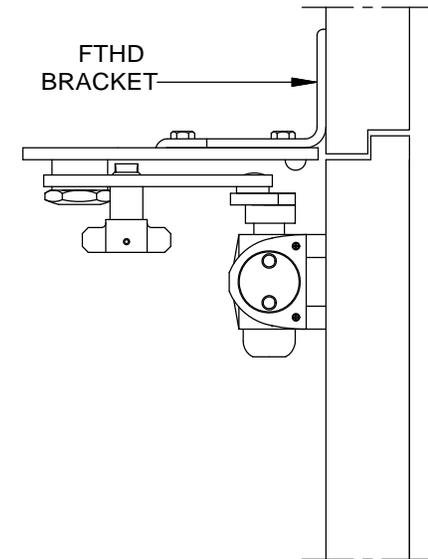
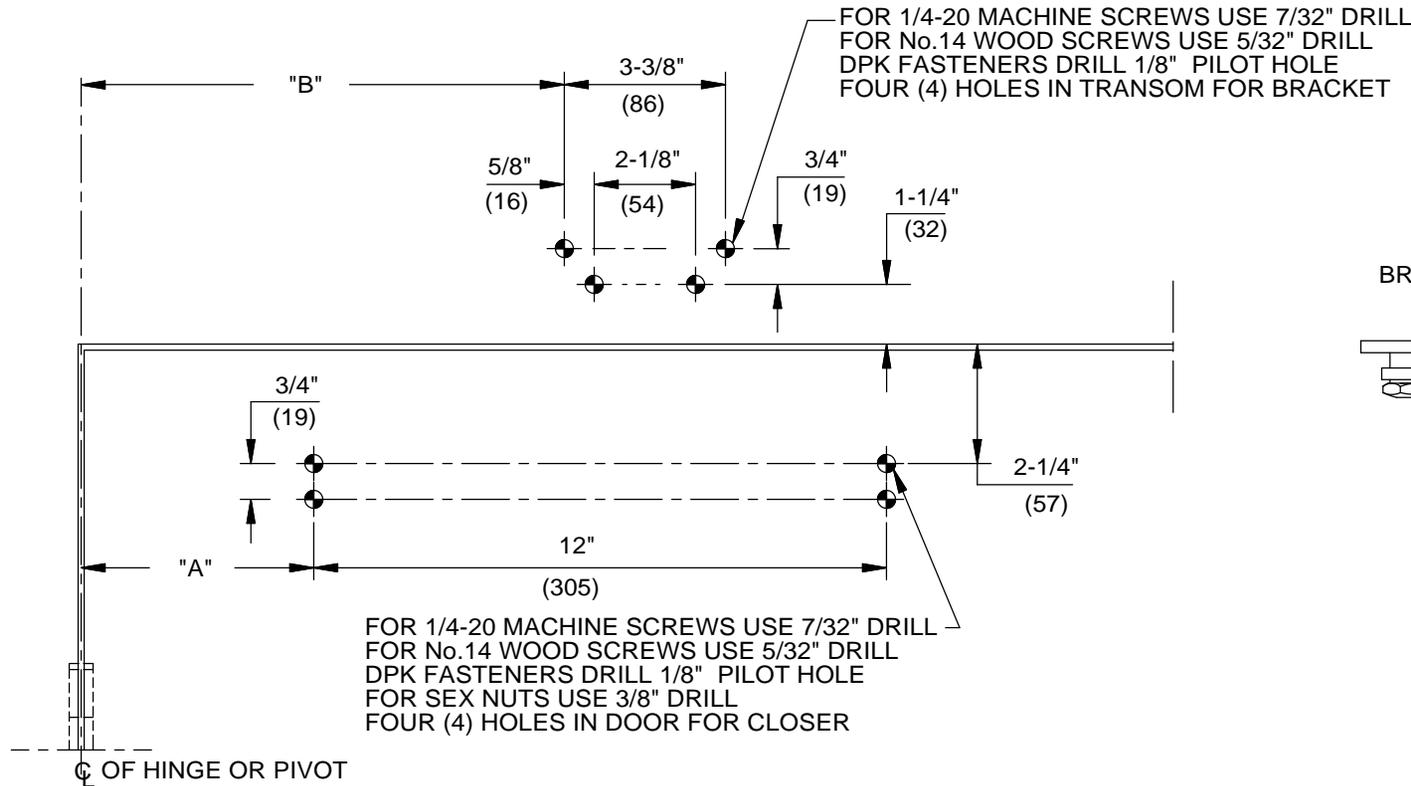


**NOTES:**

1. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE IN INCHES/(MM).
3. LEFT 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 2-1/2" BUTT HINGES.
7. HOLD OPEN AND DEAD STOP ARE SAME LOCATION.
8. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR AND FRAME ONLY.

