DORMA USA, Inc.
Reamstown, PA 17567

8916 & 8956 SPRING-DOOR SAVER THUMB HOLD ARM (S-DST)
PUSH SIDE INSTALLATION

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

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 AS FOR SOFFIT PLATE

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 DOOR AND TO
WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS.
UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE
INDIVIDUAL DOOR MANUFACTURE'S LISTINGS.
5) MINIMUM DOOR WIDTH IS 26"
6) OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR &
FRAME ONLY.

"IMPORTANT: CHOOSE APPROPRIATE FIFTH
HOLE LOCATION FOR Spacer BLOCK, IN
ACCORDANCE WITH FRAME WIDTH. ONE (1)
HOLE IS FRAME FOR STANDARD BLOCK.
PREPARE HOLE SAME AS SOFFIT PLATE HOLES

STANDARD NFHD BRACKET

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
TWO (2) HOLES IN FRAME ARE FOR NFHD
BRACKET

<table>
<thead>
<tr>
<th>ANGLE OF HOLD OPEN</th>
<th>ANGLE OF CUSHION</th>
<th>DIM. &quot;A&quot; DROP PLATE</th>
<th>DIM. &quot;B&quot; SOFFIT PLATE</th>
<th>DIM. &quot;C&quot; NFHD BRACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>100°</td>
<td>101° - 111°</td>
<td>4-5/8&quot; [117]</td>
<td>7-1/2&quot; [190]</td>
<td>8-3/8&quot; [213]</td>
</tr>
<tr>
<td>110°</td>
<td>111° - 121°</td>
<td>3-1/2&quot; [89]</td>
<td>5-3/8&quot; [162]</td>
<td>7-1/4&quot; [184]</td>
</tr>
</tbody>
</table>

DOOR CLOSER MODELS: 8916 & 8956 SDST
SPRING DOOR SAVER (PARALLEL ARM INSTALLATION) WITH BACK PLATE BP89
FOR USE WITH STANDARD SPACER BLOCK
FOR USE WITH STANDARD NFHD BRACKET
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 AS FOR SOFFIT PLATE

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 DOOR AND TO
   WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS.
   UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE
   INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
5) MINIMUM DOOR WIDTH IS 26"
6) OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR &
   FRAME ONLY.

IMPORTANT: CHOOSE APPROPRIATE FIFTH
HOLE LOCATION FOR SPACER BLOCK, IN
ACCORDANCE WITH FRAME WIDTH. ONE (1)
HOLE IS FRAME FOR STANDARD BLOCK.
PREPARE HOLE SAME AS SOFFIT PLATE HOLES

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
TWO (2) HOLES IN FRAME ARE FOR NFHD BRACKET

<table>
<thead>
<tr>
<th>ANGLE OF HOLD OPEN</th>
<th>ANGLE OF CUSHION</th>
<th>DIM. &quot;A&quot; DROP PLATE</th>
<th>DIM. &quot;B&quot; SOFFIT PLATE</th>
<th>DIM. &quot;C&quot; NFHD BRACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>100°</td>
<td>101° - 111°</td>
<td>3-5/8&quot; [92]</td>
<td>7-1/2&quot; [190]</td>
<td>8-3/8&quot; [213]</td>
</tr>
<tr>
<td>110°</td>
<td>111° - 121°</td>
<td>2-1/2&quot; [64]</td>
<td>6-3/8&quot; [162]</td>
<td>7-1/4&quot; [184]</td>
</tr>
</tbody>
</table>

STANDARD NFHD BRACKET

FACE OF STOP

9/16" [14]
1/2" [13]
1-1/2" [38]
1-5/8" [41]
3-3/32" [79]
2-9/32" [58]
7/16" [10]
3/8" [10]
2" [51]
3-1/4" [83]
5/8" [16]

2-3/4" [70]
2-3/4" [70]
2-1/4" [57]
Q. OF HINGE OR PIVOT

DOOR CLOSER MODELS: 8916 & 8956 SDST
SPRING DOOR SAVER (PARALLEL ARM INSTALLATION) WITH DROP PLATE DP89
FOR USE WITH STANDARD SPACER BLOCK
FOR USE WITH STANDARD NFHD BRACKET

DORMA Architectural Hardware
Reamstown, PA 17567