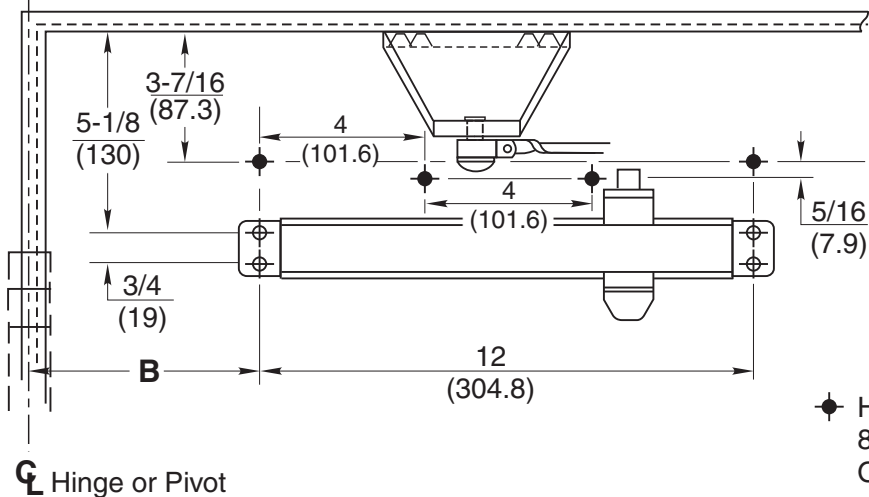
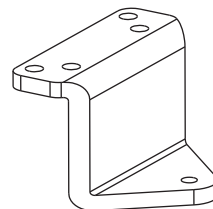
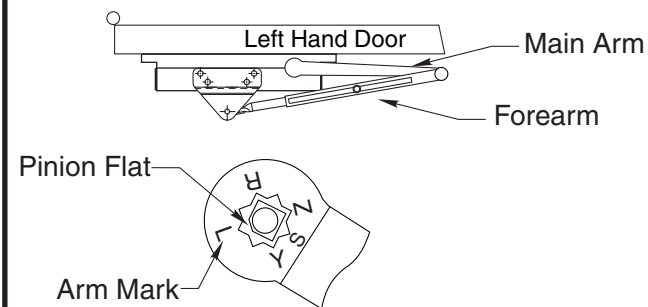
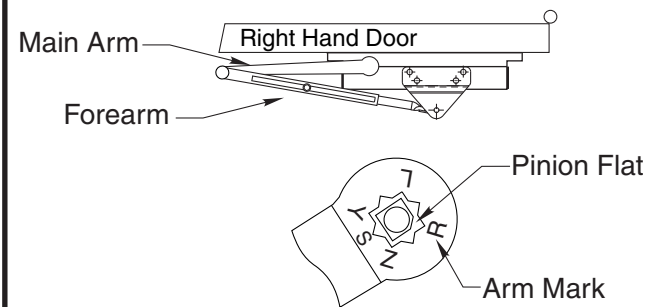


Opening	Dimension A		Dimension B	
	inches	mm	inches	mm
To 120°	9-1/2	241	3-3/4	95
Over 120° *	7	178	1-1/4	32

* Door openings to 180° conditions permitting



Position of Arm Mark and Pinion Flat



Notes:

- Do not scale drawing.
- Left hand door shown.
- Dimensions are in inches (mm).
- 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.

**P8000 Series Door Closer With SP2018S Special Bracket And With Or Without 8148/8158 Drop Plate
Parallel Non Hold Open Arm With Offset Plate Application
Series P8100, P8300, And P8500
Door Closer Size 1(Multi-size 1 Thru 6) Or Individually Sized 2, 3, 4, 5 Or 6**

Norton

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TEMPLATE NUMBER

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DATE

09-08