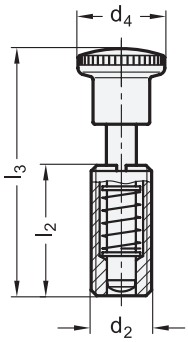
Spring bolts

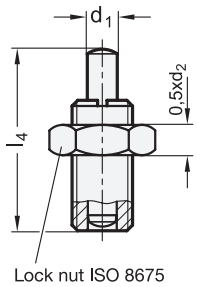
Plunger pin retracted in normal position

Normal position:
Plunger pin retracted

Type **A**

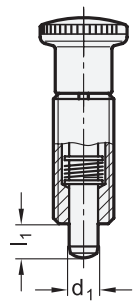


Type **DK**

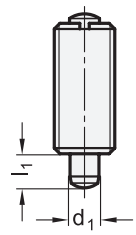


Operating postion:
Plunger pin protruded

Type **A**

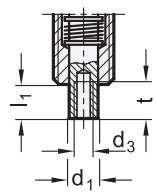


Type **D**



Identification no. **2**

Identification no. **2**



Inox
Stainless
Steel

2 Type

A with knob, without lock nut
AK with knob, with lock nut
D without knob, without lock nut
DK without knob, with lock nut

3 Identification no.

1 Plunger without internal thread
2 Plunger with internal thread

1

d_1 Pin $^{-0.02}_{-0.05}$ Bore H7	d_2	d_3	d_4	l_1	l_2	$l_3 \approx$	$l_4 \approx$	t min.	Spring load in N ≈ Steel initial	Steel end	Stainless Steel initial	Stainless Steel end
5	M 10 x 1	M 3	16	6	22	42	29	7	8	20	7	18
6	M 12 x 1,5	M 4	19	7	26	49	35	7	9	28	8	21
8	M 16 x 1,5	M 5	23	9	34	65	48	9	12	40	11	32
10	M 20 x 1,5	M 6	28	11	43	78	57	12	22	50	18	43

Specification

4

- Guide (Threaded socket)
  Steel
  blackened — **ST**
- Guide (Threaded socket)
  Stainless Steel AISI 303 — **NI**
- Plunger pin
  Stainless Steel
  - AISI 303
  - chemically nickel plated
- Knob
  Plastic (Polyamide PA)
  - black, matt
  - not removable
- *Load rating information → Page 1463*
- *ISO-Fundamental tolerances → Page 1479*
- *Stainless Steel characteristics → Page 1489*
- *Plastic characteristics → Page 1483*
- RoHS compliant

Information

The plunger pin in the spring bolts GN 313 does not protrude in the inoperative position.

It can be operated manually or in Type D and DK mechanically (pneumatic cylinder, cam plate, etc.) when it will protrude only as long as it is operated.

Using the internal thread at identification 2 on the pressure side, special pressure bolts or a rod arrangement can be operated, for instance.

see also...

- *List of indexing plunger types → Page 640 ff.*
- *Spring elements GN 513 → Page 736*
- *Indexing plungers GN 613 (without rest position) → Page 648*

How to order

1 2 3 4
GN 313-8-AK-1-ST

1	d_1
2	Type
3	Identification no.
4	Material