

1 **THREADED BODY AND LOCKING NUT**

AISI 303 stainless steel.

2 **PLUNGER**

Suggested tolerance for matching hole = H7.
Nickel-plated AISI 303 stainless steel.

3 **KNOB**

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

5 **SAFETY PUSH BUTTON**

High-resilience polyamide based (PA) technopolymer, RAL 3000 red colour, matte finish.

6 **STANDARD EXECUTIONS**

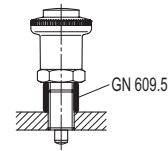
- **GN 414.1-A-NI**: without locking nut.
- **GN 414.1-AK-NI**: with locking nut.

8 **FEATURES AND APPLICATIONS**

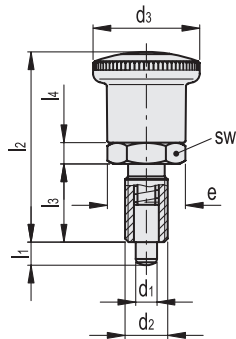
Indexing plungers with safety device are used when it is necessary to prevent any accidental movement of the plunger.
The plunger can be locked in the retracted position and can only be unlocked by pushing the red safety button.
The locking is automatic when the final position has been reached.
The locking mechanism is fully integrated with the operating button, malfunction caused by dirt or foreign objects are therefore excluded.

ACCESSORIES ON REQUEST

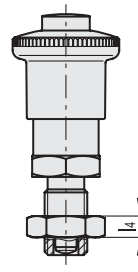
AISI 303 stainless steel distance bushings GN 609.5 (see page 562) for the assembly of the indexing plunger on thin sheets.



GN 414.1-A-NI



GN 414.1-AK-NI



GN 414.1-A-NI

Code	Description	d1		d2	d3	e	l1 min	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	⚖️
		Plunger -0.02 -0.04	Hole H7											
GN.25421	GN 414.1-6-6-A-NI	6	M12x1.5	30	21.9	6	53.5	22	6	19	6.5	19	47	
GN.25422	GN 414.1-6-9-A-NI	6	M12x1.5	30	21.9	9	53.5	22	6	19	6	25	48	
GN.25423	GN 414.1-8-8-A-NI	8	M16x1.5	30	21.9	8	59.5	26	8	19	8.5	26	73	
GN.25424	GN 414.1-8-12-A-NI	8	M16x1.5	30	21.9	12	59.5	26	8	19	8.5	28	75	
GN.25425	GN 414.1-10-12-A-NI	10	M16x1.5	30	21.9	12	59.5	26	8	19	9.5	38	77	

GN 414.1-AK-NI

GN.25441	GN 414.1-6-6-AK-NI	6	M12x1.5	30	21.9	6	53.5	22	6	19	6.5	19	54
GN.25442	GN 414.1-6-9-AK-NI	6	M12x1.5	30	21.9	9	53.5	22	6	19	6	25	55
GN.25443	GN 414.1-8-8-AK-NI	8	M16x1.5	30	21.9	8	59.5	26	8	19	8.5	26	92
GN.25444	GN 414.1-8-12-AK-NI	8	M16x1.5	30	21.9	12	59.5	26	8	19	8.5	28	95
GN.25445	GN 414.1-10-12-AK-NI	10	M16x1.5	30	21.9	12	59.5	26	8	19	9.5	38	101