



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	MS	NI	KU	NI	MS	NI	KU	MS	NI	KU	MS	NI / MS	KU / KD			
KU			MS	KD	KD	KD	MS	KD	MS	KU	KD	KD					Initial	End	Initial	End	
3	-	3	2,4	2	3,5	3,6	4	4	0,6	0,6	0,7	0,55	0,6	1,8	3,5	1,7	3,6				
4	4	4	3	3	4,6	4,6	5	5	0,9	1	1	0,8	0,8	2,5	6	3	6,5				
5	5	5	4	4	5,6	5,6	6	6	0,9	1	1,4	1	1	3	6,5	4,5	9				
6	6	6	5	5	6,5	6,5	7	7	1	1	1,8	1,6	1,6	5,5	11,5	6,5	13				
8	8	8	6,5	6,5	8,5	8,5	9	9	1,1	1	2,4	1,9	1,9	7	12,5	8	18				
10	10	-	8,5	8	11	11	13	13,5	1,5	1,5	3,3	2,4	-	8,5	18,5	12	23				
12	12	-	10	10	13	13	16	16	2,3	1,5	4	3,3	-	12	26,5	14	25				

Specification

- 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 (Polyacetal POM) **KD**
 - Temperature resistant up to 50 °C
- Pressure spring
 - Stainless steel AISI 631
- *Plastic Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- RoHS

2

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 (without Thread, with Ball)* → Page 984
 - *Spring Plungers GN 614.2 (Press-On Type, Ball Double Ended)* → Page 986

How to order

GN614-6-NI

1 d_1

2 Material