



**Notes:**

1. Do not scale drawing
2. Left hand door shown
3. Dimensions are in inches (mm).
4. **Caution: Door swing may be limited by door, frame, wall, or hardware conditions.**
5. Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
6. Sex-bolts required for wood or plastic faced fire-door mounting.
7. Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046 (2.66mm) unless otherwise noted.

Preparation for Fasteners			
	Fasteners	Door or Frame	Drill-Sizes
Standard	#14 SMS Type A Arm: 1-1/4" (32mm) Closer: 2-3/4" (70mm)	Wood	3/16" (4.8 mm) Pilot Hole Required
	1/4" - 20 machine screw	Metal	Drill: #7 (0.201" dia.) Tap: 1/4 - 20
Optional	Sex nuts and bolts	Hollow Metal	9/32" (7 mm) through; 3/8" (9.5 mm) door or transom-face opposite to closer
		Aluminum or Wood	3/8" (9.5 mm) through
	Through-bolts and grommet-nuts	All	9/32" (7 mm) thru; 3/8" (9.5 mm) dia. x 3/8" (9.5 mm) deep on door or transom-face opposite to closer

**P7500 or P7700 Series Door Closers x 7701-5A Arm Assembly  
 For 180° Door Swing Using Wide Throw Hinges - 8" (200mm) Max.  
 With or Without 7788 Drop Plate  
 Non-Hold Open Parallel Arm Application  
 Door Closer Sizes: 7500 (1 thru 6); 7700 (2, 3, 4, 5, or 6)**



TEMPLATE NUMBER	REV	DATE
<b>7377-0214</b>	<b>3</b>	<b>12/21</b>