

## Indexing plungers

Steel / Stainless Steel, with and without rest position

### SPECIFICATION

#### Types

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

#### Steel

- blackened
- Pin hardened

#### Stainless Steel AISI 303 NI

Pin chemically nickel plated

#### Knob Plastic (Polyamide PA)

- black, matt
- red **RT** RAL 3000 (add RT on order code)
- not removable



### INFORMATION

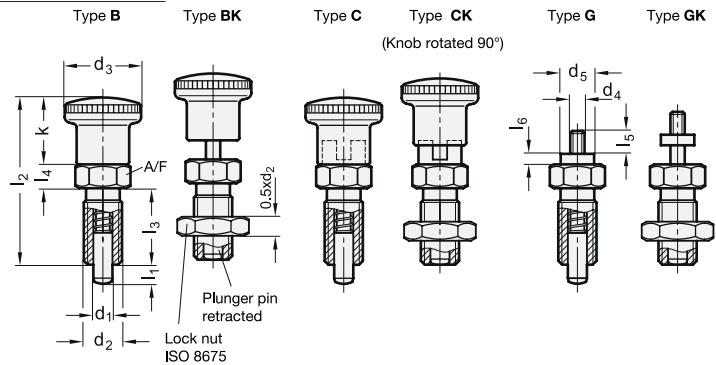
Indexing plungers GN 817 with rest position (Type C / CK) are used for such applications where the plunger has to stay in its retracted position.

To achieve this, the knob is rotated by 90° degrees after being retracted. A notch keeps the plunger in this position.

- Range of indexing plungers (see page 738)

### TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)
- Stainless Steel characteristics (see page A26)
- Plastic characteristics (see page A2)



\* Complete with type index of the Indexing plungers (B, BK, C, CK, G or GK)

B BK C CK G GK

### GN 817

Description	d1 Pin -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	l6	A/F	Spring load in N $\approx$ initial	Spring load in N $\approx$ end	
GN 817-4-4-*	4	4	M 8 x 1	16	M 3	7	14	35	16	5	4.5	2.5	10	4.5	12	11
GN 817-4-6-*	4	6	M 8 x 1	16	M 3	7	14	35	16	5	4.5	2.5	10	4	12.5	12
GN 817-5-5-*	5	5	M 10 x 1	19	M 4	8	16	40	18	6	5.5	3	12	5	15	19
GN 817-5-8-*	5	8	M 10 x 1	19	M 4	8	16	40	18	6	5.5	3	12	5	18	20
GN 817-6-6-*	6	6	M 12 x 1.5	23	M 5	9	20	48	22	6	7	3.5	14	6.5	19	30
GN 817-6-9-*	6	9	M 12 x 1.5	23	M 5	9	20	48	22	6	7	3.5	14	6	25	31
GN 817-8-8-*	8	8	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	8.5	26	64
GN 817-8-12-*	8	12	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	8.5	28	65
GN 817-10-12-*	10	12	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	9.5	38	65
GN 817-12-15-*	12	15	M 20 x 1.5	33	M 6	12	28.5	71.5	33	10	8.5	4	22	11.5	40	118
GN 817-16-20-*	16	20	M 24 x 2	33	M 8	15	28.5	78.5	38	12	11.5	5	27	13	54	203

Weight type B

\* Complete with type index of the Indexing plungers (B, BK, C, CK, G or GK)

