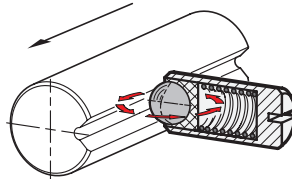


Application example



STAIN
LESS
*

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 ₁	d ₂	Length l	w Compression	Spring load in N ≈ Standard (Type K / KN)		High (Type KS / KSN)	
				Initial	End	Initial	End
M 5	2	12	0,5	4,8	6,8	10	14
M 6	2,5	14	0,7	6,3	10	11	16
M 8	3,5	16	0,95	16	24	23	40
M 10	4,5	19	1,4	18,8	31,7	28	54,3
M 12	6,5	22	2,3	26	49	39,5	77,3
M 16	8,5	24	3,1	38	68	50	88,7

Specification

Housing

- Steel
- Blackened for type K / KS
- Stainless steel AISI 303 for type KN / KSN

Ball

- Steel
- Hardened for type KN / KSN
- Stainless steel AISI 420C, hardened for type KN / KSN

Friction bearing

- Plastic
- Operating temperature up to 90 °C

Pressure spring

Stainless steel AISI 631

RoHS

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...

GN 615 Spring Plungers Page QVX

Technical Information

Stainless Steel Characteristics QVX

Accessory

GN 3492 Mounting Blocks (Stainless steel) QVX

How to order (with Slot)

GN 615.8-M8-K	1	d ₁
	2	Type

How to order (with Internal Hex)

GN 615.9-M6-KN	1	d ₁
	2	Type