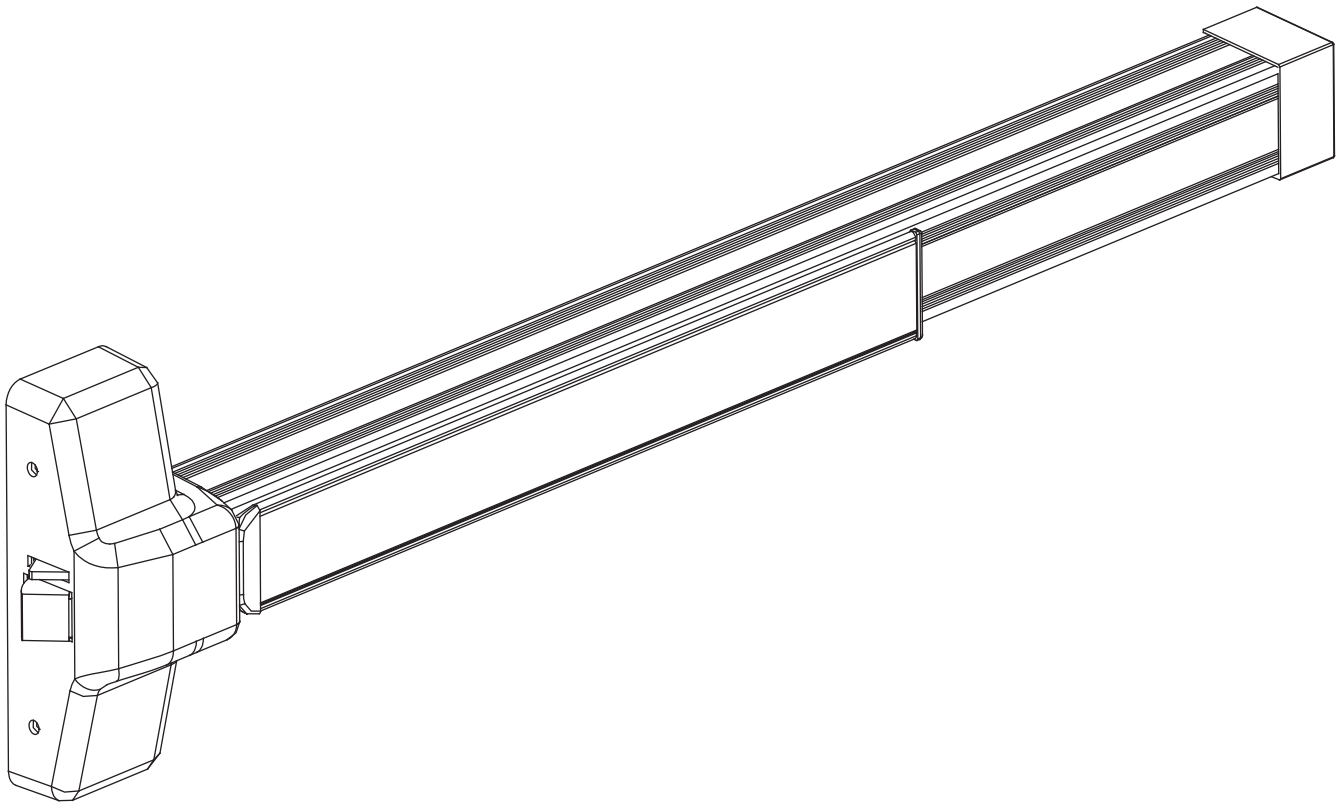
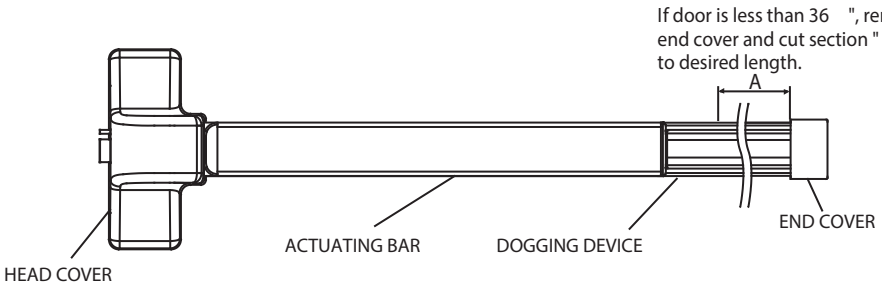
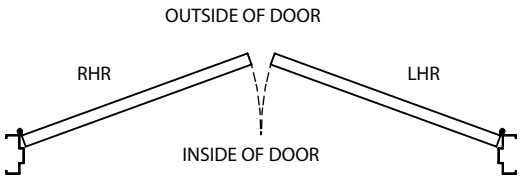
F1000R Fire Rated Exit Device
Installation Instructions

