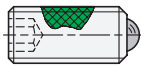
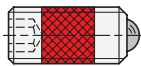


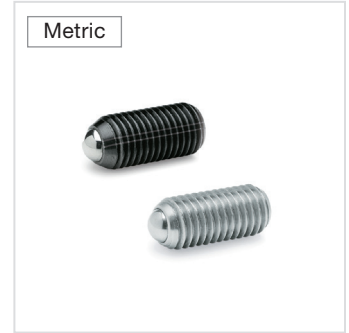
Thread locking **PFB**
Polyamide patch blue
for type **K** and **KN**



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



Thread locking **MVK**
Micro encapsulation (Precote 80)
for all types



SS Stainless Steel

2 Type

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

Metric table

1

Dimensions in: millimeters - inches

d ₁	d ₂	Length l ±0.1	w	A/F	Spring load ≈ (Type K / KN)		Spring load ≈ (Type KS / KSN)	
					Initial	End	Initial	End
M 3	1.5 0.06	8 0.31	0.4 0.02	1.5	3 N 0.67 lbf	4.5 N 1.01 lbf	5 N 1.12 lbf	9 N 2.02 lbf
M 4	2.5 0.10	12 0.47	0.8 0.03	2	8.5 N 1.91 lbf	14 N 3.15 lbf	12 N 2.70 lbf	18 N 4.05 lbf
M 5	3 0.12	14 0.55	0.9 0.04	2.5	8 N 1.80 lbf	14 N 3.15 lbf	15 N 3.37 lbf	22 N 4.95 lbf
M 6	3.5 0.14	15 0.59	1 0.04	3	11 N 2.47 lbf	18 N 4.05 lbf	19 N 4.27 lbf	28 N 6.29 lbf
M 8	4.5 0.18	18 0.71	1.5 0.06	4	18 N 4.05 lbf	31 N 6.97 lbf	36 N 8.09 lbf	62 N 13.94 lbf
M 10	6 0.24	23 0.91	2 0.08	5	24 N 5.40 lbf	45 N 10.12 lbf	57 N 12.81 lbf	104 N 23.38 lbf
M 12	8 0.31	26 1.02	2.5 0.10	6	26 N 5.85 lbf	49 N 11.02 lbf	61 N 13.71 lbf	110 N 24.73 lbf
M 16	10 0.39	33 1.30	3.5 0.14	8	41 N 9.22 lbf	86 N 19.33 lbf	68 N 15.29 lbf	142 N 31.92 lbf
M 20	12 0.47	43 1.69	4.5 0.18	10	56 N 12.59 lbf	111 N 24.95 lbf	84 N 18.88 lbf	166 N 37.32 lbf
M 24	15 0.59	48 1.89	5.5 0.22	12	81 N 18.21 lbf	151 N 33.95 lbf	127 N 28.55 lbf	237 N 53.28 lbf

* Not available from stock, requires a minimum order quantity

Specification

3

- Type K / KS
 - Steel housing, blackened finish
 - Steel ball, hardened
- Type KN / KSN
 - Stainless steel housing AISI 303
 - Stainless steel ball AISI 420C, hardened
- Spring
 - Stainless steel AISI 631
- Identification of Type KS / KSN
 - Housing with 2 longitudinal markings
- Thread lockings (optional)
 - Polyamide patch **PFB**
M3 - M16
M20, M24*
 - Micro encapsulation precote **MVK***
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

The **PFB** (Polyamide) patch types are a thread jamming material which also provides some antivibration properties to hold the ball plungers in place. The coating for type K or KN (standard spring load) is indicated in blue, for type KS or KSN (high spring load) in green. For this type of thread locking, a relatively high torque is required. Therefore, this version with internal hex is more preferable than the version with a slot (GN 615).

MVK (Micro encapsulation precote) is a type of a thread locking glue (indicated in red) that surrounds the circumference of the threaded body as shown.

see also...

- *More Information on Thread Lockings* → page 2150

How to order (Without thread locking)	
1 Thread d ₁	GN615.3-M8-K
2 Type	

How to order (With thread locking)	
1 Thread d ₁	GN615.3-M6-KN-PFB
2 Type	
3 Thread locking	