

# Door Closer Models: EHD9016 DS x FTHD Door Saver Arm Flush Transom Installation [Push Side Mount] With Drop Plate DP90 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 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 FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
6. MINIMUM DOOR WIDTH 26".
7. TEMPLATING BASED ON 4-1/2" X 4-1/2" BUTT HINGES.
8. DPK FASTENERS FOR STEEL DOOR & FRAME ONLY.

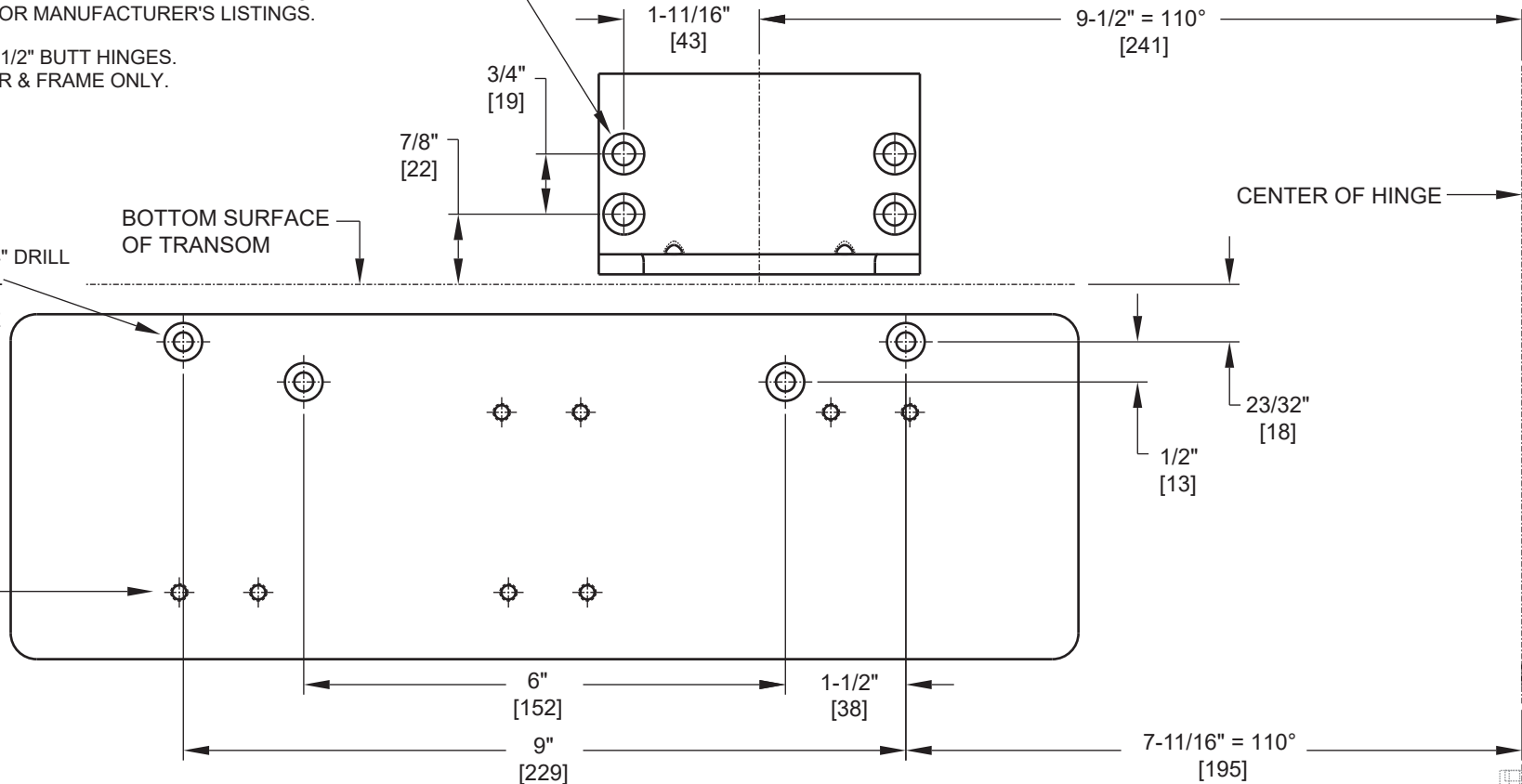
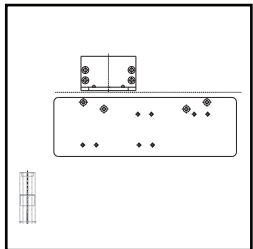
FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP  
FOR No. 14 WOOD SCREWS, USE 5/32" DRILL  
FOR DPK FASTENERS, USE 1/8" DRILL  
FOUR (4) HOLES IN TRANSOM FOR FTHD BRACKET

Soffit Plate Center Distance	Opening Angle
12-5/8" [321]	85°
11-7/8" [302]	90°
10-5/8" [270]	100°
9-1/2" [241]	110°

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

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

**LEFT HAND DOOR ORIENTATION:**



Drop Plate Distance	Opening Angle
10-13/16" [274]	85°
10-1/16" [255]	90°
8-13/16" [224]	100°
7-11/16" [195]	110°

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