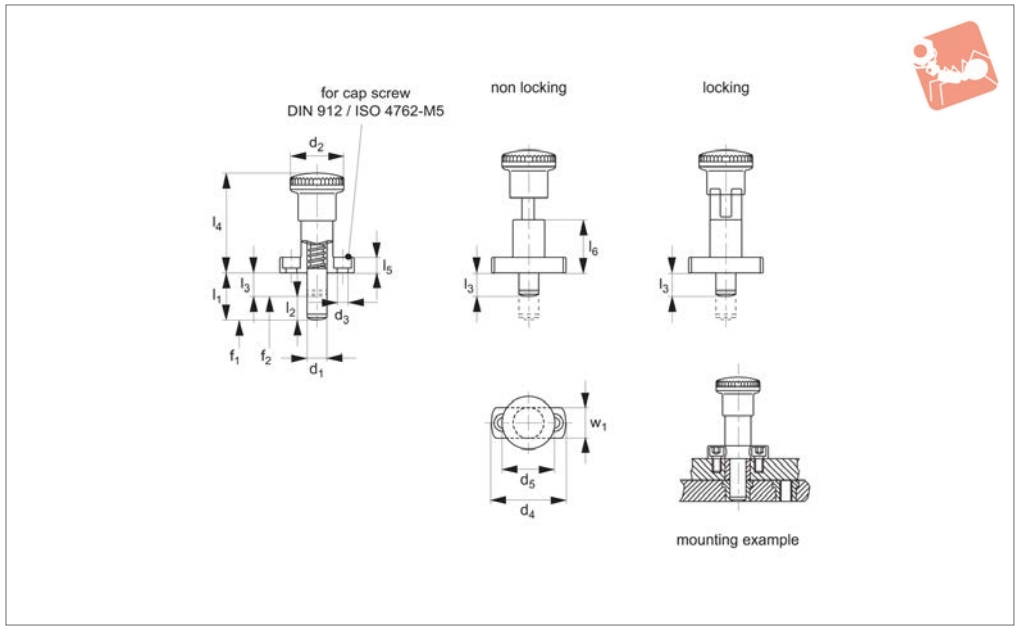


32530

Material
Body: steel, blackened.
Pin: steel, hardened and ground.
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 is released.
Due to extended length pin does not fully retreat into plunger body when grip activated - note dimension l_3 for length pin remains exposed.
Extended pin assists locating and indexing of components. Due to its extended length the pin does not fully retract flush to the plunber body - please note dimensions l_1 for extended pin length and l_3 for retracted pin length. Pin is toleranced to h7 for improved location accuracy. Accuracy dependant upon suitable tolerance of bush, we suggest H7, with min. pin engagement to dim. l_3.

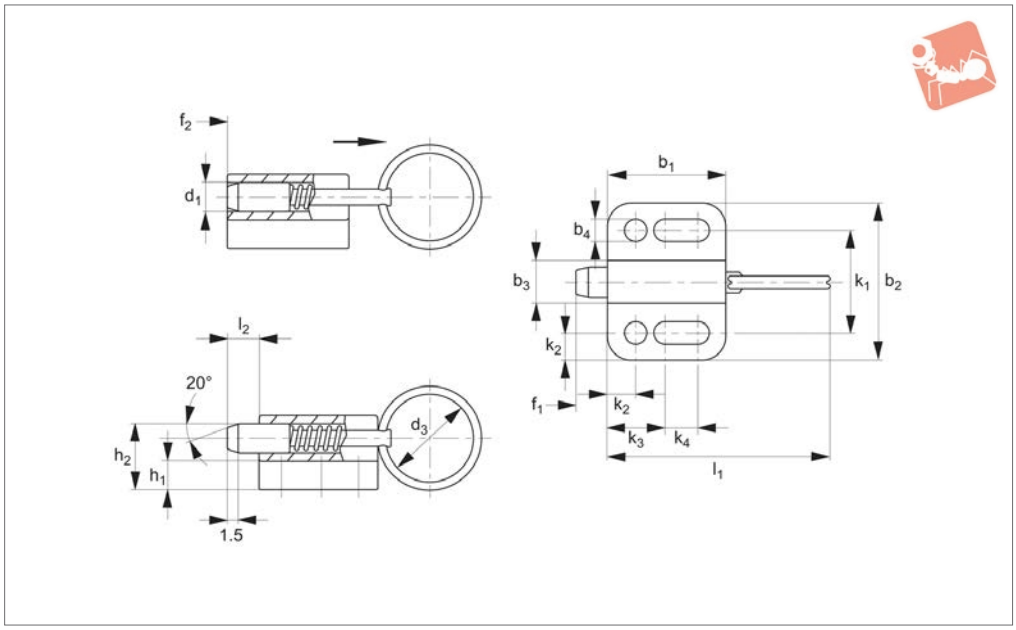
Tips
Grip non-removable.
Spring Loads* = statistical average.

