One-Touch Fastener - Ball Clamping
push button lock - button handle - stainless

Material
Body: stainless steel SUS303
Ball: stainless steel SUS440
Spring: stainless steel SUS304
O-Ring: fluororubber

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 wasted in unfastening screws or other permanent fixings, and no opportunity for lost fixings in your machinery. Temperature resistant to 180°C.

Tips
Used in conjunction with pin 33923.
For highly accurate locating, use locating pins 36340 & 36341

Important Notes
Suitable for panel/enclosures of 3 to 10mm thickness.
Used in conjunction with pin 33923.
Tensile strength stated is for locked position/state of fastener.

Actuation:
- Engage clamp over pin, no need to push button, a positive “click” is heard.
- Securing balls are locked and panel fastened.
- To release: while pushing down on release button, lift panel from pin-panel is released.

### Order No.
<table>
<thead>
<tr>
<th>For single panel thickness</th>
<th>For Pin Ø</th>
<th>d₁</th>
<th>d₂</th>
<th>d₃</th>
<th>d₄</th>
<th>d₅</th>
<th>h₁</th>
<th>h₂</th>
<th>h₃</th>
<th>l₁</th>
<th>a/f</th>
<th>Clamping force (N)</th>
<th>Shear strength (N)</th>
<th>Tensile strength (N)</th>
<th>g</th>
</tr>
</thead>
<tbody>
<tr>
<td>33924.W1006</td>
<td>3-10</td>
<td>6</td>
<td>M16x1,0</td>
<td>11</td>
<td>32</td>
<td>19</td>
<td>6</td>
<td>23</td>
<td>15,5</td>
<td>8,5</td>
<td>9,5</td>
<td>17</td>
<td>6</td>
<td>1100</td>
<td>250</td>
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</tbody>
</table>

### Fitting
<table>
<thead>
<tr>
<th>Fitting</th>
<th>Single panel thickness mm</th>
<th>t₁ ±0.2</th>
<th>m</th>
</tr>
</thead>
<tbody>
<tr>
<td>33924.W1006</td>
<td>Flush</td>
<td>3 to 10</td>
<td>3 to 10</td>
</tr>
</tbody>
</table>
Operating Principle

Four ball bearings clamp onto the clamping pin (33923), the wedge shape of the pin draws the panels together during clamping.

Operating Instructions

1. Engage clamp over pin, no need to push button, a positive “click” is heard.
2. Securing balls are locked and panel fastened.
3. To release; while pushing down on release button, lift panel from pin - panel is released.
**Installation Dimensions**

For 3 to 10mm-thick panel:

- \( h = 0, 4, 5, 6, 7 \)
- Spacing tolerance ±0.1

For over 10mm-thick panel:

- \( \Omega_{19} \)
- Spacing tolerance ±0.1

**Installation Best Practice**

### Panel tolerances

Spacing tolerance on both the sub panel and the base panel should be ±0.1.

### Repeatability

For highly accurate locating, use locating pins 36340 or 36341. Repeatability of ±0.25 is achievable.

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One Touch Fastener Applications

Changes of trays and containers on conveyors

Securing sliding elements such as drawers
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!
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

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