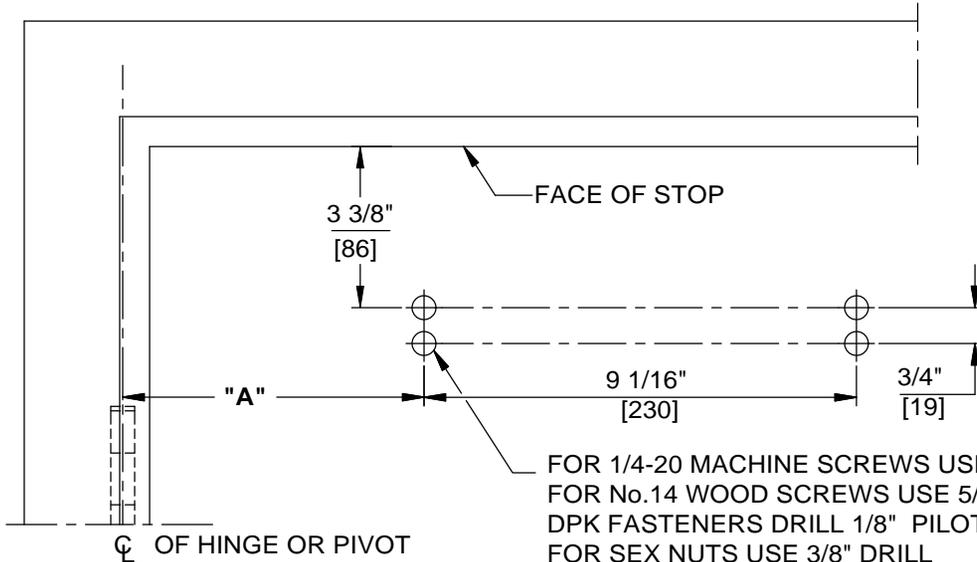


FOR 1/4-20 MACHINE SCREWS USE 7/32" DRILL  
 FOR No.14 WOOD SCREWS USE 5/32" DRILL  
 DPK FASTENERS DRILL 1/8" PILOT HOLE  
 FOUR (4) HOLES IN FRAME FOR PA BRACKET

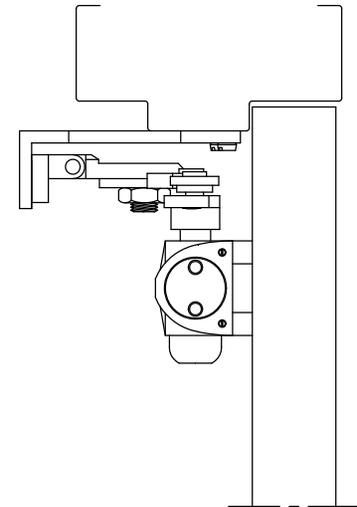
ANGLE OF OPENING	DIM. "A" CLOSER	DIM."B" BRACKET
0° TO 100°	7-1/8 (181)	9-1/4 (335)
100° TO 130°	5-5/8 (143)	7-3/4 (197)
OVER 130°	4-5/8 (117)	6-3/4 (171)

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. MAX. OPENING IS 180°.
6. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.



FOR 1/4-20 MACHINE SCREWS USE 7/32" DRILL  
 FOR No.14 WOOD SCREWS USE 5/32" DRILL  
 DPK FASTENERS DRILL 1/8" PILOT HOLE  
 FOR SEX NUTS USE 3/8" DRILL  
 FOUR (4) HOLES IN DOOR FOR CLOSER

