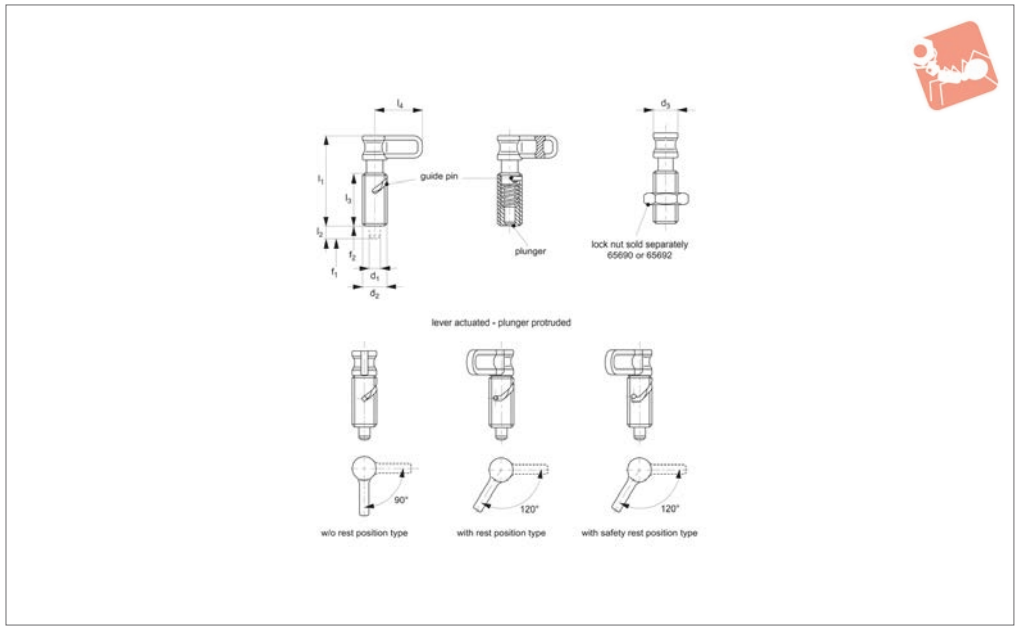


32492

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 retracted, when lever is actuated locking pin protrudes.
The lever can be turned anti-clockwise by 90° or 120°, over a cam guide, to extend 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 protruding position via indexed notch on cam,
3) with safety rest position- pin held in protruding 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 ≈
32492.W0326	W/o Rest Position - Spring Back	6	M16x1,5	16	60	8	35	32	7	16.5
32492.W0327	W/o Rest Position - Spring Back	8	M16x1,5	16	60	8	35	32	7	16.5
32492.W0366	With Rest Position	6	M16x1,5	16	60	8	35	32	7	16.5
32492.W0367	With Rest Position	8	M16x1,5	16	60	8	35	32	7	16.5
32492.W0466	With Safety Rest Position	6	M16x1,5	16	60	6	35	32	7	16.5
32492.W0467	With Safety Rest Position	8	M16x1,5	16	60	6	35	32	7	16.5

Wixroyd Index Plungers

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.

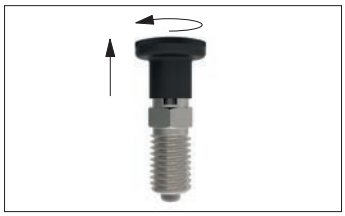
Materials

Steel with plastic grip

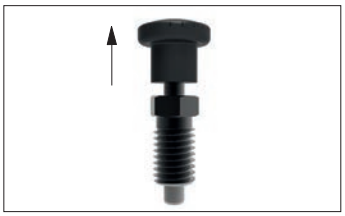
Stainless with plastic grip

Stainless body and grip

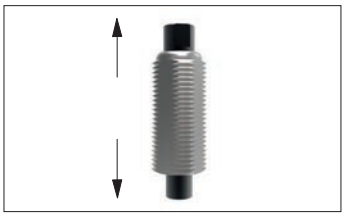
Locking or Non Locking



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.

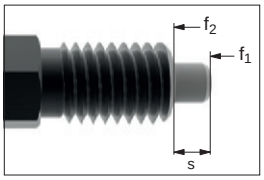
	Pin Tol.	Hole Tol.
1	h_9	+0,03 +0,08
2	-0,02 -0,04	H_7

Spring Loads

s Stroke, or movement of plunger's pin.

f_1 The force required in Newtons (N) to over come 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.



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