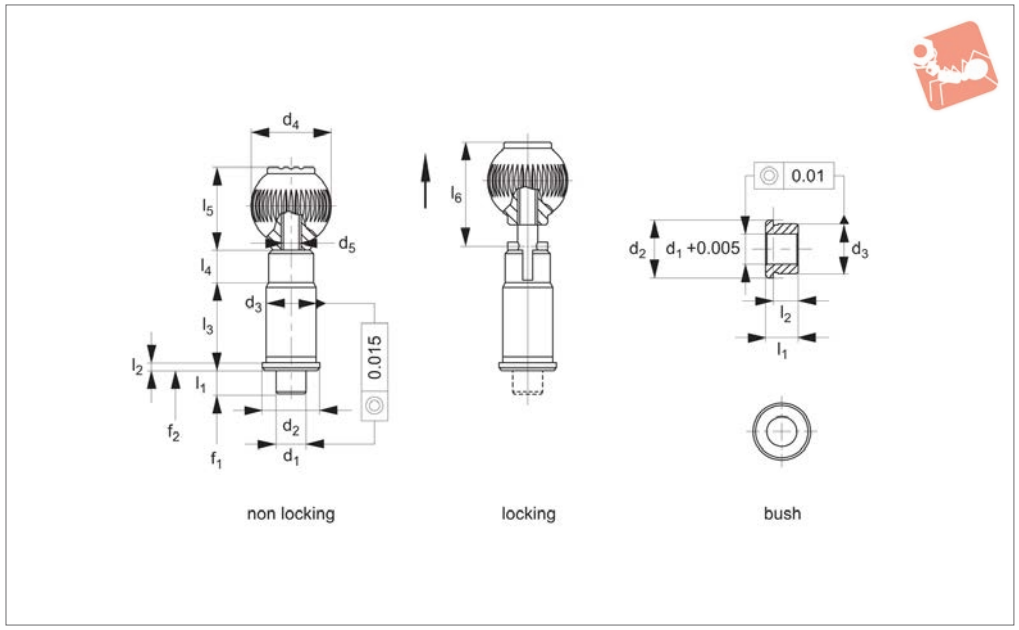


32460

Material
Pin, Body & Bush: case-hardened steel, blackened and ground.
Grip: thermoplastic, black.

Technical Notes
Supplied part assembled to enable precise setting, grip and body must be glued after mounting. Non removable once installed.

„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 released.

Tips
When used for alignment of two sub-plates, the plunger's precise finish guarantees high repetition accuracy.
Spring loads * = statistical average.

Order No.	Type	d_1 -0.005|-0.01	d_2	d_3 tol. n6	d_4	d_5	l_1 min.	l_2	l_3	l_4	l_5	l_6	Spring load F_1 N ≈	Spring load F_2 N ≈	Weight g
32460.W0010	Non Locking	10	19	16	25	M 6	10	2,5	31	13	25,0		15	30	79
32460.W0012	Non Locking	12	23	20	32	M 8	10	3,0	35	13	33,0		15	35	138
32460.W0016	Non Locking	16	28	25	40	M10	10	3,0	42	13	41,5		20	50	226
32460.W0020	Non Locking	20	33	30	40	M10	10	3,0	50	13	41,5		36	63	350
32460.W0025	Non Locking	25	42	38	50	M10	10	3,0	60	13	51,0		20	73	649
32460.W0060	Locking	10	19	16	25	M 6	10	2,5	31	13	25,0	36,5	15	30	79
32460.W0062	Locking	12	23	20	32	M 8	10	3,0	35	13	33,0	44,5	15	35	136
32460.W0066	Locking	16	28	25	40	M10	10	3,0	42	13	41,5	53,0	20	50	228
32460.W0070	Locking	20	33	30	40	M10	10	3,0	50	13	41,5	53,0	36	63	350
32460.W0075	Locking	25	42	38	50	M10	10	3,0	60	13	51,0	62,5	20	73	649
32460.W0090	Bush	10	19	16			11	8,5							11
32460.W0092	Bush	12	23	20			13	10,0							22
32460.W0093	Bush	16	28	25			17	14,0							40
32460.W0094	Bush	20	33	30			16	13,0							51
32460.W0096	Bush	25	42	38			19	16,0							99

Index Plungers - Precision

cylindrical pin

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.

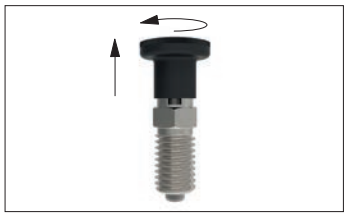
Materials

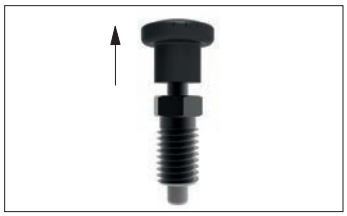

Steel with plastic grip

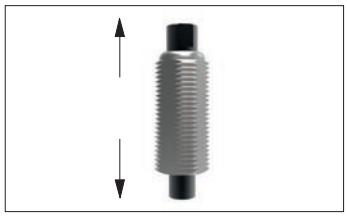

Stainless with plastic grip


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.