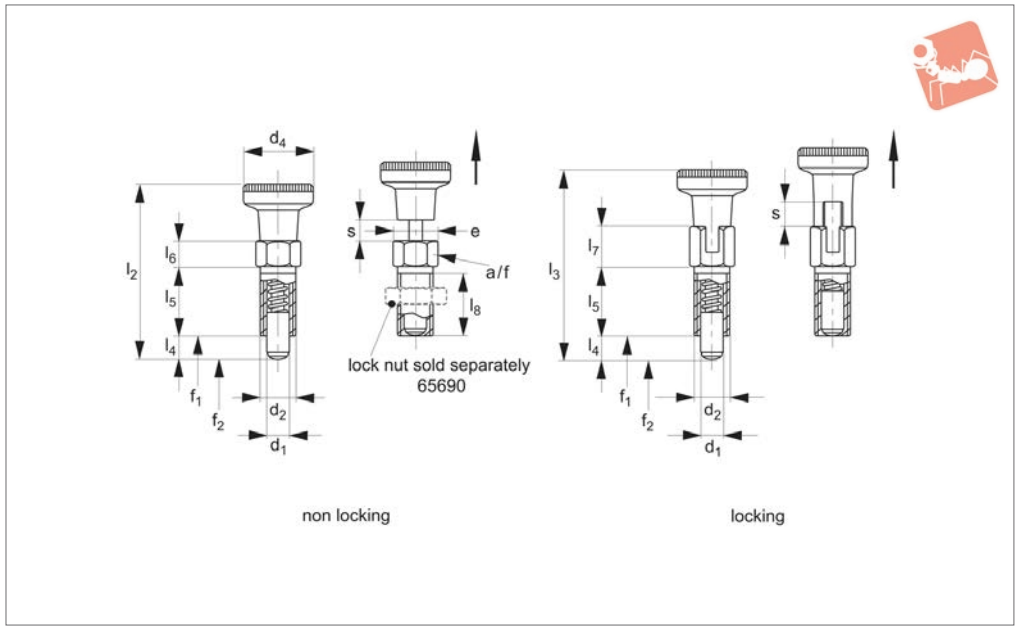


32570

Material

Body: steel, galvanized.
Pin: stainless steel 1.4305 (AISI 303).
Grip: thermoplastic PA 6, black.

Technical Notes

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

For applications where high precision is not required.
Coarse thread.

Temperature resistance -30° C to +80° C.
Lock nuts sold separately. See products 65690.

Tips

Grip non-removable.
Spring loads * = statistical average.

Order No.	Type	Material	d_1	d_2	d_4	l_2	l_3	Weight g
32570.W0743	Non Lock	-	3	M 6x1,00	12	30.0	-	3.6
32570.W0744	Non Lock	Steel	4	M 6x1,00	12	30.5	-	4.0
32570.W0745	Non Lock	Steel	5	M 8x1,25	16	40.0	-	9.2
32570.W0746	Non Lock	Steel	6	M10x1,50	18	49.0	-	18.0
32570.W0748	Non Lock	Steel	8	M12x1,75	21	59.0	-	32.0
32570.W0763	Lock	-	3	M 6x1,00	12	-	32.5	3.8
32570.W0764	Lock	Steel	4	M 6x1,00	12	-	33.0	4.2
32570.W0765	Lock	Steel	5	M 8x1,25	16	-	43.5	9.8
32570.W0766	Lock	Steel	6	M10x1,50	18	-	52.0	18.0
32570.W0768	Lock	Steel	8	M12x1,75	21	-	63.5	32.0

Order No.	l_4 =s	l_5	l_6	l_7	l_8	e	A/F	Spring load F_1 N	Spring load F_2 N	Tightening torque Nm
32570.W0743	3.5	12	4.5	-	10.0	6.9	6	3	12	2
32570.W0744	4	12	4.5	-	10.0	6.9	6	3	12	2
32570.W0745	5	16	6.0	-	13.5	9.2	8	5	24	7
32570.W0746	6	20	7.5	-	17.0	11.5	10	5	21	15
32570.W0748	8	24	9.0	-	20.5	13.8	12	6	22	20
32570.W0763	3.5	12	-	7.0	10.0	6.9	6	3	12	2
32570.W0764	4	12	-	7.0	10.0	6.9	6	3	12	2
32570.W0765	5	16	-	9.5	13.5	9.2	8	5	24	7
32570.W0766	6	20	-	10.5	17.0	11.5	10	5	21	15
32570.W0768	8	24	-	13.5	20.5	13.8	12	6	22	20

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.

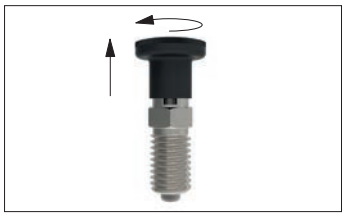
Materials

Steel with plastic grip

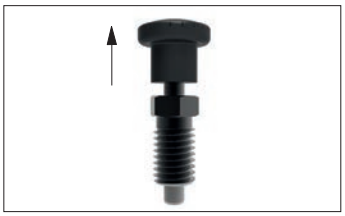
Stainless with plastic grip

Stainless body and grip

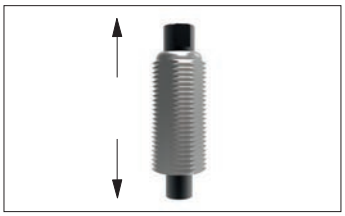
Locking or Non Locking



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.

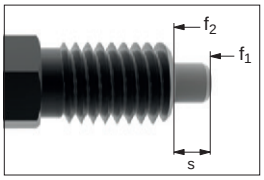
	Pin Tol.	Hole Tol.
1	h_9	+0,03 +0,08
2	-0,02 -0,04	H_7

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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