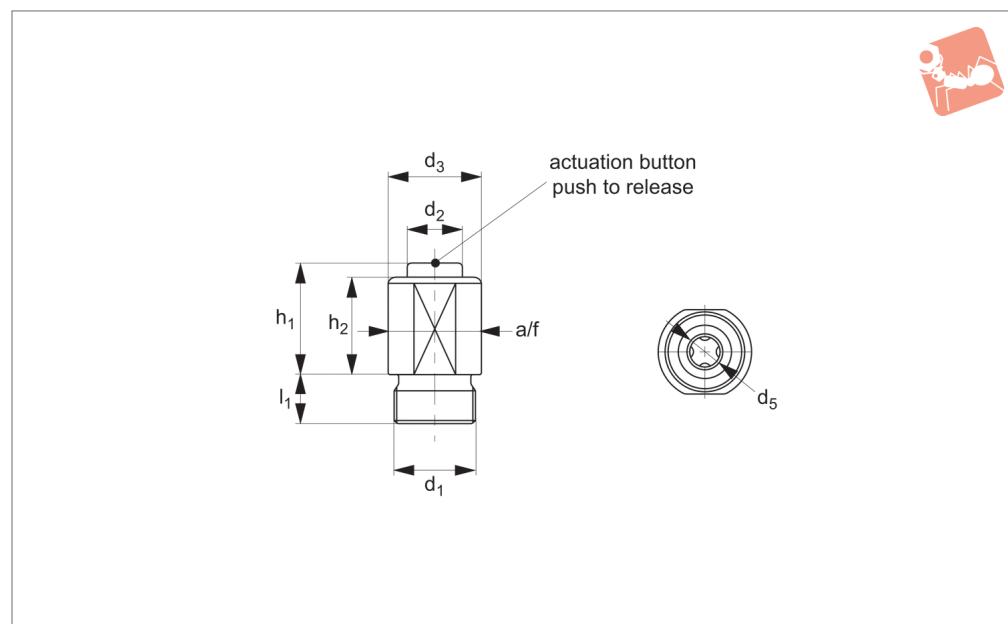




One-Touch Fastener - Ball Clamping

push button lock - straight body - stainless

One Touch
Fasteners



33925

ONE TOUCH FASTENERS

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 drive 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.

Important Notes

Suitable for pannel/enclosures of 3 to 27mm thickness. Used in conjunction

with pin 33923. Tensile strength stated is for locked position/state of fastener.

Actuation:

-To lock; engage clamp over pin, no need to push button, a positive „click“ is heard.

-Securing balls are locked and panel fastened.

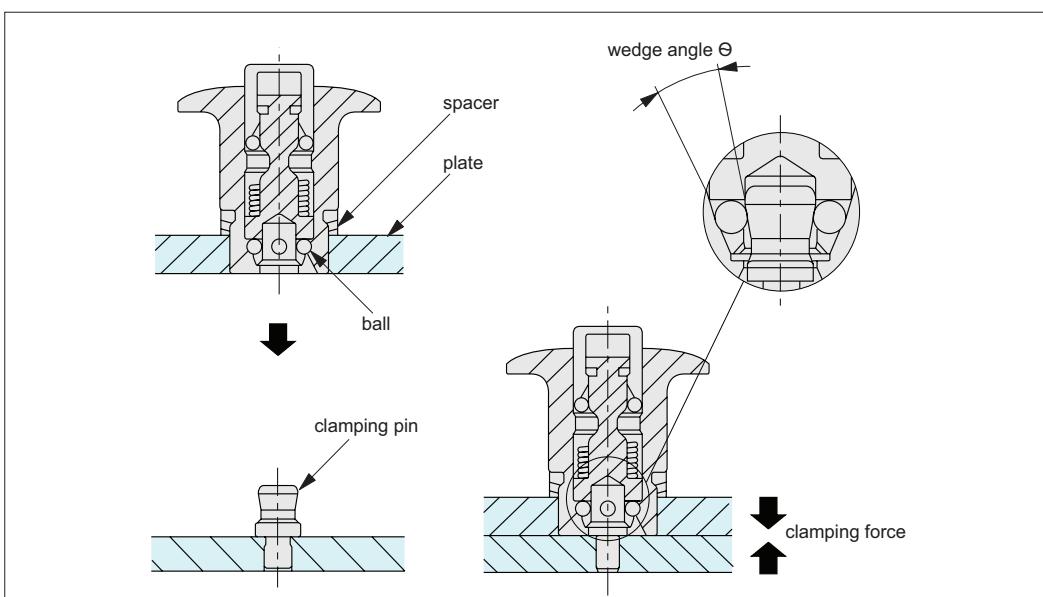
-To release; while pushing down on release button, lift panel from pin- panel is released.

