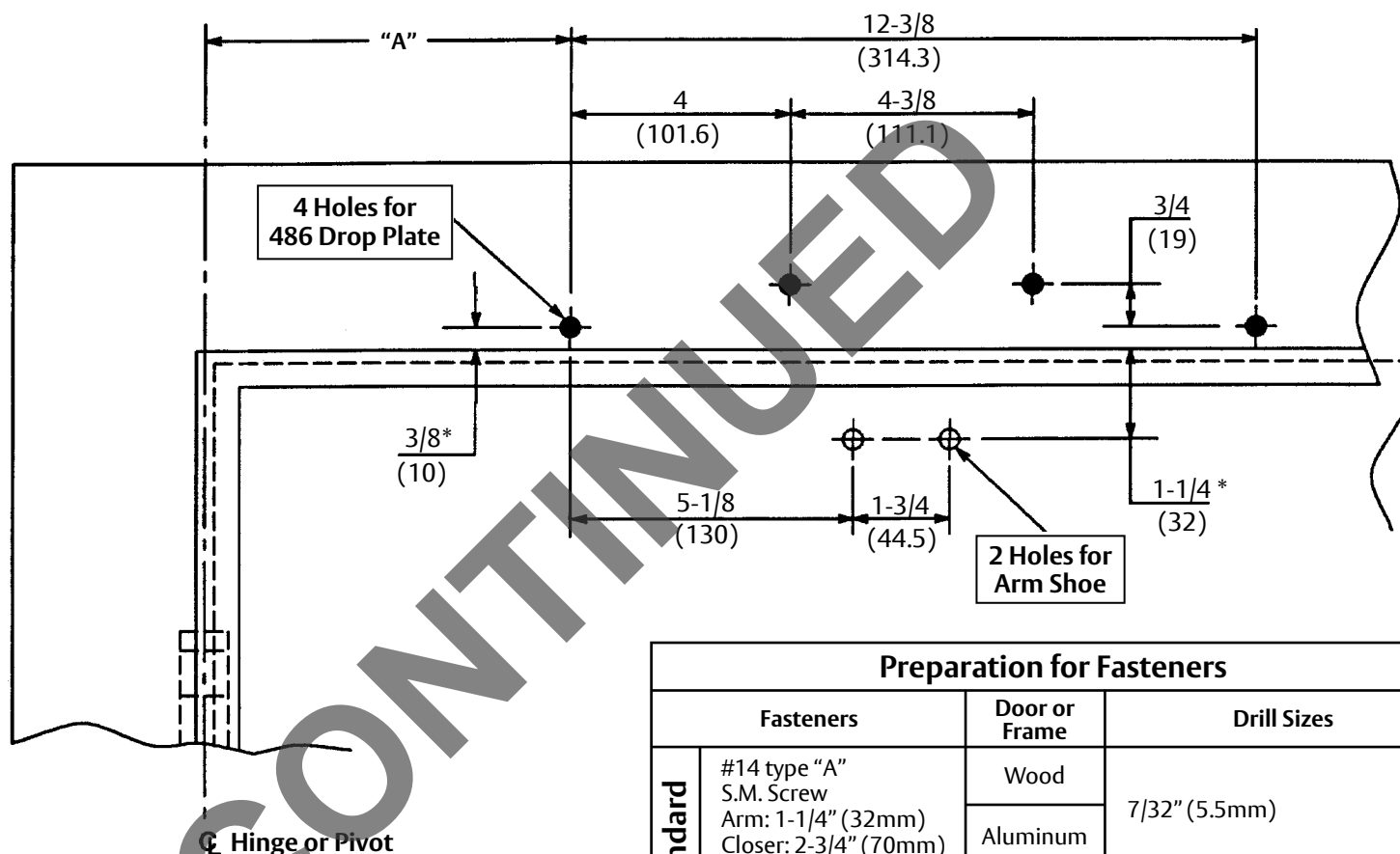


Opening	Dim. "A"
To 100°	7-5/8 (194)
100° to 120°	6-5/8 (168)
120° to 150°	4-5/8 (117)
150° to 180°	4-1/8 (105)



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 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) deep 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

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2400/TJ2400 Series Door Closers - Sized 2 thru 6
4480/TJ4480 Series Door Closers - Multi-Size 1 to 6
With 486 Drop Plate
Top Jamb Non-Hold Open Low Profile Arm Application

Template Number:
7344-0157
Sheet: 1 of 1
Date: 12/23

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