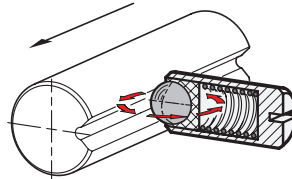


**Application example**



- 2 Type**
- K** Steel, standard spring load
  - KS** Steel, high spring load
  - KN** Stainless Steel, standard spring load
  - KSN** Stainless Steel, high spring load

**1**

d <sub>1</sub>	d <sub>2</sub>	Length l		A/F	w Compression	Spring load in N ≈ standard (Type K / KN)		Spring load in N ≈ high (Type KS / KSN)	
		GN 615.8	GN 615.9			initial	end	initial	end
M 5	2	12	14	2,5	0,5	4,8	6,8	10	14
M 6	2,5	14	15	3	0,7	6,3	10	11	16
M 8	3,5	16	18	4	0,95	16	24	23	40
M 10	4,5	19	23	5	1,4	18,8	31,7	28	54,3
M 12	6,5	22	26	6	2,3	26	49	39,5	77,3
M 16	8,5	24	33	8	3,1	38	68	50	88,7

**Specification**

- Type K / KS
  - Housing steel, blackened
  - Ball steel, hardened
- Type KN / KSN
  - Housing Stainless Steel AISI 303
  - Ball Stainless Steel AISI 420C, hardened
- Spring
  - Stainless Steel AISI 631
- Friction bearing
  - Plastic
  - temperature resistant up to 90 °C
- Identification of type KS / KSN:
  - Housing with 2 longitudinal markings



- *Stainless Steel characteristics* → Page 1489
- **RoHS compliant**

**Information**

GN 615.8 / GN 615.9 spring plungers are used for locking as well as for pressure and hold-off functions.

The ball is mounted in a plastic shell so as to be freely movable, which enables rolling and therefor generally optimizes the locking characteristics. Above all, this reduces wear on the counter piece.

A further characteristic of these plungers is that the plastic bearing acts as an electrical insulator.

see also...

- *Spring plungers GN 615.3 (Ball without friction bearing)* → Page 718

How to order (with slot)	1	d <sub>1</sub>
	2	Type
<b>GN 615.8-M8-K</b>		

How to order (with internal hexagon)	1	d <sub>1</sub>
	2	Type
<b>GN 615.9-M6-KN</b>		