**1450 Series**

**Drop Plate**

**1450 PULL SIDE (DOOR MOUNT) DROP PLATES**

- Pull side Arm Mounted On:
  - 1450-18 Drop Plate
  - 1450-18FC Drop Plate

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>7 ½&quot;</td>
</tr>
<tr>
<td>100° -130°</td>
<td>6&quot;</td>
</tr>
<tr>
<td>Over 130°</td>
<td>4 ½&quot;</td>
</tr>
</tbody>
</table>

**NOTES**
- Minimum Top Rail Width is 1 ½".

**1450 PUSH SIDE (TOP JAMB) DROP PLATES**

- Push Side Arm Mounted On:
  - 1450-18 Drop Plate

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>7 ½&quot;</td>
</tr>
<tr>
<td>100° -130°</td>
<td>6&quot;</td>
</tr>
<tr>
<td>Over 130°</td>
<td>4 ½&quot;</td>
</tr>
</tbody>
</table>

**NOTES**
- Minimum Frame Face of 7/8” required.

**1450-18PA Drop Plate**

- Push Side Arm Mounted On:
  - 1450-18PA Drop Plate

**General Notes:**
1. On Top Jamb & Hinge Face Mounts, Locate Closer & Shoe From C Of Pivot or Swing Clear Hinge Pin When Used.
2. On Top Jamb Mounting When Overhead Stop is Used, Shoe Must Be Lowered To Clear Holder.
3. For 180° Opening On Hinge Face Mounts, Max Buttsize Is 5” X 5”
4. Reinforcing Per ANSI/SDI-100 Recommended For Hollow Metal Doors and Frames.
1450 Push Side (Door Mount) Drop Plates

Push Side Parallel Arm Mounted On:
1450-18PA Drop Plate
1450-18PAFC Drop Plate

Left Hand Door Shown
Right Hand Door Opposite

NOTES -
1. MINIMUM TOP RAIL WIDTH IS 1 7/8'

General Notes:
1. On Top Jamb & Hinge Face mounts. Locate closer & shoe from C of pivot or swing clear hinge pin when used.
2. On Top Jamb mounting when overhead stop is used, shoe must be lowered to clear holder.
3. Reinforcing Per ANSI/SDI-100 recommended for hollow metal doors and frames.
1450 Cush Drop Plates

Push Side, Parellelarm Mounted On:
1450-18PA Drop Plate
1450-18PAFC Drop Plate

Notes:
1. Minimum Top Rail Width is 1 1/2"

General Notes:
1. If door is hung on pivots, locate closer and shoe from CL of pivot point.
2. Top rail less than 4 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. 5/8 maximum allowable side stop.
7. Using fasteners provided, mount drop plate with (4) 1/4 - 14 x 1 3/8 S.R.T.
   Mount closer to drop plates (4) 1/4 - 20 x 1/2 P.H.M.S.
   Increase this dimension to 15/16 for spring cushion FC.

IMPORTANT
Use spacer block provided for Fifth screw 1/2" or 5/8"

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A</th>
<th>Dimension B</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>11&quot;</td>
<td>5 1/2&quot;</td>
</tr>
<tr>
<td>90°</td>
<td>10 1/4&quot;</td>
<td>4 3/4&quot;</td>
</tr>
<tr>
<td>95°</td>
<td>9 1/2&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>100°</td>
<td>8 3/4&quot;</td>
<td>3 3/8&quot;</td>
</tr>
<tr>
<td>105°</td>
<td>8 1/4&quot;</td>
<td>2 7/8&quot;</td>
</tr>
<tr>
<td>110°</td>
<td>7 5/8&quot;</td>
<td>2 1/4&quot;</td>
</tr>
</tbody>
</table>

* Increase this dimension to 15/16 for spring cushion FC.
**1450 EDA**

**Drop Plates**

**Push Side, Parallel Arm Mounted On:**

- 1450-18PA Drop Plate
- 1450-18PAFC Drop Plate

**IMPORTANT**

Use spacer block provided for Fifth screw ½" or ⅝".

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**Left Hand Door Shown**

**Right Hand Door Opposite**

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**General Notes:**

1. If door is hung on pivots locate closer and shoe from Q of pivot point. (consult factory if using swing clear hinges.)
3. Top rail less than 4 3/4 requires drop plate.
4. All dimensions applicable for hold open.
5. Delayed action optional.
6. Reinforcing per ANSI/SDI-100 recommended for hollow metal door and frames.
7. 5/8 maximum allowable side stop.
8. Using fasters provided mount drop plate with (4) 1/4 - 14 x 1 3/8 S.R.T. mount closer to drop plates with (4) 1/4 - 20 x 1/2 p.H.M.S. Max. Butt hinge size 5 x 5.

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**Customer Service**

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