



Do not scale drawing
 Left hand door shown
 Dimensions are in inches
 (mm.)
Caution: 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.
 Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm.) unless otherwise noted.

Opening	Dim. "A"		Dim. "B"	
	inches	mm	inches	mm
To 100°	8-3/4	222	9-3/8	238
101° to 130°	7-1/4	184	7-7/8	200
131° to 150°	6-1/4	159	6-7/8	175
151° to 180°	5-1/4	133	5-7/8	149

Preparation for Fasteners			
Fasteners	To Apply	Door or Frame	Drill Sizes
Sex-nuts and bolts	Closer, drop-plate, 2019L Bracket	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 1/4" (32mm.) type "A" S.M. screws	Special Application Optional	Wood	3/16" (4.30mm.)
		Aluminum	7/32" (5.50mm.)
1/4-20 machine screw	Optional	Metal	drill: #7 (.201" dia.) tap: 1/4-20
Through-bolts and grommet-nuts		All	9/32" (7.00mm.) through; 3/8" (9.50mm.) dia. x 3/8" (10mm.) deep, door face opposite to closer.

**PR7500, PR7500H, PR7700 or PR7700H Series Door Closers
 With 2019L Bracket
 With or Without 7788 Drop Plate
 Parallel Rigid Installation With Non Hold Open or Hold Open**



ASSA ABLOY

www.nortondoorcontrols.com

TEMPLATE NUMBER

7377-0252

DATE

07-08