INS NO. 08279914

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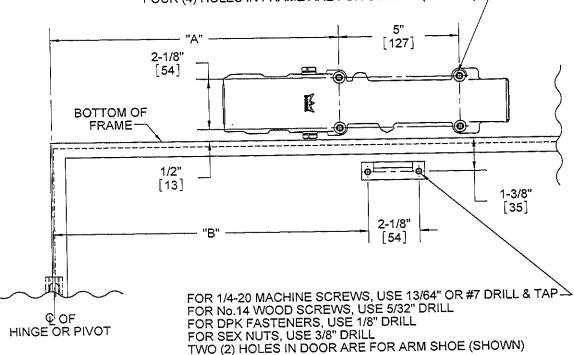
Rev. 10/10

Always consult DORMA's web site for latest template at www.dorma-usa.com or call 1-800-523-8483.

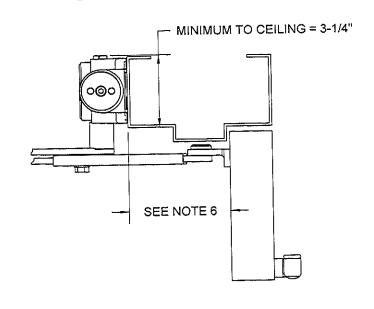
NOTES:

- 1) DO NOT SCALE THIS DRAWING
- 2) DIMENSIONS ARE IN INCHES / [MM]
- 3) LEFT HAND DOOR IS SHOWN
- 4) 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.
- 5) OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR & FRAME ONLY
- 6) SEE CATALOG FOR REVEAL INFORMATION

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 FRAME ARE FOR CLOSER (SHOWN)—7



ANGLE OF CUSHION	DIMENSION "A" (CLOSER)	DIMENSION "B" (ARM SHOE)
83° - 85°	12" [305]	13-1/8" [333]
88° - 90°	11-1/4" [286]	12-5/8" [321]
93° - 95°	11" [279]	12-1/4" [311]
98° - 100°	10-3/4" [273]	11-3/4" [298]
103° - 105°	10-1/4" [260]	11-3/8" [289]
108° - 110°	10" [254]	11" [279]



DOOR CLOSER MODELS: 8916 & 8956 ISJ TOP JAMB INSTALLATION (PUSH SIDE MOUNT) INTEGRA CUSHION ARM



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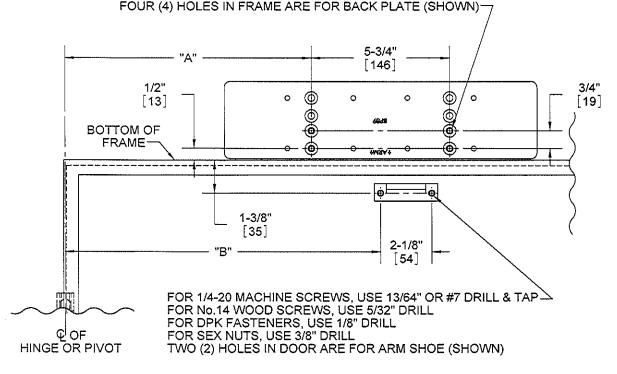
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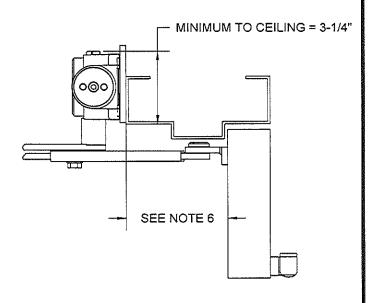
NOTES:

- 1) DO NOT SCALE THIS DRAWING
- 2) DIMENSIONS ARE IN INCHES / [MM]
- 3) LEFT HAND DOOR IS SHOWN
- 4) 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.
- 5) OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR & FRAME ONLY
- 6) SEE CATALOG FOR REVEAL INFORMATION

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



ANGLE OF CUSHION	DIMENSION "A" (BACK PLATE)	DIMENSION "B" (ARM SHOE)
83° - 85°	10-1/4" [260]	13-1/8" [333]
88°-90°	9-1/2" [241]	12-5/8" [321]
93°-95°	9-1/4" [235]	12-1/4" [311]
98° - 100°	9" [229]	11-3/4" [298]
103° - 105°	8-1/2" [216]	11-3/8" [289]
108° - 110°	8-1/4" [210]	11" [279]



DOOR CLOSER MODELS: 8916 & 8956 ISJ TOP JAMB INSTALLATION (PUSH SIDE MOUNT) WITH BACK PLATE BP89 INTEGRA CUSHION ARM



DORMA Architectural Hardware Reamstown, PA 17567 INS NO. 08279916 PAGE 1 0F 1 Rev. 10/10 Always consult DORMA's web site for latest template at www.dorma-usa.com or call 1-800-523-8483. NOTES: DIMENSION "A" DIMENSION "B" ANGLE OF 1) DO NOT SCALE THIS DRAWING CUSHION (BACK PLATE) (ARM SHOE) 2) DIMENSIONS ARE IN INCHES / [MM] 10-1/4" 3) LEFT HAND DOOR IS SHOWN 13-1/8" 83° - 85° 4) CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF [260] [333] COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR 9-1/2" 12-5/8" PLASTIC FACE COMPOSITE TYPE FIRE DOORS, UNLESS AN 88° - 90° ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL [241] [321] DOOR MANUFACTURER'S LISTINGS. 9-1/4" 12-1/4" 93° - 95° 5) OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR & FRAME ONLY [235] [311] 6) SEE CATALOG FOR REVEAL INFORMATION 9" 11-3/4" 98° ~ 100° [229] [298] FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP 8-1/2" 11-3/8" 103° - 105° FOR No.14 WOOD SCREWS, USE 5/32" DRILL [216] [289] FOR DPK FASTENERS, USE 1/8" DRILL FOUR (4) HOLES IN FRAME ARE FOR BACK PLATE (SHOWN) 8-1/4" 11" 108° - 110° [210] [279] 5-3/4" [146] 3/4" MINIMUM TO CEILING = 1-3/4" [19] **BOTTOM OF** FRAME: 0@0 1/4" 0 0 0 #MSGA.4 O [6] [76]

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 FOR SEX NUTS, USE 3/8" DRILL TWO (2) HOLES IN DOOR ARE FOR ARM SHOE (SHOWN)

DOOR CLOSER MODELS: 8916 & 8956 ISJ TOP JAMB INSTALLATION (PUSH SIDE MOUNT) WITH BACK PLATE BP89 INTEGRA CUSHION ARM, MOUNTED DROP SYTLE

2-1/8" [54]



DORMA Architectural Hardware Reamstown, PA 17567

SEE NOTE 6