STEP 1: INSTALL CYLINDER (SKIP TO STEP "2" FOR DUMMY PULL - 47RD)

A. TRANSFER HORIZONTAL AND BACKSET CENTERLINES FROM EXIT DEVICE SIDE OF THE DOOR. SEE NOTES FOR BACKSET DIMENSION.
B. USE TEMPLATE OR DIMENSIONS FROM PAGE 2 TO MARK HOLE LOCATIONS.
C. DRILL TWO ∅ 7/16" CLEARANCE HOLES FOR MOUNTING POSTS. BE SURE THESE HOLES ARE CENTERED ON THE HORIZONTAL CENTERLINE.
D. DRILL 1-1/4" DIA. HOLE THROUGH DOOR FOR RIM CYLINDER. NOTE FROM TEMPLATE OR PAGE 2 THAT THE CENTER OF THE HOLE IS .24" ABOVE EXIT DEVICE CENTERLINE.
E. INSERT RIM CYLINDER THROUGH COLLAR AND RAISE LIP PULL.
F. INSERT RAISED LIP PULL THROUGH DOOR.
    A. RIM CYLINDER TAILPIECE SHOULD INSERT INTO THE EXIT DEVICE CAM APPROXIMATELY 7/16" ± 1/16". IF IT'S TOO LONG, CAREFULLY MEASURE AND MARK AT THE CLOSEST BREAK-OFF LINE.
    B. THEN USE PLYERS TO BREAK-OFF EXCESS, CAREFUL NOT TO BREAK-OFF TOO MUCH.
G. INSTALL STANDARD MOUNTING PLATE FROM THE PUSH SIDE OF THE DOOR.
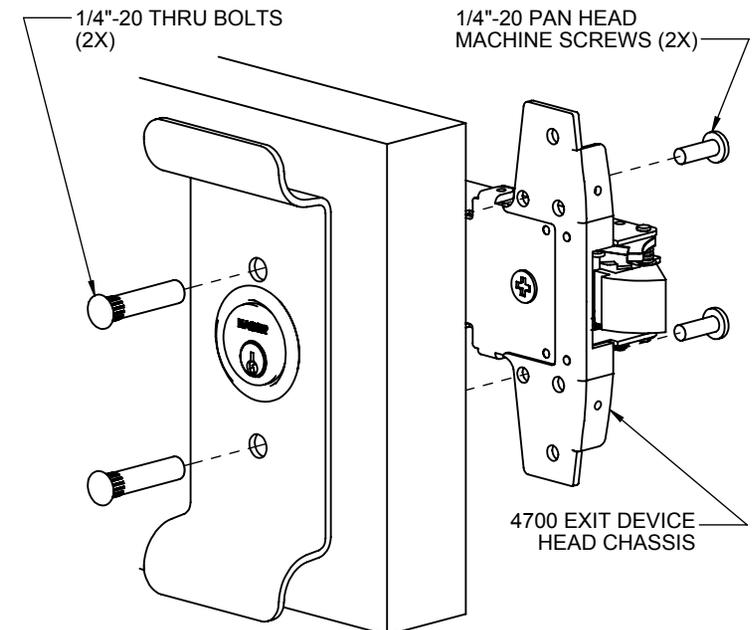H. SECURE RIM CYLINDER ASSEMBLY USING THE 2 BREAK-OFF SCREWS PROVIDED WITH THE RIM CYLINDER.
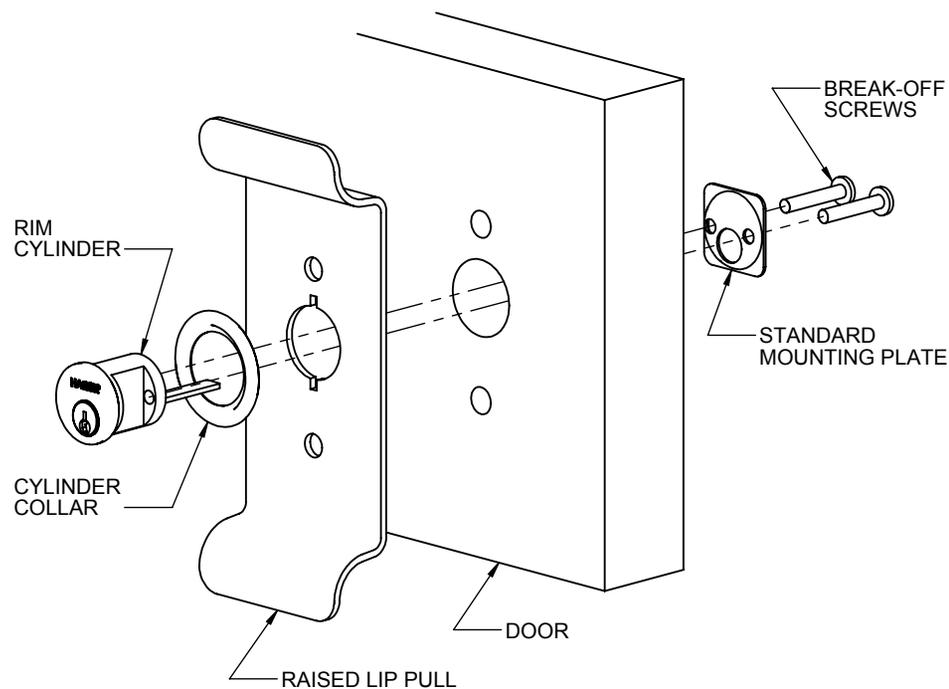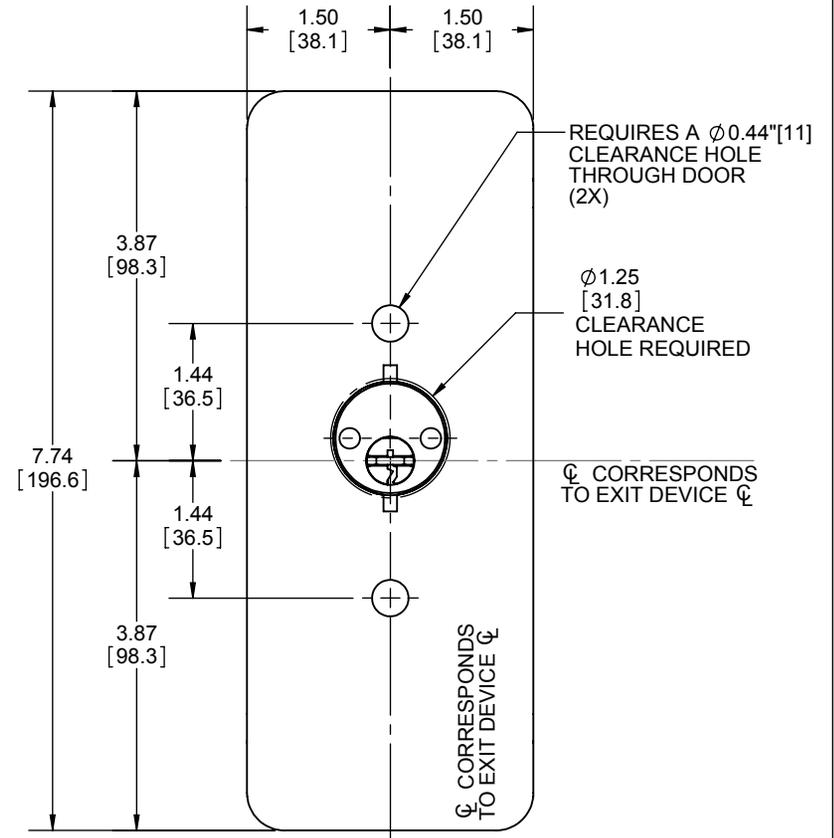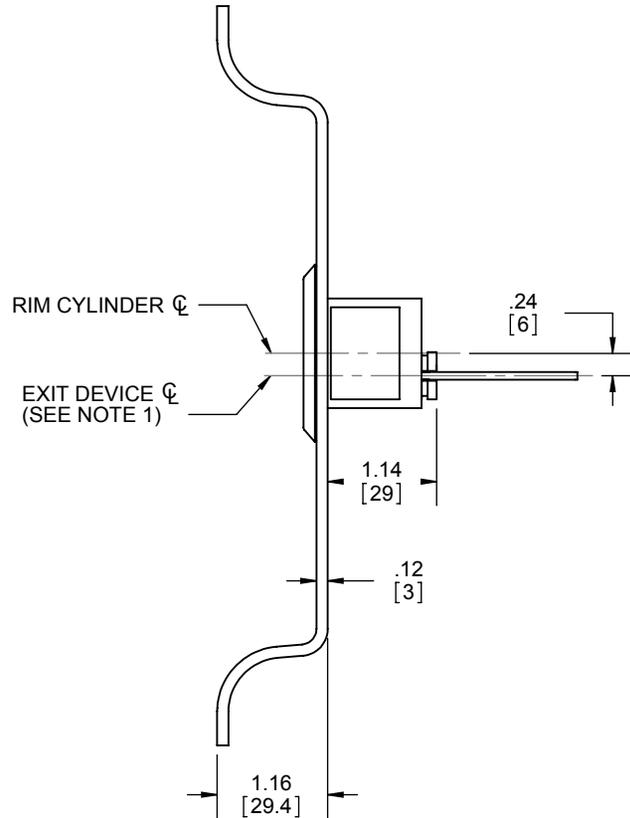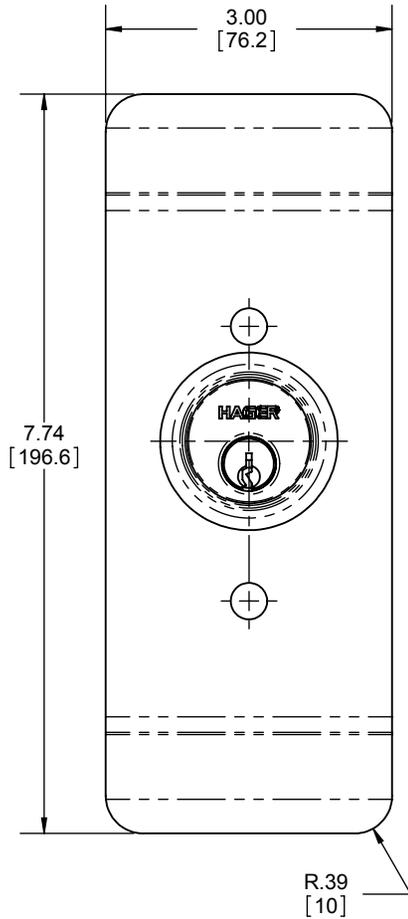
STEP 2: INSTALL RAISED LIP PULL PLATE

