## 1 Installation

1a The hand of the door and the closer must be the same. RH or LH will be stamped on the mounting plate. See the proper template for your application.

1b Attach the arm to the closer. The bend in the arm will always point towards the door.

1c Install the closer including the arm in the prepped frame with mounting screws provided. Be sure the mounting plate is flush with the soffit.

1d After the closer is mounted in the door jamb, attach the applied stop to the head frame, as shown below. The stop section must have an access hole to allow for door closer adjustment.

1e The track mortise in the top of the door must match the proper template. Place the roller in the track. Mount the track in the door. Fasten with the provided screws.

1f Open the door approximately 45°. Pull the arm over the top of the door. Align the hole in the end of the arm with the roller stud. Fit the closer arm completely onto the roller stud and tighten the arm set screw securely.

1g Adjust the closing power only if more power is needed. The closer is shipped with minimum closing power preset. To increase the closing power turn the spring adjusting screw clockwise. Maximum adjustment is 36 turns.

## 2 Adjustment

The 2030 Series closer has been regulated prior to shipment. If adjustments are necessary, carefully follow instructions **DO NOT REMOVE THE COVER PLATE TO MAKE ADJUSTMENTS.**

2a **Closing Speed:** See Closer Control Diagram below. Regulating screw locations are shown in illustration at left and also on door closer label. To adjust Main Speed, turn regulating screw clockwise to decrease or counter-clockwise to increase. To adjust Latch Speed, turn regulating screw clockwise to decrease or counter-clockwise to increase.

2b **Backcheck:** This control hydraulically dampens the opening speed of doors. Use enough backcheck to sufficiently slow the doors opening speed. To increase resistance, turn regulating screw clockwise.

### NOTE: DO NOT USE AN ABRUPT BACKCHECK OR EXPECT THE DOOR CLOSER TO ACT AS A DOOR STOP!

## 3 Hold-Open Information

Hold open tracks must **not** be installed on fire rated doors.

### HOLD-OPEN OPTION

- **LIGHT HOLD-OPEN FORCE**
- **STRONG HOLD-OPEN FORCE**

### CAUTION

Improper installation or regulation may result in personal injury or property damage. Follow all instructions carefully. For questions, call LCN at 877-671-7011.
### Notes:
1. For 180° openings, max. allowable butt size is 5" x 5".
2. Minimum stop thickness 1/2".
3. 1/2" door to sofit clearance required.
4. Reinforcing per ANSI/SDI-100 recommended for hollow metal doors & frames.

### Left Hand Door and Closser Shown, Right Hand Opposite

<table>
<thead>
<tr>
<th>No.</th>
<th>Revision</th>
<th>By Date</th>
<th>DRW BY CTB 1/94</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2030 WAS 2030-101</td>
<td>RS 3/78</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CHANGED LOGO</td>
<td>RS 7/80</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CHANGE TO UNIV. TRACK</td>
<td>DRM 10/89</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>TRACK HOLES RELOCATED</td>
<td>DRM 6/90</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CAD CONV./ADDED SIZE</td>
<td>CTB 1/94</td>
<td></td>
</tr>
</tbody>
</table>

**OVERHEAD CONCEALED CLOSER WITH CONCEALED ARM & TRACK**

**2030 INST.**
PLAN & ELEVATION OF OVERHEAD FRAME SHOWING PREPARATION FOR CLOSER

4. $\frac{1}{2} - 20 \times \frac{5}{8}$ P.H.M.S.

5. Regardless of $\frac{7}{8}$ DOOR THICKNESS

6. PLAN & ELEVATION OF TOP OF DOOR SHOWING PREPARATION FOR CLOSER TRACK

NOTES:

1. BEVEL HEEL EDGE OF DOOR $\frac{1}{8}$" IN 2".

2. FOR PIVOT INSTALLATION DETAILS, SEE PIVOT TEMPLATE, FOR USE WITH PIVOT SETS: 7212, 7215, 7222, 7226 AND 7227.

3. MINIMUM STOP THICKNESS $\frac{1}{2}$".

4. $\frac{1}{2}$" DOOR TO STOP CLEARANCE REQUIRED.

5. REINFORCING PER ANSI/SDI-100 RECOMMENDED FOR HOLLOW METAL DOOR AND FRAMES.