Order No.	Type	d_1 tol. h7	d_2	d_3	d_4	d_5	l_1	l_3	l_4	l_5	l_6	w_1	Spring load F_1 N ≈	Spring load F_2 N ≈	Stroke l_2	Weight g
32530.W0081	Non Locking	8	28	5,5	38	26	20	10	51	8	27	16	8,5	28	10	74
32530.W0083	Non Locking	8	28	5,5	38	26	26	16	51	8	27	16	8,5	28	10	77
32530.W0102	Non Locking	10	28	5,5	38	26	24	12	51	8	27	16	9,5	38	12	77
32530.W0104	Non Locking	10	28	5,5	38	26	32	20	51	8	27	16	9,5	38	12	80
32530.W0281	Locking	8	28	5,5	38	26	20	10	51	8	27	16	8,5	28	10	80
32530.W0283	Locking	8	28	5,5	38	26	26	16	51	8	27	16	8,5	28	10	83
32530.W0202	Locking	10	28	5,5	38	26	24	12	51	8	27	16	9,5	38	12	83
32530.W0204	Locking	10	28	5,5	38	26	32	20	51	8	27	16	9,5	38	12	100

Index Plungers - Pull Grip & Pull Ring

flange mounting - non-locking

32540



Material

Body: die cast zinc, black.
Pin: stainless steel 1.4305 (AISI 303).
Pull ring: stainless steel 1.4305 (AISI 303).

Integral mounting flange simplifies installation on flat surfaces.
Temperature resistant to 100°C.

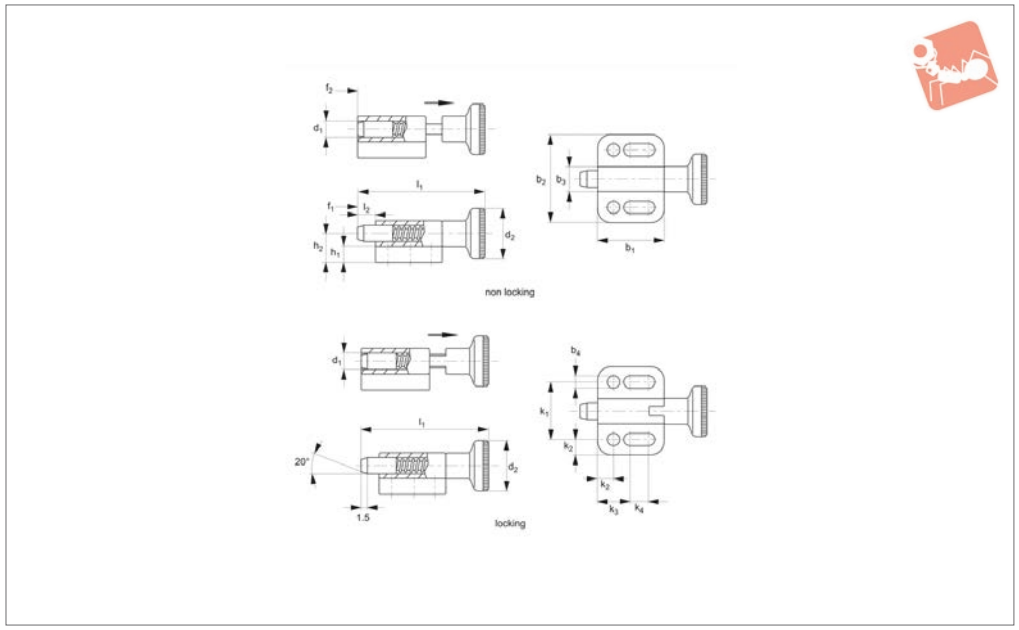
Technical Notes

„Non Locking" type- pin simply srings back when pull ring relased.

Tips

Spring loads * = statistical average.