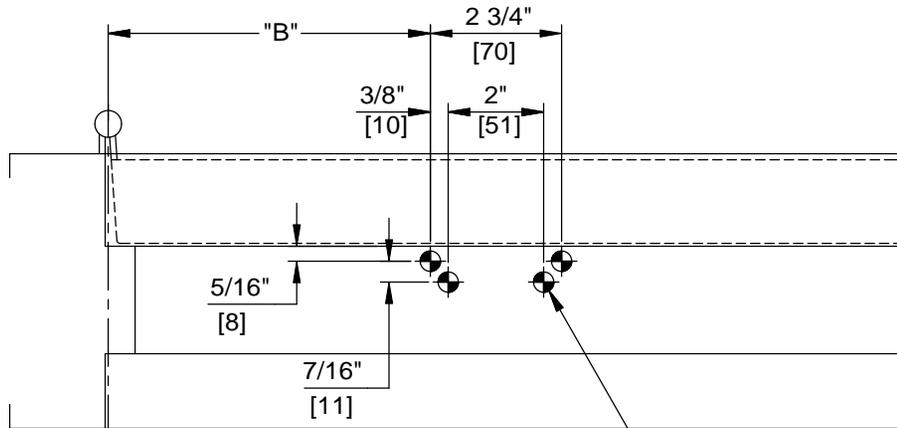


DOOR CLOSER MODELS: 7303 - 7305 FHP  
 PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)



DORMA Architectural Hardware  
 Reamstown, PA 17567

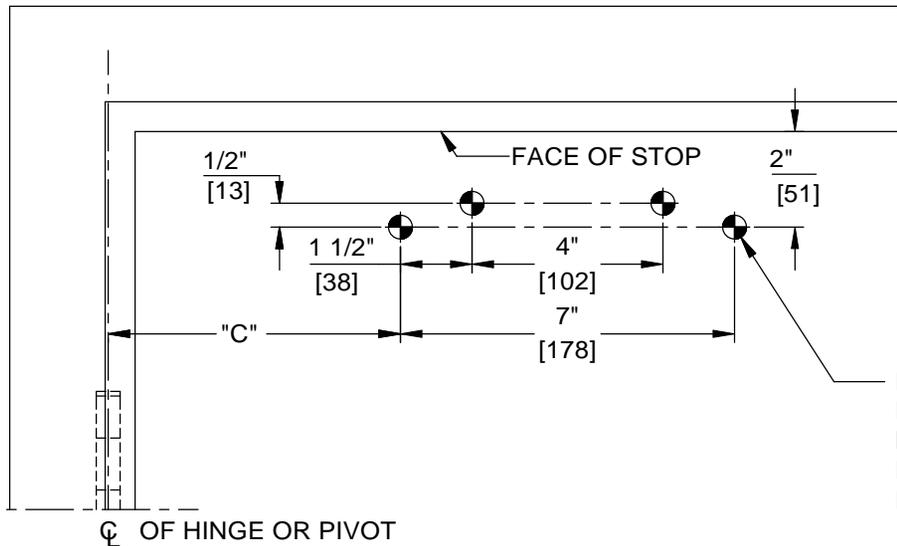
ANGLE OF DOOR OPENING	DIM. "B" BRACKET	DIM. "C" PLATE
0° TO 100°	9-1/4 (235)	8-5/8 (219)
100° TO 130°	7-3/4 (197)	7-1/8 (181)
OVER 130°	6-3/4 (171)	6-1/8 (155)



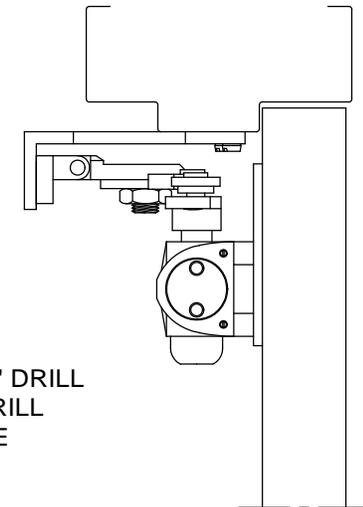
FOR 1/4-20 MACHINE SCREWS USE 7/32" DRILL  
 FOR No.14 WOOD SCREWS USE 5/32" DRILL  
 DPK FASTENERS DRILL 1/8" PILOT HOLE  
 FOUR (4) HOLES IN FRAME FOR PA BRACKET

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. MAX. OPENING IS 180°.
6. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.



FOR 1/4-20 MACHINE SCREWS USE 7/32" DRILL  
 FOR No.14 WOOD SCREWS USE 5/32" DRILL  
 DPK FASTENERS DRILL 1/8" PILOT HOLE  
 FOR SEX NUTS USE 3/8" DRILL  
 FOUR (4) HOLES IN DOOR FOR PLATE



DOOR CLOSER MODELS: 7303 - 7305 FHP  
 PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)  
 WITH PLATES DP73, DP86



DORMA Architectural Hardware  
 Reamstown, PA 17567