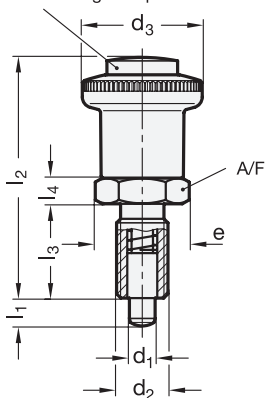
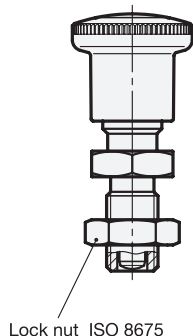


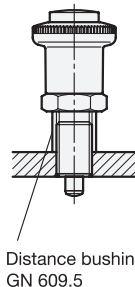
Plunger locked
Unlocking with push-button



Plunger retracted



Mounting information



ROSTFREI
Rost
frei
Inox
Stainless
Steel

3 Type

A without lock nut
AK with lock nut

1

2

d ₁ <small>-0,02 +0,04</small> Plunger Bore H7	l ₁ min.	d ₂	d ₃	e	l ₂ ≈	l ₃	l ₄	A/F	Spring load in N ≈		Axial load in N
									initial	end	
6	6	M 12 x 1,5	28	21,9	56	22	6	19	6,5	19	120
6	9	M 12 x 1,5	28	21,9	56	22	6	19	6	25	120
8	8	M 16 x 1,5	28	21,9	62	26	8	19	8,5	26	120
8	12	M 16 x 1,5	28	21,9	62	26	8	19	8,5	28	120
10	12	M 16 x 1,5	28	21,9	62	26	8	19	9,5	38	120

Specification

4

- Steel —
- blackened
- Plunger pin hardened
- Stainless Steel AISI 303 **NI**
- Plunger pin chemically nickel plated
- Knob
- Plastic (Polyamide PA)
- black-grey, RAL 7021, matt
- temperature resistant up to 80 °C
- not removable
- Push-button
- Plastic (Polyacetal POM)
- red, RAL 3000, matt
- ISO-Fundamental Tolerances → Page 1132
- Stainless Steel characteristics → Page 1144
- Plastic characteristics → Page 1141
- RoHS compliant

Information

Stainless Steel-Indexing plungers GN 414 with safety lock are used when the inadvertent retraction of the plunger pin is to be prevented. The protruding plunger is first locked and may be unlocked for pulling only by exerting axial pressure on the red safety push-button.

The safety lock engages in the front end position, i.e. automatically if the indexing pin protrudes, with the locking mechanism housed fully in the operating button and protected from malfunctions. The specified axial load bearing capacity refers to the locking force of the bolt against inadvertent operation which must not be exceeded.

see also...

- Range of indexing plungers → Page 402
- Distance bushings GN 609.5 (to limit the thread length) → Page 450

Indexing plungers

1 2 3

GN 414-8-12-A

- | | |
|---|----------------|
| 1 | d ₁ |
| 2 | l ₁ |
| 3 | Type |

Stainless Steel-Indexing plungers

1 2 3 4

GN 414-10-12-A-NI

- | | |
|---|----------------|
| 1 | d ₁ |
| 2 | l ₁ |
| 3 | Type |
| 4 | Material |