Order No.	Type	d_1 tol. h9	d_3	b_1	b_2	b_3	b_4 -0.2	h_1	h_2	k_1 ±0.05	k_2	k_3	k_4	l_1	l_2 min.	Spring load F_1 N ≈	Spring load F_2 N ≈	Weight g
32540.W0304	Non Locking	4	14	16,5	22	6	3,3	4,0	7,0	14	4,0	8	4,5	34,5	4	3	12	10
32540.W0305	Non Locking	5	18	22,0	28	8	4,3	4,5	9,5	18	5,0	10	7,0	45,0	5	5	24	20
32540.W0306	Non Locking	6	24	27,5	32	10	5,4	5,0	10,5	21	5,5	12	10,0	57,5	6	5	21	40
32540.W0308	Non Locking	8	30	33,0	34	12	5,4	6,0	12,5	23	5,5	12	15,5	71,0	8	6	22	58
32540.W0310	Non Locking	10	30	35,0	39	14,5	6,5	6,0	14,5	27	6,0	15	13,5	75,0	10	4	25	83



32542

Material

Body: die cast zinc, black.
Pin: stainless steel 1.4305 (AIAI 303).
Grip: thermoplastic PA6, 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 released.

Integral mounting flange simplifies installation of index plunger on horizontal surfaces.
Temperature resistance from -30°C up to +80°C.

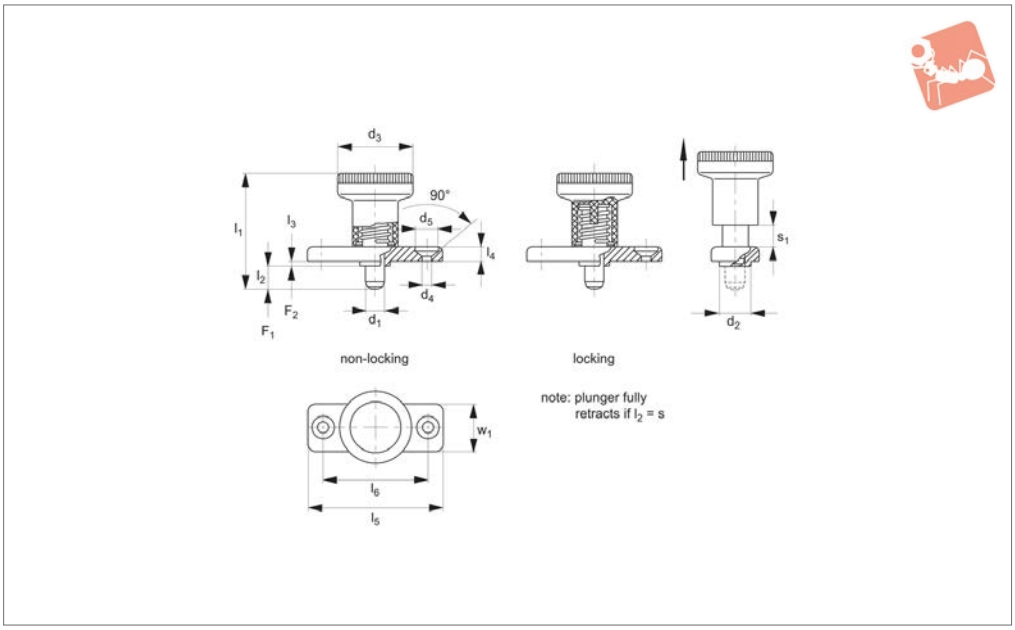
Tips

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

Order No.	Type	d_1 tol. h9	d_2	b_1	b_2	b_3	b_4 -0.2	h_1	h_2	k_1 ±0.05	k_2	k_3	k_4	l_1	l_2 min.	Spring load F_1 N ≈	Spring load F_2 N ≈	Weight g
32542.W0324	Non Locking	4	12	16,5	22	6	3,3	4,0	7,0	14	4,0	8	4,5	30,5	4	3	12	11
32542.W0325	Non Locking	5	16	22,0	28	8	4,3	4,5	9,5	18	5,0	10	7,0	40,0	5	5	24	20
32542.W0326	Non Locking	6	18	27,5	32	10	5,4	5,0	10,5	21	5,5	12	10,0	49,0	6	5	21	37
32542.W0328	Non Locking	8	21	33,0	34	12	5,4	6,0	12,5	23	5,5	12	15,5	59,0	8	6	22	61
32542.W0330	Non Locking	10	25	35,0	39	14,5	6,5	6,0	14,5	27	6,0	15	13,5	67,5	10	4	25	90
32542.W0344	Locking	4	12	19,0	22	6	3,3	4,0	7,0	14	4,0	8	7,0	33,0	4	3	12	10
32542.W0345	Locking	5	16	25,5	28	8	4,3	4,5	9,5	18	5,0	10	10,5	43,5	5	5	24	26
32542.W0346	Locking	6	18	30,5	32	10	5,4	5,0	10,5	21	5,5	12	13,0	52,0	6	5	21	40
32542.W0348	Locking	8	21	37,5	34	12	5,4	6,0	12,5	23	5,5	12	20,0	63,5	8	6	22	67
32542.W0350	Locking	10	25	40,0	39	14,5	27	6,0	14,5	27	6,0	15	18,5	72,5	10	4	25	98

