

# GN 614.5 | Ball spring plungers

Smooth body, technopolymer



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## BODY

Acetal resin based (POM) technopolymer.

## SPRING

AISI 631 stainless steel.

## STANDARD EXECUTIONS

- **GN 614.5-KD**: acetal resin based (POM) technopolymer ball.
- **GN 614.5-KU**: AISI 420C hardened stainless steel ball.

## WORKING TEMPERATURE

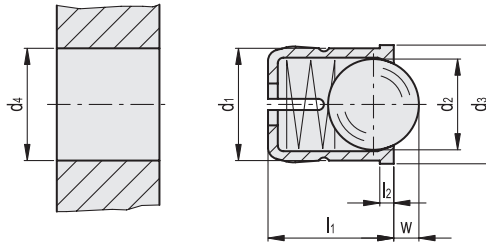
From -30°C to +50°C.

## FEATURES AND APPLICATIONS

The particular shape of the body of GN 614.5 plungers creates a self locking function within the mounting hole d4 (tolerance +0.2) with a simple manual assembly.



Conversion Table 1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39



## GN 614.5-KD

**METRIC**

Code	Description	d1+0.1	d2	d3	d4+0.2	l1±0.2	l2	w	Spring preload [N]	Spring max load [N]	⚖️
GN.32601	GN 614.5-4-KD	4	3	4.6	4	5	1	0.8	3	6.5	1
GN.32611	GN 614.5-5-KD	5	4	5.6	5	6	1	1	6	9.4	1
GN.32621	GN 614.5-6-KD	6	5	6.5	6	7	1	1.6	6.2	12.6	1
GN.32631	GN 614.5-8-KD	8	6.5	8.5	8	9	1	1.9	10	20.4	1
GN.32641	GN 614.5-10-KD	10	8	11	10	13.5	1.5	2.4	11.9	22.3	1

## GN 614.5-KU

Code	Description	d1+0.1	d2	d3	d4+0.2	l1±0.2	l2	w	Spring preload [N]	Spring max load [N]	⚖️
GN.32602	GN 614.5-4-KU	4	3	4.6	4	5	1	0.8	3	6.5	1
GN.32612	GN 614.5-5-KU	5	4	5.6	5	6	1	1	6	9.4	1
GN.32622	GN 614.5-6-KU	6	5	6.5	6	7	1	1.6	6.2	12.6	1
GN.32632	GN 614.5-8-KU	8	6.5	8.5	8	9	1	1.9	10	20.4	2
GN.32642	GN 614.5-10-KU	10	8	11	10	13.5	1.5	2.4	11.9	22.3	3

Indexing and positioning elements