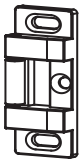


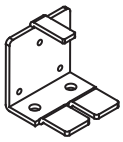
A IDENTIFICATION OF PARTS

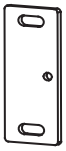


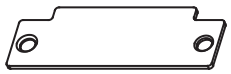
DOOR HANDING



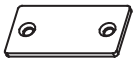

ROLLER STRIKE


END COVER MOUNTING BRACKET


STRIKE SHIM


ASA FILLER PLATE


THRU BOLT (6 PCS)


LATCHBOLT FILLER PLATE

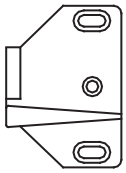

1/4"-20P x 3/4" (3 PCS) FLAT HEAD MACHINE SCREWS


1/4"-20P x 3/4" (6 PCS) ROUND HEAD MACHINE SCREWS

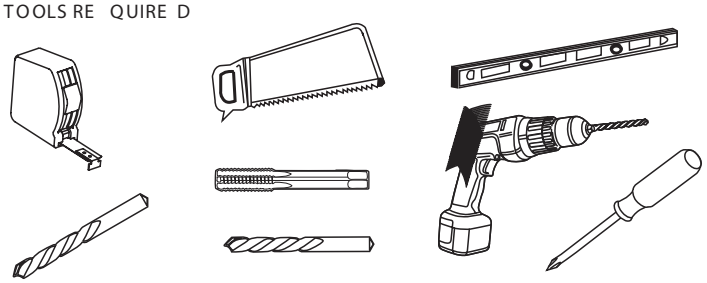

1/4"x1 1/2" (9 PCS) SELF TAPPING MACHINE SCREWS


1/4"x 1 1/4" (3 PCS) FLAT HEAD WOOD SCREWS

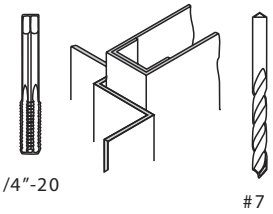

1/4"x 1 1/4" (6 PCS) ROUND HEAD WOOD SCREWS


DOUBLE DOOR STRIKE
(Not included ,must be ordered separately. For use on rim x vertical rod applications.)

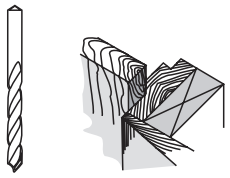
TOOLS RE QUIRE D



METAL

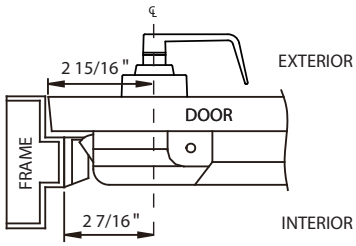


WOOD



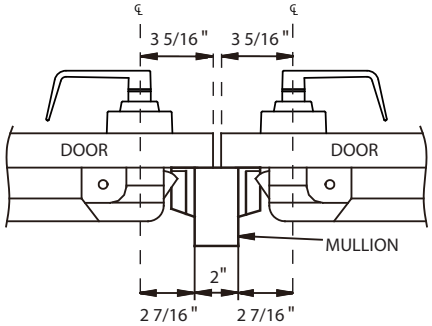
B TYPE OF INS TAL LTION

A. Rim Device on Single Door



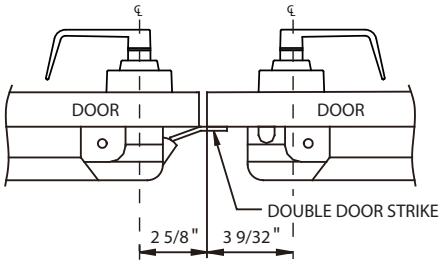
A stock door backset of 2 3/4" can be used but will decrease the backset by 3/16", this can be offset by not using the 1/8" strike shim to gain 1/8" extra clearance. This will bring the backset within 1/16" which is within acceptable tolerances to operate correctly.

