



1

$d_1 +0,1$			d_2		d_3	$l_1 \approx$		$l_2 \approx$	$l_3 \pm 0,1$		w Compression		Spring load in N \approx			
NI	KD	MS	NI	KU		NI	KU	NI	MS	MS	MS	initial	end	initial	end	
KU			MS	KD		MS	KD	KU	KU	KD	KD					Specification NI / MS
3	-	3	2,4	2	3,5	4	4	0,6	0,6	0,7	0,6	1,8	3,5	1,7	3,6	
4	4	4	3	3	4,6	5	5	0,9	1	1	0,8	2,5	6	2,5	6,5	
5	5	5	4	4	5,6	6	6	0,9	1	1,4	1	3	6,5	4,5	9	
6	6	6	5	5	6,5	7	7	1	1	1,8	1,6	5,5	11,5	6,5	13	
8	8	8	6,5	6,5	8,5	9	9	1,1	1	2,4	1,9	7	12,5	8	18	
10	10	-	8,5	8	11	13	13,5	1,5	1,5	3,3	2,4	8,5	18,5	12	23	
12	12	-	10	10	13	16	16	2,3	1,5	4	3,3	12	26,5	13	25	

Specification

2

- Housing and ball Stainless Steel **NI**
- AISI 305 / 420C
- Housing sheet-metal
- Ball hardened
- Housing brass **MS**
- turned
- Ball
Stainless Steel AISI 420C, hardened
- Housing plastic (Polyacetal POM) **KU**
- temperature resistant up to 50 °C
- Ball
Stainless Steel AISI 420C, hardened
- Housing and ball plastic **KD**
(Polyacetal POM)
temperature resistant up to 50 °C
- Spring
Stainless Steel AISI 631
- *Stainless Steel characteristics* → Page 1489
- *Plastic characteristics* → Page 1483
- RoHS

Information

Spring plungers GN 614 are used as detents as well as for push-on and push-off applications and ejectors.

A tolerance of H7 for the location hole of d_1 is recommended.

Due to different production methods, the dimensions l_2 and l_3 are different.

see also...

- *Stainless Steel-Spring plungers GN 614.3 (with ball, without thread)*
→ Page 725

- *Spring plungers GN 614.2 (Press on type, ball double ended)*
→ Page 724

How to order

GN614-6-NI

1 d_1

2 Material