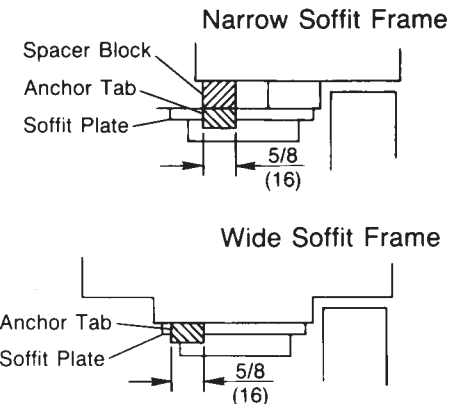


◆ 7788 drop plate mounting holes only



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.

Preparation for Fasteners			
Fasteners	Application	Door or Frame	Drill Sizes
Sex nuts and bolts	Closer, Drop plate	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	Soffit-plate 6190 Bracket	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 B		Dimension A		Dimension B	
		Inches	mm.	Inches	mm.	Inches	mm.	Inches	mm.
85°	90°	14 ³ / ₈	378	15 ¹ / ₈	384	15 ³ / ₈	403	16 ¹ / ₈	410
90°	95°	14	356	14 ¹ / ₄	362	15	381	15 ¹ / ₄	387
95°	100°	13 ³ / ₈	340	13 ⁵ / ₈	346	14 ¹ / ₄	362	14 ¹ / ₂	368
100°	105°	12 ³ / ₄	324	13	330	13 ⁵ / ₈	346	13 ³ / ₈	352
105°	110°	12 ¹ / ₄	311	12 ¹ / ₂	318	13	330	13 ¹ / ₄	337
110°	115°	11 ⁷ / ₈	302	12 ¹ / ₈	308	12 ¹ / ₂	318	12 ³ / ₄	324

* "A" and "B" dimensions measured from centerline of hinge or pivot.
 ** Door must be free to swing up to 5° beyond hold open position.

**Unitrol® with 6191 Reinforcing Kit
 Series UNI-7500 & UNI-7700
 Doors 42"-48" (1.05-1.20m) Wide**

**Parallel Arm Installation Template
 Stop Only or Hold Open Unitrol®
 Backcheck or Delayed Action Door Closer
 With or Without 7788 Drop Plate**



TEMPLATE NUMBER	REV	DATE
7377-1359	3	12/21