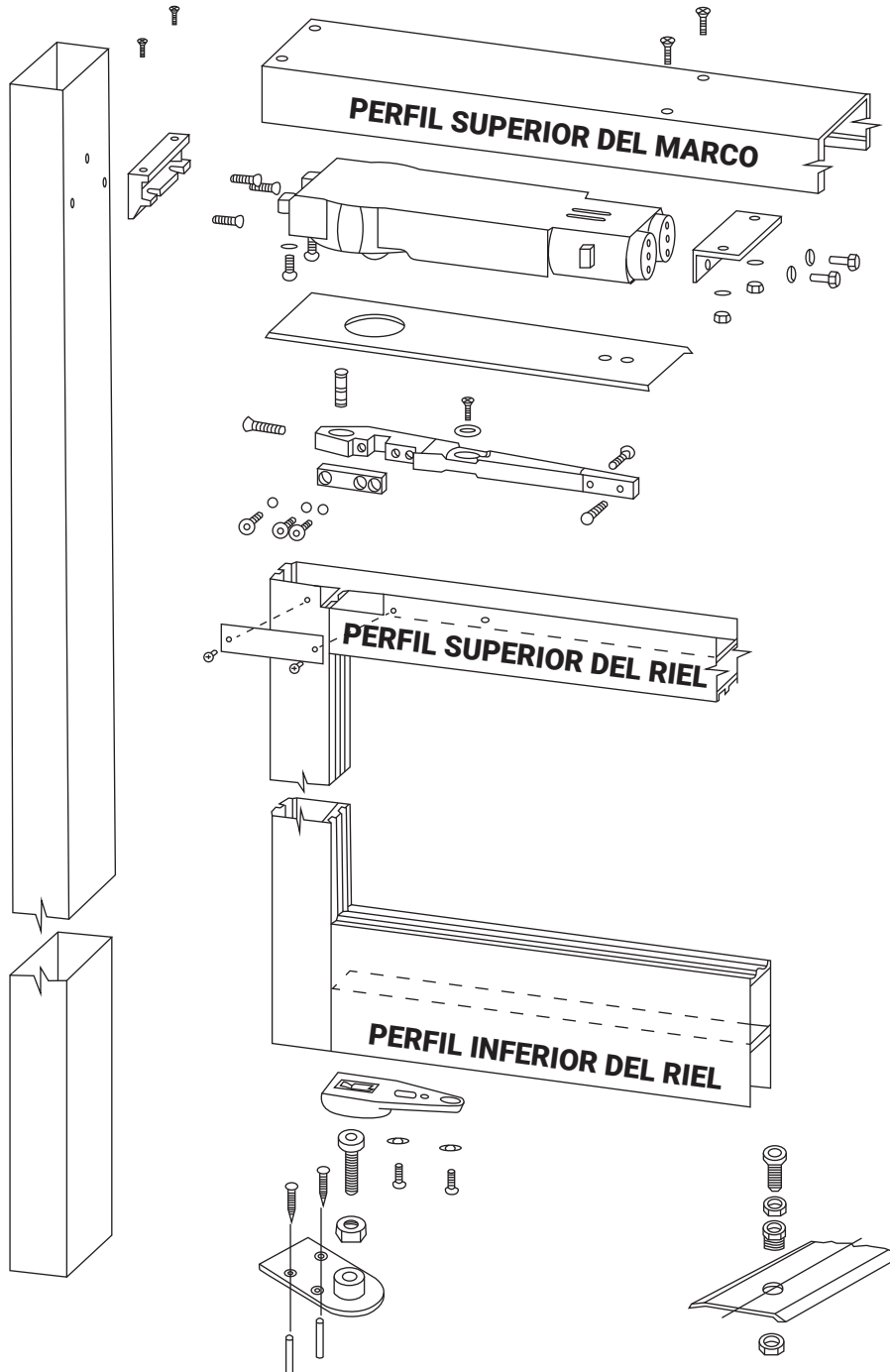


ASSA ABLOY

**CENTRO - COLGAR PARA PUERTAS DE ACCIÓN DOBLE O SIMPLE
 INSTALACIÓN DE BRAZO DE CARGA FINAL Y BRAZO DE CARGA DE LADO
 VÁLVULAS DOBLES PARA AJUSTE DE VELOCIDAD DE CIERRE Y BARRIDO**



