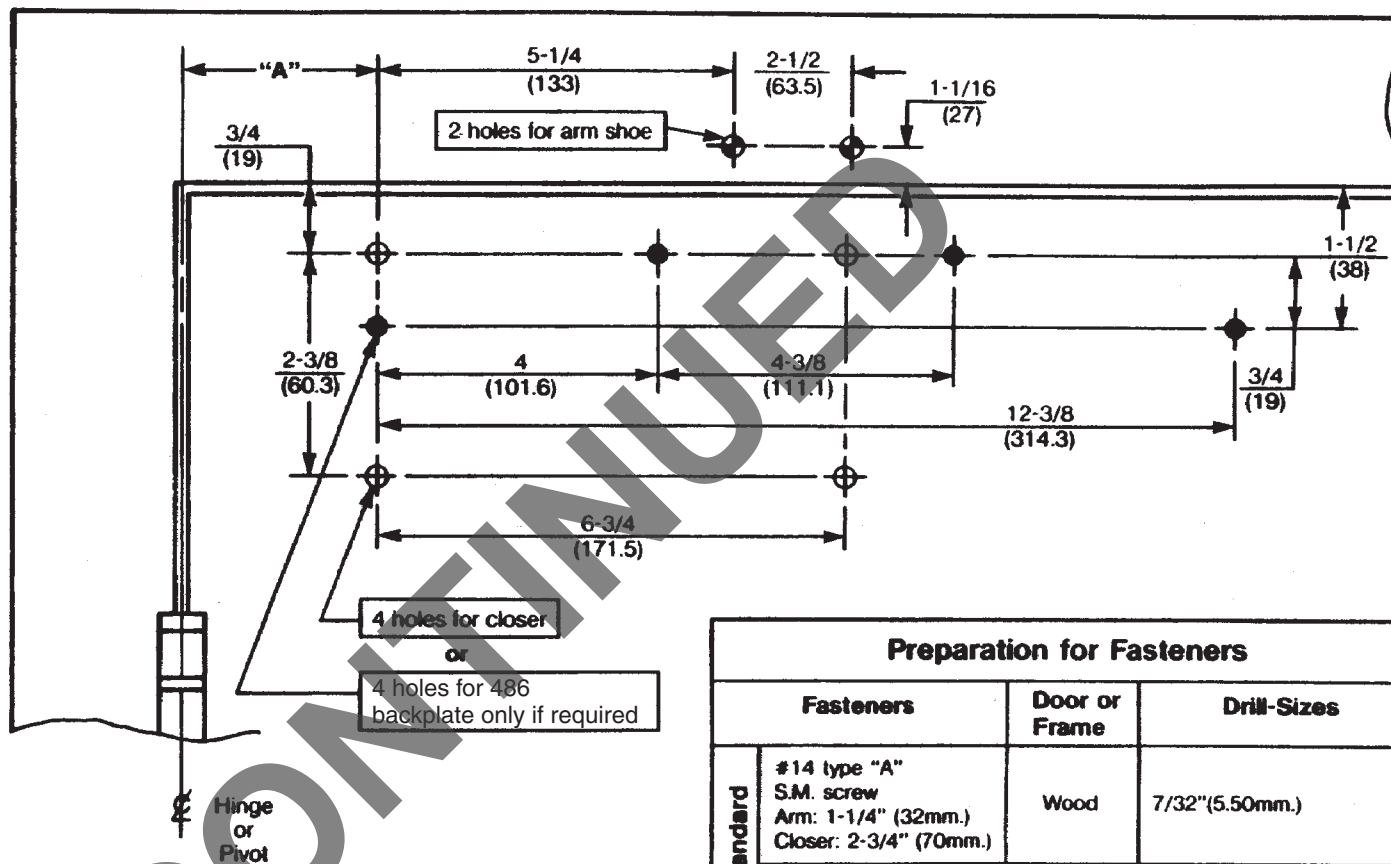


Door Opening	Dimension "A"	
	inches	mm.
To 100°	7-5/8	194
101° to 120°	6-5/8	168
121° to 150°	4-5/8	117
151° to 180°	4-1/8	105

SPECIAL NOTE:

Hinge side frame reveal must not exceed 1/8 (3) or 5/16 (8) if 486 backplate is used.



Do Not Scale Drawing

Right Hand Door Shown

Dimensions are in inches (mm).

Caution: Door swing may be limited by door, frame, wall, or hardware conditions. (Including closer projection.)

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.

If door closer is used in conjunction with a surface mounted overhead door stop/holder, use the 486 backplate and drill a clearance hole in the plate at the location of the sleeve-nut head on the door.

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"(5.50mm.)
		Metal	drill: #7 (.201") tap: 1/4"-20
Optional	Sex nuts and bolts	Hollow-Metal	9/32" (7.00mm.) through; 3/8" (9.50mm.) on door or transom-face opposite to closer
		Aluminum or Wood	3/8" (9.50mm.) through
	Through-bolts and grommet-nuts	All	9/32" (7.00mm.) through; 3/8" (9.50mm.) dia. X 3/8" (10mm.) deep on door or transom-face opposite to closer

**SCR400/SCR4400 Series Security Door Closer
Rigid Regular Arm Non-Hold Open Installation**



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TEMPLATE NUMBER

7344-0601

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