NOTES:
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
COMMENTS 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
6) FOR A FRAME WIDTH LESS THAN 2-3/4", USE BACK PLATE BP89 ON
TEMPLATE 08280793
7) SEE CATALOG FOR REVEAL INFORMATION

| ANGLE OF |
| HOLD OPEN | ANGLE OF |
| CUSHION | "A" | "B" |
| 85° | 86° - 91° | 12-1/4" | 9-7/8" |
| 90° | 91° - 96° | 11-3/4" | 9-3/8" |
| 100° | 101° - 106° | 10-7/8" | 8-1/2" |

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)

SEE NOTE 6

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP
FOR NO. 20 WOOD SCREWS, USE 7/32" 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)

SEE NOTE 7

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

DORMA Architectural Hardware
Reamstown, PA 17567
DOOR CLOSER MODELS: 8916 & 8956 SISJH
TOP JAMB INSTALLATION (PUSH SIDE MOUNT) WITH BACK PLATE BP69
SPRING INTEGRA CUSHION ARM

**NOTES:**
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
6) SEE CATALOG FOR REVEAL INFORMATION

<table>
<thead>
<tr>
<th>ANGLE OF HOLD OPEN</th>
<th>ANGLE OF CUSHION (BACK PLATE)</th>
<th>DIMENSION &quot;A&quot;</th>
<th>DIMENSION &quot;B&quot; (ARM SHOE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>85° - 91°</td>
<td>10-1/2&quot;</td>
<td>9-7/8&quot; [267]</td>
</tr>
<tr>
<td>90°</td>
<td>91° - 96°</td>
<td>10&quot;</td>
<td>9-3/8&quot; [254]</td>
</tr>
<tr>
<td>100°</td>
<td>101° - 106°</td>
<td>9-1/8&quot; [232]</td>
<td>8-1/2&quot; [216]</td>
</tr>
</tbody>
</table>

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 BACK PLATE (SHOWN)

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP
FOR No.20 WOOD SCREWS, USE 7/32" 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)

3-1/2" [89] MINIMUM TO CEILING

SEE NOTE 6
NOTES:
1) DO NOT SCALE THIS DRAWING
2) DIMENSIONS ARE IN INCHES / [MM]
3) RIGHT HAND DOOR IS SHOWN
4) CAUTION: S Sleeves are required for attachment of components to un reinforced doors and to wood or plastic face composite type fire doors, unless an alternative methods is identified in the individual door manufacturers listings.
5) OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY
6) SEE CATALOG FOR REVEAL INFORMATION

<table>
<thead>
<tr>
<th>ANGLE OF HOLD OPEN</th>
<th>ANGLE OF CUSHION</th>
<th>DIMENSION &quot;A&quot; (DROP PLATE)</th>
<th>DIMENSION &quot;B&quot; (ARM SHOE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>86° - 91°</td>
<td>10-1/2&quot; [267]</td>
<td>9-7/8&quot; [251]</td>
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<td>9-1/8&quot; [232]</td>
<td>8-1/2&quot; [216]</td>
</tr>
</tbody>
</table>

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 DROP PLATE (SHOWN)

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP
FOR No.20 WOOD SCREWS, USE 7/32" 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)

SEE NOTE 6

MINIMUM TO CEILING

1-3/4" [44]

C OF HINGE OR PIVOT