IMPORTANTE

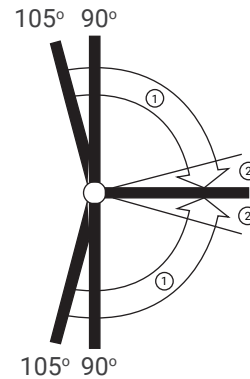
NINGUNA responsabilidad puede ser aceptada por los fabricantes si estas instrucciones de instalación son omitidas

Después de haber instalado el cierrapiertas en el perfil superior del marco, no taladre en esta area debido a que puede dañar el cierrapiertas

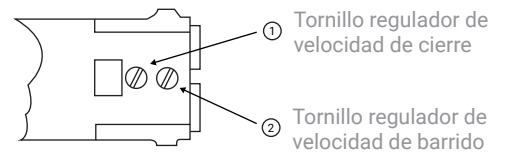
RECOMENDACIÓN PARA LOS ESPACIOS DE PUERTAS

- Perfil superior del marco..... 1/8" (3 mm)
- Perfil superior del riel..... 1/8" (3 mm)
- Perfil inferior del riel..... 3/16" (4.8 mm)

VELOCIDAD DE AJUSTE



- ① RANGO DE CIERRE
- ② RANGO DE BARRIDO

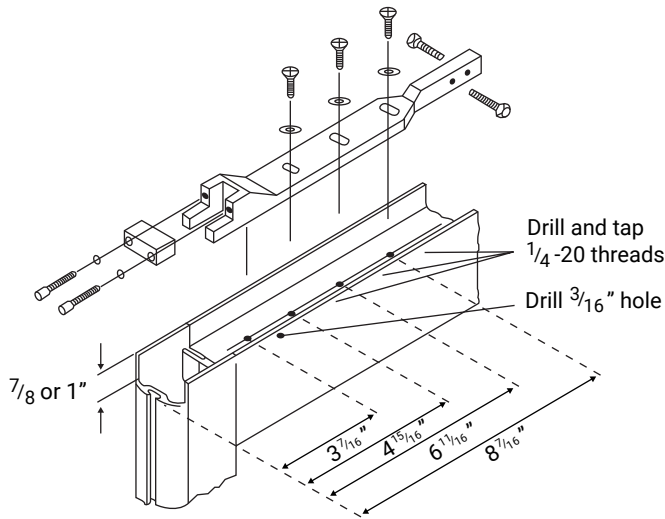


- ① CIERRE / ② BARRIDO
- Velocidad de ajuste



Máx. 2 vueltas en cualquier dirección

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Top door rail

"A" Type end loading arm

Make a 1" deep cut-out in hinge edge of door as shown

"PT" Type end loading arm

Make a 7/8" 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" hole. Install arm using three 1/4-20 x 5/8" pan head machine screws and lock washers. Center arm in the top rail by adjusting the two 1/4-20 x 1" hex head centering bolts

Note: After door is installed, the two 1/4-20 x 1" socket head clamp bar cap screws with lock washers must be tightened securely

Bottom door rail

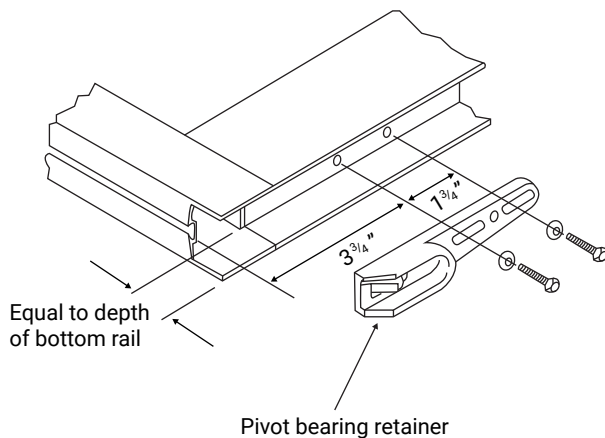
End loading

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

Drill and tap 1/4-20 holes in bottom rail of door as shown. Install pivot bearing retainer in bottom of door using two 1/4-20 x 5/8" pan head machine screws and lock washers

