INS NO. 08279172

PAGE 1 OF 1

Rev. **05/11**

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP

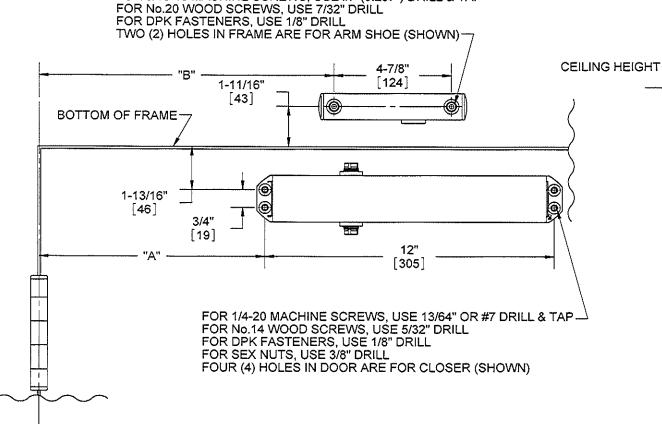
Always consult DORMA's web site for latest template at www.dorma-usa.com or call 1-800-523-8483.

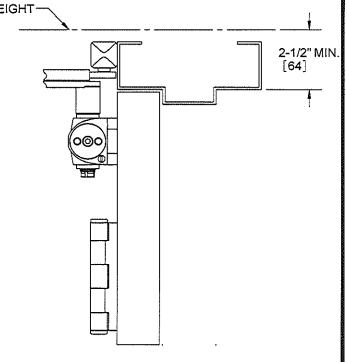
NOTES:

€IOF HINGE OR PIVOT

- 1) DO NOT SCALE THIS DRAWING
- 2) DIMENSIONS ARE IN INCHES / [MM]
- 3) RIGHT 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 (DPK86) FOR STEEL DOOR & FRAME ONLY.

ANGLE OF DIMENSION "A" DIMENSION "B" CUSHION (CLOSER) (ARM SHOE) 9-3/8" 12-1/4" 83°-85° [238] [311] 8-7/8" 11-3/4" 88°-90° [225] [298] 7-7/8" 10-3/4" 98° - 100° [200] [273] 7-1/8" 10" 108° - 110° [181] [254]





DOOR CLOSER MODELS: 8616 SIS REGULAR INSTALLATION (PULL SIDE MOUNT) SPRING INTEGRA CUSHION ARM



DORMA Architectural Hardware Reamstown, PA 17567

INS NO. 08279174

PAGE 1 OF 1

Rev. **05/11**

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP

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

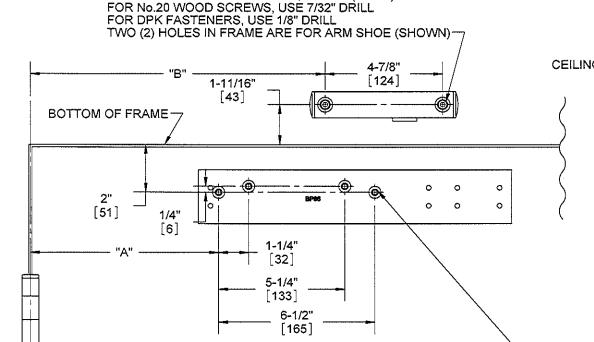
NOTES:

Clof

HINGE OR PIVOT

- 1) DO NOT SCALE THIS DRAWING
- 2) DIMENSIONS ARE IN INCHES / [MM]
- 3) RIGHT 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 (DPK86) FOR STEEL DOOR & FRAME ONLY.

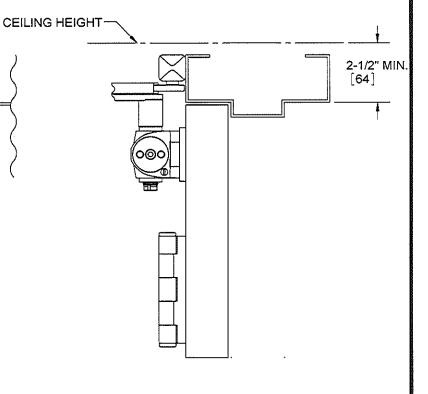
ANGLE OF DIMENSION "A" DIMENSION "B" CUSHION (BACK PLATE) (ARM SHOE) 9-3/4" 12-1/4" 83° - 85° [311] [248] 9-1/4" 11-3/4" 88°-90° [235] [298] 8-1/4" 10-3/4" 98° - 100° [210] [273] 7-1/2" 10" 108° - 110° [254] [191]



FOR No.14 WOOD SCREWS, USE 5/32" DRILL FOR DPK FASTENERS, USE 1/8" DRILL FOR SEX NUTS, USE 3/8" DRILL

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

FOUR (4) HOLES IN DOOR ARE FOR BACK PLATE (SHOWN)



DOOR CLOSER MODELS: 8616 SIS REGULAR INSTALLATION (PULL SIDE MOUNT) WITH BACK PLATES BP86 & BP86FC SPRING INTEGRA CUSHION ARM



DORMA Architectural Hardware Reamstown, PA 17567