



3 Type

- A** with safety mechanism, without rest position, without lock nut
- AK** with safety mechanism, without rest position, with lock nut

1

2

d ₁ 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	30	120

Specification

- Steel
 - blackened
 - Plunger hardened
- Knob
 - Plastic (Polyamide PA)
 - black-grey, RAL 7021, matt
 - temperature resistant up to 80 °C
 - not removable
- Safety push-button
 - Plastic (Polyacetal POM)
 - red, RAL 3000, matt
- ISO-Fundamental Tolerances → Page 1132
- Plastic characteristics → Page 1141
- RoHS compliant

Information

Safety indexing plungers GN 414 are used when the inadvertent retract of the plunger pin is to be prevented. The plunger pin is locked in one or both end positions and can be unlocked only with the red safety push button.

In every case, 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 (to limit the thread length) → Page 450

How to order

GN414-8-12-A

- 1 d₁
- 2 l₁
- 3 Type