Order No.	For single panel thickness	For pin dia.	d_1	d_2	d_3	d_5 +0.4 +0.2	h_1	h_2	l_1	A/F	Clamping force N	Shear strength N	Tensile strength N	Weight g
33925.W2706	3-27	6	M16x1,0	11	19	6	23	19.5	9.5	17	6	1100	250	50



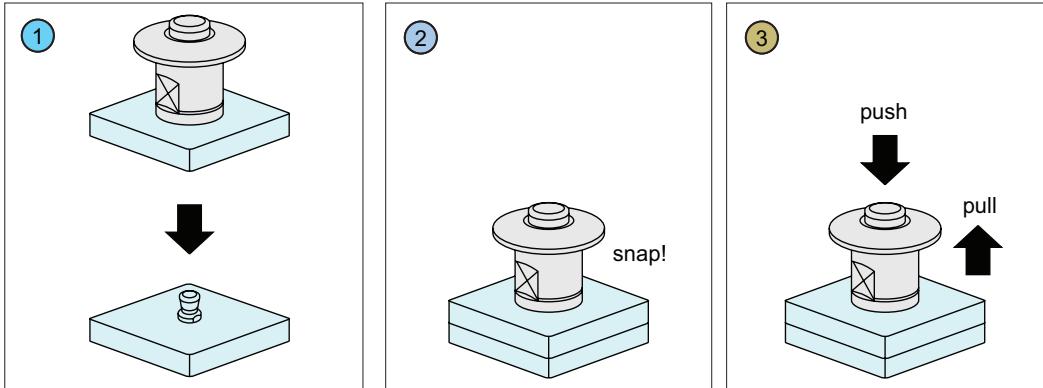
Operating Principle

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



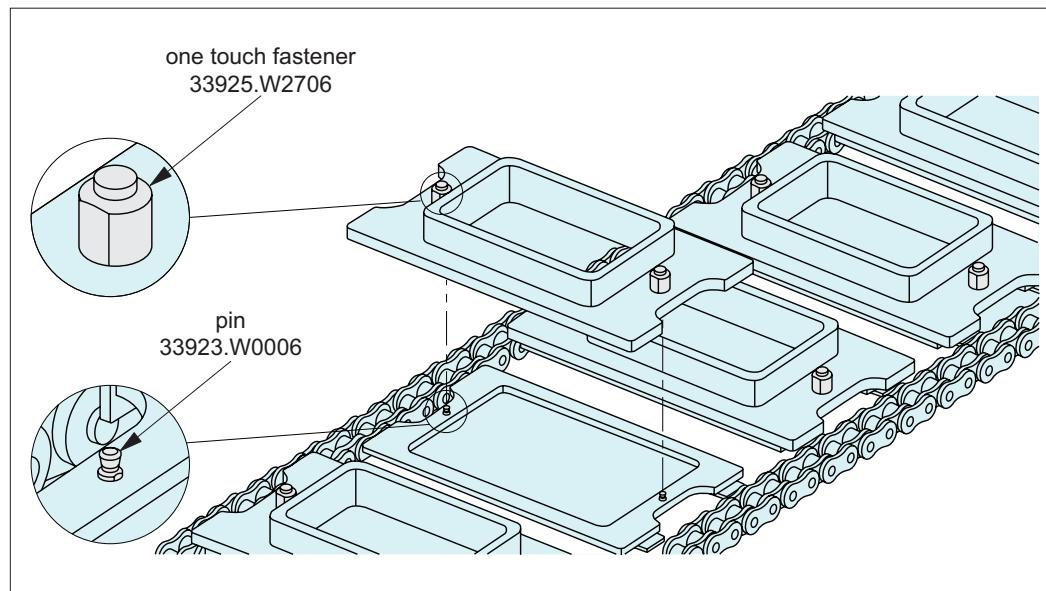
Operating Instructions

- 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.



