**810 SERIES**

Pneumatic Toggle Clamps | Product Overview

**Features:**
- Pneumatic version of Series 210 manual clamps
- Sensor ready for round or T-slot style sensors
- Built-in flow restriction eliminates need for external flow controls

**Applications:**
- Assembly
- Welding

**Also Available:**
- See page MC-ACC-1 for spindle accessories
- See page MC-PSC-38 for sensing options

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**Technical Information | Holding Capacities**

<table>
<thead>
<tr>
<th>Model</th>
<th>Inner</th>
<th>Outer</th>
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<th>Outer</th>
<th>Weight</th>
<th>Bore Size</th>
<th>Air Consumption†</th>
<th>Port Size</th>
<th>Spindle Accessory</th>
<th>Flanged Washers</th>
<th>Bolt Retainer</th>
</tr>
</thead>
<tbody>
<tr>
<td>810-U</td>
<td>600 lbf</td>
<td>2670 N</td>
<td>290 lbf</td>
<td>1290 N</td>
<td>856 lbf</td>
<td>3834 N</td>
<td>[0.029] 0.83</td>
<td>1/8 NPT</td>
<td>G-1/8</td>
<td>240208-M</td>
<td>235106</td>
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<tr>
<td>810-UE</td>
<td>500 lbf</td>
<td>2220 N</td>
<td>702 lbf</td>
<td>3143 N</td>
<td>1823 N</td>
<td>40</td>
<td>[1.57]</td>
<td>1/8 NPT</td>
<td>G-1/8</td>
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<td>210114</td>
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<tr>
<td>810-S</td>
<td>3340 N</td>
<td>750 lbf</td>
<td>3240 N</td>
<td>1823 N</td>
<td>1290 N</td>
<td>40</td>
<td>[0.029] 0.83</td>
<td>1/8 NPT</td>
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†Per double stroke at 5bar [72PSI]

**Max Cylinder Pressure:** 10bar [145psig]*
**Max Operating Temp:** -10°C to 90°C [-14°F to 194°F]
**Replacement Seal Kit:** 810450-40-1-00
**Replacement Clamp Assembly:** 810-U-LC, 810-S-LC
**Replacement Cylinder Assembly:** 810CYL

*In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp’s holding capacity.

**Sensor Accessories**
- 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
810 Series
Pneumatic Toggle Clamps | Dimensions

810-U
810-UE

810-S
810-SE

Dimensions and technical information are subject to change without notice.