANT NOTE

Installation must be in accordance to all applicable building and life safety codes.

Separating Push Bar and Mounting Bar

1. REMOVE both end caps (retainer is attached to nose end cap).
2. SLIDE push bar toward hinge side of door.
3. CONTINUE to slide push bar past the pivot plate that rides in push bar track.
4. SLIDE push bar in opposite direction, keeping pivot plate out of track until push bar is free of mounting bar.



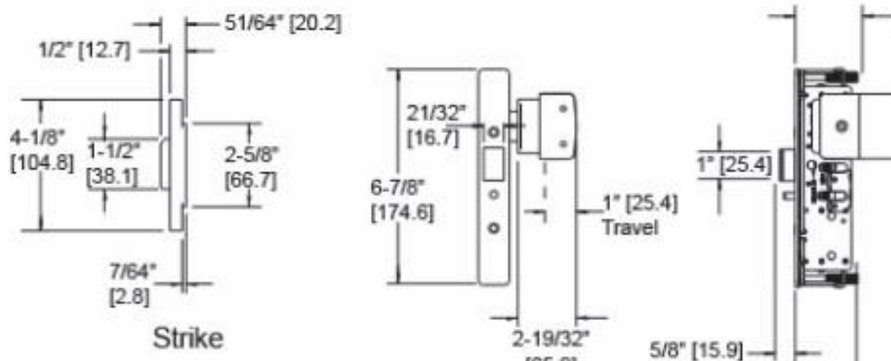
Installing Push Bar to Mounting Bar

1. With push bar in hand and mounting bar attached to door, FIND the stop plate staked into push bar (plate is on the latch end of the assembled unit).
2. SLIDE the pivot plate nearest the hinge into track of push bar until second pivot plate is exposed.
3. INSERT pivot plate into track on push bar and SLIDE in opposite direction until push bar and mounting bar align.

IMPORTANT NOTE

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Cutting Off for Non-Standard Doors

1. DRIVE OUT the two roll pins.
2. REMOVE mounting cap.
3. COLLAPSE bar and TAPE DOWN in area of cut-off.

NOTE: 3-19/32" [91.3 mm] minimum dimension from rivet centerline to new cut-off length, as show below.

4. DETERMINE extrusion length (Dimension "B").
5. MEASURE mounting bar (not push bar), and MARK extrusion length on tape.
6. SAW off excess length.
7. LAY mounting clip over mounting bar (Figure "C") and USE as a guide to drill two 1/8" [3.2 mm] holes.
8. RE-INSTALL mounting cap into mounting bar and DRIVE two roll pins into holes.
9. SEE installation instructions.

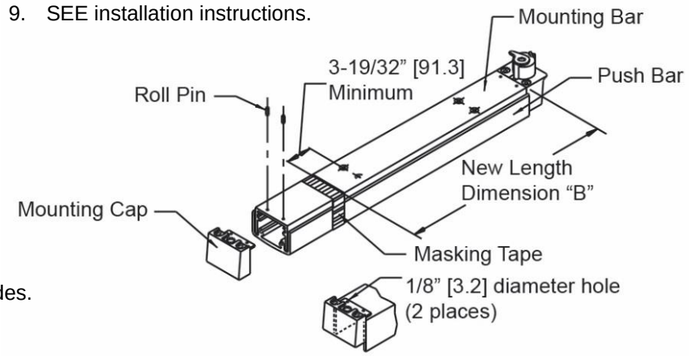


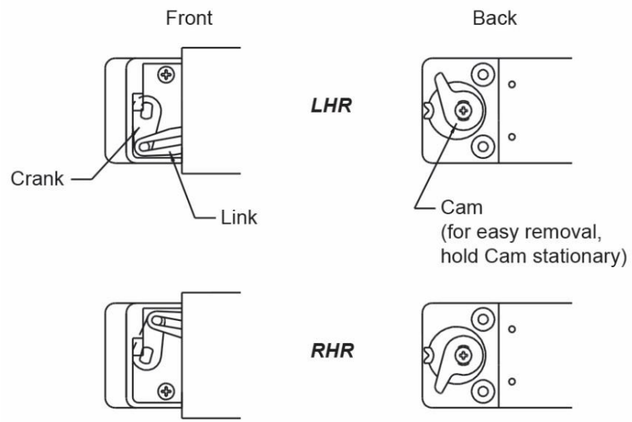
Figure "C"

Backset	Dimension "B"
31/32" or 1-1/8"	Door Opening Less 3-47/64"
1-1/2"	Door Opening Less 5"

Changing Hand of Exit Device

1. REMOVE screws and then spring retainer plate.
2. REMOVE two springs.
3. REMOVE auxiliary bolt.
4. REMOVE latch bolt and deadlocking arm assembly, being careful not to lose small internal spring.
5. REMOVE internal (deadlocking) spring.
6. SLIDE pin out of latch bolt and REMOVE deadlocking arm.
7. REPLACE deadlocking arm on opposite side of latch bolt and INSTALL pin.
8. INSTALL internal spring and INSERT latch bolt and deadlocking arm assembly into latch case.
9. INSTALL auxiliary bolt.
10. REPLACE two springs.
11. INSTALL spring retainer plate.

Exit Bar



Front View

1. REMOVE link from crank arm.
2. ROTATE crank to opposite direction.
3. CONTINUE moving crank arm as as bar is released.

Back View

1. REMOVE Cam screw.
2. FLIP Cam over to opposite position.
3. REPLACE Cam screw and TORQUE to 6.5–7.0 inch pounds.