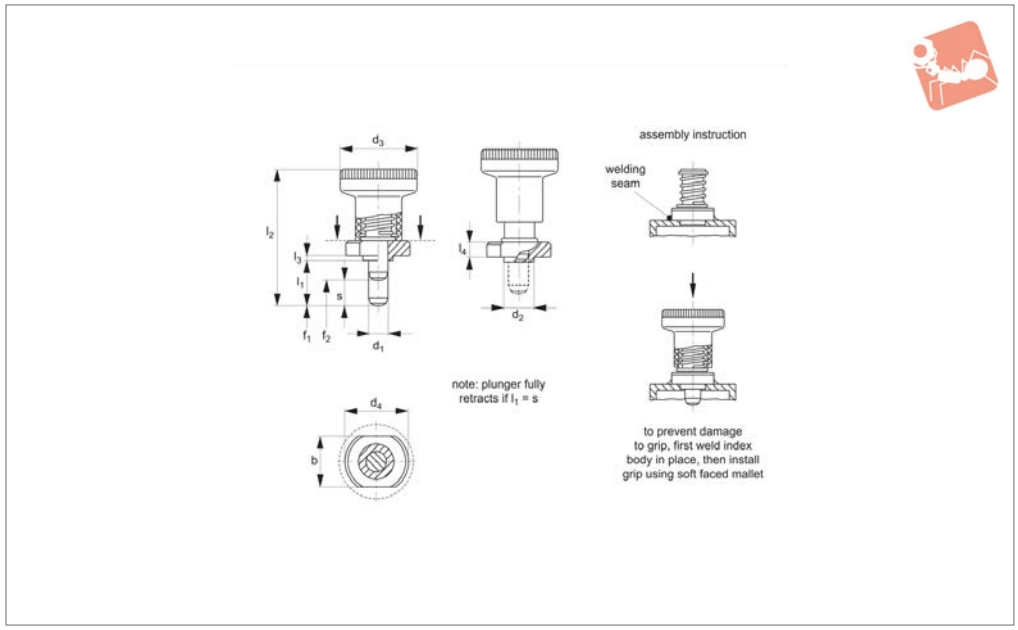


32762

Material
Body: steel blackened.
Locking Pin: hardened.
Grip: black matte finish, not removable.

Technical Notes
„Locking" type- enable pin to be held in retracted position; pull back grip, turn 90° to engage ‚locking' on a notched catch.
„Non Locking" type- pin simply springs back when grip released.

Installation requires welding of plunger body to component. To avoid damage to plastic grip, item is supplied part assembled. Grip is driven in indexing mechanism with a light mallet. Non removable once installed.
Pin does not fully retract in all cases - note dimension ‚s' the stroke of the pin, i.e. the amount by which the pin retracts when actuated.

Temperature resistance -30°C to +80°C

Tips
Spring load* = statistical average.

Important Notes
Only parts 32762.W0826,W0828,W0836 and W0838 have fully retractable index bolt. Bolt of other parts do not fully retract into body, instead bolt will protrude by l_1-s when grip actuated.

Order No.	Type	d_1 -0.02|-0.1	l_1	b	d_2 -0.02|-0.04	d_3	Weight g
32762.W0826	Non Locking	6	6	18	10	25	35
32762.W0828	Non Locking	8	8	20	12	31	55
32762.W0829	Non Locking	8	18	20	12	31	60
32762.W0836	Locking	6	6	18	10	25	35
32762.W0839	Locking	8	18	20	12	31	60
32762.W0827	Non Locking	6	14	18	10	25	36
32762.W0837	Locking	6	14	18	10	25	36
32762.W0838	Locking	8	8	20	12	31	55

Order No.	d_4	l_2	l_3	l_4	s	Spring load F_1 N ≈	Spring load F_2 N ≈	Axial load N
32762.W0826	22	37	1.5	5.5	6	8.5	22	400
32762.W0828	25	44	2.0	6.5	8	15.5	28	500
32762.W0829	25	44	2.0	6.5	8	15.5	28	500
32762.W0836	22	37	1.5	5.5	6	8.5	22	400
32762.W0839	25	44	2.0	6.5	8	15.5	28	500
32762.W0827	22	37	1.5	5.5	6	8.5	22	400
32762.W0837	22	37	1.5	5.5	6	8.5	22	400
32762.W0838	25	44	2.0	6.5	8	15.5	28	500

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.

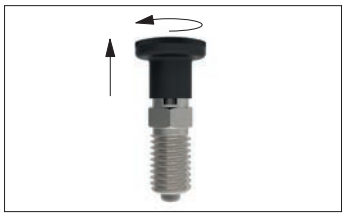
Materials

Steel with plastic grip

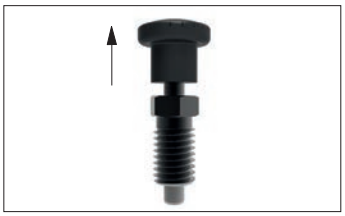
Stainless with plastic grip

Stainless body and grip

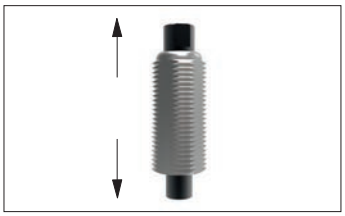
Locking or Non Locking



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.

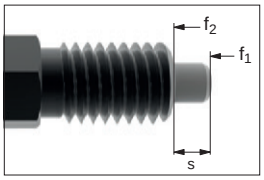
	Pin Tol.	Hole Tol.
1	h_9	+0,03 +0,08
2	-0,02 -0,04	H_7

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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