B. Rim x Rim x Mullion on Pair of Doors



If KRM Mullion is being used,install KRM mullion first, then outside trim adjusting backset according to KRM Mullion backset drawing and then install exit device.

C. Rim w/ DDS x Surface Vertical Rod on a Pair of Doors

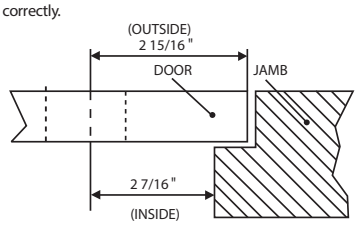


When installing Rim device x SVR device on a pair of doors a Double Door Strike (DDS) is required. For complete template information, please refer to the DDS template.

Not to scale 1:1. Measurements are for reference only. Not a drilling template.

C DRILL HOLES

1. Determine if outside trim is being used.
2. If outside trim is being used mark and drill holes on outside door face according to trim template first and install trim, then mark and drill holes for exit device according to enclosed exit device template and install.
3. If no outside trim is being used mark and drill holes according to enclosed exit device template and install.
4. A stock door backset of 2 3/4" can be used but will decrease the backset by 3/16", this can be offset by not using the 1/8" strike shim to gain 1/8" extra clearance. This will bring the backset within 1/16" which is within acceptable tolerances to operate correctly.



For 1000:

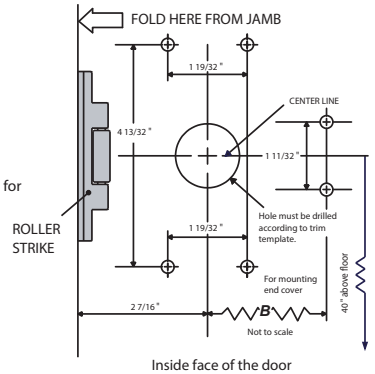
Important Notes:

1. If KRM Mullion is being used, install KRM mullion first, then outside trim adjusting backset according to KRM Mullion backset drawing # KRM-1000 and then install exit device.
2. If installing rim type and surface vertical rod exit devices on a pair of doors a Double Door Strike (DDS) is required. (available by special order) For revised backset dimension required for DDS use please refer to the DDS backset drawing # DDS-1000.

For 2000:

Important Notes:

1. If KRM Mullion is being used, install KRM mullion first, then outside trim adjusting backset according to KRM Mullion backset drawing # KRM-2000 and then install exit device.
2. If installing rim type and surface vertical rod exit devices on a pair of doors a Double Door Strike (DDS) is required. (available by special order) For revised backset dimension required for DDS use please refer to the DDS backset drawing # DDS-2000.

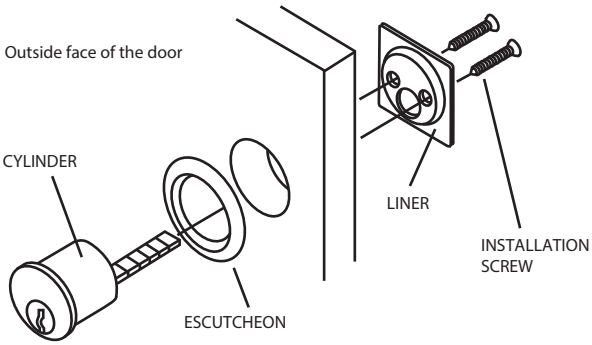


Inside face of the door

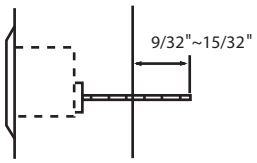
(For complete template information and details, please refer to enclosed template.)

D INSTALL CYLINDER

(Or, install other trims. See installation instructions of these outside trims.)



1.Insert the cylinder into the hole on the door.
2.Keep the tailpiece horizontal.
3.Tighten the screws.



