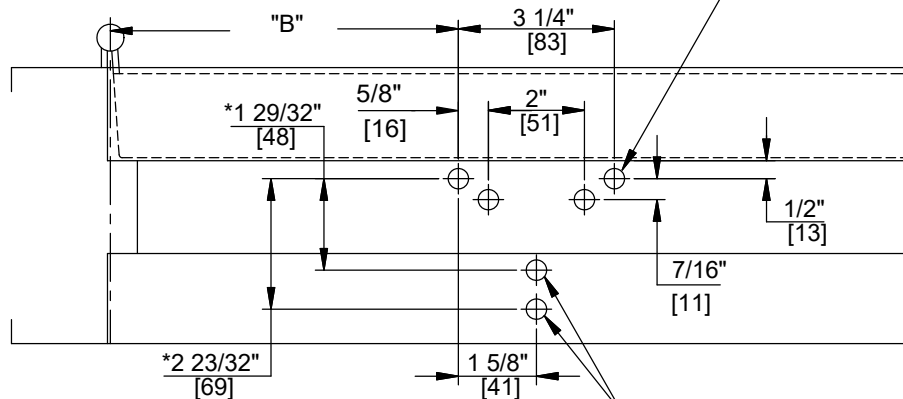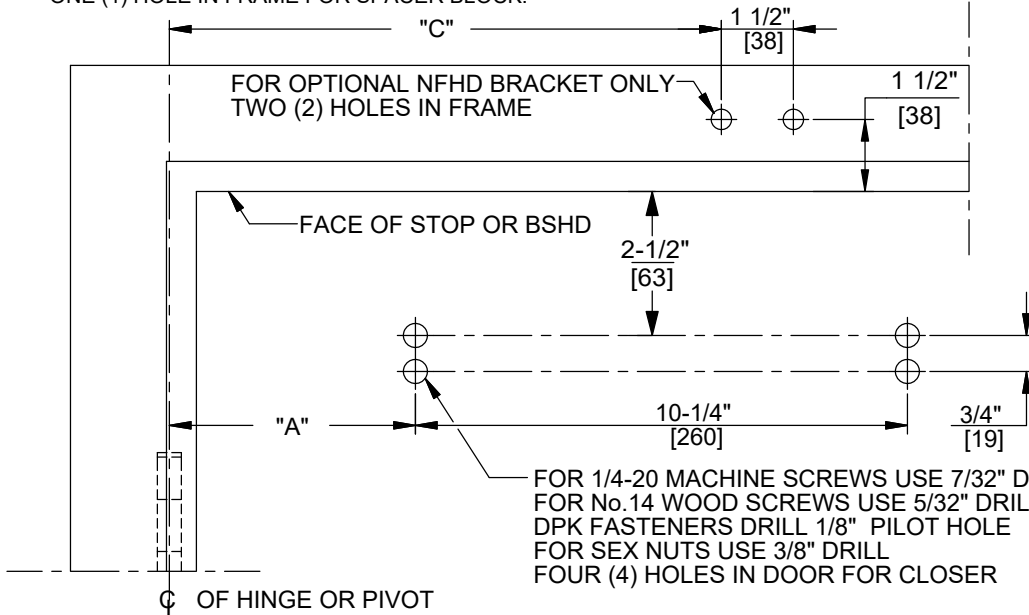| ANGLE OF OPENING HOLD OPEN	DIM. "A" CLOSER	DIM. "B" SOFFIT PLATE	DIM. "C" (NFHD) BRACKET OPTIONAL
TO 100° H.O. 90°	6-5/8 (168)	10-1/8 (257)	11 (279)
TO 180° H.O. 125°	3 (76)	6-1/2 (165)	7-3/8 (187)

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

"B"

3 1/4" [83]

*1 29/32" [48]

5/8" [16]

2" [51]

1/2" [13]

7/16" [11]

*2 23/32" [69]

1 5/8" [41]

*IMPORTANT: CHOOSE APPROPRIATE HOLE LOCATION
FOR SPACER BLOCK, IN ACCORDANCE WITH FRAME WIDTH.
ONE (1) HOLE IN FRAME FOR SPACER BLOCK.

