



- 3 Type**
- A Without lock nut
 - AK With lock nut

d ₁ Pin <small>-0.02 -0.04</small> Bore H7	l ₁ min.	d ₂	d ₃	e	l ₂ ≈	l ₃	l ₄	A/F	Spring load in N ≈	
									Initial	End
6	6	M 12 x 1,5	30	21,9	53,5	22	6	19	6,5	19
6	9	M 12 x 1,5	30	21,9	53,5	22	6	19	6	25
8	8	M 16 x 1,5	30	21,9	59,5	26	8	19	8,5	26
8	12	M 16 x 1,5	30	21,9	59,5	26	8	19	8,5	28
10	12	M 16 x 1,5	30	21,9	59,5	26	8	19	9,5	38

Specification

- Steel —
- Blackened
- Plunger pin hardened
- Stainless steel AISI 303 **NI**
Plunger pin chemically nickel plated
- Knob
Plastic (Polyamide PA)
- Black, matte finish
- Not removable
- Black-gray, RAL 7021, matte finish
- Push-button
Plastic (Polyacetal POM)
Red, RAL 3000, matte finish
- [Load Rating Information](#) → Page 2132
- [ISO Fundamental Tolerances](#) → Page 2151
- [Plastic Characteristics](#) → Page 2158
- [Stainless Steel Characteristics](#) → Page 2166
- RoHS

Information

Indexing plungers GN 414.1 with click-type safety lock are used when the plunger pin is to be briefly prevented from protruding. When the pin is retracted to its end position, the button engages with a clearly audible click.

The safety lock can be unlocked only by exerting axial pressure on the red safety pushbutton, with the plunger pin then returning to its starting position by spring force.

see also...

- [List of Indexing Plunger Types](#) → Page 884 ff.
- [Distance Bushings GN 609.5 \(to Limit the Thread Length\)](#) → Page 952
- [Flat Hexagonal Nuts GN 909 / GN 909.5](#) → Page 953
- [Positioning Bushings GN 412.2 / GN 412.4](#) → Page 954

How to order (Steel)

GN 414.1-6-9-AK

1	d ₁
2	l ₁
3	Type

How to order (Stainless steel)

GN 414.1-10-12-A-NI

1	d ₁
2	l ₁
3	Type
4	Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