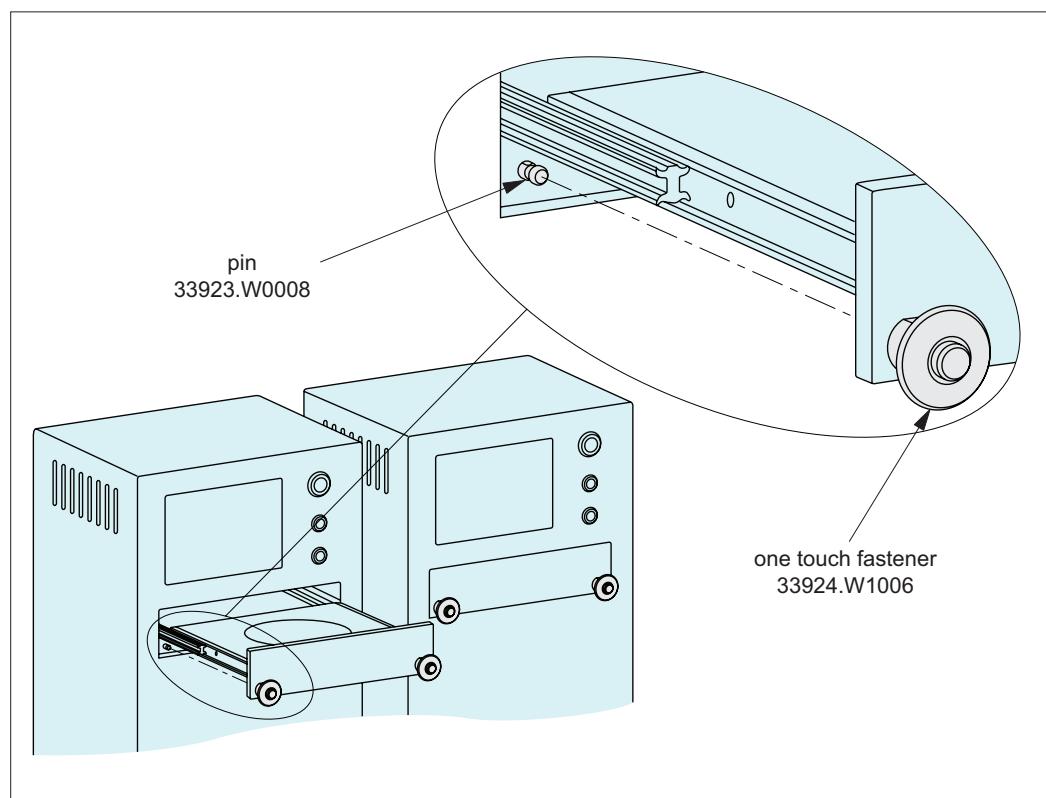


One Touch Fastener Applications



Changes of Trays and Containers on Conveyers

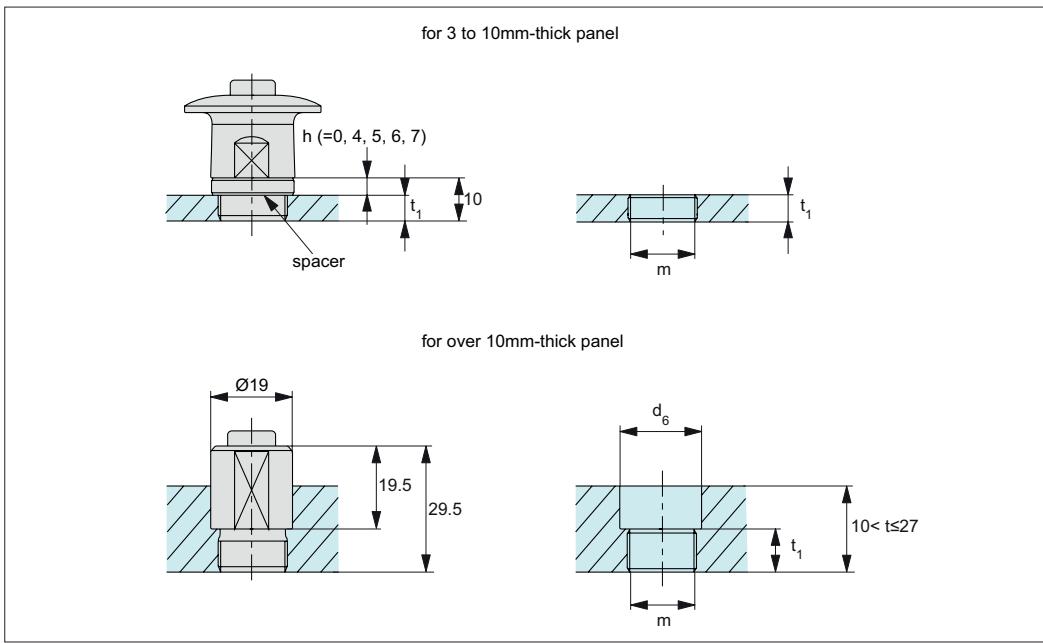
ONE TOUCH FASTENERS



Securing Sliding Elements Such as Drawers



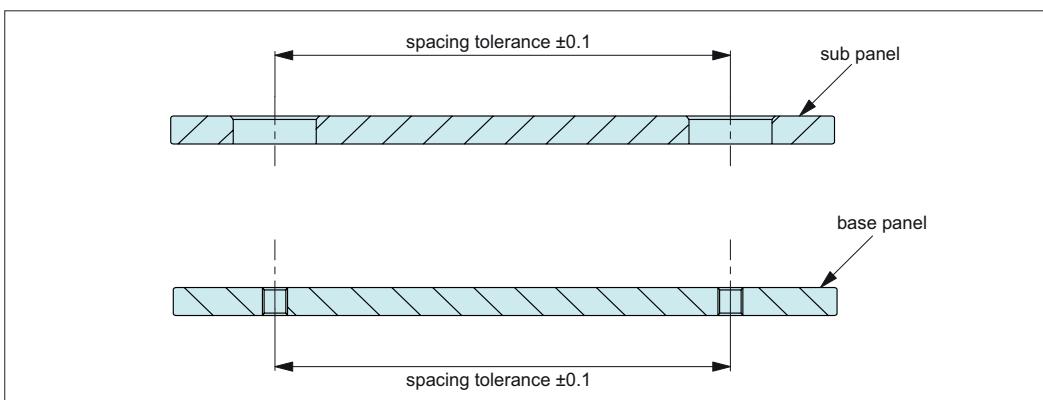
Installation Dimensions



Installation Best Practice

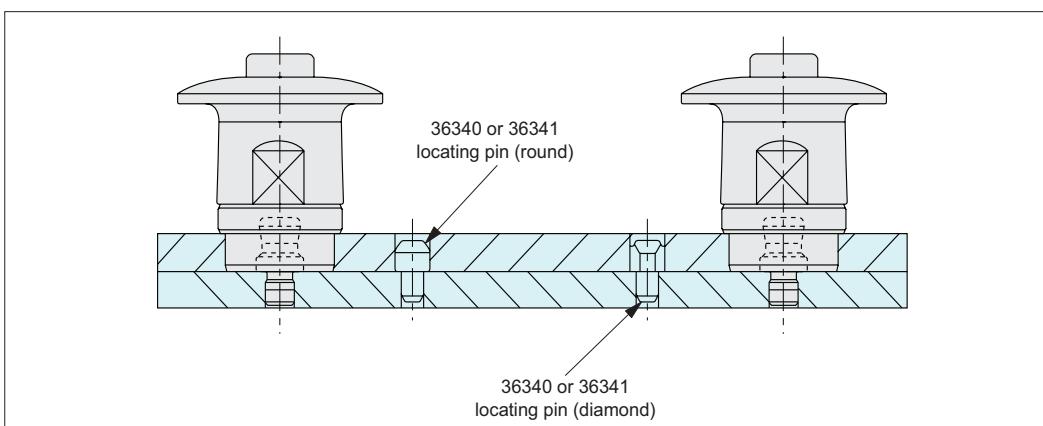
