

# Door Closer Models: EHD9016 S-DS x FTHD Door Saver Arm Flush Transom Installation [Push Side Mount] Drilling Instructions

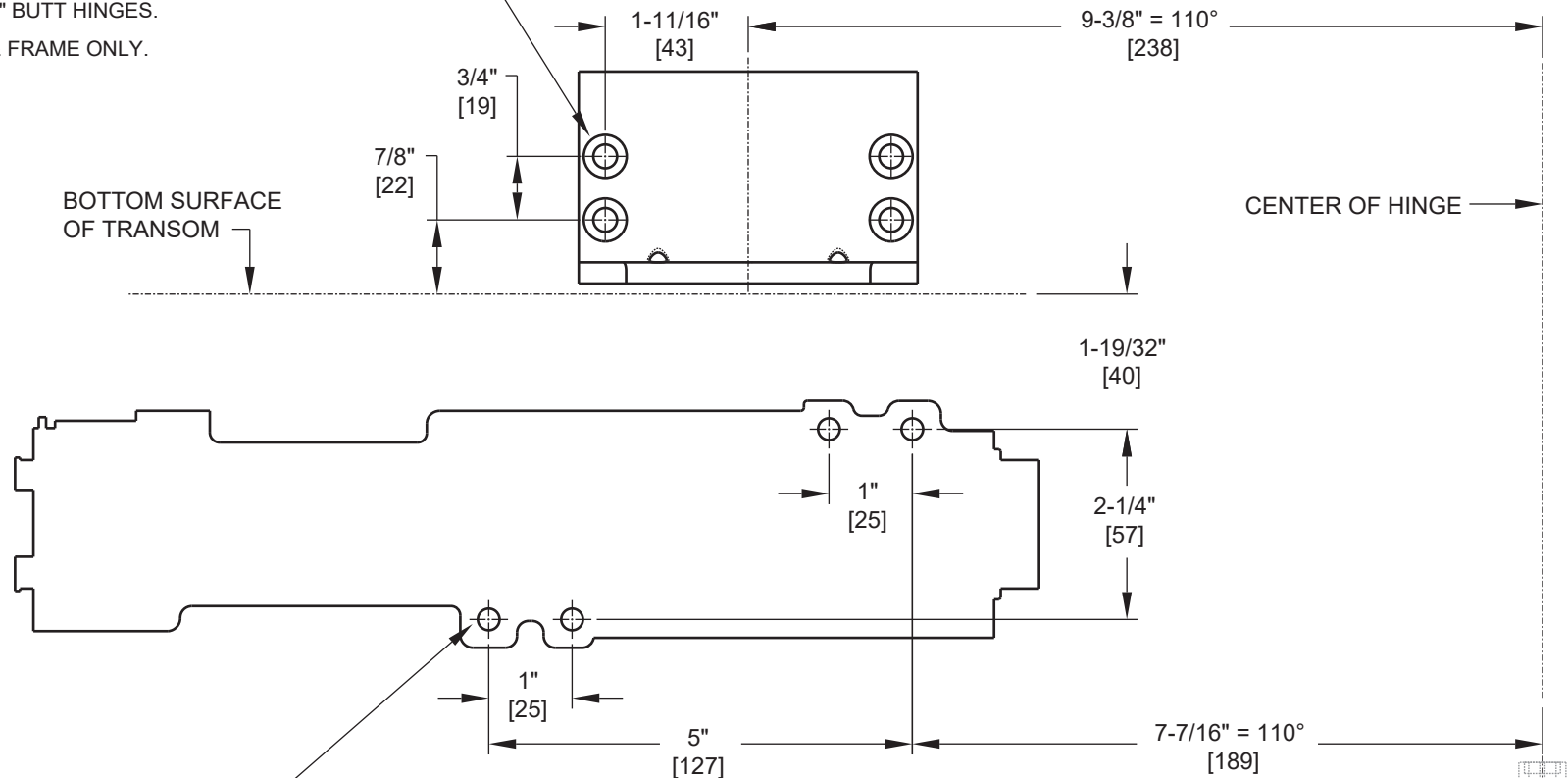
For online instructions, assistance or warranty information:  
Call 1-800-392-5209 or visit <https://dhwsupport.dormakaba.com/hc/en-us>

**NOTES:**

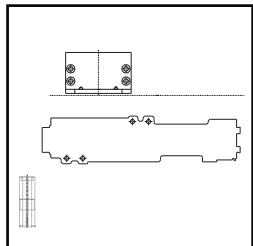
1. DRAWING IS NOT TO SCALE.
2. DIMENSIONS ARE IN INCHES / [MM].
3. RIGHT HAND DOOR SHOWN.
4. CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
5. MINIMUM DOOR WIDTH 26".
6. TEMPLATING BASED ON 4-1/2" X 4-1/2" BUTT HINGES.
7. MAXIMUM OPENING 110° SHOWN.
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

Bracket Center Distance	Opening Angle
12-7/16" [316]	85°
11-11/16" [297]	90°
10-7/16" [265]	100°
9-3/8" [238]	110°



**LEFT HAND DOOR ORIENTATION:**



FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 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 CLOSER

Closer Distance	Opening Angle
10-1/2" [267]	85°
9-3/4" [248]	90°
8-1/2" [216]	100°
7-7/16" [189]	110°

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