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. FOR FRAME WIDTHS 4-1/2" AND LESS
   USE OPTIONAL (NFHD) BRACKET.
6. MINIMUM DOOR WIDTH 26".
7. TEMPLATE BASED ON 4-1/2" x 4-1/2" BUTT HINGES.
8. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

1 1/2" [38]

"C"

FOR OPTIONAL NFHD BRACKET ONLY
TWO (2) HOLES IN FRAME

1 1/2" [38]

FACE OF STOP OR BSHD

OPTIONAL NFHD BRACKET

STANDARD SPACER BLOCK

2-1/2" [63]

10-1/4" [260]

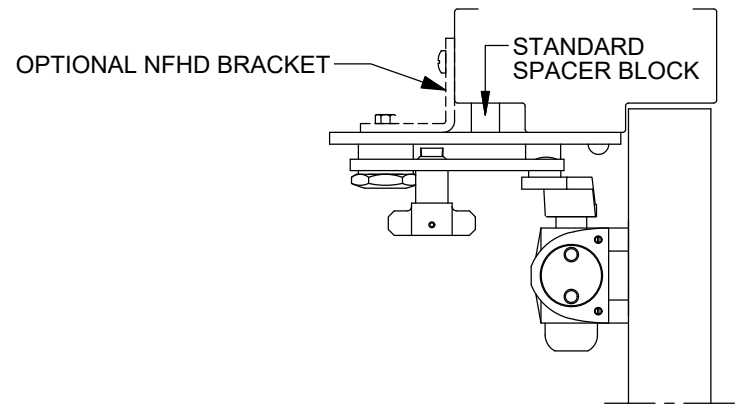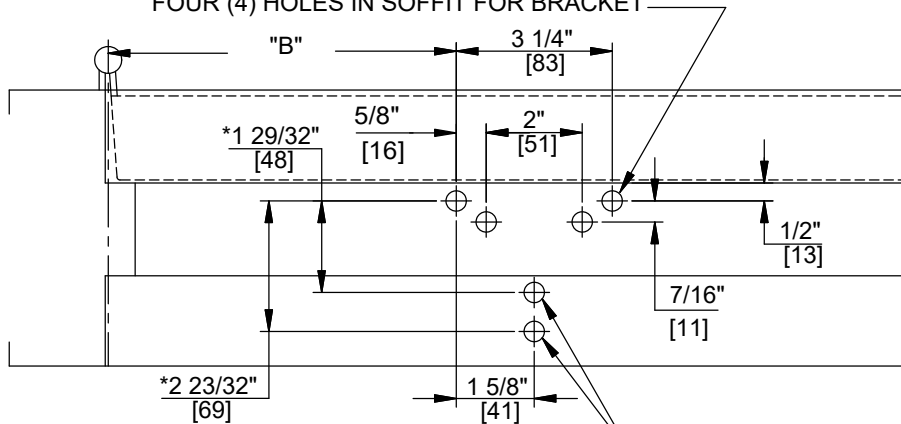3/4" [19]

"A"

℄ OF HINGE OR PIVOT

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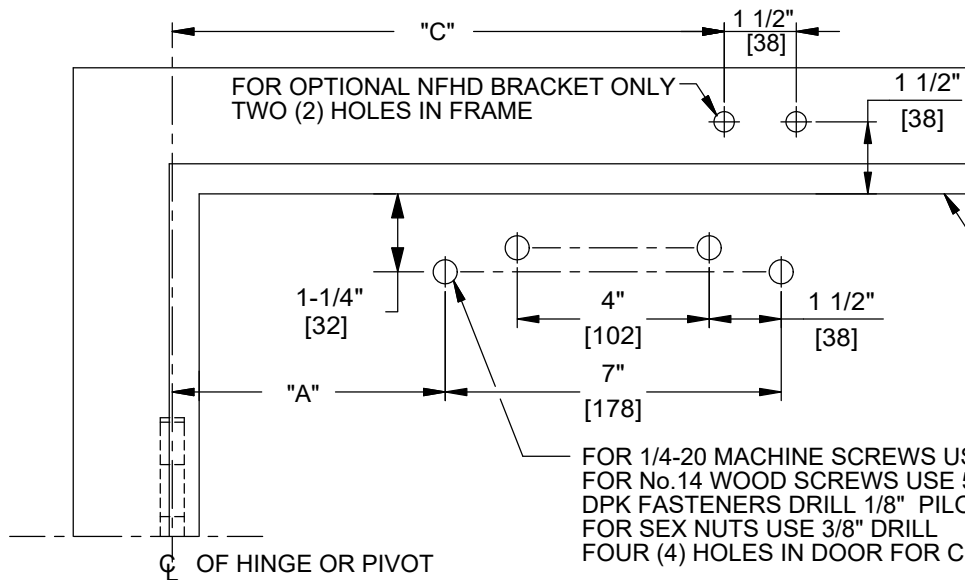FOR SEX NUTS USE 3/8" DRILL
FOUR (4) HOLES IN DOOR FOR CLOSER