A. INSERT 1/4"-20 THRU BOLTS THROUGH RAISE LIP PULL AND DOOR ON PULL SIDE OF DOOR.
B. ON PUSH SIDE OF DOOR, ALIGN EXIT DEVICE WITH RIM CYLINDER TAILPIECE AND VERIFY THE TAILPIECE IS PROPERLY MATED WITH THE EXIT DEVICE CAM.
C. SECURE RAISED LIP PULL PLATE AND EXIT DEVICE USING THE 2 MOUNTING SCREWS BY INSERTING THROUGH THE EXIT DEVICE HEAD CHASSIS AND SCREWING INTO THE THRU BOLTS.

NOTES:
1. FOR SINGLE AND DOUBLE DOORS WITH MULLION APPLICATIONS, USE BACKSET DIMENSION FROM THE FACE OF THE STOP.
2. FOR DOUBLE DOORS WITHOUT MULLION APPLICATIONS, USE THE BACKSET DIMENSION FROM THE EDGE OF DOOR.
3. ALSO SEE EXIT DEVICE INSTRUCTIONS FOR MORE APPLICATION INFORMATION.

RIM CYLINDER

CYLINDER COLLAR

RAISED LIP PULL

DOOR

BREAK-OFF SCREWS

STANDARD MOUNTING PLATE

1/4"-20 THRU BOLTS (2X)

1/4"-20 PAN HEAD MACHINE SCREWS (2X)

4700 EXIT DEVICE HEAD CHASSIS

HAGER
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3.00
[76.2]

7.74
[196.6]

R.39
[10]

RIM CYLINDER ℄

EXIT DEVICE ℄
(SEE NOTE 1)

.24
[6]

1.14
[29]

.12
[3]

1.16
[29.4]

1.50
[38.1]

1.50
[38.1]

3.87
[98.3]

7.74
[196.6]

1.44
[36.5]

1.44
[36.5]

3.87
[98.3]

REQUIRES A ⌀0.44"[11]
CLEARANCE HOLE
THROUGH DOOR
(2X)

⌀1.25
[31.8]
CLEARANCE
HOLE REQUIRED

℄ CORRESPONDS
TO EXIT DEVICE ℄

℄ CORRESPONDS
TO EXIT DEVICE ℄

NOTES:
1. MATCH THIS CENTERLINE UP WITH THE EXIT DEVICE CENTERLINE.
   THIS WILL ENSURE THE RIM CYLINDER TAILPIECE LINES UP WITH THE
   EXIT DEVICE TAILPIECE CAM.

PRIMARY DIMENSIONS SHOWN IN INCHES,
DIMENSIONS IN [ ] ARE MILLIMETERS.

HAGER
COMPANIES
ST. LOUIS, MISSOURI