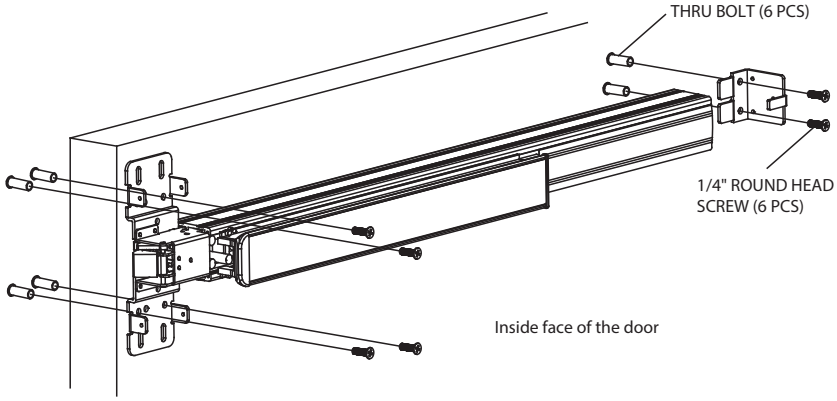
Tailpiece projection

E INSTALL BODY

1.Remove the head cover from the device body and end cover from the mounting bracket by removing the screws that hold them on.

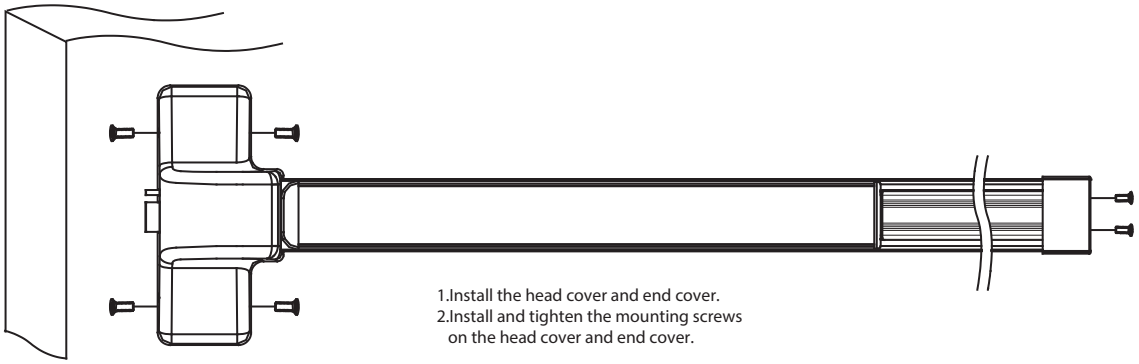
2.Align tailpiece receiver of exit device and trim/cylinder tailpiece so it slides onto trim/cylinder tailpiece. Also, align screw holes on exit device head with mounting holes on the door.

3.Insert thru bolts (6 PCS) into 3/8" holes on outside of door, then tighten the 1/4" round head screws (6 PCS) from the inside through the head and end cover mounting plate.



Inside face of the door

F PUT ON BOTH HEAD AND END COVER



1.Install the head cover and end cover.
2.Install and tighten the mounting screws on the head cover and end cover.

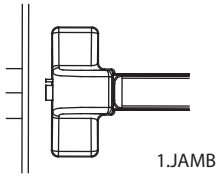
Not to scale 1:1. Measurements are for reference only. Not a drilling template.

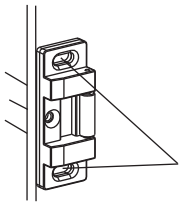
G INSTALL ROLLER STRIKE

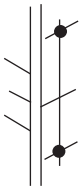
1.With the door in the closed position, mark the centerline of latchbolt on door jamb.
2.Place roller strike on door jamb. Align center of roller strike with the latchbolt centerline. Mark on the jamb. Then align the outside edge of the roller strike with the outside edge of the door jamb.

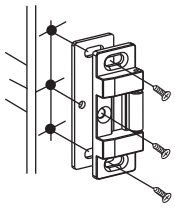
3.Mark the center of the 2 adjustable slotted holes and drill 7/32 " pilot holes. Tap pilot holes with 1/4"-20 threads and install machine screws. Or, drill 3/16" pilot holes for installing self tapping machine screws or wood screws in pilot holes. Close door to check if latchbolt extends properly. Adjust roller strike if necessary.

4.With roller strike in final position, drill a 7/32" pilot hole for the center mounting hole, tap pilot hole with 1/4"-20 threads and install machine screw. Or, drill 3/16" pilot hole for installing self tapping machine screw or wood screw in pilot hole.


