

- Do not scale drawing.
- Left hand door shown.
- Dimensions are in inches. See conversion chart for metric dimensions.

| | 10 | 0° to 1 Over 1 | | 6-1/2 4 | |
|----|------|-------------------|----|------------|-------|
| in | ches | mm. | | hes | mm. |
| | 1/2 | 12.7 | 6 | | 152 |
| 1 | -1/2 | 38.1 | 6- | 1/2 | 165 |
| 1 | -3/4 | 44.5 | 7 | | 177.8 |
| 3 | -5/8 | 92 | 8 | | 203 |
| 4 | | 101.6 | | | |

Dim. A

Opening

To 100°

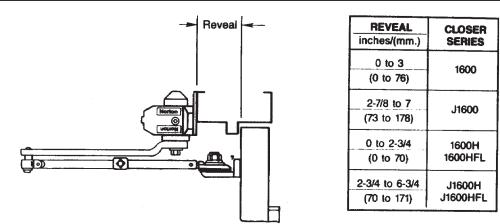
Door swing may be limited by door, frame, wall or hardware conditions.

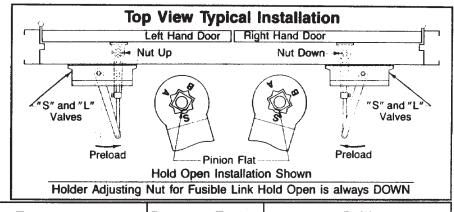
Hollow-metal doors require channel or box-type reinforcement when thrubolt mount is specified.

Hold Open Arm door closers without Fusible-link release are not permitted to be used on fire doors.

Sex-bolts may be required for wood or plastic faced fire door mounting. Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm.) unless otherwise noted.

> (J)1600 and (J)1600H Series Door Closers Top Jamb Application With 1688 Drop Plate Non Hold Open or Hold Open Arm Individually Sized Units 3 and 4 & Multi-size Unit 1-6





| Fastener | Door or Frame | Drill | |
|--------------------------------|------------------|---|--|
| #14 type "A" sheet metal screw | wood | 7/32" (5.5mm) | |
| 1/4-20 machine screw | metal | #7 (.201 dia.) or 5.10mm. drill 1/4"-20 tap | |
| SNB (optional) | hollow-metal | 9/32" (7.00mm.) thru 3/8" (9.50mm.) door face opposite to closer | |
| | aluminum or wood | 3/8" (9.50mm.) thru | |
| TBGN (optional) | all | 9/32" (7.00mm.) thru 3/8" (9.50mm.) diameter x 3/8" (10mm.) deep, door face opposite to closer | |

