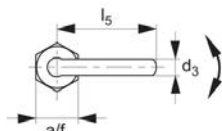
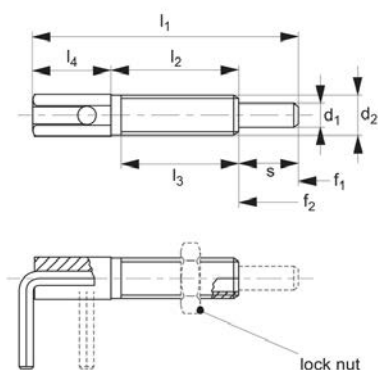




Index Plungers - Lever Grip locking - coarse thread

Spring Loaded Pins



SL1112

SPRING LOADED PINS

Material

Body: free cutting steel, zinc plated.

Pin: steel, galvanised.

Lever: steel, galvanised.

Technical Notes

Pull back and turn lever 180° to retract pin.

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.

Order No.	Type	d ₁	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄	l ₅	s	A/F	Spring load F ₁ N ≈	Spring load F ₂ 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



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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

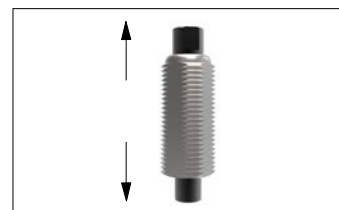
Locking or Non Locking



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_1** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f_2** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.