Index Plunger - Pull Grip
flange mounting

32760



Material
Free Cutting Steel Type-
Body: die cast zinc, galvanised.
Pin: steel, hardened.
Grip: thermoplastic PA6, black
Stainless Steel Type-
Body: die-cast zinc, galvanised.
Pin: stainless steel, 1.4305 (AISI 303), 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.
Integeral mounting flange simplifies installation on flat surfaces.
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
Grip non-removable.
Spring loads * = statistical average.

Order No.	Type	Material	d_1 -0.02|-0.04	d_2 -0.02|-0.1	d_3	d_4	d_5	l_1	l_2	l_3 -0.15	l_4	l_5	l_6	w_1	Spring load F_1 N ≈	Spring load F_2 N ≈	Stroke s_1	Weight g
32760.W0926	Non Locking	Steel	6	10	25	4,3	8,3	37	6	2,5	4,5	40	30	18	8,5	22	6	26
32760.W0927	Non Locking	Steel	6	10	25	4,3	8,3	45	14	2,5	4,5	40	30	18	8,5	22	6	38
32760.W0928	Non Locking	Steel	8	12	31	5,3	10,4	44	8	2,5	5,5	46	34	20	15,5	28	8	59
32760.W0929	Non Locking	Steel	8	12	31	5,3	10,4	54	18	2,5	5,5	46	34	20	15,5	28	8	63
32760.W0936	Locking	Steel	6	10	25	4,3	8,3	37	6	2,5	4,5	40	30	18	8,5	22	6	36
32760.W0937	Locking	Steel	6	10	25	4,3	8,3	45	14	2,5	4,5	40	30	18	8,5	22	6	38
32760.W0938	Locking	Steel	8	12	31	5,3	10,4	44	8	2,5	5,5	46	34	20	15,5	28	8	60
32760.W0939	Locking	Steel	8	12	31	5,3	10,4	54	18	2,5	5,5	46	34	20	15,5	28	8	63
32760.W0966	Non Locking	Stainless	6	10	25	4,3	8,3	37	6	2,5	4,5	40	30	18	8,5	22	6	26
32760.W0967	Non Locking	Stainless	6	10	25	4,3	8,3	45	14	2,5	4,5	40	30	18	8,5	22	6	38
32760.W0968	Non Locking	Stainless	8	12	31	5,3	10,4	44	8	2,5	5,5	46	34	20	15,5	28	8	59
32760.W0969	Non Locking	Stainless	8	12	31	5,3	10,4	54	18	2,5	5,5	46	34	20	15,5	28	8	63
32760.W0976	Locking	Stainless	6	10	25	4,3	8,3	37	6	2,5	4,5	40	30	18	8,5	22	6	36
32760.W0977	Locking	Stainless	6	10	25	4,3	8,3	45	14	2,5	4,5	40	30	18	8,5	22	6	38
32760.W0978	Locking	Stainless	8	12	31	5,3	10,4	44	8	2,5	5,5	46	34	20	15,5	28	8	60
32760.W0979	Locking	Stainless	8	12	31	5,3	10,4	54	18	2,5	5,5	46	34	20	15,5	28	8	63

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.

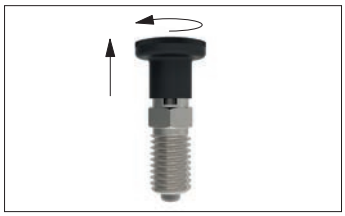
Materials

Steel with plastic grip

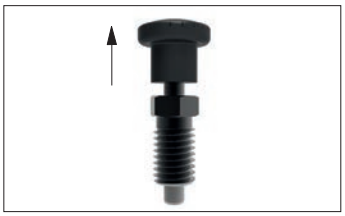
Stainless with plastic grip

Stainless body and grip

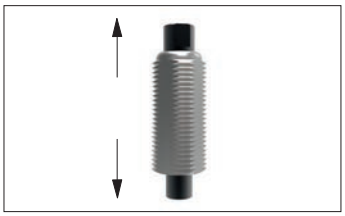
Locking or Non Locking



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.