



Notes:

- Do not scale drawing.
- Left hand door shown.
- Dimensions are in inches and millimeters.

Opening	Dim. A
To 100°	7-1/2 (191)
101° to 120°	6 (152)
*121° to 180°	3-1/2 (89)
*Door/Wall/Hardware Conditions Permitting	

Hold Open Arms without Fusible Link Release are not permitted to be installed on fire doors.

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.

Fastener Chart			
	Fasteners	Door or Frame	Drill Sizes
			Standard
		Wood	7/32"(5.54mm.)
Optional	Sex nuts and bolts	Hollow Metal	9/32"(7.00mm.) through 3/8"(9.5mm.) door face opposite to closer
		Aluminum or Wood	3/8"(9.50mm.) through
	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

(TJ) 2300 Series Non Hold Open Door Closer
 (TJ) 2310 Series Hold Open Door Closers
Top Jamb Application
 Closer Sizes 2, 3, 4 and 5

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