DOOR CLOSER MODELS: 7414, 7436 SPA, SPAT, SPAK
SUPER PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)
WITH STANDARD SPACER BLOCK
OPTIONAL NFHD BRACKET AND BSHD BLADE STOP SPACER BLOCK

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800 523 8483

ANGLE OF OPENING HOLD OPEN	DIM. "A" PLATE	DIM. "B" SOFFIT PLATE	DIM. "C" (NFHD) BRACKET OPTIONAL
TO 100° H.O. 90°	9-3/8 (238)	10-1/8 (257)	11 (279)
TO 180° H.O. 123°	5-3/4 (146)	6-1/2 (165)	7-3/8 (187)

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

"B"

3 1/4"
[83]

*1 29/32"
[48]

5/8"
[16]

2"
[51]

1/2"
[13]

7/16"
[11]

*2 23/32"
[69]

1 5/8"
[41]

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. FOR FRAME WIDTHS 4-1/2" AND LESS USE OPTIONAL (NFHD) BRACKET.
6. MINIMUM DOOR WIDTH 26".
7. TEMPLATE BASED ON 4-1/2" x 4-1/2" BUTT HINGES.
8. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

*IMPORTANT: CHOOSE APPROPRIATE HOLE LOCATION
FOR SPACER BLOCK, IN ACCORDANCE WITH FRAME WIDTH.
ONE (1) HOLE IN FRAME FOR SPACER BLOCK.

"C"

1 1/2"
[38]

FOR OPTIONAL NFHD BRACKET ONLY
TWO (2) HOLES IN FRAME

1 1/2"
[38]

OPTIONAL NFHD BRACKET

STANDARD SPACER BLOCK

FACE OF STOP OR BSHD

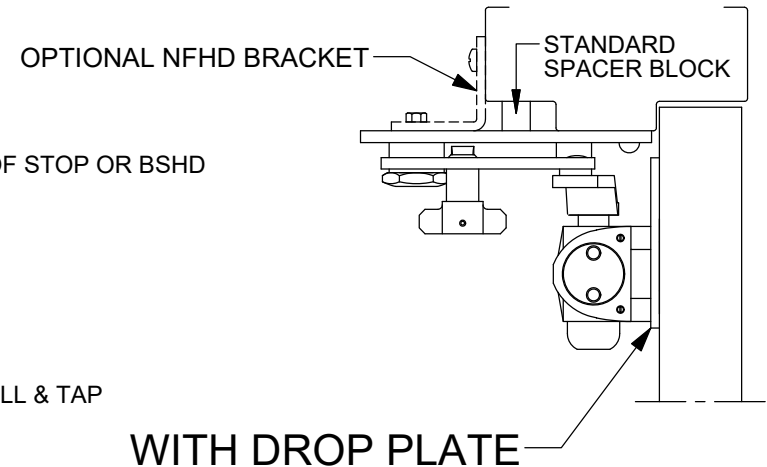1-1/4"
[32]

4"
[102]

1 1/2"
[38]

7"
[178]

"A"

FOR 1/4-20 MACHINE SCREWS USE 7/32" DRILL & TAP
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

℄ OF HINGE OR PIVOT

WITH DROP PLATE

DOOR CLOSER MODELS: 7414, 7436 SPA, SPAT, SPAK
SUPER PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)
WITH PLATES DP74, DP86, DP86FC AND STANDARD SPACER BLOCK
OPTIONAL NFHD BRACKET AND BSHD BLADE STOP SPACER BLOCK

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