

Door Closer Models: EHD9016 ISH Regular Installation [Pull Side Mount] With Backplate BP90 Integra Cushion Arm Drilling Instructions

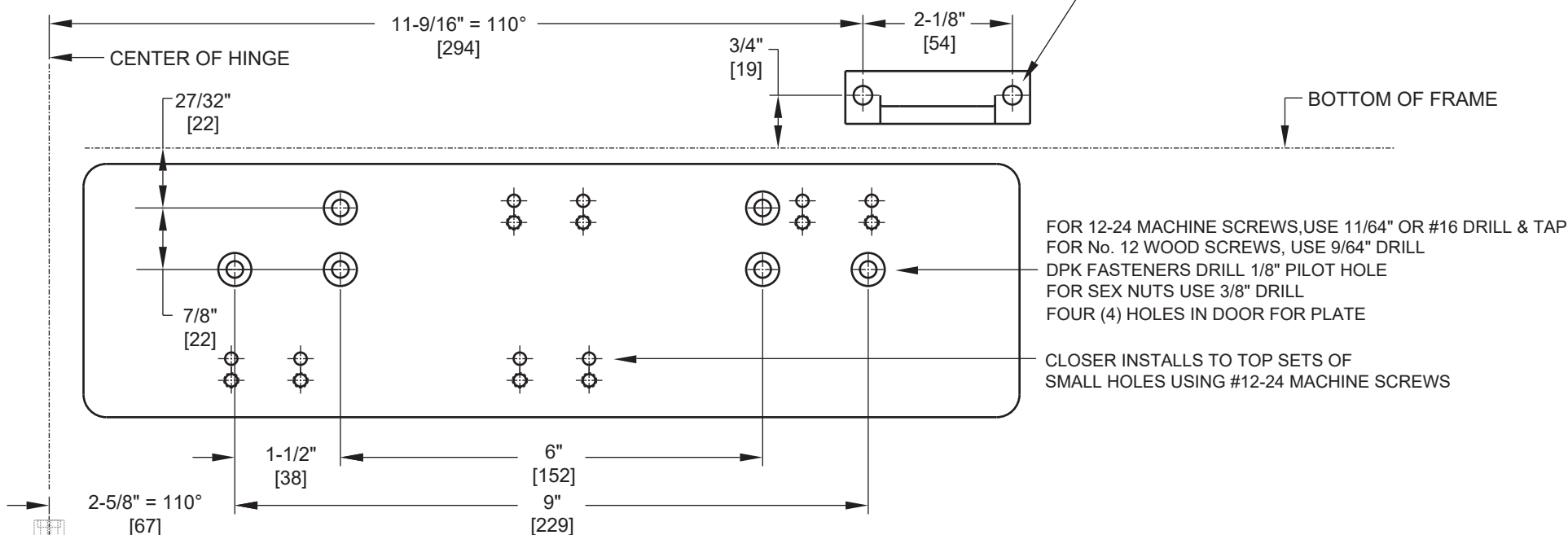
For online instructions, assistance or warranty information:
Call 1-800-392-5209 or visit <https://dhwsupport.dormakaba.com/hc/en-us>

NOTES:

- 1) DRAWING IS NOT TO SCALE.
- 2) DIMENSIONS ARE IN INCHES / [MM].
- 3) RIGHT HAND DOOR IS SHOWN.
- 4) 110° MAX OPENING IS SHOWN.
- 5) CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACE COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
- 6) DPK FASTENERS FOR STEEL DOOR & FRAME ONLY.
- 7) SEE CATALOG FOR HOLD OPEN RANGE INFORMATION.

Arm Shoe Distance	Hold Open Angle
13-7/8" [352]	85°
13-1/4" [337]	90°
12-3/4" [324]	95°
12-5/16" [313]	100°
11-15/16" [303]	105°
11-9/16" [294]	110°

FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP
FOR No. 14 WOOD SCREWS, USE 5/32" DRILL
FOR DPK FASTENERS, USE 1/8" DRILL
TWO (2) HOLES IN FRAME FOR ARM SHOE

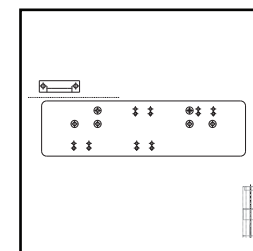


FOR 12-24 MACHINE SCREWS, USE 11/64" OR #16 DRILL & TAP
FOR No. 12 WOOD SCREWS, USE 9/64" DRILL
DPK FASTENERS DRILL 1/8" PILOT HOLE
FOR SEX NUTS USE 3/8" DRILL
FOUR (4) HOLES IN DOOR FOR PLATE

CLOSER INSTALLS TO TOP SETS OF SMALL HOLES USING #12-24 MACHINE SCREWS

Backplate Distance	Hold Open Angle
4-15/16" [126]	85°
4-5/16" [110]	90°
3-13/16" [97]	95°
3-3/8" [86]	100°
3" [77]	105°
2-5/8" [67]	110°

LEFT HAND DOOR ORIENTATION:



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