Panel Tolerances

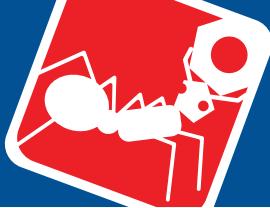
Spacing tolerance on both the sub panel and the base panel should be ± 0.1 .



Repeatability

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



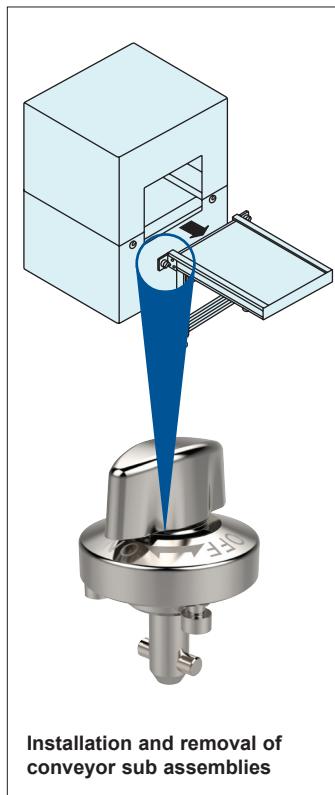


One-Touch Fasteners for Frequent Set-Ups

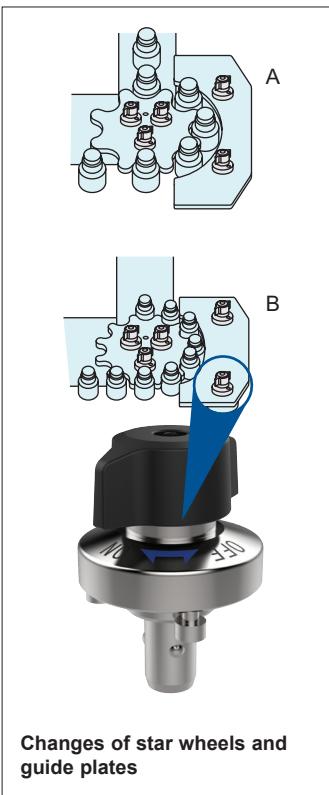
33910 - 33956

Positioning Elements

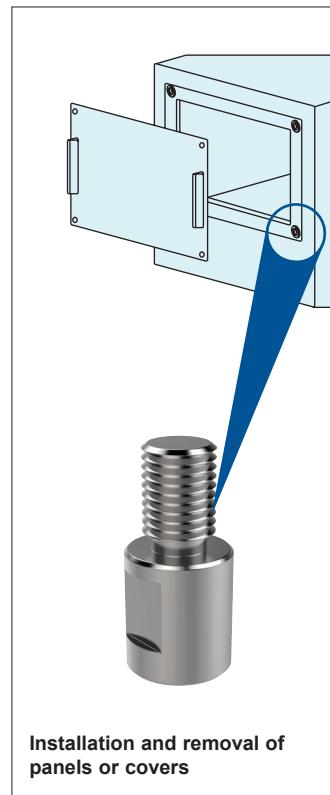
One-Touch Fasteners - Alternatives to Screws



Installation and removal of conveyor sub assemblies



Changes of star wheels and guide plates



Installation and removal of panels or covers



Change of shoots or production guides

ONE TOUCH FASTENERS

Easy & Secure! For Quick Changeover with No Tools!

