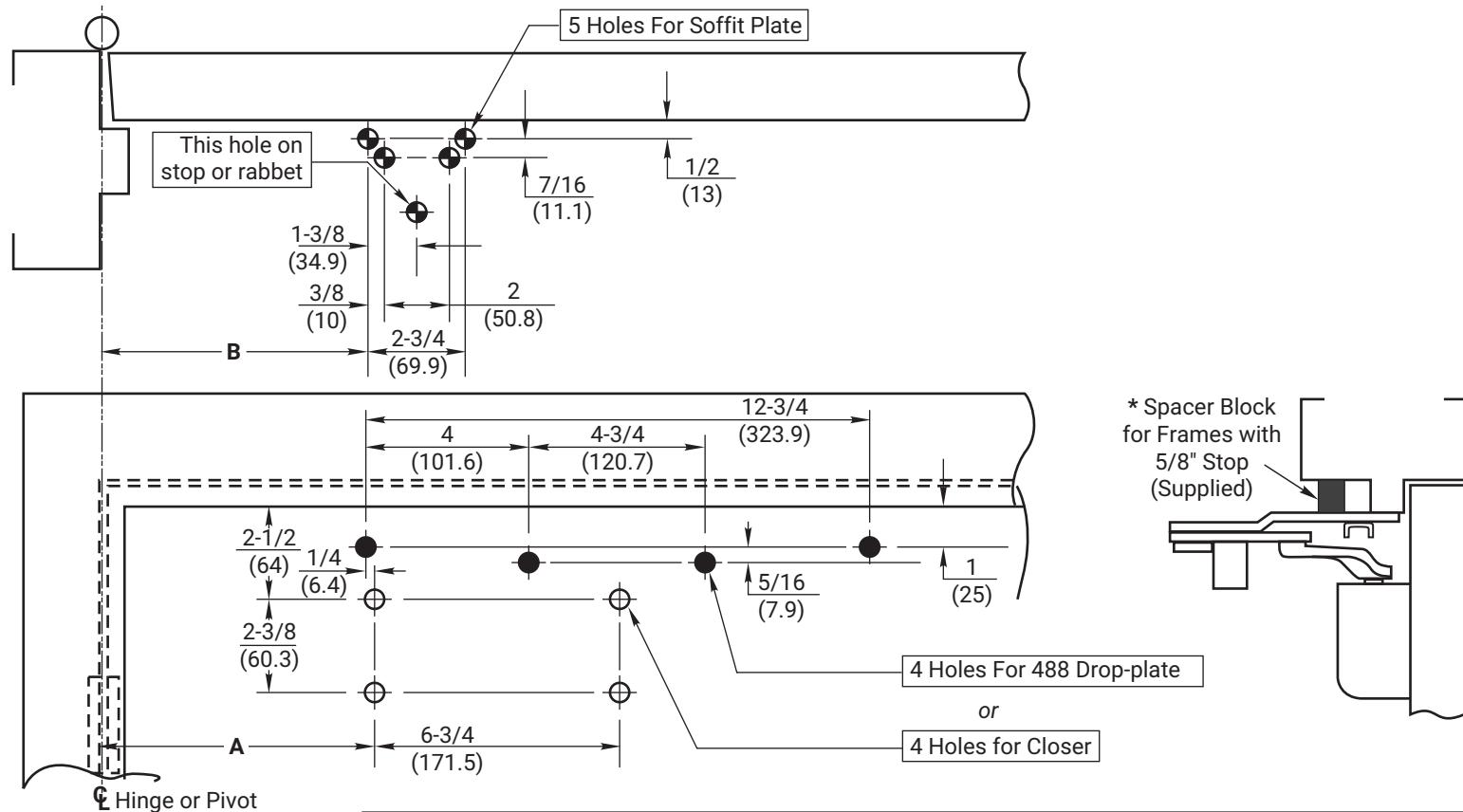


**CAUTION:** Door swing may be limited by door, frame, wall or hardware conditions

**NOTES:**

- Do not scale drawing.
- Left hand door shown.
- Dimensions are given in inches (mm).
- Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
- Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm) unless otherwise noted.
- **Doors will swing 2° beyond hold open point to dead stop position.**
- Model 4420T not permitted to be used on fire door.



| Door Opening Angle |           | 1-3/4 (44) Thick Door hung on 4-1/2 (114) wide template hinges or 3/4 (19) Offset pivots |              |
|--------------------|-----------|--|--------------|
| Hold Open          | Dead Stop | Dim. A   | Dim. B       |
| 85°                | 90°       | 10-1/8 (257)   | 10-5/8 (270) |
| 90°                | 95°       | 9-1/4 (235)  | 9-3/4 (248)  |
| 95°                | 100°      | 8-5/8 (219)  | 9-1/8 (232)  |
| 100°               | 105°      | 7-7/8 (200)  | 8-3/8 (213)  |
| 105°               | 110°      | 7-3/8 (187)  | 7-7/8 (200)  |
| 110°               | 115°      | 6-3/4 (171)  | 7-1/4 (184)  |

| Preparation for Fasteners                |                      |                  |   |
|--|----------------------|------------------|---|
| Fasteners                                | To Apply             | Door or Frame    | Drill Sizes   |
| Sex nuts and bolts                       | Closer or drop-plate | Hollow-Metal     | 9/32" (7.00mm) through<br>3/8" (9.50mm) door-face opposite to closer                              |
|  |                      | Aluminum or Wood | 3/8" (9.50mm) through   |
|  |                      | Wood             | 7/32" (5.5mm)   |
| #14 x 1/4" (32mm)<br>type "A" S.M. screw | Soffit-plate         | Aluminum         | 7/32" (5.5mm)   |
|  |                      | Metal            | drill: #7 (.201" dia.) tap: 1/4-20  |
| 1/4-20 machine screw                     | Optional             | All              | 9/32" (7.00mm) through;<br>3/8" (9.50mm) dia. x 3/8" (10mm)<br>deep, door face opposite to closer |
| Thru bolts and grommet nuts              |                      |                  |   |

**4400 Series Door Closer**  
**Holder Stop Models 4420 or 4420T With or Without 488 Drop Plate**

**ACCENTRA**  
**ASSA ABLOY**

|                 |           |     |   |      |       |
|-----------------|-----------|-----|---|------|-------|
| TEMPLATE NUMBER | 7344-0301 | REV | 3 | DATE | 05/24 |
|-----------------|-----------|-----|---|------|-------|