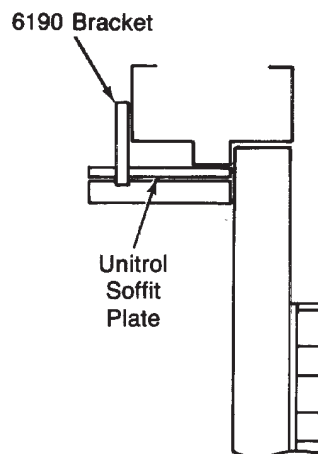


Opening		Dim. A	Dim. B	Dim. C
Hold Open ★	Stop			
85°	90°	10-1/2	8-5/8	9-5/8
90°	95°	9-3/4	8	9
95°	100°	9-1/4	7-1/2	8-1/2
100°	105°	8-7/8	7-1/8	8-1/8
105°	110°	8-1/2	6-3/4	7-3/4
110°	115°	8-1/8	6-3/8	7-3/8

★ 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.

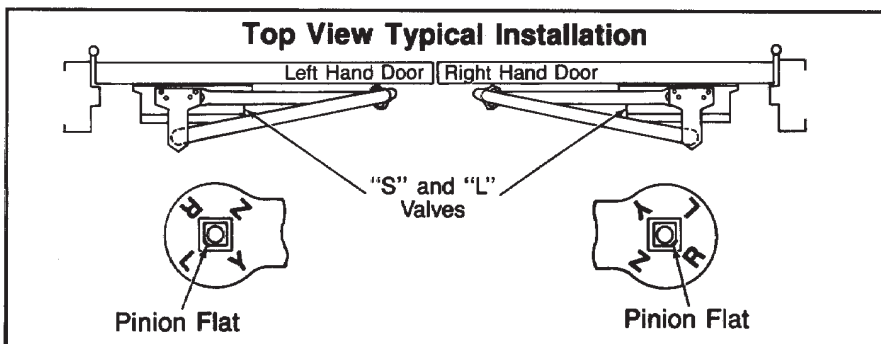
Models with a Hold Open arm suffix are not permitted to be used on fire doors.

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).

Follow Conversion Chart for metric dimensions.

inches	mm.	inches	mm.	inches	mm.
		2-3/4	70	8-1/8	206
3/8	9.5	4	101.5	8-1/2	215.5
7/16	11	4-1/2	114	8-5/8	219
1/2	13	6-3/8	162	8-7/8	225
3/4	19	6-3/4	171.5	9	228.5
1-1/8	28.5	7	178	9-1/16	230
1-1/4	31.5	7-1/8	181	9-1/4	235
1-1/2	38	7-3/8	187	9-5/8	244.5
1-5/8	41	7-1/2	190.5	9-3/4	247.5
1-7/8	47.5	7-3/4	196.5	10-1/2	266.5
2	51	8	203		



Fastener	Frame	Door	Drill
1/4-20 machine screw	metal	none	#7 (.201" dia.) or 5.10mm. drill. 1/4-20 tap
#14 type "A" sheet metal screw	wood	none	7/32" (5.5mm)
SNB	none	hollow-metal	9/32" (7.00mm.) thru 3/8" (9.50mm.) door face opposite to closer
		aluminum or wood	3/8" (9.50mm.) thru

UNI-1600 or UNI-1600H Series Unitrol Door Closers
 Parallel Arm Application for Doors 28" to 32" (0.70-0.80m) Wide
 With Standard 6190 Bracket & With or Without 1688 Drop Plate
 Non Hold Open or Hold Open Arm - All Arms With Spring Cushioned Stop
 Individually Sized Units 3 and 4 & Multi-size Unit 1-6



ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7316-2354	4	12/21