Laterally adjust center of pivot bearing retainer 2 5/8" (or 2 1 1/16") from hinge edge of door (not including weatherstripping and tighten screws securely)

Note: For doors with 1" bottom rail depth, pivot bearing stud must be shortened by sawing off at score 1/2" from bottom



Top door rail

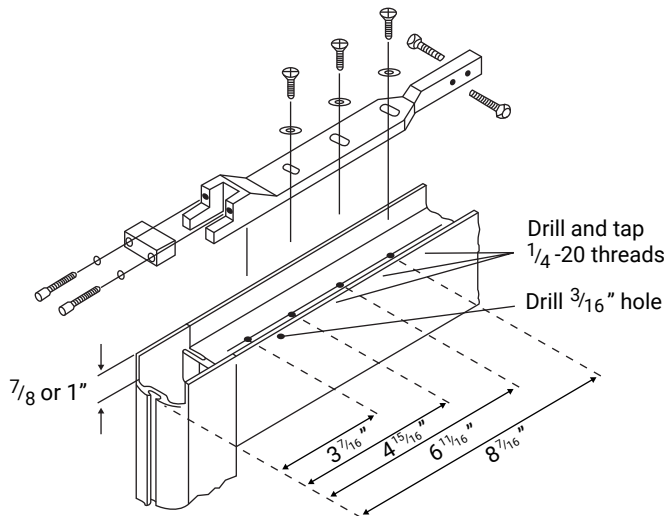
"K" Type end loading arm

Make a 5/8" 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 1/4" hole. Install arm using two 1/4-20 x 5/8" pan head machine screws and lock washers. Center arm in the top rail by adjusting the two 1/4-20 x 1" hex head centering bolts

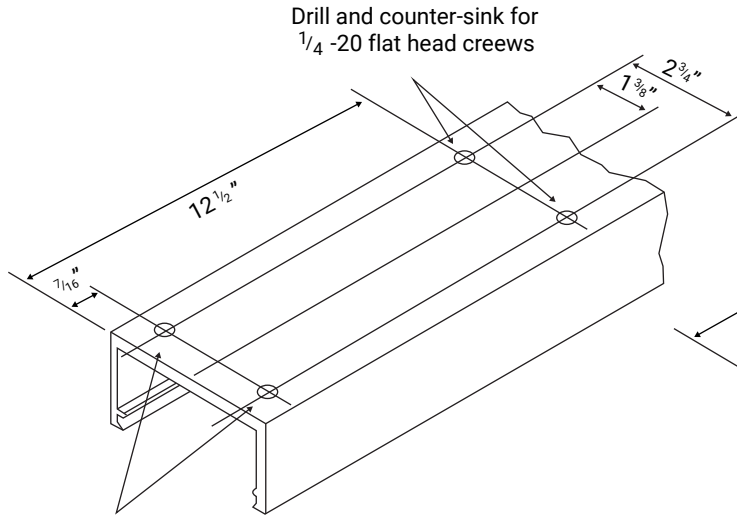
Note: After door is installed, the two 1/4-20 x 1" socket head clamp bar cap screws with lock washers must be tightened securely



