Pre Installation Notes:
1. Hollow metal frames must be properly reinforced with 3/16" [5] thick plates that are at least 12" [305] long.
2. Hollow metal doors must be properly reinforced with 3/16" [5] as shown on page 3.
3. Hold open (7017) and Friction (7015) are not permitted for use on fire doors.
4. Stop only (7016) is subject to job specification for fire door use.

** All Dimensions are in Inches and Millimeters
3. ARM ALIGNMENT

Open the door then align and insert the Jamb Arm into the Slider Arm.

4. SETTING DESIRED DOOR OPENING

If it applies, disengage the hold open engagement switch (step 5a). With the door held at the desired maximum opening angle, position the slider bar against the stop spring. Then tighten the three friction screws. Tighten the screws to **12 ft-lbs [16.3 Nm]**.

If dead stop is required, position the door 5-7 degrees less than the desired dead stop, and tighten as instructed above.

5a. OPTIONAL HOLD OPEN (7017)

Using a Philips screwdriver, turn the hold open adjustment screw clockwise to increase the hold-open tension and counter-clockwise to lower the tension.

Hold Open engagement switch **ON** position

Hold Open engagement switch **OFF** position

5b. OPTIONAL FRICTION HOLD OPEN (7015)

Using a flat head screw driver, turn the friction adjustment screws clockwise to increase the friction and counter-clockwise to lower the friction.
DOOR PREP FOR ALL STYLES OF HOLD OPENS AND STOPS

<table>
<thead>
<tr>
<th>Size</th>
<th>Door Width</th>
<th>85°-95° Opening</th>
<th>97° - 110° Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
<td>Z</td>
</tr>
</tbody>
</table>


JAMB BRACKET TEMPLATE

FRAME REINFORCEMENT

HAGER COMPANIES 139 Victor Street, St. Louis, MO 63104 - (800) 325-9995 - Fax (800) 782-0149