



32770

INDEX PLUNGER & PINS

Material

Body: steel galvanised.
Pin: stainless steel 1.4305, nickel plated.
Grip: thermoplastic PA6, black.

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.

For installation on thin walled panels/ sheet metal of thickness 1 to 5mm.

Pin does not fully retract in all cases - protrusion of pin ‚l₃‘ dependant upon

panel thickness of installation ‚s‘

Temperature resistance -30°C to +80°C

Tips

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

Order No.	Type	d ₁	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄	s	Spring load F ₁ N	Spring load F ₂ N	A/F ₁	A/F ₂	Weight g
32770.W0266	Locking	6	25	10	34	8.5	6.0	10	1-5	8.5	22	17	14	39
32770.W0267	Locking	6	25	10	34	10.5	6.0	10	1-5	8.5	22	17	14	40
32770.W0268	Locking	8	31	12	40	10.0	7.5	12	1-5	15.5	28	19	16	63
32770.W0269	Locking	8	31	12	40	12.0	7.5	12	1-5	15.5	28	19	16	63
32770.W0286	Non Locking	6	25	10	34	8.5	6.0	10	1-5	8.5	22	17	14	39
32770.W0287	Non Locking	6	25	10	34	10.5	6.0	10	1-5	8.5	22	17	14	39
32770.W0288	Non Locking	8	31	12	40	10.0	7.5	12	1-5	15.5	28	19	16	61
32770.W0289	Non Locking	8	31	12	40	12.0	7.5	12	1-5	15.5	28	19	16	62
32770.W0299	Spanner = a/f2	-	-	-	-	-	-	-	-	-	-	-	-	27



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.

