

Threaded ball spring plungers

RoHS

• Threaded body

AISI 303 stainless steel, hexagon socket head.

• Ball and spring

- Version **KN**:
hardened stainless steel ball, stainless steel spring with normal end-force.

- Version **KSN**:
hardened stainless steel ball, stainless steel spring with heavy end-force.

• Thread locking

- Type **KN-PFB**: thread locking by means of polyamide blue coating (M3 to M16) (see catalogue 038, page A23).

- Type **KSN-PFB**: thread locking by means of polyamide green coating (M3 to M16) (see catalogue 038, page A23).

Marking of the types KSN/KSN-PFB: Housing with two longitudinal markings.

Special executions on request (For sufficient quantities)

- Version **KN-PFB**:

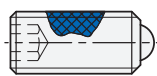
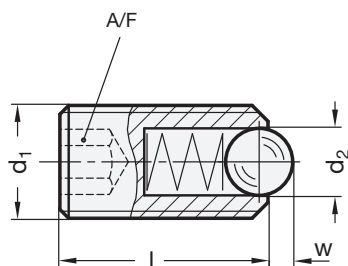
thread locking by means of polyamide blue coating (M20 and M24) (see catalogue 038, page A23).

- Version **KN-MVK, KSN-MVK**:

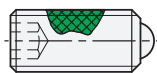
thread locking by means of micro-encapsulated red patch (M20 and M24) (see catalogue 038, page A22).

Features and applications

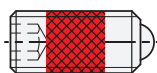
GN 615.3-NI threaded ball spring plungers represent a further development of plungers type GN 615-NI, for special applications which require the fixation by means of a socket screw.



Thread locking **PFB**
Polyamide patch
for type **K** and **KN**



Thread locking **PFB**
Polyamide patch
for type **KS** and **KSN**



Thread locking **MVK**
Micro encapsulation precote
(for all types)

Standard Elements	Main dimensions					Spring pressure in N \approx		\triangle
	Description	d1	d2	l ± 0.1	w	A/F	Preload	
GN 615.3-M3-KN	M3	1.5	8	0.4	1.5	3	4.5	2
GN 615.3-M4-KN	M4	2.5	12	0.8	2	6	14.5	4
GN 615.3-M5-KN	M5	3	14	0.9	2.5	8	14	5
GN 615.3-M6-KN	M6	3.5	15	1	3	11	18	6
GN 615.3-M8-KN	M8	4.5	18	1.5	4	18	31	10
GN 615.3-M10-KN	M10	6	23	2	5	24	45	12
GN 615.3-M12-KN	M12	8	26	2.5	6	26	49	25
GN 615.3-M16-KN	M16	10	33	3.5	8	41	86	32
GN 615.3-M20-KN	M20	12	43	4.5	10	56	111	37
GN 615.3-M24-KN	M24	15	48	5.5	12	81	151	43
GN 615.3-M5-KSN	M5	3	14	0.9	2.5	8	14	1
GN 615.3-M6-KSN	M6	3.5	15	1	3	11	18	2
GN 615.3-M8-KSN	M8	4.5	18	1.5	4	18	31	4
GN 615.3-M10-KSN	M10	6	23	2	5	24	45	8
GN 615.3-M12-KSN	M12	8	26	2.5	6	26	49	13
GN 615.3-M16-KSN	M16	10	33	3.5	8	41	86	32
GN 615.3-M20-KSN	M20	12	43	4.5	10	56	111	36
GN 615.3-M24-KSN	M24	15	48	5.5	12	81	151	43