



with plunger in rest position
(if $l_1 = d_1$)



2.1

2.2

2.3

2.4

1

2

d_1 Plunger Bore H7	l_1	b_1	b_2	d_2 $^{+0.02}$ $_{-0.1}$	d_3	d_4	d_5	k	l_2	l_3 -0,15	l_4	l_5 Stroke	Spring load in N initial	Spring load in N end	Axial load in N
6	6	40	18	10	25	4,3	8,3	30	37	2,5	4,5	6	8,5	22	400
6	14	40	18	10	25	4,3	8,3	30	45	2,5	4,5	6	8,5	22	400
8	8	46	20	12	31	5,3	10,4	34	44	2,5	5,5	8	15,5	28	500
8	18	46	20	12	31	5,3	10,4	34	54	2,5	5,5	8	15,5	28	500

2.5

2.6

Specification

- Guide
Zinc die casting
zinc plated, blue passivated
- Knob
Plastic (Polyamide PA)
- black, matt
- not removable
- **GN 608.1**
- Plunger Steel, hardened
- Single components Steel / Brass
- **GN 608.6**
- Plunger Stainless Steel AISI 303
chemically nickel plated
- Single components Stainless Steel
- ISO-Fundamental Tolerances → Page 1132
- Stainless Steel characteristics → Page 1144
- Plastic characteristics → Page 1141
- RoHS compliant

Information

Indexing plungers GN 608.1 / GN 608.6 with rest position are used for such applications where the plunger has to stay in its retracted position. To achieve this, the knob is rotated by 90° degrees after being retracted. A notch keeps the plunger in this position.

Indexing plungers GN 608.1 / GN 608.6 are distinguished for their small dimensions. The locking tab is integrated into the knob thus giving reliable operation at all times.

see also...

- Range of indexing plungers → Page 402
- Positioning bushings GN 412.2 → Page 454

2.7

2.8

2.9

Plunger Steel	1	d_1
GN 608.1-8-8	2	l_1

Plunger Stainless Steel	1	d_1
GN 608.6-6-14	2	l_1