ASSA ABLOY

DOOR HEADER

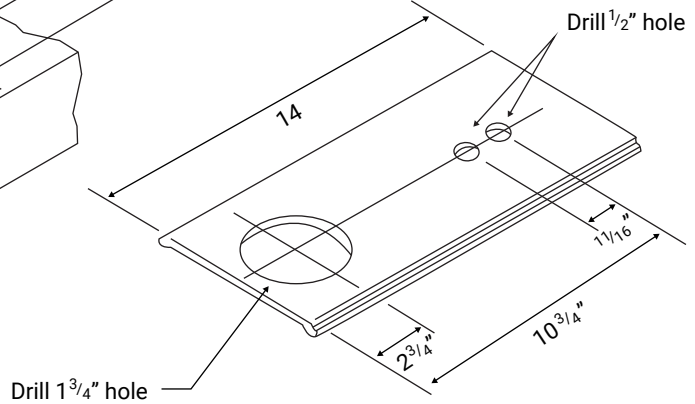
Drill and counter-sink outside top surface for 10-32 x $\frac{7}{16}$ " and $\frac{1}{4}$ "-20 x $1\frac{1}{4}$ " flat head screws as shown



Drill and counter-sink for 10-32 flat head screws

COVER PLATE

Drill $1\frac{3}{4}$ " hole as shown
Drill $\frac{1}{2}$ " hole as shown

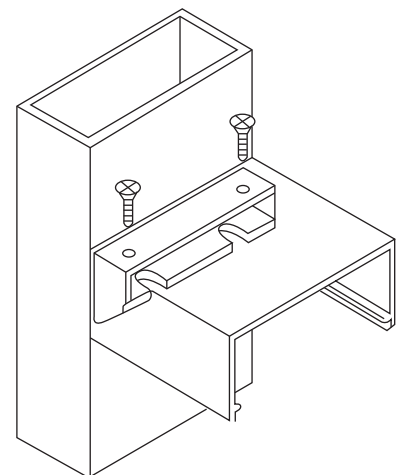
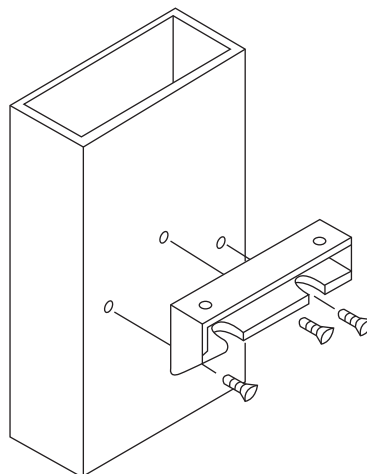
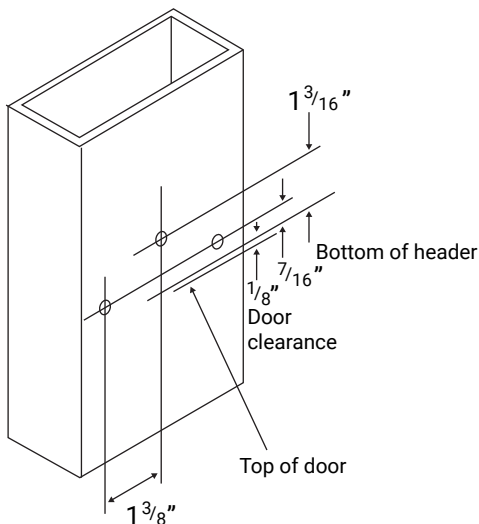


HINGE JAMB

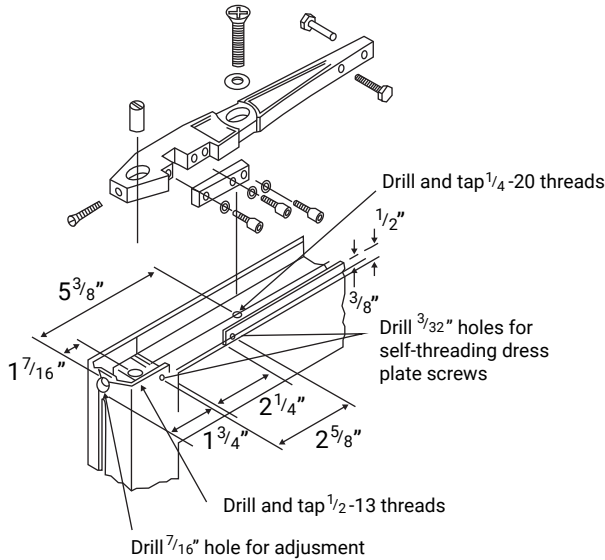
Drill holes for #10 pan head self-threading screws as shown

Install anchor using #10 x $\frac{9}{16}$ " pan head self-threading screws as shown

Mount door header on anchor using 10-32 x $\frac{7}{16}$ " flat head self-tapping screws



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Top door rail

"S" Type side loading arm

Drill or drill and tap holes in top of door as shown. Make $2\frac{1}{4}$ " x $\frac{1}{2}$ " cut-out in top of door as shown. Cut-out must be on the side of the door.

