HOLD DOWN SNAP CLAMPS - STANDARD


To set the handle for recommended clamping position, move the handle to the clamping position and then set the spindle to contact the work piece. (Fig. 1)
Adjust the spindle by about half of the clamping range and then tighten the nuts on the spindle for locking. (Fig. 2)

These snap clamps use a unique snap-on system to provide uniform and positive clamping in one smooth operation. As the handle is moved forward, the internal mechanism works to build tension. At a specified point, the tension is released and transformed into clamping force. This allows uniform clamping force with every cycle. The one piece body offers excellent durability and will not become weak or unstable after repeated use like traditional toggle clamps. Supplied with steel spindle. Urethane tip styles are available. The body and clamping arm are made from alloy steel with black finish. The handle is chrome plated steel with plastic knob. Extension arms, mounting brackets and angle handle adaptors are available on the following pages. The stated clamping forces and handle operating loads can vary by $+/-20 \%$. When the reaction force exceeds the stated clamping force, the clamp will release.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  | Max |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part\# | A $\mathrm{mm}$ | $\underset{\mathrm{mm}}{\mathrm{~B}}$ | $\underset{\text { mm }}{\text { C }}$ | $\underset{\mathrm{mm}}{\mathrm{D}}$ | $\begin{gathered} \mathrm{E} \\ \mathrm{~mm} \end{gathered}$ | $\underset{\mathrm{mm}}{\mathrm{~F}}$ | $\underset{\mathrm{mm}}{\mathbf{G}}$ | $\underset{\text { mm }}{\mathrm{H}}$ | $\underset{\mathrm{mm}}{\mathrm{~J}}$ | $\underset{\text { mm }}{\mathrm{K}}$ | $\begin{gathered} \mathrm{L} \\ \mathrm{~mm} \end{gathered}$ | M mm | $\underset{\mathrm{mm}}{\mathrm{~N}}$ | $\begin{gathered} \mathbf{P} \\ \mathrm{mm} \end{gathered}$ | $\begin{gathered} 0 \\ \mathrm{~mm} \end{gathered}$ | $\begin{gathered} \mathrm{R} \\ \mathrm{~mm} \end{gathered}$ | $\underset{\mathrm{mm}}{\mathrm{~S}}$ | $\underset{\mathrm{mm}}{\mathrm{~T}}$ | $\underset{\text { mm }}{\text { V }}$ |
| QLSND28-02 | 20 | 6 | 17 | 43 | 88 | 10 | 5 | 40 | 28 | 10 | 31 | 3 | 5.3 | 140 | 46 | 5.3 | 65 | 10 | 38.5 |
| QLSND28-05 | 20 | 6 | 17 | 43 | 88 | 10 | 5 | 40 | 28 | 10 | 31 | 3 | 5.3 | 140 | 46 | 5.3 | 65 | 10 | 38.5 |
| QLSND30-03 | 20 | 8 | 22.5 | 48.5 | 98 | 12 | 6 | 42 | 30 | 10 | 32.5 | 6 | 6.4 | 158 | 53 | 5.3 | 75 | 12 | 38.5 |
| QLSND30-06 | 20 | 8 | 22.5 | 48.5 | 98 | 12 | 6 | 42 | 30 | 10 | 32.5 | 6 | 6.4 | 158 | 53 | 5.3 | 75 | 12 | 38.5 |
| Part\# | Clamping Range mm |  | Spindle W mm |  | Handle Operating Load lbs |  | Clamping Force Ibs |  |  |  |  |  |  |  |  |  |  |  |  |
| QLSND28-02 | 3 |  | M5-35L |  | 1.35 |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |
| QLSND28-05 | 3 |  | M5-35L |  | 2.70 |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |
| QLSND30-03 | 3 |  | M5-35L |  | 1.35 |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
| QLSND30-06 | 3 |  | M5-35L |  | 2.70 |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |

