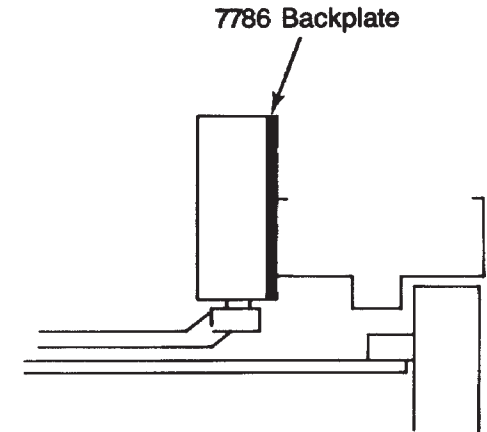


Notes:

- Do not scale drawing.
- All dimensions shown in inches (mm.).
- Left hand door shown.
- Caution: Hollow metal doors require channel or box type reinforcement. Hollow metal frames require full width header reinforcement.



Preparation for Fasteners			Figure 6.		
Fasteners	Application	Door or Frame	Drill Sizes		
Sex-nuts and bolts	Arm-foot	Hollow Metal	9/32" (7.00mm.) through 3/8" (9.50mm.) door face opposite to closer		
		Aluminum or Wood	3/8" (9.50mm.) through		
#14 x 1-1/4" (32mm.) type "A" S.M. screws	7786 closer-backplate	Wood	3/16" (4.30mm.)		
1/4-20 machine screw		Metal	drill: #7 (.201" dia.) tap: 1/4-20		
Through bolts and grommet nuts	Optional	All	9/32" (7.00mm.) through 3/8" (9.50mm.) dia. x 3/8" (10mm.) deep, door face opposite to closer		

Door Opening Angle		Dimensions			
Hold Open	Dead Stop	Butts and Offset Pivots		Center Pivots	
		Dimension A		Dimension A	
		Inches	mm.	Inches	mm.
85°	90°	9¾	248	10¼	260
90°	95°	9⅞	232	9⅝	244
95°	100°	8½	216	9⅞	232
100°	105°	8	203	8⅝	219
105°	110°	7¾	197	8⅞	206
110°	115°	7⅞	187	7⅞	200

**Unitrol® Standard Application
 Series UNI-J7500 & UNI-J7700
 (7786 Backplate)**

**Top Jamb Installation Template
 Stop Only or Hold Open Unitrol®
 Backcheck or Delayed Action Door Closer**



TEMPLATE NUMBER	REV	DATE
7377-1401	3	12/21