

⌀ Hinge or Pivot

Opening	Dimension "A"
To 100°	7 (178)
101° to 120°	6 (152)
over 120°	3-1/2 (89)

NOTES:

1. Do not scale drawing.
2. Right hand door shown.
3. Dimensions given in inches (millimeters).
4. Door swing may be limited by door, frame, wall or hardware conditions.
5. Hollow metal doors require channel or box type reinforcement when thru-bolt mount is specified.
6. Sleeve nuts and bolts may be required for wood or plastic faced fire door mounting.
7. Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.6mm) unless otherwise noted.
8. Hold open arm door closers are not permitted to be used on fire doors.

Position of Arm and Pinion Flat		Fastener	Door or Frame	Drill
<p>Right Hand Door</p> <p>"S" and "L" Valves</p> <p>Holder Adjustment Nut DOWN</p> <p>Preload</p> <p>Pinion Flat</p> <p>Arm Mark</p> <p>Hold Open Installation Shown</p>	<p>Left Hand Door</p> <p>"S" and "L" Valves</p> <p>Holder Adjustment Nut DOWN</p> <p>Preload</p> <p>Pinion Flat</p> <p>Arm Mark</p> <p>Hold Open Installation Shown</p>	#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

51 Series Door Closers
Models 51 and 151
Regular Arm Application, Non-Hold Open or Hold Open
Multi-size Unit 1-6

ACCENTRA
ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7350-1102	3	05/24