HAGER COMPANIES

DEVICES COVERED IN THESE INSTRUCTIONS:

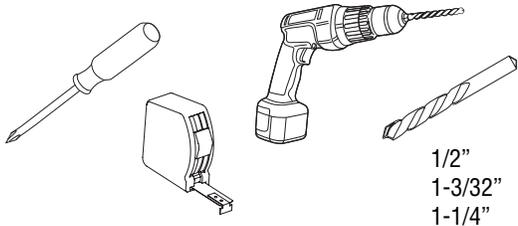47DT   Dummy-Pull When Dogged   47CE   Cylinder Escutcheon - Key Locks & Unlocks Lever
47NL   Night Latch - Key Retracts Latchbolt   47BE   Blank Escutcheon - Always Operable

Cylinder collar

Trim actuating shaft

Lever handle

47CE shown

Cylinder locking plate
Cylinder cam
Mounting posts
Handing pin
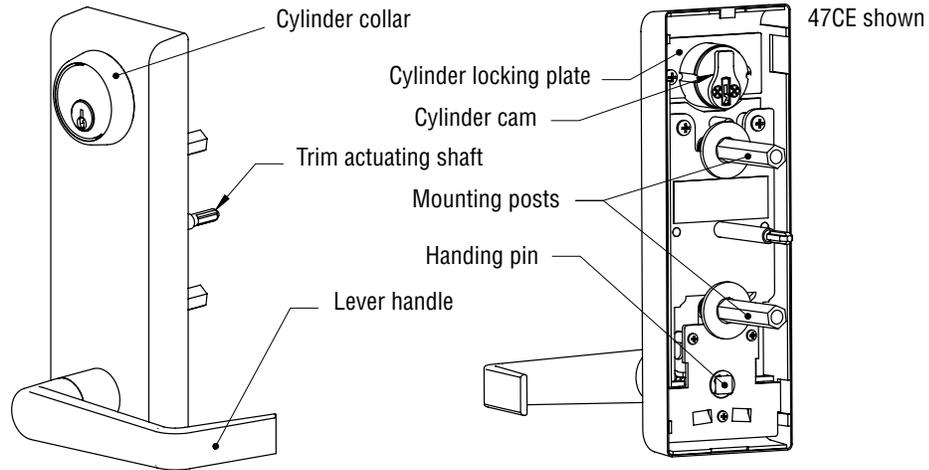
TOOLS

Tools Required

1/2"
1-3/32"
1-1/4"

Machine Screws

1/4" - 20

Door Handing

Outside of Door

RHR   LHR

Inside of Door
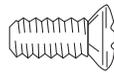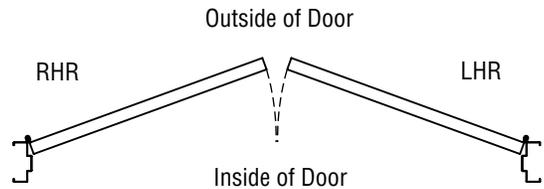
APPLICATIONS

Single Door with Rim Device

Door

Rim Exit Device

2-1/4"
[57]
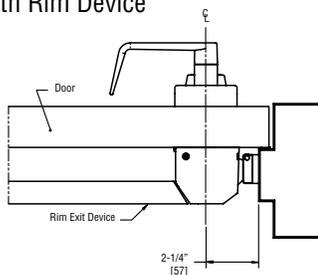
Double Door with Mullion

Door   Door

Rim Exit Device   Rim Exit Device

2-1/4"   Mullion   2-1/4"
[57]   [57]
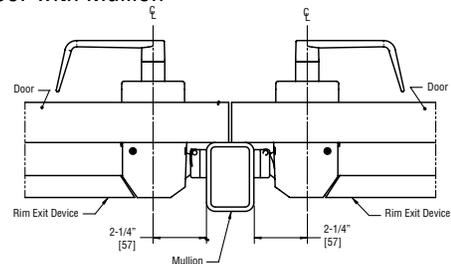
Double Door with SVR Device

2-1/4"
[57]

1-7/16"
[37]

Door   Door

Surface Vertical Rod Exit Device   Surface Vertical Rod Exit Device

1-7/16"   Vertical Rods
[37]

2-1/4"
[57]
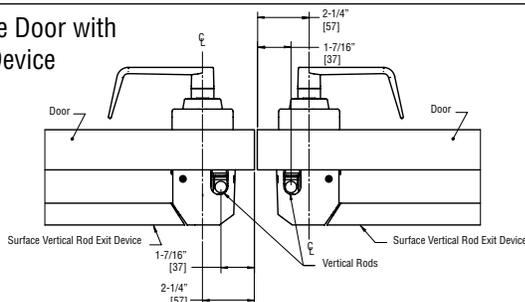
Double Door with Rim Device and SVR Device

Double Door Strike

Door   Door

Rim Exit Device   Surface Vertical Rod Exit Device

2-3/4"   2-3/4"
[70]   [70]

