

GN 816 | Indexing plungers

Safety stop, steel



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

1 THREADED BODY

Zinc-plated steel.

2 PLUNGER

AISI 303 stainless steel.

3 LOCKING NUT

Zinc-plated steel.

4 KNOB AND SLEEVE

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

5 STANDARD EXECUTIONS

- **GN 816-A:** with knob, without locking nut.
 - **GN 816-AK:** with knob, with locking nut.
 - **GN 816-B:** with sleeve for operation with key, without locking nut.
 - **GN 816-BK:** with sleeve for operation with key, with locking nut.
- Key in high-resilience polyamide based (PA) technopolymer, black colour, matte finish. Zinc-plated steel hub.
Available as accessory sold separately (see table).

6 FEATURES AND APPLICATIONS

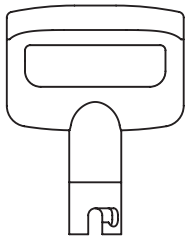
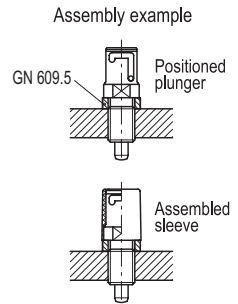
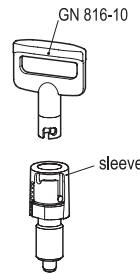
GN 816 indexing plungers are protruding in the rest position. By pulling the plunger inside the body and turning the knob by 90°, the plunger reaches the retracted safety position by means of the pin sliding inside a slit. The plunger returns into the original protruding position by pulling once again the knob, making it turn by 90° and releasing it. For GN 816-B and GN 816-BK the above operations may be carried out only by means of a key (to be ordered separately). Supplied with the technopolymer sleeve not assembled. It can be assembled eventually by a simple pressure.

7 ACCESSORIES ON REQUEST

- GN 609.5: AISI 303 stainless steel distance bushings for the assembly of the indexing plunger on thin sheets (see page 562).
- GN 816-10: key in high-resilience polyamide based (PA) technopolymer, black colour, matte finish. Zinc-plated steel hub. For all versions.

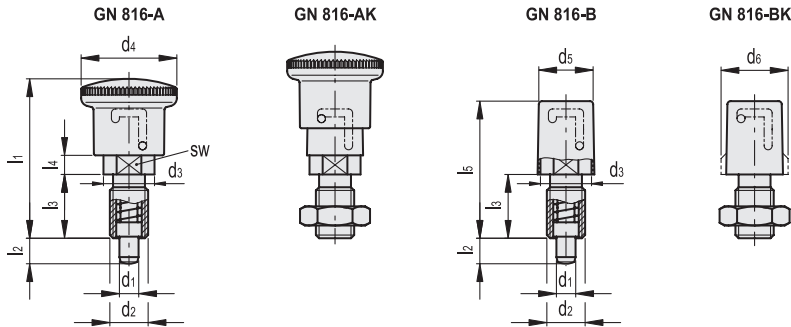
8 SPECIAL EXECUTIONS ON REQUEST

Indexing plungers with red clamping knob (GN 816-AR).



GN 816-10

| Code | Description | |
|----------|-------------|----|
| GN.39901 | GN 816-10 | 10 |



GN 816-A

| Code | Description | d1 Plunger -0.05 Hole +0.15 +0.07 | d2 | d3 | d4 | l1 | l2 | l3 | l4 | sw | Spring preload [N] | Spring max load [N] | ⚖ |
|----------|---------------------|---|---------|----|----|----|----|----|----|----|--------------------------|---------------------------|----|
| GN.39911 | GN 816-6-M12x1.5-A | 6 | M12x1.5 | 16 | 28 | 50 | 8 | 20 | 6 | 14 | 13 | 28 | 50 |
| GN.39917 | GN 816-8-M12X1.5-A | 8 | M12x1.5 | 16 | 28 | 50 | 8 | 20 | 6 | 14 | 13 | 28 | 55 |
| GN.39921 | GN 816-8-M16x1.5-A | 8 | M16x1.5 | 18 | 28 | 52 | 10 | 22 | 6 | 16 | 14 | 38 | 58 |
| GN.39927 | GN 816-10-M16X1.5-A | 10 | M16x1.5 | 18 | 28 | 52 | 10 | 22 | 6 | 16 | 14 | 38 | 64 |

GN 816-AK

| Code | Description | d1 Plunger -0.05 Hole +0.15 +0.07 | d2 | d3 | d4 | l1 | l2 | l3 | l4 | sw | Spring preload [N] | Spring max load [N] | ⚖ |
|----------|----------------------|---|---------|----|----|----|----|----|----|----|--------------------------|---------------------------|----|
| GN.39912 | GN 816-6-M12x1.5-AK | 6 | M12x1.5 | 16 | 28 | 50 | 8 | 20 | 6 | 14 | 13 | 28 | 53 |
| GN.39918 | GN 816-8-M12X1.5-AK | 8 | M12x1.5 | 16 | 28 | 50 | 8 | 20 | 6 | 14 | 13 | 28 | 58 |
| GN.39922 | GN 816-8-M16x1.5-AK | 8 | M16x1.5 | 18 | 28 | 52 | 10 | 22 | 6 | 16 | 14 | 38 | 64 |
| GN.39928 | GN 816-10-M16X1.5-AK | 10 | M16x1.5 | 18 | 28 | 52 | 10 | 22 | 6 | 16 | 14 | 38 | 68 |

GN 816-B

| Code | Description | d1 Plunger -0.05 Hole +0.15 +0.07 | d2 | d3 | d5 | d6 | l2 | l3 | l4 | l5 | sw | Spring preload [N] | Spring max load [N] | ⚖ |
|----------|---------------------|--|---------|----|----|----|----|----|----|----|----|--------------------------|---------------------------|----|
| GN.39915 | GN 816-6-M12x1.5-B | 6 | M12x1.5 | 16 | 17 | - | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 30 |
| GN.39919 | GN 816-8-M12X1.5-B | 8 | M12x1.5 | 16 | 17 | - | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 35 |
| GN.39925 | GN 816-8-M16x1.5-B | 8 | M16x1.5 | 18 | 17 | 20 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 38 |
| GN.39929 | GN 816-10-M16X1.5-B | 10 | M16x1.5 | 18 | 17 | 20 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 44 |

GN 816-BK

| Code | Description | d1 Plunger -0.05 Hole +0.15 +0.07 | d2 | d3 | d5 | d6 | l2 | l3 | l4 | l5 | sw | Spring preload [N] | Spring max load [N] | ⚖ |
|----------|----------------------|---|---------|----|----|----|----|----|----|----|----|--------------------------|---------------------------|----|
| GN.39916 | GN 816-6-M12x1.5-BK | 6 | M12x1.5 | 16 | 17 | - | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 33 |
| GN.39920 | GN 816-8-M12X1.5-BK | 8 | M12x1.5 | 16 | 17 | - | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 38 |
| GN.39926 | GN 816-8-M16x1.5-BK | 8 | M16x1.5 | 18 | 17 | 20 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 42 |
| GN.39930 | GN 816-10-M16X1.5-BK | 10 | M16x1.5 | 18 | 17 | 20 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 48 |