Install arm using $\frac{1}{4}$ -20 x $1\frac{1}{4}$ " flat head machine screw and $\frac{7}{8}$ " washer. Install $\frac{1}{2}$ -13 x $\frac{3}{4}$ " arm stud and $\frac{1}{4}$ -20 x $1\frac{1}{8}$ " dome head arm adjustment screw. Laterally adjust center of the arm spindle retainer $2\frac{5}{8}$ " from hinge edge of door (not including weatherstripping). Center arm in the top rail by adjusting the two $\frac{1}{4}$ -20 x 1" hex head centering bolts. After installation of door, attach dress plate with self-threading screws.

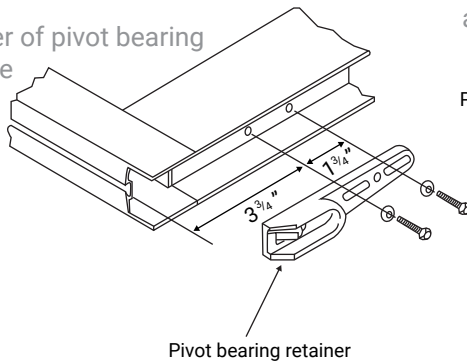
Note: Before attaching dress plate, make certain the three $\frac{1}{4}$ -20 x $\frac{7}{8}$ " socket head clamp bar screws with lock washers are tightened securely.

Bottom door rail

Side loading

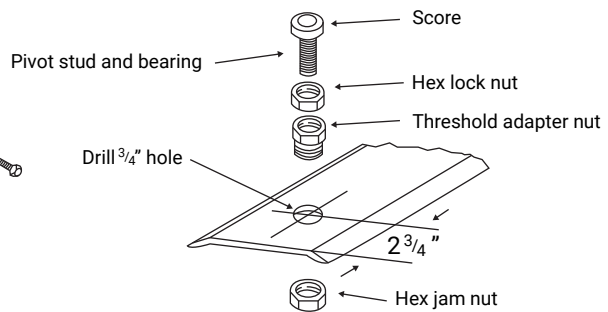
Drill and tap $\frac{1}{4}$ -20 holes in bottom rail of door as shown. Install pivot bearing retainer in bottom of door using two $\frac{1}{4}$ -20 x $\frac{5}{8}$ " pan head machine screws and lock washers.

Laterally adjust center of pivot bearing retainer $\frac{5}{8}$ " from hinge edge of door (not including weatherstripping) and tighten screws securely.



Threshold mount pivot

Drill hole in threshold as shown. Install threshold adapter nut from top and secure with $\frac{3}{4}$ -16 hex jam nut underneath. Install pivot stud and bearing with $\frac{1}{2}$ -20 hex lock nut as shown and adjust bearing height for proper door clearance and firmly tighten lock nut.



Floor mount pivot

Center pivot base against door jamb on hinge side. Mark and drill $\frac{1}{4}$ " holes $1\frac{1}{2}$ " deep in floor for plastic expansion plugs.

Mount base using #12 x $1\frac{1}{4}$ " plastic expansion plugs and #12 x $1\frac{1}{4}$ " flat head wood screws.

Install pivot stud and bearing with $\frac{1}{2}$ -20 hex lock nut as shown, and adjust bearing height for proper door clearance and firmly tighten lock nut.

When using threshold, drill $1\frac{1}{4}$ " hole for clearance of pivot base on center line $2\frac{3}{4}$ " from hinge end of threshold.

Note: When threshold is not used, pivot bearing stud must be shortened by sawing off at score $\frac{1}{2}$ " from bottom.