HAGER COMPANIES
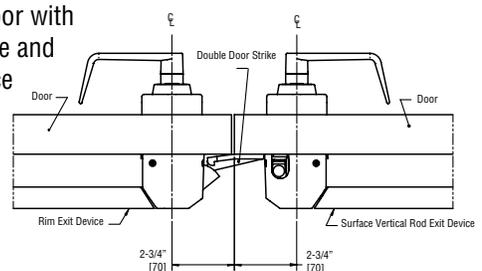
INSTRUCTIONS

1. Set trim handing.

    A. Rotate lever handle to the right or left direction to match desired door handing.
   B. Insert square handing pin into hub as shown.
    C. For Surface Vertical Rod devices only, be sure the handing matches what is indicated on the product box label. Surface Vertical Rod handing cannot be changed in the field.

    Note: See back of trim for a label that indicates which direction to position handle for RHR or LHR handing. The label also indicates which direction the trim actuating shaft should rotate.
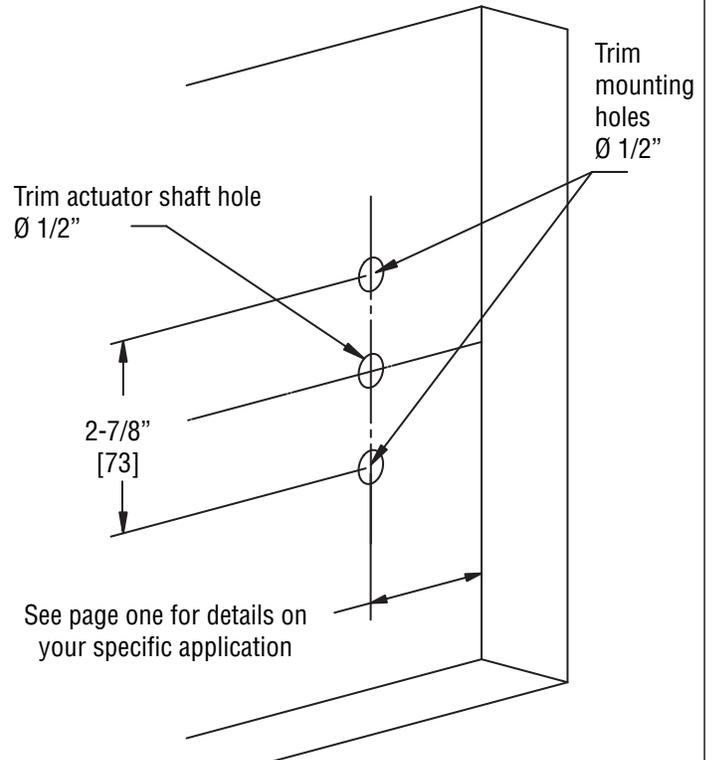
RHR
(Not applicable on Rim devices)

LHR
(Not applicable on Rim devices)

Right Hand Reverse (RHR)

Left Hand Reverse (LHR)

Step 1A: Door Handing

Hub

Square Handing Pin

Step 1B: Insert Square Handing Pin
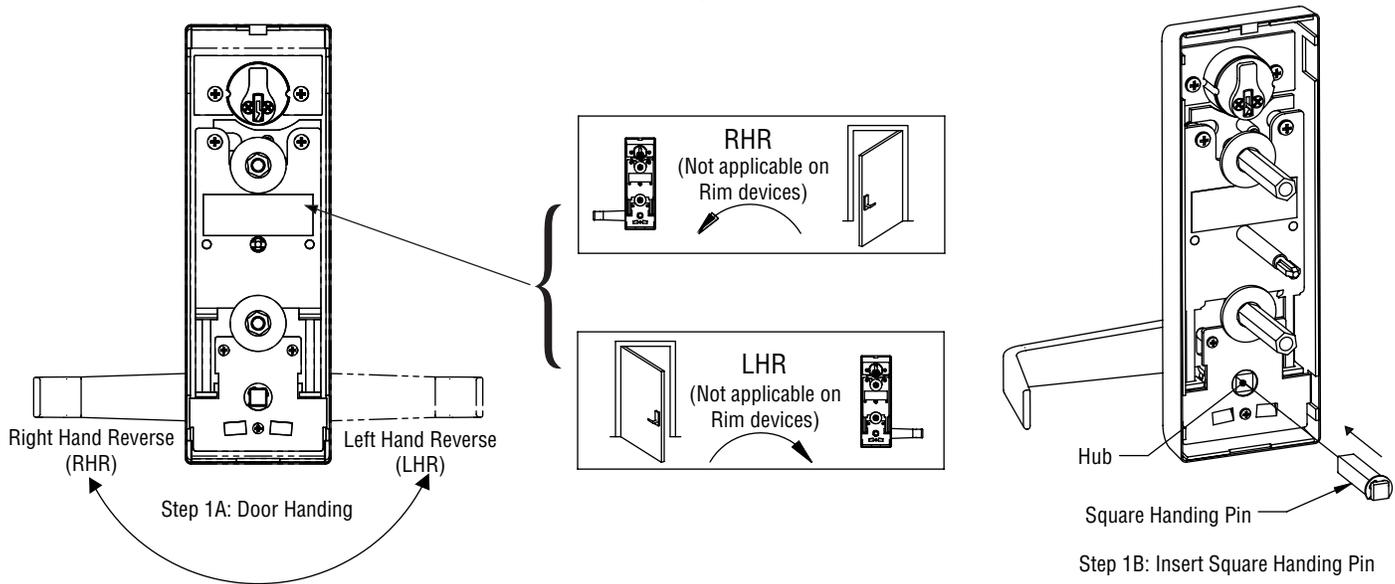
2. Install mortise cylinder.

