DOOR CLOSER MODELS: 8916, 8956 DS, DST, DSK, S-DS, S-DST x FTHD
DOOR SAVER ARM FLUSH TRANSOM INSTALLATION (PUSH SIDE MOUNT)

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. MINIMUM DOOR WIDTH 26".
6. TEMPLATING BASED ON 4-1/2" X 4-1/2" BUTT HINGES.
7. OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR & FRAME ONLY.

<table>
<thead>
<tr>
<th>ANGLE OF OPENING</th>
<th>DIM. &quot;A&quot; CLOSER</th>
<th>DIM. &quot;B&quot; FTHD BRACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>7-3/4 (197)</td>
<td>11-9/16 (294)</td>
</tr>
<tr>
<td>90°</td>
<td>6-7/8 (175)</td>
<td>10-11/16 (271)</td>
</tr>
<tr>
<td>100°</td>
<td>5-3/4 (146)</td>
<td>9-9/16 (243)</td>
</tr>
<tr>
<td>110°</td>
<td>4-5/8 (117)</td>
<td>8-7/16 (214)</td>
</tr>
</tbody>
</table>

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 TRANSOM FOR FTHD BRACKET

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" PILOT HOLE
FOUR (4) HOLES IN DOOR FOR PLATE

DORMA Architectural Hardware
Reamstown, PA 17567
DOOR CLOSER MODELS: 8916, 8956 DS, DST, DSK, S-DS, S-DST x FTHD
DOOR SAVER ARM FLUSH TRANSOM INSTALLATION (PUSH SIDE MOUNT)
WITH PLATE DP89