**One-Touch Fastener - Cam Locking - Retract**

quarter turn - t-handle grip - plastic

**Material**
Body: steel, nickel plated.
Shank: steel, nickel plated.
Pin: stainless steel, SUS304.
Knob: polyamide, black.
Spring: stainless steel.

**Technical Notes**
One-touch fasteners are the ideal solution for applications requiring rapid and recurring change over of tooling or set ups. Use in applications as diverse as bottling processes, machine covers, changing of cogs and dive belts. One-touch fasteners provide a quick, simple and secure change over solution - no time waste in unfastening screws or other permanent fixings, and no opportunity for lost fixings in your machinery.

Temperature resistant to 130°C.

**Important Notes**
One-touch fastener offers full retraction of clamping shank when part is unlocked, this offers the benefit of enabling panels to be slid into position - especially useful with larger or oversized panels, and enables its use on sliding or linear rail applications to provide positive location and clamping of parts.

**Actuation:**
- Turn handle to off position, and ensure the shank is fully retracted.
- Place or slide the over in place and position over the locating bush.
- Turn handle to on position for clamping, an audible click is heard when fully clamped.
- To release, turn handle back to off position, the shank is fully retracted into clamp body assisted by the return spring.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Single panel thickness</th>
<th>d₁</th>
<th>d₂</th>
<th>d₃</th>
<th>d₄</th>
<th>d₅</th>
<th>d₆</th>
<th>l₁</th>
<th>l₂</th>
<th>h₁</th>
<th>h₂</th>
<th>h₃</th>
<th>Clamping force N</th>
<th>Shear strength N</th>
<th>Tensile strength N</th>
</tr>
</thead>
<tbody>
<tr>
<td>33946.W1005</td>
<td>6-10</td>
<td>5</td>
<td>14</td>
<td>25</td>
<td>25</td>
<td>21</td>
<td>M2x0,4</td>
<td>15.5</td>
<td>5.5</td>
<td>20</td>
<td>6.5</td>
<td>60</td>
<td>1800</td>
<td>1200</td>
<td>40</td>
</tr>
<tr>
<td>33946.W1408</td>
<td>6-14</td>
<td>8</td>
<td>8</td>
<td>18</td>
<td>34</td>
<td>28</td>
<td>M3x0,5</td>
<td>17</td>
<td>5.5</td>
<td>38</td>
<td>36.5</td>
<td>10</td>
<td>90</td>
<td>3200</td>
<td>400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fitting</th>
<th>Single panel thickness mm</th>
<th>d₇</th>
<th>d₈</th>
<th>d₉</th>
<th>d₁₀</th>
<th>dₚ</th>
</tr>
</thead>
<tbody>
<tr>
<td>33946.W1005</td>
<td>Flush</td>
<td>6</td>
<td>14</td>
<td>-</td>
<td>4.4</td>
<td>2.4</td>
</tr>
<tr>
<td>33946.W1005</td>
<td>Recessed</td>
<td>6 to 10</td>
<td>14</td>
<td>26</td>
<td>4.4</td>
<td>2.4</td>
</tr>
<tr>
<td>33946.W1408</td>
<td>Flush</td>
<td>6</td>
<td>18</td>
<td>-</td>
<td>6.5</td>
<td>3.4</td>
</tr>
<tr>
<td>33946.W1408</td>
<td>Recessed</td>
<td>6 to 10</td>
<td>18</td>
<td>35</td>
<td>6.5</td>
<td>3.4</td>
</tr>
</tbody>
</table>
One-touch fasteners - alternatives to screws

Installation and removal of conveyor sub assemblies
Changes of star wheels and guide plates
Installation and removal of panels or covers
Change of shooters or production guides

Easy! Secure! For quick changeover with no tools!

0845 26 66 577 info@wixroyd.com
One-touch change over

Installation and removal of rotary blades and changes of shooters

Changes of star wheels and guide plates

Changes of pusher and changes of chuck handling machines
Operating Principle

1. The shank retracts at the unclamping position to enable operations without interference with the base panel.

2. When the pin contacts along the cam surface in the cam receptacle, the spring gets compressed to press down the panel.

Operating Instructions

1. Ensure that the knob is positioned at the “OFF” mark and the pin is retracted.

2. Locate the cam receptacle directly under the fastener. Insert retracted pin by pressing the knob down.

3. Turn the knob to the “ON” mark for clamping. The knob clicks when clamped. Turning the knob to the “OFF” position, the pin returns automatically to the unclamping position.
Installation Dimensions

Installation Best Practice

Machining accuracy
Spacing tolerance on both the sub panel and the base panel should be ±0.04.

Repeatability
For highly accurate locating, use locating pins 36340 or 36341. Repeatability of ±0.1 is achievable.
Applications

Changes of fixture plates

Lock for doors

Adjustment of workpiece guides

One-Touch Fastener - Cam Locking - Retract

Applications

wixroyd.com