

858 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:

- Hardened pins and bushing at all pivot points for long lifecycle
- Large, solid clamping arm is easily modified to suit application requirements
- Sensor ready for round or T-slot style sensors

Applications:

- Assembly
- Welding

Also Available:

See page MC-PSC-38 for sensing options

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Technical Information | Holding Capacities

Model	Maximum Holding Capacity		Max. Exerting Force @ 5 bar [72 PSI]		Weight	Bore Size	Air Consumption† dm ³ [ft ³]	Port Size
	Inner	Outer	Inner	Outer				
858	[4000 lbf] 17800 N	[2000 lbf] 8900 N	[1530 lbf] 6857 N	[800 lbf] 3585 N	[16.11 lbs] 7.31 kg	[2.48] 63	[0.109] 3,08	1/4 NPT G-1/4

†Per double stroke at 5 bar [72 PSI]

Max Cylinder Pressure: 10bar [145psig]*

Max Operating Temp: -10°C to 90°C [-14°F to 194°F]

Replacement Seal Kit: 850450-63-1-00

Replacement Clamp Assembly: 858-LC

Replacement Cylinder Assembly: 858CYL

*In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp's holding capacity. See Technical Appendix Section for details.

Sensor Accessories

	Item Number
Round Reed Switch with Quick Disconnect	810169
T-slot Reed Switch with Quick Disconnect	8EA-109-1
Quick Disconnect 2M Extension Cable	CABL-010
Quick Disconnect 5M Extension Cable	CABL-013

See Pneumatic Accessories section for more options

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Pneumatic Toggle Clamps | Dimensions | -E

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