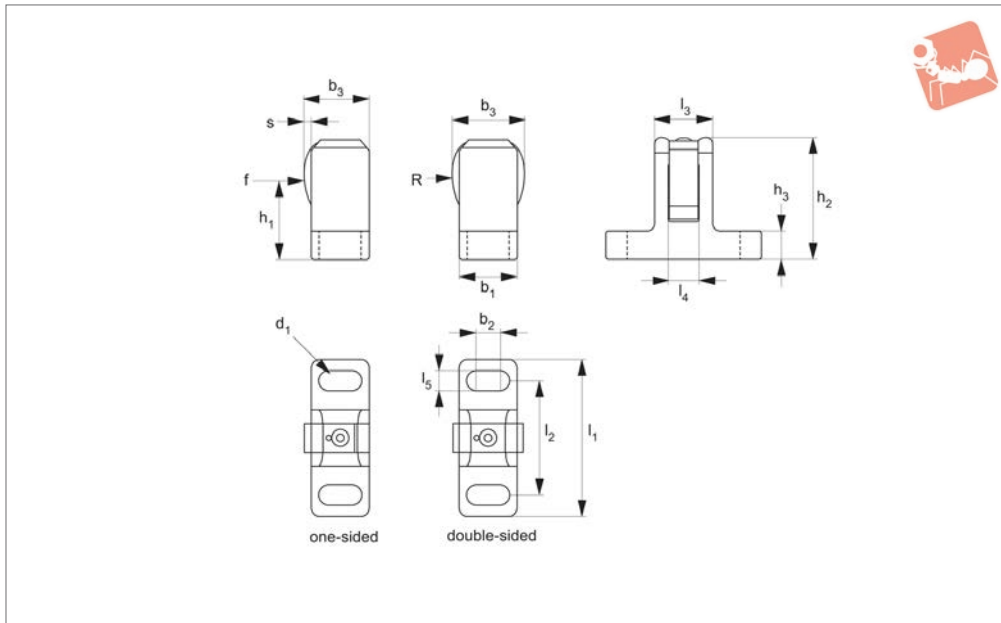




# Lateral Spring Plungers with sheet steel spring

## Spring Plunger & Detent Pins



**32802**

SPRING PLUNGER & DETENT PINS

### Material

Body: steel, blackened.  
Spring element: stainless steel.

### Technical Notes

Simple and secure positioning of work

pieces or components. If component is mounted below height  $h_1$ , a down hold clamping effect is present. Double sided version, ideal for multi-component clamping.

Max. temperature resistance 250°C

Order No.	Finish	$d_1$ for screw	$h_1$	$h_2$ $\pm 1$	$h_3$	$l_1$ $\pm 1$	$l_2$	$l_3$	$l_4$	Weight g
<b>32802.W0006</b>	One-Sided	M 6	28.5	43.0	10	55	40	20	10	130
<b>32802.W0012</b>	One-Sided	M12	40.5	61.5	15	72	50	23	12	255
<b>32802.W0206</b>	Double-Sided	M 6	28.5	42.5	10	55	40	20	10	135
<b>32802.W0212</b>	Double-Sided	M12	40.5	61.5	15	72	50	23	12	260

Order No.	$l_5$	$b_1$ $\pm 0.5$	$b_2$	$b_3$	$s$	Spring load F N $\approx$	R
<b>32802.W0006</b>	6.6	20	8	22.5	1.5	55	22.5
<b>32802.W0012</b>	13.5	25	6	29.0	1.5	170	32.8
<b>32802.W0206</b>	6.6	20	8	25.0	1.5	55	22.5
<b>32802.W0212</b>	13.5	25	6	33.5	1.5	170	32.8



## A Wide Selection of Solutions

### Applications

- Locating and positioning.
- Indexing.
- Securing.
- Positive locking.
- Rapid adjustment of all kinds of tables, platforms and fixtures.
- Machine and fixture design.
- OEM products.
- Sports equipment.
- Medical aides (wheelchairs etc.).
- Aerospace.
- Machine cabinets.

### Materials



Steel with plastic grip



Stainless with plastic grip



Stainless body and grip

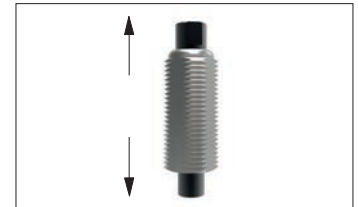
### Locking or Non Locking



Locking (park)



Non locking (spring back)



Push pull

### Handling and Actuation Methods



Standard grip



Lever grip



T-handle



Pull ring



Threaded for bespoke handle

### Mounting Options



Fine threaded (standard)



Coarse thread



Flange mount



Thin wall mount



Weldable

### Additional Technical Notes

- Unless otherwise stated, grips on index plungers are not removable.
- Many of the pins on index plungers are toleranced to either the pin or the hole. Please refer to the specific product table.
- Index plungers are not recommended for shear load applications.

	Pin Tol.	Hole Tol.
①	$h_9$	+0,03 +0,08
②	-0,02 -0,04	$H_7$

### Spring Loads

- s** Stroke, or movement of plunger's pin.
- f<sub>1</sub>** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f<sub>2</sub>** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.

