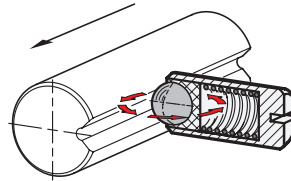


**Application example**



**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
- Pressure 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 2166

• RoHS

**Information**

Spring plungers GN 615.8 / GN 615.9 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 (Ball without Friction Bearing)* → Page 976

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

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