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:
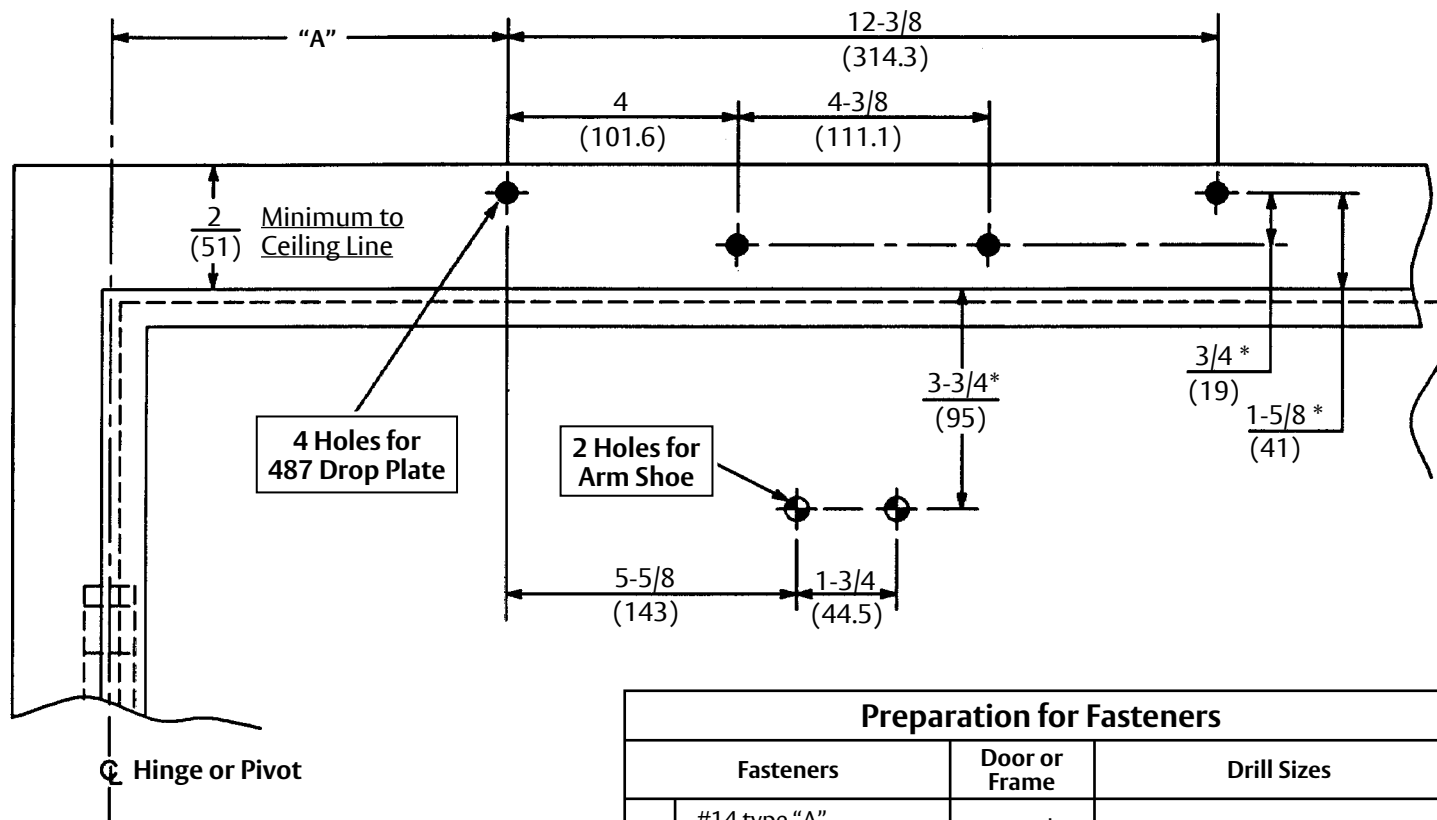
1400	4410
TJ1400	TJ4410
TJL1400	TJL4410
TJS1400	TJS4410

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.
7. Hold Open Arm closers are not permitted to be used on fire doors.

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

"A" — 12-3/8 (314.3) — 4 (101.6) — 4-3/8 (111.1) — 2 (51) Minimum to Ceiling Line — 3-3/4* (95) — 3/4 * (19) — 1-5/8 * (41)

4 Holes for 487 Drop Plate

2 Holes for Arm Shoe — 5-5/8 (143) — 1-3/4 (44.5)

Hinge or Pivot

Preparation for Fasteners

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

(TJ), (TJL), (TJS) 1400 Series Door Closers - Sized 1 thru 6
(TJ), (TJL), (TJS) 4410 Series Door Closers - Multi-Size 2 to 6
With 487 Drop Plate
Top Jamb Hold Open Arm Application
Drop Application for 2" (51) Ceiling Clearance or O.H. Holder Clearance

Template Number: 7344-0154
Sheet: 1 of 1
Date: 12/23

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