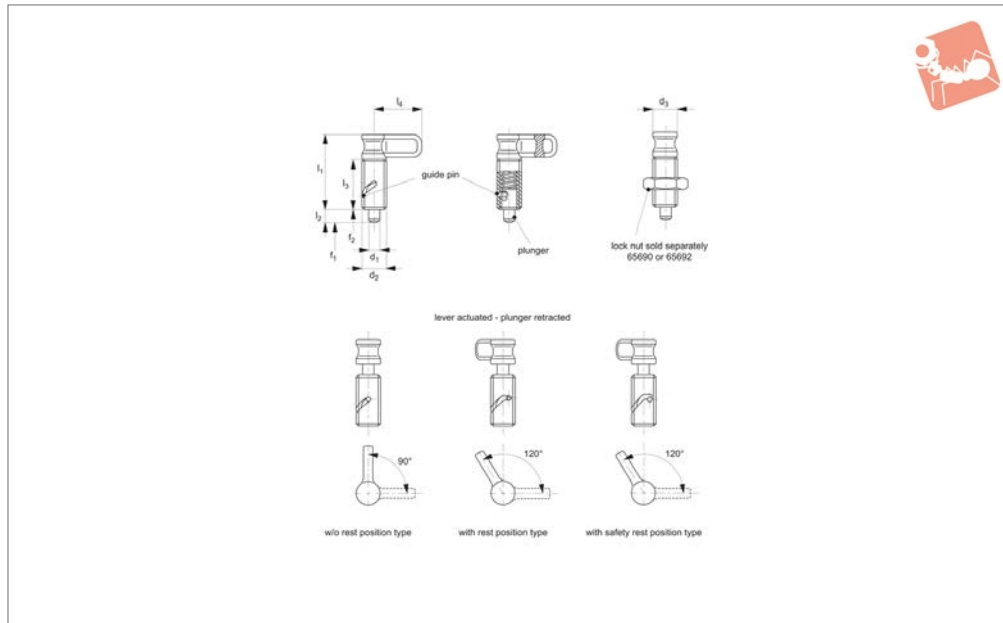




Index Plungers - Lever Grip

pin protruding at start

Index Plunger & Pins



32491

INDEX PLUNGER & PINS

Material

Body: steel zinc plated, blue passivated.
Pin: stainless steel 1.4305 (AISI 303).
Grip/Lever: thermoplastic, black.

Technical Notes

At start position locking pin is protruding, when lever is actuated locking pin retracts.

The lever can be turned anti-clockwise by 90° or 120°, over a cam guide, to retract

the pin.

Three different types available;

1) without rest position- sprung loaded pin which springs back to start position whenever released.

2) with rest position- pin held in retracted position via indexed notch on cam.

3) with safety rest position- pin held in retracted position via deep notch, to avoid

accidental actuation, lever must first be pulled out of notch prior to release.

Lock nuts sold separately. See products 65690 and 65692

Tips

Spring Loads* = statistical average.

Order No.	Type	d ₁	d ₂	d ₃	l ₁ ≈	l ₂	l ₃ min.	l ₄	Spring load F ₁ N ≈	Spring load F ₂ N ≈
32491.W0006	W/o Rest Position - Spring Back	6	M16x1,5	16	51	8	35	32	6.5	20
32491.W0007	W/o Rest Position - Spring Back	8	M16x1,5	16	51	8	35	32	6.5	20
32491.W0009	W/o Rest Position - Spring Back	10	M16x1,5	16	51	8	35	32	6.5	20
32491.W0356	With Rest Position	6	M16x1,5	16	51	8	35	32	6.5	20
32491.W0357	With Rest Position	8	M16x1,5	16	51	8	35	32	6.5	20
32491.W0359	With Rest Position	10	M16x1,5	16	51	8	35	32	6.5	20
32491.W0456	With Safety Rest Position	6	M16x1,5	16	51	8	35	32	6.5	20
32491.W0457	With Safety Rest Position	8	M16x1,5	16	51	8	35	32	6.5	20
32491.W0459	With Safety Rest Position	10	M16x1,5	16	51	8	35	32	6.5	20



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.
- f₁** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f₂** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.

