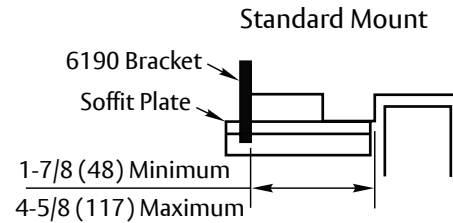


● 488 drop plate mounting holes only



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.
- UNI-1400 and UNI-4410 Series door closers have a hold open arm feature and are not permitted to be used on fire door assemblies.

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	7/32" (5.5 mm)
1/4-20 machine screw		Metal	drill: #7 (.201") 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°	14-7/8	378	15-1/8	384	15-7/8	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	13-7/8	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.

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**UNI-400,UNI-4400 Series Non Hold Open/Stop Arm**  
**UNI-1400,UNI-4410 Series Hold Open/Stop Arm**  
 Closer Sizes 0 Multi-size 1-6 or Sizes 2, 3, 4, 5, or 6  
 Parallel Arm Application with 6190 Bracket for Door 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 488 Drop Plate

Template Number: 7344-1353  
 Sheet: 1 of 1  
 Date: 01/24

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