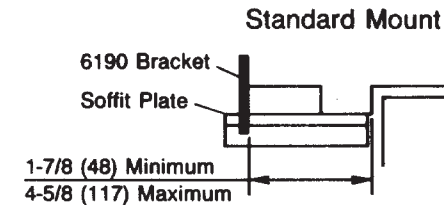


◆ 7788 drop plate mounting holes only



**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°	12¾	324	12⅞	327	13¾	349	13⅞	352
90°	95°	12	305	12⅞	308	12⅞	327	13	330
95°	100°	11½	292	11⅝	295	12¼	311	12⅝	314
100°	105°	10⅞	276	11	279	11⅝	295	11¾	298
105°	110°	10½	267	10⅝	270	11⅞	283	11¼	286
110°	115°	10	254	10⅞	257	10¾	273	10⅞	276

\* "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® Standard Application Series UNI-7500 & UNI-7700**  
**Parallel Arm Installation Stop Only or Hold Open Unitrol®**  
**Backcheck or Delayed Action Door Closer**  
**With or Without 7788 Drop Plate or 6190 Bracket**  
**Doors 33" - 41" (0.85-1.00m) Wide**



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TEMPLATE NUMBER

**7377-1352**

DATE

**07-08**