

Notes:

- Do not scale drawing.
- Right hand door shown.
- Dimensions are in inches.
 See conversion chart metric dimensions.

inches	mm.	inches	mm.
1/2	13	3-7/8	98.54
1	25	5-15/16	150.8
1-3/4	44.5	3-13/10	150.6
2-3/4	70	8-1/2	216

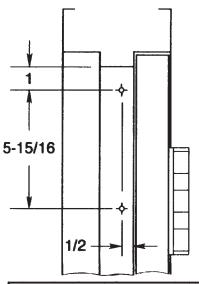
Door swing may be limited by door, frame, wall or hardware conditions.

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.) unless otherwise noted.

Hold Open arm closers without fusiblelink release are not permitted to be used on fire doors.



Top View Typical Installation						
Left Hand Door Right Hand Door						
"S" and "L" Valves Preload Pinion Flat						
Hold-Open Installation Shown						

Fastener	Door or Frame	Drill	
#14 type "A" sheet metal screw	wood	7/32" (5.5mm)	
1/4-20 machine screw	metal	#7 (.201 dia.) or 5.10mm. drill 1/4"-20 tap	
SNB (optional)	hollow-metal	9/32" (7.00mm.) thru 3/8"(9.50mm.) door face opposite to closer	
	aluminum or wood	3/8" (9.50mm.) thru	
TBGN (optional)	all	9/32"(7.00mm.) thru 3/8"(9.50mm.) diameter x 3/8" (10mm.) deep, door face opposite to closer	

1600 or 1600H Series Door Closers
Corner Bracket Application With 1647 Corner Bracket
Non Hold Open or Hold Open Arm
Individually Sized Units 3 and 4 & Multi-size Unit 1-6



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TEMPLATE NUMBER

REV

7316-1149

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