

1 **THREADED BODY**

Black-oxide steel.

2 **PLUNGER**

Black-oxide steel with hardened end.

Suggested tolerance for matching hole = H7.

3 **LOCKING NUT**

Black-oxide steel.

4 **KNOB**

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

5 **STANDARD EXECUTIONS**

- **GN 617-A:** with knob, without locking nut.

- **GN 617-AK:** with knob and locking nut.

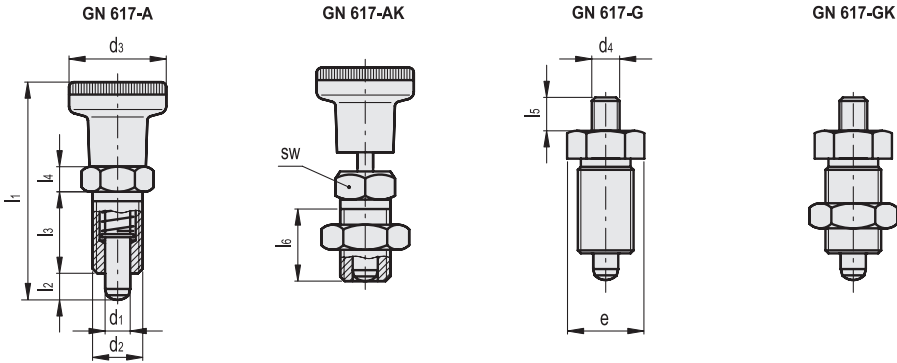
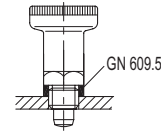
- **GN 617-G:** without knob, without locking nut.

- **GN 617-GK:** without knob, with locking nut.

GN 617-G and GN 617-GK, without knob, are provided with threaded drive rod for combination with knobs on customer's request or to join the rod to an operating mechanism of the machine.

6 **ACCESSORIES ON REQUEST**

AISI 303 stainless steel distance bushings GN 609.5 (see page 1030) for assembling the plunger on thin sheets.



| Code      | Description        | d1 -0.0008<br>+0.0015 | d2 2A  | d3   | d4 | e    | l1   | l2   | l3   | l4   | l5   | l6   | sw   | Spring<br>pressure<br>Preload<br>[lbf] | Spring<br>pressure<br>Max. load<br>[lbf] |  |
|-----------|--------------------|-----------------------|--------|------|----|------|------|------|------|------|------|------|------|----------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|
| GN.935101 | GN 617-5-3/8-24-A  | 0.2                   | 3/8-24 | 0.83 | -  | 0.54 | 1.77 | 0.2  | 0.67 | 0.2  | -    | 0.59 | 0.47 | 2                                      | 4                                        | 0.04                                                                                  |
| GN.935111 | GN 617-6-1/2-13-A  | 0.24                  | 1/2-13 | 0.98 | -  | 0.64 | 2.15 | 0.24 | 0.79 | 0.24 | -    | 0.67 | 0.55 | 2                                      | 5                                        | 0.07                                                                                  |
| GN.935121 | GN 617-8-5/8-11-A  | 0.31                  | 5/8-11 | 1.22 | -  | 0.86 | 2.72 | 0.31 | 1.02 | 0.31 | -    | 0.91 | 0.75 | 2                                      | 7                                        | 0.15                                                                                  |
| GN.935102 | GN 617-5-3/8-24-AK | 0.2                   | 3/8-24 | 0.83 | -  | 0.54 | 1.77 | 0.2  | 0.67 | 0.2  | -    | 0.59 | 0.47 | 2                                      | 4                                        | 0.05                                                                                  |
| GN.935112 | GN 617-6-1/2-13-AK | 0.24                  | 1/2-13 | 0.98 | -  | 0.64 | 2.15 | 0.24 | 0.79 | 0.24 | -    | 0.67 | 0.55 | 2                                      | 5                                        | 0.09                                                                                  |
| GN.935122 | GN 617-8-5/8-11-AK | 0.31                  | 5/8-11 | 1.22 | -  | 0.86 | 2.72 | 0.31 | 1.02 | 0.31 | -    | 0.91 | 0.75 | 2                                      | 7                                        | 0.2                                                                                   |
| GN.935106 | GN 617-5-3/8-24-G  | 0.2                   | 3/8-24 | 0.83 | M5 | 0.54 | 1.77 | 0.2  | 0.67 | 0.2  | 0.24 | 0.59 | 0.47 | 2                                      | 4                                        | 0.03                                                                                  |
| GN.935116 | GN 617-6-1/2-13-G  | 0.24                  | 1/2-13 | 0.98 | M6 | 0.64 | 2.15 | 0.24 | 0.79 | 0.24 | 0.39 | 0.67 | 0.55 | 2                                      | 5                                        | 0.06                                                                                  |
| GN.935126 | GN 617-8-5/8-11-G  | 0.31                  | 5/8-11 | 1.22 | M8 | 0.86 | 2.72 | 0.31 | 1.02 | 0.31 | 0.47 | 0.91 | 0.75 | 2                                      | 7                                        | 0.12                                                                                  |
| GN.935107 | GN 617-5-3/8-24-GK | 0.2                   | 3/8-24 | 0.83 | M5 | 0.54 | 1.77 | 0.2  | 0.67 | 0.2  | 0.24 | 0.59 | 0.47 | 2                                      | 4                                        | 0.05                                                                                  |
| GN.935117 | GN 617-6-1/2-13-GK | 0.24                  | 1/2-13 | 0.98 | M6 | 0.64 | 2.15 | 0.24 | 0.79 | 0.24 | 0.39 | 0.67 | 0.55 | 2                                      | 5                                        | 0.08                                                                                  |
| GN.935127 | GN 617-8-5/8-11-GK | 0.31                  | 5/8-11 | 1.22 | M8 | 0.86 | 2.72 | 0.31 | 1.02 | 0.31 | 0.47 | 0.91 | 0.75 | 2                                      | 7                                        | 0.16                                                                                  |