



ROSTFREI Rost frei  
Inox Stainless Steel  
Inch sizes available

- 3 Type**
- B** without rest position, without lock nut
  - BK** without rest position, with lock nut
  - C** with rest position, without lock nut
  - CK** with rest position, with lock nut
  - G** with threaded rod, without lock nut
  - GK** with threaded rod, with lock nut

1 2

d <sub>1</sub> Pin -0.02 +0.05 Bore H7	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	k	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	A/F	Spring load in N ≈	
													initial	end
4	4	M 8 x 1	16	M 3	7	14	35	16	5	4,5	2,5	10	4,5	12
4	6	M 8 x 1	16	M 3	7	14	35	16	5	4,5	2,5	10	4	12,5
5	5	M 10 x 1	19	M 4	8	16	40	18	6	5,5	3	12	5	15
5	8	M 10 x 1	19	M 4	8	16	40	18	6	5,5	3	12	5	18
6	6	M 12 x 1,5	23	M 5	9	20	48	22	6	7	3,5	14	6,5	19
6	9	M 12 x 1,5	23	M 5	9	20	48	22	6	7	3,5	14	6	25
8	8	M 16 x 1,5	28	M 6	10	24	58	26	8	8,5	4	17	8,5	26
8	12	M 16 x 1,5	28	M 6	10	24	58	26	8	8,5	4	17	8,5	28
10	12	M 16 x 1,5	28	M 6	10	24	58	26	8	8,5	4	17	9,5	38
12	15	M 20 x 1,5	33	M 6	12	28,5	71,5	33	10	8,5	4	22	11,5	40
16	20	M 24 x 2	33	M 8	15	28,5	78,5	38	12	11,5	5	27	13	54

**Specification**

- Steel —
- blackened
- Plunger pin hardened
- Stainless Steel AISI 303 **NI**  
Plunger pin chemically nickel plated
- Knob plastic (Polyamide PA)
- black, matte
- red, matte RAL 3000 **● RT**
- not removable
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS

**Information**

Indexing plungers GN 817 with rest position (Type C / CK) 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.

see also...

- Range of indexing plungers → Page 640 ff.

How to order (Steel)

**GN817-4-6-C**

1	d <sub>1</sub>
2	l <sub>1</sub>
3	Type

How to order (Stainless Steel)

**GN817-6-9-B-NI**

1	d <sub>1</sub>
2	l <sub>1</sub>
3	Type
4	Material