

807 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:

- Pneumatic version of Series 207 manual clamps
- Sensor ready for round or T-slot sensors.
- Built-in flow restriction eliminates need for external flow controls
- Optional handle version allows for manual operation during setup and positioning (U-bar only)

Applications:

- Assembly
- Welding

Also Available:

See page MC-ACC-1 for spindle accessories

See page MC-PSC-38 for sensing options

807-U
807-UE



807-UH
807-UEH



807-S
807-SE



Technical Information | Holding Capacities

Model	Maximum Holding Capacity		Maximum Exerting Force @ 5 bar [72 PSI]		Weight	Bore Size	Air Consumption† dm³ [ft³]	Port Size	Accessories (Supplied)		
	Inner	Outer	Inner	Outer					Spindle Accessory	Flanged Washers	Bolt Retainer
807-U								1/8 NPT	--	507107	--
807-UH	[375 lbf]	[275 lbf]	[576 lbf]	[297 lbf]	[1.66 lbs] 0,75 kg	[1.26] 32	[0.015] 0,42	G-1/8			
807-UE	1670 N	1220 N	2573 N	1327 N					2007208-M		
807-UEH											
807-S	[500 lbf]	[260 lbf]	[540 lbf]	[180 lbf]				1/8 NPT	--	--	207105
807-SE	2220 N	1160 N	2412 N	804 N				G-1/8			

†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: 802450-32-1-00

Replacement Clamp Assembly: 807-U-LC, 807-S-LC

Replacement Cylinder Assembly: 807CYL

*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 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

807 SERIES

Pneumatic Toggle Clamps | Dimensions | -U/-UE/-UH/-UEH/-S/-SE

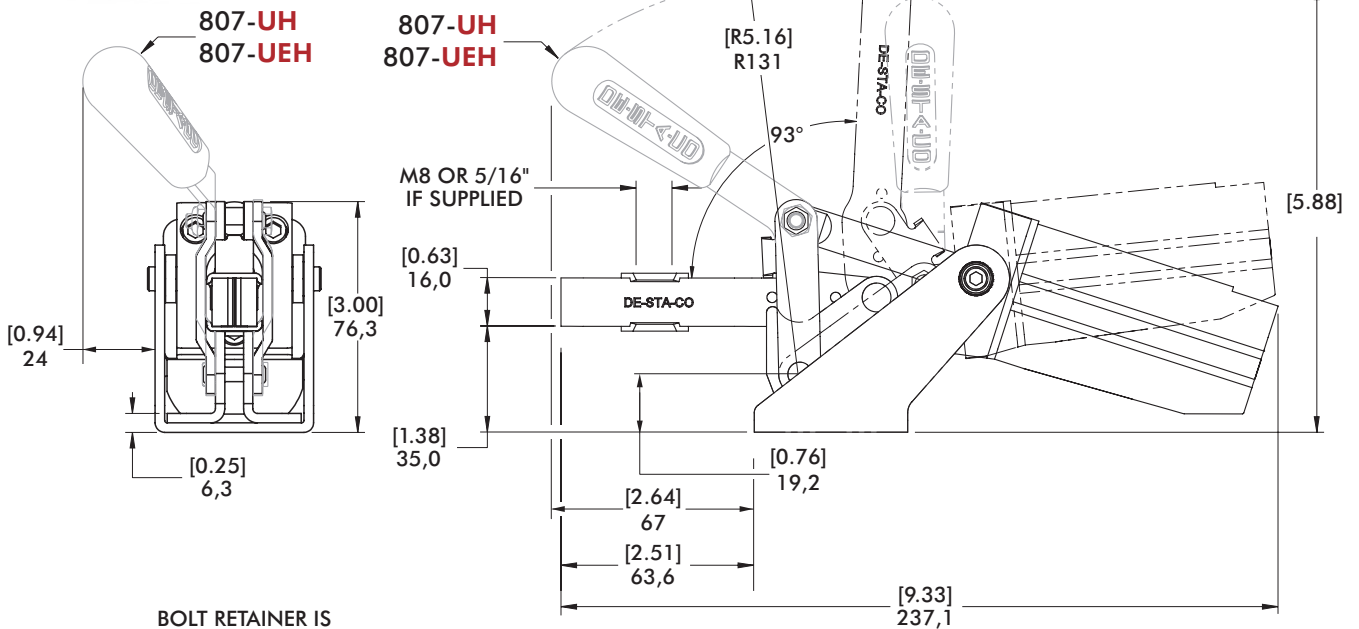
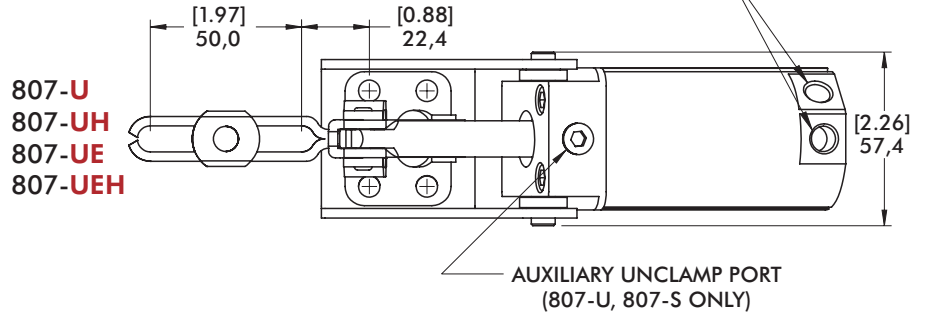
807-U
807-UE



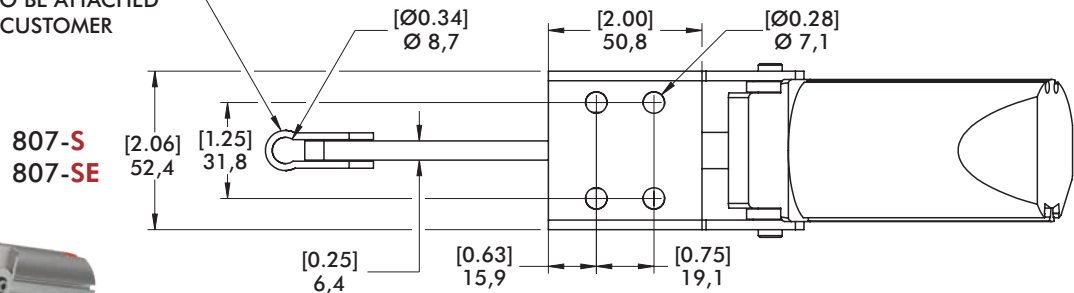
802-UH
802-UEH



807-U / 807-UH / 807-S 1/8" NPT
807-UE / 807-UEH / 807-SE G-1/8



BOLT RETAINER IS
SUPPLIED LOOSE AND
NEEDS TO BE ATTACHED
BY CUSTOMER



807-S
807-SE