1.JAMB

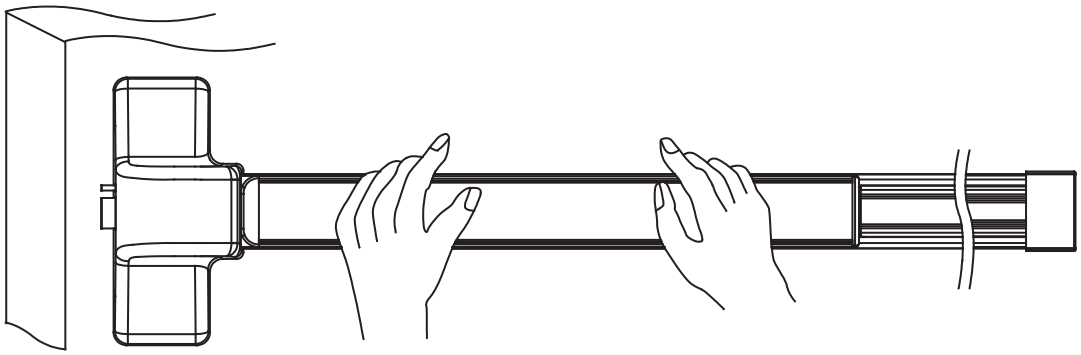

2.ADJUSTABLE SLOT


3.DRILL 7/32 " HOLE,TAP 1/4"-20P THREAD


4. 1/4 "-20P FLAT HEAD SCREW

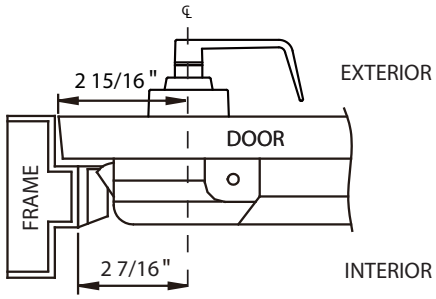
Note:Install strike shim unless the exit device head cover rubs the roller strike. Then remove the strike shim to gain additional clearance.

H OPERATION TEST



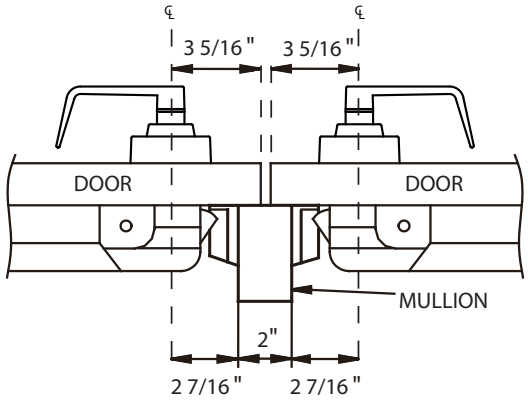
After installation is complete, press down the actuating bar to make sure the door opens and closes/latches correctly. Make any adjustments as needed.

TEMPLATE FOR INSTALLING RIM EXIT DEVICE



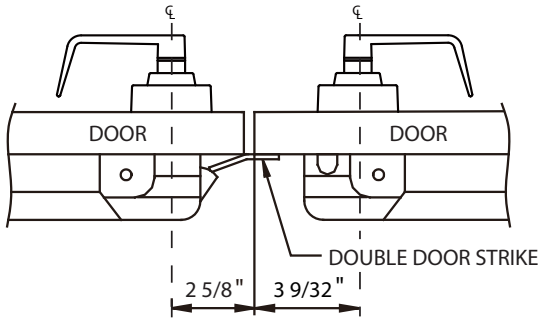
Rim Device on Single Door

A stock door backset of 2 3/4" can be used but will decrease the backset by 3/16", this can be offset by not using the 1/8" strike shim to gain 1/8" extra clearance. This will bring the backset within 1/16" which is within acceptable tolerances to operate correctly.



