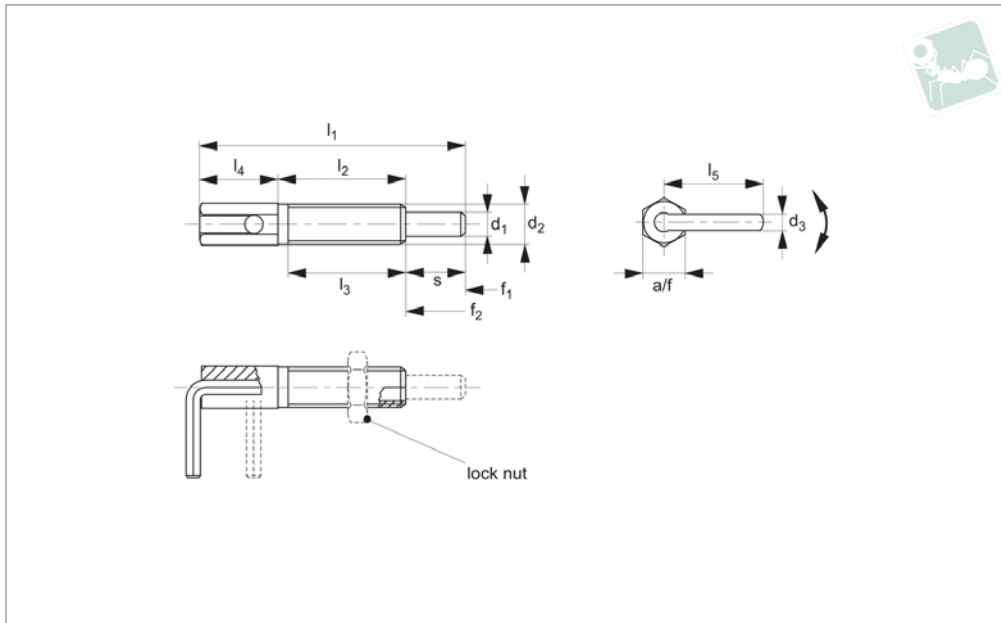




# Index Plungers - Lever Grip locking - coarse thread

# Spring Loaded Pins



## SL1112

SPRING LOADED PINS

### Material

Body: free cutting steel, zinc plated.  
Pin: steel, galvanised.  
Lever: steel, galvanised.

To enable pin to be held in retracted position, secure lever in notched catch on plunger body.  
For applications where high precision is not required.

### Coarse thread.

Temperature resistance up to 250°C

### Tips

Spring loads\* = statistical average.

### Technical Notes

Pull back and turn lever 180° to retract pin.

Order No.	Type	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	s	A/F	Spring load F <sub>1</sub> N ≈	Spring load F <sub>2</sub> N ≈	Tightening torque Nm max.	Weight g
SL1112.M06-004-C	Locking	4	M 6x1,00	2.3	41.5	20.0	17.0	12.0	15.5	9.5	6	3.0	10.0	1.6	6
SL1112.M08-005-C	Locking	5	M 8x1,25	3.0	54.0	27.0	24.0	15.0	19.2	12.0	8	3.5	13.5	4.5	14
SL1112.M10-006-C	Locking	6	M10x1, 50	3.5	65.0	33.5	30.0	17.5	22.9	14.0	10	4.0	16.0	10.0	26
SL1112.M12-008-C	Locking	8	M12x1, 75	4.7	73.0	31.8	28.0	22.2	31.2	19.0	12	4.0	22.0	13.0	55
SL1112.M16-010-C	Locking	10	M16x2, 00	4.7	102. 5	50.5	44.5	27.0	32.7	25.0	16	4.0	23.0	42.0	103



### 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

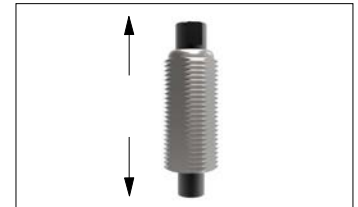
#### Locking or Non Locking



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.