    A. Remove key from mortise cylinder.
    B. Slide wave washer and cylinder collar onto mortise cylinder body.
    C. Screw mortise cylinder into escutheon trim with cam position as shown.
    D. Install cylinder locking plate and use provided screws to secure.

Wave Washer

Cylinder Collar

Position Cam pointing up

Mortise Cylinder

Cylinder Locking Plate

Mortise Cylinder

Step 2B & 2C: Install Mortise Cylinder

Step 2D: Install Cylinder Locking Plate
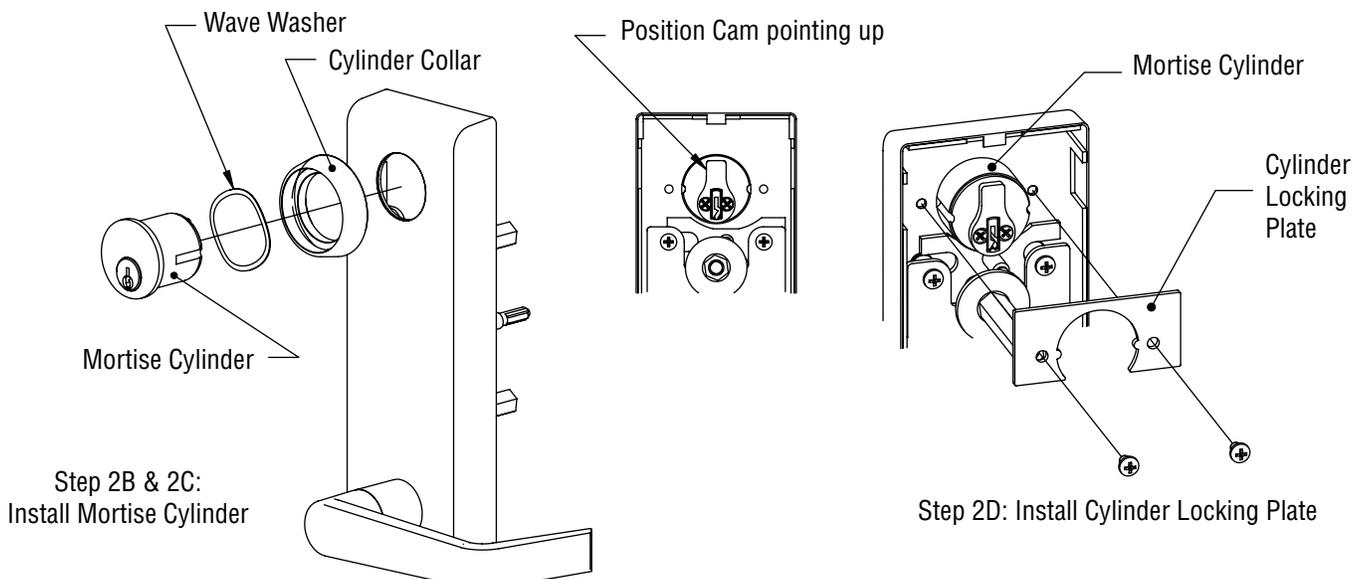
INSTRUCTIONS (CONTINUED)

3.   Mark and drill mounting holes for escutcheon trim.

A.   Mark horizontal centerline by matching it to exit device centerline, which can be found on push side of door.

B.   Apply template to door using centerline. Refer to Applications section on page one to determine location of vertical centerline. Vertical centerline should match exit device vertical centerline located on push side of door.

C.   Mark and drill 1/2" holes for mounting posts as shown on template.

D.   Mark and drill 1/2" hole for trim actuator shaft, which mates with exit device (not required for 47DT). See exit device instructions for further details.

Trim mounting holes Ø 1/2"

Trim actuator shaft hole Ø 1/2"

2-7/8" [73]

See page one for details on your specific application

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4.   Install escutcheon trim.

A.   Insert trim mounting posts and actuating shaft through door.

B.   Mate trim actuating shaft with cam on back of exit device.

C.   Secure from push side of door with provided 1/4" - 20 screws.

D.   Test installation by rotating lever handle or key to verify trim activates exit device.

Note: Dummy trim is only for pulling door. The handle does not rotate.

Trim actuating shaft

Door

Exit device mounting holes

Cam mates with trim actuating shaft