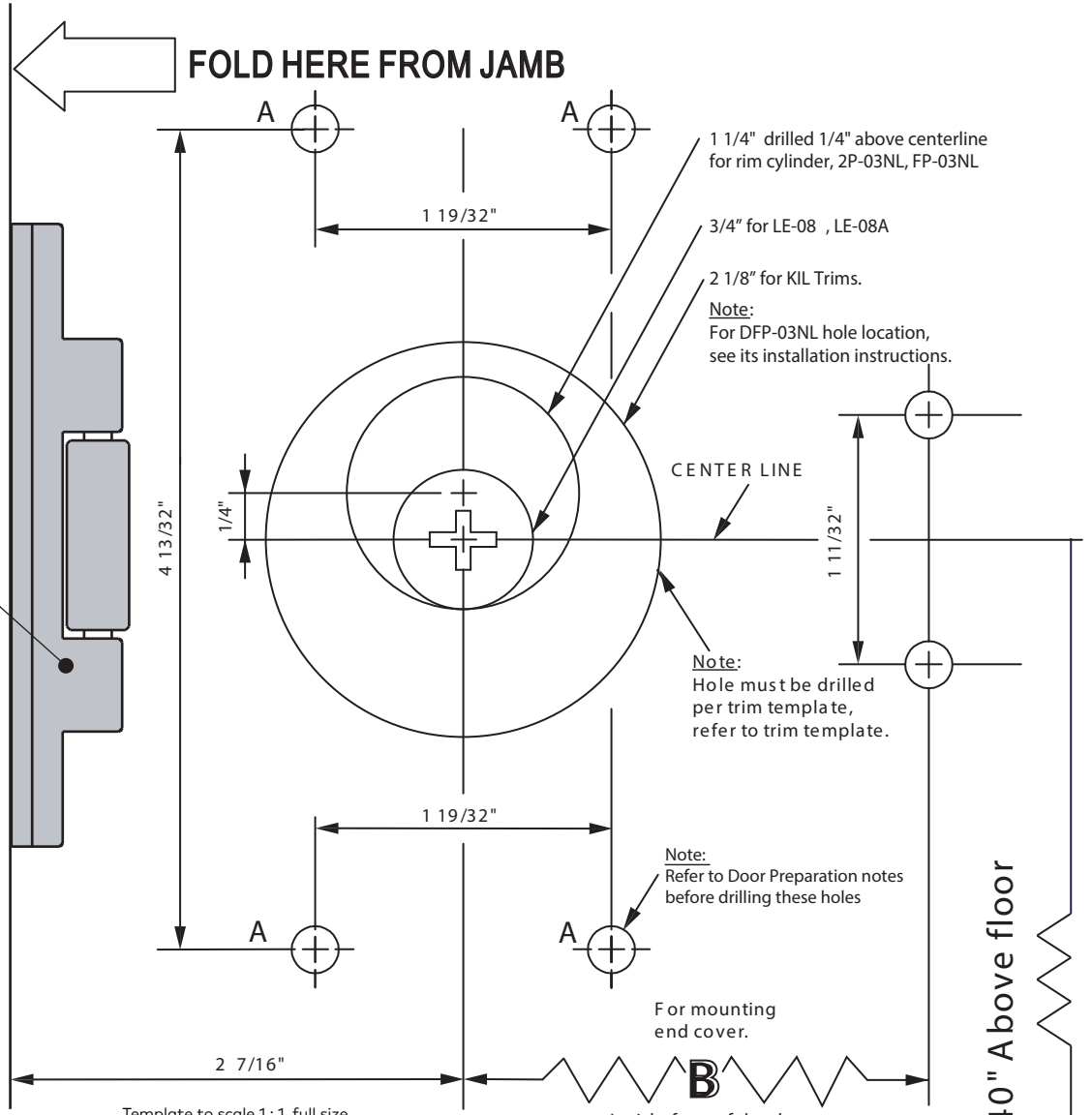
Rim x Rim x Mullion on Pair of Doors

If KRM Mullion is being used,install KRM mullion first, then outside trim adjusting backset according to KRM Mullion backset drawing and then install exit device.



Rim w/ DDS x Surface Vertical Rod on a Pair of Doors

When installing Rim device x SVR device on a pair of doors a Double Door Strike (DDS) is required. For complete template information, please refer to the DDS template.



Template to scale 1 : 1, full size.

Door Preparation for Outside Trim installations:

(A) Mark and drill holes on outside door face according to trim template.

(B) Mark and drill holes for End cap mounting bracket and roller strike per door preparations listed below.

Door Preparation for Exit Only installations:

(A) For 1000R series (UL Listed) – Drill & tap for (6) 1/4"x20 machine screws for exit device and drill and tap for (3) 1/4"x20 machine screws for roller strike

Optional fasteners:

(A) Drill (6) 3/16" pilot holes for self tapping machine screws or wood screws & drill (3) 3/16" pilot holes for self tapping machine screws or wood screws for roller strike

(B) For F1000R series (UL Fire Rated) – Drill 9/32" holes inside and 3/8" holes outside for the (6) thru bolts and drill & tap for (3) 1/4"x20 machine screws for roller strike

Always consult dormakaba's website for the latest instructions at designhardware.net or call 1-800-392-5209.

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