**FEATURES AND BENEFITS**

- Jaws are T-Slot bearing supported to prevent jaw breakage and offer superior load bearing performance.
- Spreading jaws and Ejector jaws have independent pistons to provide exact timing of O-ring placement.
- Compact design with long adjustable stroke.
- True parallel jaw motion for easy tooling.
- Hole through center facilitates part seating and ejection.
- Available in Imperial only.

**SPECIFICATIONS**

**Design:** Parallel, Double Acting, Synchronized Sealed Jaws

**Stroke:**
- Spread: 1.10 in. adj. [27.9 mm]
- Ejecting: 0.55 in [13.9 mm]

**Gripping Force Per Jaw @ 80 PSI [5.5 BAR]:**
- Spreading Jaw: 200 lbs [889 N]
- Ejector Jaw: 310 lbs [1378 N]

**Time:**
- Close: 0.2 sec [0.2 sec]
- Open: 0.2 sec [0.2 sec]

**Pressure Range:**
- Low/High: 30-100 PSI [2-7 BAR]

**Temperature Range:**
- Low/High: -20°/180°F [-28°/80°C]

**Side Play:**
- ± 0.001 [0.03 mm]
- Repeatability from center: ±.002 [0.06 mm]

**Loading Capacity:**

<table>
<thead>
<tr>
<th></th>
<th>Static</th>
<th>Dynamic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Tensile T</td>
<td>100 lbs [445 N]</td>
<td>30 lbs [130 N]</td>
</tr>
<tr>
<td>Max Compressive C</td>
<td>100 lbs [445 N]</td>
<td>30 lbs [130 N]</td>
</tr>
<tr>
<td>Max Moment Mx</td>
<td>200 in/lb [22 Nm]</td>
<td>50 in/lb [6 Nm]</td>
</tr>
<tr>
<td>Max Moment My</td>
<td>230 in/lb [23 Nm]</td>
<td>60 in/lb [6 Nm]</td>
</tr>
<tr>
<td>Max Moment Mz</td>
<td>200 in/lb [22 Nm]</td>
<td>50 in/lb [6 Nm]</td>
</tr>
</tbody>
</table>

**Material:** High Strength, Hard Coated aluminum bronze alloys, Steel

**Weight:** 8 lbs [3.6 Kg]

**January 2009 - PATENTED** Made in the USA

**HOLDING FORCES CHART**

**LOADING INFORMATION**

**WARNING!** Do not exceed tooling jaw length. See Chart above.

**LOOK!** More Technical specifications for sensors on “Sensors Accessories” page.

**HOW TO ORDER**

When ordering, please specify:

- Design/Model Number and Options.
- SENSOR TYPE*
  1 = NPN
  2 = PNP

- SENSOR OPTIONS
  1 = JAW OPEN
  2 = EJECTOR DOWN
  3 = BOTH

- SENSOR CONNECTOR
  1 = POTTED
  2 = QUICK DISCONNECT
  3 = QUICK DISCONNECT WITH RIGHT ANGLE

*NOTE: Proximity sensors are 6.5 mm smooth barrel, 12-30 VDC, 50 mA and comes with 2 meter cable.

Sensor Part # SNC06, SNQ06, SPC06, SPQ06
Basic operating instructions

1 Eject air port
2 Jaw close air port
3 Jaw open air port
5 Stroke adjustment screw
6 Adjustment screw lock

To adjust stroke, first loosen adjustment screw locks [marked #6] 2 places. Next, drive adjustment screws [marked #5] down to shorten stroke or back out to lengthen. Adjust both screws equally. Complete the adjustment by locking both (#6) adjustment screw locks.