



#### NOTES:

- Do not scale drawing.
- Left hand door shown.
- Dimensions are in inches (mm).
- Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
- Sex-bolts may be required for wood or plastic faced fire-door mounting.
- Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm).
- UNI3311 and UNI3511 Series 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 and Nut 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" (5.5mm)
		Metal	drill: #7 (.201") tap: 1/4-20
1/4-20 Machine Screw	Optional	All	9/32" (7.00mm) through 3/8" (9.50mm) dia. x 3/8" (9.50mm) deep door face opposite to closer
Through Bolts and Grommet Nuts			

Door Opening Angle		Dimensions			
Hold Open*	Dead Stop	Butts and Offset Pivots		Center Pivots	
		A	B	A	B
85°	90°	7-1/2 (190.5)	12-3/4 (324)	8 (203)	13-1/4 (336.5)
90°	95°	6-3/4 (171.5)	12 (305)	7-3/8 (187.5)	12-5/8 (320.5)
95°	100°	6-1/4 (159)	11-1/2 (292)	6-3/4 (171.5)	12 (305)
100°	105°	5-3/4 (146)	11 (279.5)	6-1/4 (159)	11-1/2 (292)
105°	110°	5-1/4 (133)	10-1/2 (266.5)	5-7/8 (149)	11-1/8 (282.5)
110°	115°	4-7/8 (124)	10-1/8 (257)	5-1/2 (139.5)	10-3/4 (273)

\* Door must be free to swing 5° beyond hold open position.

**3000 Series Door Closer**  
**Models UNI3301, UNI3501, UNI3311, and UNI3511 With or Without 3148 Drop Plate**  
**UNI Stop™ Parallel Arm, Non-Hold Open or Hold Open**  
**Doors 33" - 41" (0.85-1.00m) Wide**

**ACCENTRA**  
**ASSA ABLOY**

TEMPLATE NUMBER	73303-1352	REV	3	DATE	05/24
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