

TOP DOOR RAIL

"A" Type End Loading Arm

Make a 1" (25.4mm) deep cut-out in hinge edge of door as shown.

"PT" Type End Loading Arm

Make a 7/8" (22mm) deep cut-out in hinge edge of door as shown.

Drill or drill and tap holes in top of door as shown.

Position arm in door by placing arm pin in 3/16" (5mm) hole. Install arm using three 1/4-20x5/8" (M6x1.0) pan head machine screws and lock washers. Center arm in the top rail by adjusting the two 1/4-20x1" (M6x1.0) hex head centering bolts.

NOTE: After door is installed, the two 1/4-20 x1" (M6x1.0) socket head clamp bar cap screws with lock washers must be tightened securely.

Diagram labels and dimensions:

- 7/8" or 1" (22mm) or (25.4mm)
- 3-7/16" (87.5mm)
- 4-15/16" (125.5mm)
- 6-11/16" (170mm)
- 8-7/16" (214.5mm)
- Drill and Tap 1/4-20 (M6 x1.0) Threads
- Drill 3/16" (5mm) Hole

The diagram illustrates the installation of a bottom door rail. It shows a cross-section of the door with a 1-9/16" (39.5mm) wide cutout. A 1-3/4" (44.5mm) long rail is shown being inserted into this cutout. The rail is secured by a pivot bearing retainer, which is a U-shaped bracket. The retainer is positioned 3-3/4" (95mm) from the hinge edge of the door. The retainer is secured with two 1/4-20 (M6 x 1.0) screws. The diagram also indicates that the rail should be drilled and tapped with 1/4-20 (M6 x 1.0) threads.

Diagram Labels:

- Drill and tap 1/4-20 (M6 x 1.0) Threads
- 1-9/16" (39.5mm)
- 1-3/4" (44.5mm)
- 3-3/4" (95mm)
- Pivot Bearing Retainer

BOTTOM DOOR RAIL

End Loading

Make cut out in hinge edge of door equal to depth of bottom rail as shown.

Drill and tap 1/4-20 (M6x1.0) holes in bottom rail of door as shown.

Install pivot bearing retainer in bottom of door using two 1/4-20x5/8" (M6x1.0) pan head machine screws and lock washers.

Laterally adjust center of pivot bearing retainer 2-5/8" (66.5mm) (or 2-11/16", 68mm) from hinge edge of door (not including weather stripping) and tighten screws securely.

NOTE: For doors with 1" (25.4mm) bottom rail depth, pivot bearing stud must be shortened by sawing off at score 1/2" (12.5mm) from bottom.

HEADERS & JAMBS

3