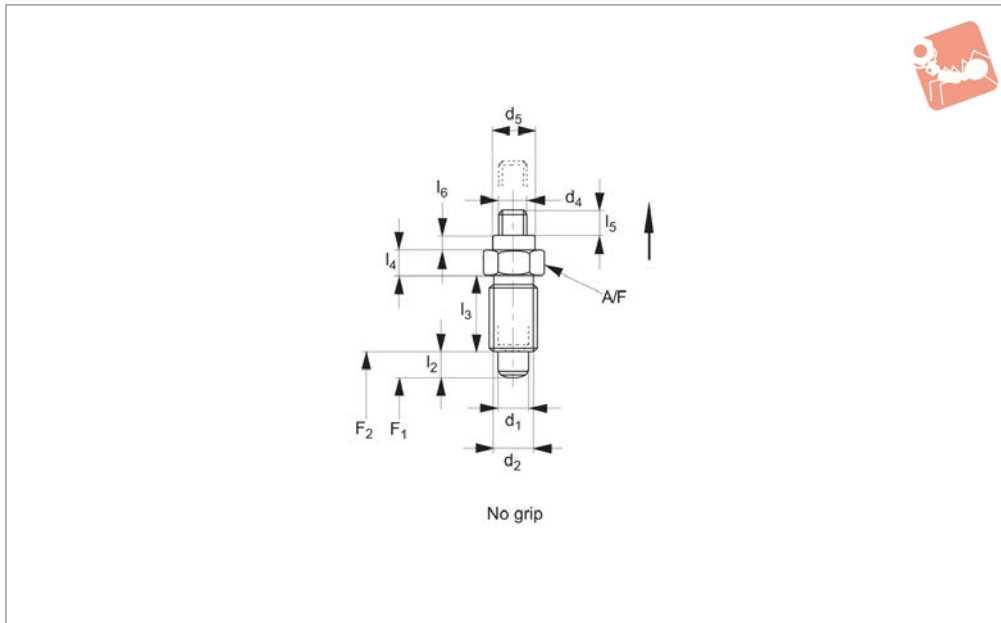




Index Plungers - No Grip

compact - non-locking

Index Plunger & Pins



32681

INDEX PLUNGER & PINS

Material

Free cutting steel type-

Body: free cutting steel, blackened.

Pin: steel, hardened.

Stainless steel type -

Body: stainless steel 1.4305 (AISI 303).

Pin: stainless steel 1.4305 (AISI 303), nickel plated.

Technical Notes

„Non Locking“ type- pin simply springs

back when grip released.

Thread recess on body allows full engagement of thread length. Hexagon collar improves leverage for secure installation.

Benefits from a more compact design and hence shorter overall length.

Temperature resistance up to 250°C

Distance collars no. 32750 can be used to adapt screw length.

Lock nuts sold separately See products 65690 & 65692

Tips

Spring loads * = statistical average. Threaded head of d_4 enables use of larger handle or grip better suited to your application. See palm grip no. 70000, or similar.

Order No.	Type	Material	d_1	d_2	d_4	d_5	l_2	l_3	l_4	l_5	l_6	A/F	Spring load F_1 N	Spring load F_2 N	Weight g
32681.W0143	No Grip	Steel	4	M 8x1,0	M 3	7	4	16	5	4.5	2.5	10	4.5	12.0	9
32681.W0144	No Grip	Steel	4	M 8x1,0	M 3	7	6	16	5	4.5	2.5	10	4.0	12.5	9
32681.W0146	No Grip	Steel	5	M10x1,0	M 4	8	5	18	6	5.5	3.0	12	5.0	15.0	16
32681.W0147	No Grip	Steel	5	M10x1,0	M 4	8	8	18	6	5.5	3.0	12	5.0	18.0	16
32681.W0149	No Grip	Steel	6	M12x1,5	M 5	9	6	22	6	7.0	3.5	14	6.5	19.0	25
32681.W0150	No Grip	Steel	6	M12x1,5	M 5	9	9	22	6	7.0	3.5	14	6.0	25.0	25
32681.W0152	No Grip	Steel	8	M16x1,5	M 6	10	8	26	8	8.5	4.0	17	8.5	26.0	55
32681.W0153	No Grip	Steel	8	M16x1,5	M 6	10	12	26	8	8.5	4.0	17	8.5	28.0	55
32681.W0155	No Grip	Steel	10	M16x1,5	M 6	10	12	26	8	8.5	4.0	17	9.5	38.0	56
32681.W0156	No Grip	Steel	12	M20x1,5	M 6	12	15	33	10	8.5	4.0	22	11.5	40.0	111
32681.W0157	No Grip	Steel	16	M24 x 2	M 8	15	20	38	12	11.5	5.0	27	13.0	54.0	194
32681.W0243	No Grip	Stainless	4	M 8x1,0	M 3	7	4	16	5	4.5	2.5	10	4.5	12.0	9
32681.W0244	No Grip	Stainless	4	M 8x1,0	M 3	7	6	16	5	4.5	2.5	10	4.0	12.5	9
32681.W0246	No Grip	Stainless	5	M10x1,0	M 4	8	5	18	6	5.5	3.0	12	5.0	15.0	16
32681.W0247	No Grip	Stainless	5	M10x1,0	M 4	8	8	18	6	5.5	3.0	12	5.0	18.0	16
32681.W0249	No Grip	Stainless	6	M12x1,5	M 5	9	6	22	6	7.0	3.5	14	6.5	19.0	25
32681.W0250	No Grip	Stainless	6	M12x1,5	M 5	9	9	22	6	7.0	3.5	14	6.0	25.0	25
32681.W0252	No Grip	Stainless	8	M16x1,5	M 6	10	8	26	8	8.5	4.0	17	8.5	26.0	55
32681.W0253	No Grip	Stainless	8	M16x1,5	M 6	10	12	26	8	8.5	4.0	17	8.5	28.0	55
32681.W0255	No Grip	Stainless	10	M16x1,5	M 6	10	12	26	8	8.5	4.0	17	9.5	38.0	56
32681.W0256	No Grip	Stainless	12	M20x1,5	M 6	12	15	33	10	8.5	4.0	22	11.5	40.0	111
32681.W0257	No Grip	Stainless	16	M24 x 2	M 8	15	20	38	12	11.5	5.0	27	13.0	54.0	194



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 overcome 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.

