

| Opening      | Dim. "A"    |
|--------------|-------------|
| To 100°      | 7-5/8 (194) |
| 100° to 120° | 6-5/8 (168) |
| 120° to 150° | 4-5/8 (117) |
| 150° to 180° | 4-1/8 (105) |

This template covers the following series of door closers:

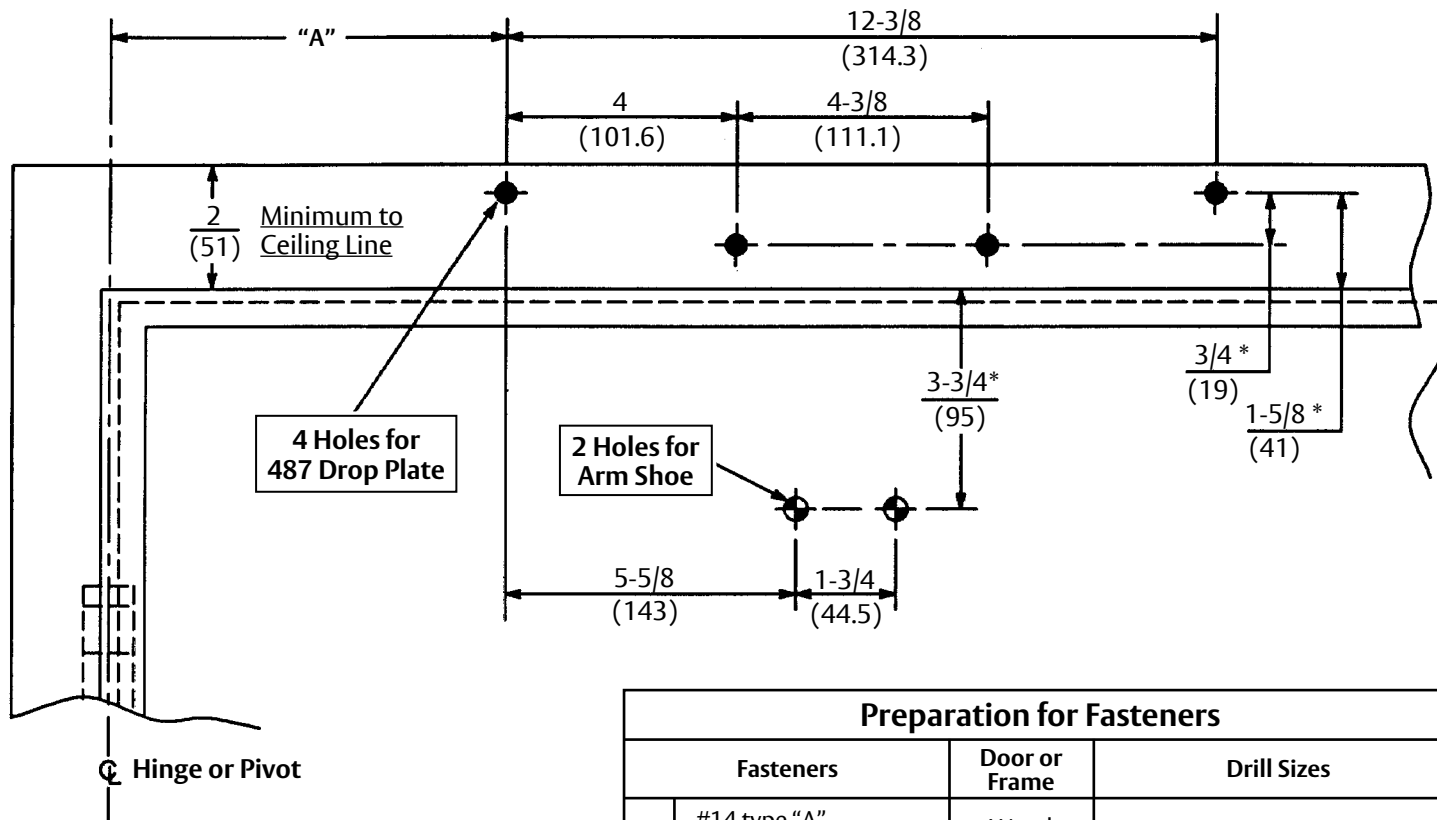
|        |         |
|--------|---------|
| 400    | 4400    |
| TJ400  | TJ4400  |
| TJL400 | TJL4400 |
| TJS400 | TJS4400 |

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

**Notes:**

1. Do not scale drawing.
2. Left hand door shown.
3. Dimensions are in inches (mm).
4. Hollow metal doors require channel or box type reinforcement when thru bolt mount is specified.
5. Sex bolts may be required for wood or plastic faced fire door mounting.
6. Minimum thickness recommended for reinforcements in hollow metal doors and frames: 0.1046" (2.66mm) unless otherwise noted.

\* Always use frame or transom rabbet as reference plane, not bottom of stop.



| Preparation for Fasteners |  |                  |   |
|---------------------------|--|------------------|---|
|                           | Fasteners  | Door or Frame    | Drill Sizes   |
| Standard                  | #14 type "A" S.M. Screw<br>Arm: 1-1/4" (32mm)<br>Closer: 2-3/4" (70mm) | Wood             | 7/32" (5.5mm)   |
|                           |  | Aluminum         |   |
|                           | 1/4-20 machine screw   | Metal            | drill: #7 (.201")<br>tap: 1/4-20  |
| Optional                  | Sex nuts and bolts   | Hollow Metal     | 9/32" (7.00mm) thru;<br>3/8" (9.50mm) on door or transom face opposite to closer                            |
|                           |  | Aluminum or Wood | 3/8" (9.50mm) thru  |
|                           | Thru bolts and grommet nuts  | All              | 9/32" (7.00mm) thru;<br>3/8" (9.50mm) dia. x<br>3/8" (10mm) deep on door or transom face opposite to closer |

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(TJ), (TJL), (TJS) 400 Series Door Closers - Sized 2 thru 6  
 (TJ), (TJL), (TJS) 4400 Series Door Closers -  
 Multi-Size 1 to 6  
 Top Jamb Non-Hold Open Arm with 487 Drop Plate  
 Drop Application for 2" (51) Ceiling Clearance or O.H. Holder Clearance

Template Number:  
7344-0152  
Sheet: 1 of 1  
Date: 12/23

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