



Door Opening Angle		Dimensions			
Hold Open ★	Dead Stop	Butts and Offset Pivots		Center Pivots	
		A	B	A	B
85°	90°	5-1/8	10-1/2	5-3/4	11-1/8
90°	95°	4-1/2	9-7/8	5-1/8	10-1/2
95°	100°	4	9-3/8	4-5/8	10
100°	105°	3-5/8	9	4-1/4	9-5/8
105°	110°	3-1/4	8-5/8	3-7/8	9-1/4
110°	115°	2-7/8	8-1/4	3-5/8	9

★ Door must be free to swing 5° beyond hold-open position.

Notes:

Do not scale drawing.

Left hand door shown.

Dimensions are in inches.

Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.

Sex-bolts required for wood or plastic faced fire-door mounting.

Minimum thickness recommended for reinforcements in hollow-metal doors and frames: .1046" (2.66mm).

Follow Conversion Chart for metric dimensions.

Preparation for Fasteners			
Fasteners	Application	Door or Frame	Drill Sizes
Sex nuts and bolts	Closer Drop Plate 2022 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
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

inches	mm.	inches	mm.	inches	mm.
5/16	8	3-5/8	92	9	228.5
1/2	12.5	3-7/8	98.5	9-1/4	235
3/4	19	4	101.5	9-3/8	238
1-1/8	28.5	4-1/4	108	9-5/8	244.5
1-1/2	38	4-1/2	114	9-7/8	251
1-3/4	44.5	4-5/8	117.5	10	254
2-1/2	63.5	5-1/8	130	10-1/2	266.5
2-7/8	73	5-3/4	146	11-1/8	282.5
3	76	8-1/4	209.5	12	305
3-1/4	82.5	8-5/8	219		

**Unitrol® With 2022 Bracket
Series UNI-8300, UNI-8301,
UNI-8500, UNI-8501
Doors 28" - 32" (0.70-0.80m) Wide**

**Parallel Arm Installation Template
Flush Partitions
Stop Only or Hold Open Unitrol®
Backcheck or Delayed Action Door Closer
With or Without 8148 Drop Plate**



ASSA ABLOY

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TEMPLATE NUMBER

7380-1354

DATE

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