ANGLE OF OPENING DEADSTOP	DIM. "A" CLOSER	DIM. "B" FTHD BRACKET
85°	5-1/8 (130)	11 (279)
90°	4-3/8 (111)	10-1/4 (260)
100°	3-1/8 (79)	9 (229)
110°	2 (51)	7-7/8 (200)



DOOR CLOSER MODELS: 8616 DS, DST, DSK, x FTTHD  
DOOR SAVER ARM FLUSH TRANSOM INSTALLATION (PUSH SIDE MOUNT)

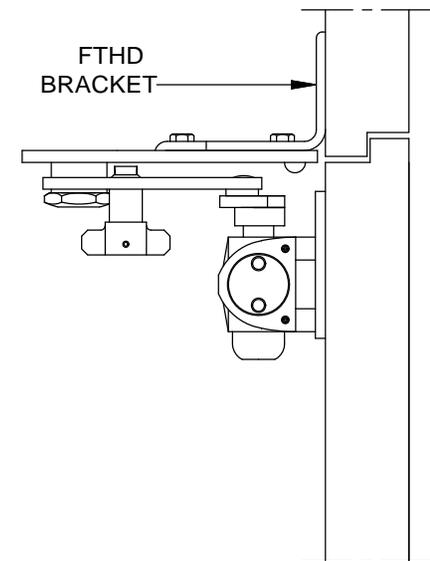
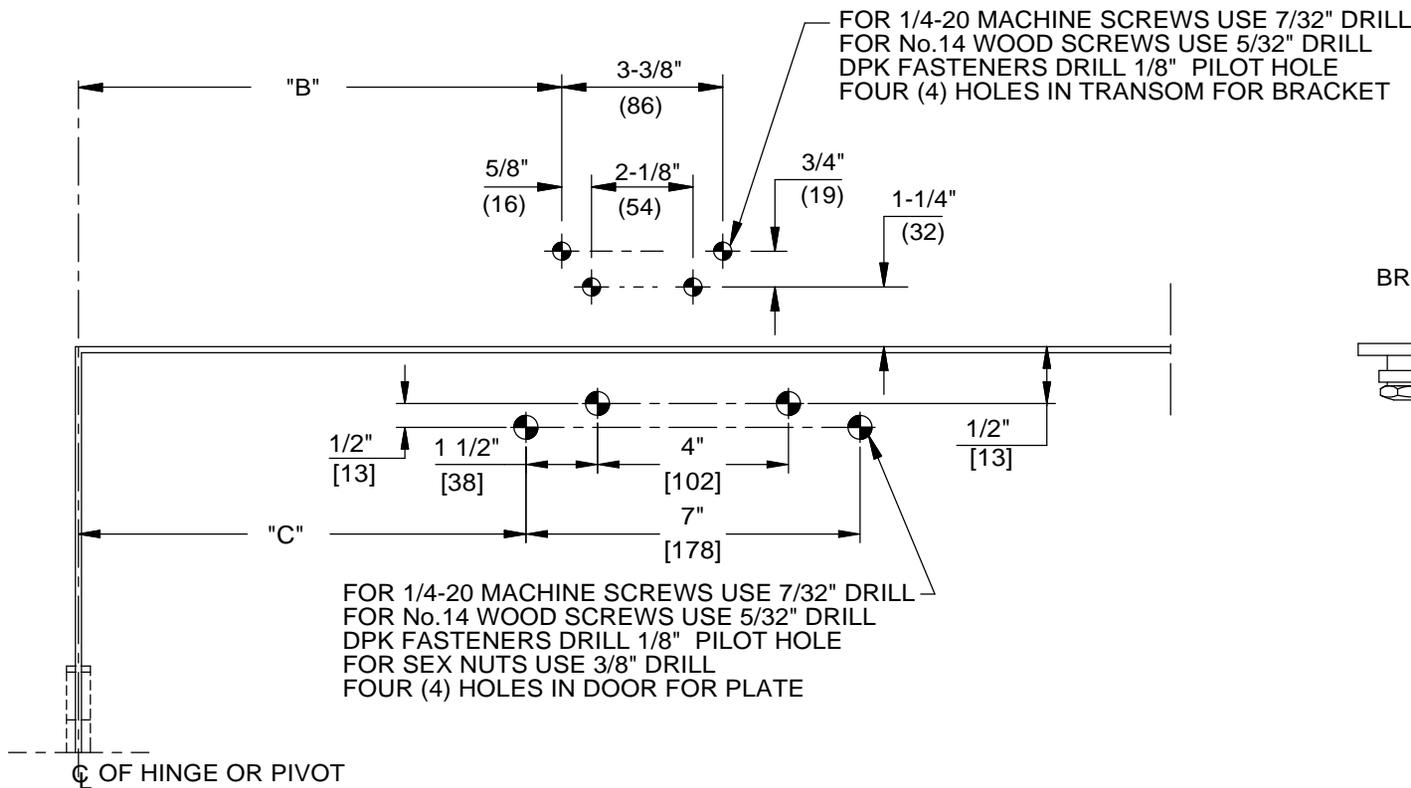


DORMA Architectural Hardware  
Reamstown, PA 17567

NOTES:

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3. LEFT 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 2-1/2" BUTT HINGES.
7. HOLD OPEN AND DEAD STOP ARE SAME LOCATION.
8. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

ANGLE OF OPENING DEADSTOP	DIM. "C" PLATE	DIM. "B" FTHD BRACKET
85°	9-5/8 (244)	11 (279)
90°	8-7/8 (225)	10-1/4 (260)
100°	7-5/8 (194)	9 (229)
110°	6-1/2 (165)	7-7/8 (200)



DOOR CLOSER MODELS: 8616 DS, DST, DSK, x FTHD  
DOOR SAVER ARM FLUSH TRANSOM INSTALLATION (PUSH SIDE MOUNT)  
WITH PLATES DP86, DP86FC



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