4050A PULL SIDE (DOOR MOUNT) DROP PLATE

Opening | Dimension A
---|---
To 100° | 6 ³⁄₈"
101° to 120° | 5 ¹⁄₄"
121° to 150° | 4 ³⁄₈"
151° to 180° | 3 ³⁄₈"

Note: If offset pivots are used, increase these dimensions by ¹⁄₈".

4050A PUSH SIDE (TOP JAMB) DROP PLATE

Opening | Dimension A
---|---
To 100° | 6 ³⁄₈"
101° to 120° | 5 ¹⁄₄"
121° to 150° | 4 ³⁄₈"
151° to 180° | 3 ³⁄₈"

4050A PULL SIDE MOUNT ON: 4050A-18 DROP PLATE

Left Hand door shown, Right Hand opposite.
Locate drop plate & shoe from hinge/pivot centerline.

4050A-18G

Left hand door shown, Right hand opposite.
Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

Maximum reveal of 4 ³⁄₈".
For reveals 4 ³⁄₈" - 8 ³⁄₄"; specify long rod.
4050A PA PUSH SIDE (DOOR MOUNT) DROP PLATE

PUSH SIDE MOUNT ON:
4050-18PA DROP PLATE

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
<th>Dimension B</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>7 ⅜&quot;</td>
<td>10 ⅝&quot;</td>
</tr>
<tr>
<td>101° to 130°</td>
<td>6 ⅜&quot;</td>
<td>9 ⅜&quot;</td>
</tr>
<tr>
<td>131° to 150°</td>
<td>6 ⅜&quot;</td>
<td>8 ⅜&quot;</td>
</tr>
<tr>
<td>151° to 180°</td>
<td>5 ⅜&quot;</td>
<td>7 ⅜&quot;</td>
</tr>
</tbody>
</table>

4050A-18PA

Left hand door shown, Right hand opposite.

4050A EDA PUSH SIDE (DOOR MOUNT) DROP PLATE

PUSH SIDE MOUNT ON:
4050A-18PA DROP PLATE

Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
<th>Dimension B</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>6 ⅜&quot;</td>
<td>9 ⅝&quot;</td>
</tr>
<tr>
<td>101° to 130°</td>
<td>5 ⅜&quot;</td>
<td>8 ¼&quot;</td>
</tr>
<tr>
<td>131° to 150°</td>
<td>4 ⅜&quot;</td>
<td>7 ⅜&quot;</td>
</tr>
<tr>
<td>151° to 180°</td>
<td>3 ⅜&quot;</td>
<td>6 ¼&quot;</td>
</tr>
</tbody>
</table>

4050A-18PA
Left hand door shown, Right hand opposite.
Locate drop plate & shoe from centerline of pivot or swing clear hinge pin when used.

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
<th>Dimension B</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>6 7/8&quot;</td>
<td>9 3/4&quot;</td>
</tr>
<tr>
<td>101° to 130°</td>
<td>5 3/8&quot;</td>
<td>8 1/4&quot;</td>
</tr>
<tr>
<td>131° to 150°</td>
<td>4 3/8&quot;</td>
<td>7 1/4&quot;</td>
</tr>
<tr>
<td>151° to 180°</td>
<td>3 3/8&quot;</td>
<td>6 1/4&quot;</td>
</tr>
</tbody>
</table>
4050A CUSH PUSH SIDE (DOOR MOUNT) DROP PLATE

GENERAL NOTES:
1. If door is hung on pivots
   Locate closer and shoe from centerline of pivot point.
2. Top rail less than $5\frac{3}{4}"$
   Requires drop plate.
3. All dimensions applicable
   For hold open or dead stop.
4. Delayed action optional.
5. Reinforcing per. ANSI/SDI-100
   Recommended for hollow metal door and frames.
6. $\frac{\frac{5}{8}}{8}"$ maximum allowable side stop.
7. Using fasters provided
   Mount drop plate with
   (4) $\frac{1}{4} - 14 \times 1\frac{1}{8}$ S.R.T.
   Mount closer to drop plates
   (4) $\frac{1}{4} - 20 \times 2$ P.H.M.S.
8. Minimum Top Rail Width
   is $2\frac{3}{4}"$.

IMPORTANT
Use spacer block provided for fifth screw $\frac{1}{2}"$ or $\frac{5}{8}"$

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
<th>Dimension B</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>8 $\frac{3}{8}&quot;$</td>
<td>11 $\frac{1}{8}&quot;$</td>
</tr>
<tr>
<td>90°</td>
<td>7 $\frac{5}{8}&quot;$</td>
<td>10 $\frac{1}{2}&quot;$</td>
</tr>
<tr>
<td>95°</td>
<td>7 $&quot;$</td>
<td>9 $\frac{3}{4}&quot;$</td>
</tr>
<tr>
<td>100°</td>
<td>6 $\frac{1}{2}&quot;$</td>
<td>9 $\frac{1}{4}&quot;$</td>
</tr>
<tr>
<td>105°</td>
<td>6 $&quot;$</td>
<td>8 $\frac{7}{8}&quot;$</td>
</tr>
<tr>
<td>110°</td>
<td>5 $\frac{1}{2}&quot;$</td>
<td>8 $\frac{3}{4}&quot;$</td>
</tr>
</tbody>
</table>
General Notes:
1. If door is hung on pivots
   Locate closer and shoe from $C$ of pivot point.
2. Top rail less than 5½"
   Requires drop plate.
3. All dimensions applicable
   For hold open or dead stop.
4. Delayed action optional.
5. Reinforcing per. ANSI/SDI-100
   Recommended for hollow Metal door and frames.
6. ⅝" maximum allowable side Stop.
7. Using fasters provided
   Mount drop plate with
   (4) ¾ - 14 x ⅛ S.R.T.
   Mount closer to drop plates
   (4) ¾ - 20 x 2 P.H.M.S.