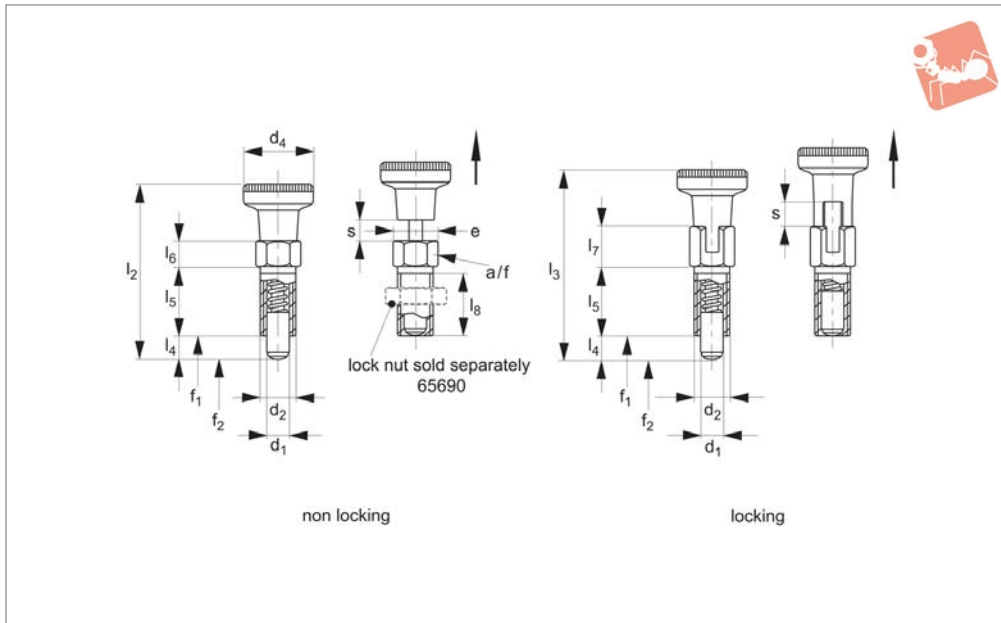




Index Plungers - Pull Grip

steel - coarse thread

Index Plunger & Pins



32570

INDEX PLUNGER & PINS

Material

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

back grip, turn 90° to engage ,locking' on a notched catch.
„Non Locking” type- pin simply springs back when grip released.

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

Technical Notes

„Locking” type- enable pin to be held in retracted/non-projecting position; pull

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

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



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.