B BK C CK G GK

### GN 817-NI

STAINLESS STEEL

Description	d1 Pin -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	l6	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 817-4-4-*-NI	4	4	M 8 x 1	16	M 3	7	14	35	16	5	4.5	2.5	10	4.5	12	11
GN 817-4-6-*-NI	4	6	M 8 x 1	16	M 3	7	14	35	16	5	4.5	2.5	10	4	12.5	11
GN 817-5-5-*-NI	5	5	M 10 x 1	19	M 4	8	16	40	18	6	5.5	3	12	5	15	19
GN 817-5-8-*-NI	5	8	M 10 x 1	19	M 4	8	16	40	18	6	5.5	3	12	5	18	19
GN 817-6-6-*-NI	6	6	M 12 x 1.5	23	M 5	9	20	48	22	6	7	3.5	14	6.5	19	30
GN 817-6-9-*-NI	6	9	M 12 x 1.5	23	M 5	9	20	48	22	6	7	3.5	14	6	25	30
GN 817-8-8-*-NI	8	8	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	8.5	26	63
GN 817-8-12-*-NI	8	12	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	8.5	28	63
GN 817-10-12-*-NI	10	12	M 16 x 1.5	28	M 6	10	24	58	26	8	8.5	4	17	9.5	38	66
GN 817-12-15-*-NI	12	15	M 20 x 1.5	33	M 6	12	28.5	71.5	33	10	8.5	4	22	11.5	40	118
GN 817-16-20-*-NI	16	20	M 24 x 2	33	M 8	15	28.5	78.5	38	12	11.5	5	27	13	54	260

\* Complete with type index of the Indexing plungers (B, BK, C or CK)

B BK C CK

### GN 817 (red knob)

Description	d1 Pin -0.02/-0.05 Bore H7	l1	d2	d3	k	l2	l3	l4	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 817-4-4-*-RT	4	4	M 8 x 1	16	14	35	16	5	10	4.5	12	11
GN 817-4-6-*-RT	4	6	M 8 x 1	16	14	35	16	5	10	4	12.5	12
GN 817-5-5-*-RT	5	5	M 10 x 1	19	16	40	18	6	12	5	15	19
GN 817-5-8-*-RT	5	8	M 10 x 1	19	16	40	18	6	12	5	18	19
GN 817-6-6-*-RT	6	6	M 12 x 1.5	23	20	48	22	6	14	6.5	19	31
GN 817-6-9-*-RT	6	9	M 12 x 1.5	23	20	48	22	6	14	6	25	30
GN 817-8-8-*-RT	8	8	M 16 x 1.5	28	24	58	26	8	17	8.5	26	63
GN 817-8-12-*-RT	8	12	M 16 x 1.5	28	24	58	26	8	17	8.5	28	65
GN 817-10-12-*-RT	10	12	M 16 x 1.5	28	24	58	26	8	17	9.5	38	70
GN 817-12-15-*-RT	12	15	M 20 x 1.5	33	28.5	71.5	33	10	22	11.5	40	118
GN 817-16-20-*-RT	16	20	M 24 x 2	33	28.5	78.5	38	12	27	13	54	203

### GN 817-NI (red knob)

STAINLESS STEEL

Description	d1 Pin -0.02/-0.05 Bore H7	l1	d2	d3	k	l2	l3	l4	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 817-4-4-*-NI-RT	4	4	M 8 x 1	16	14	35	16	5	10	4.5	12	12
GN 817-4-6-*-NI-RT	4	6	M 8 x 1	16	14	35	16	5	10	4	12.5	12
GN 817-5-5-*-NI-RT	5	5	M 10 x 1	19	16	40	18	6	12	5	15	19
GN 817-5-8-*-NI-RT	5	8	M 10 x 1	19	16	40	18	6	12	5	18	19
GN 817-6-6-*-NI-RT	6	6	M 12 x 1.5	23	20	48	22	6	14	6.5	19	30
GN 817-6-9-*-NI-RT	6	9	M 12 x 1.5	23	20	48	22	6	14	6	25	30
GN 817-8-8-*-NI-RT	8	8	M 16 x 1.5	28	24	58	26	8	17	8.5	26	63
GN 817-8-12-*-NI-RT	8	12	M 16 x 1.5	28	24	58	26	8	17	8.5	28	63
GN 817-10-12-*-NI-RT	10	12	M 16 x 1.5	28	24	58	26	8	17	9.5	38	69
GN 817-12-15-*-NI-RT	12	15	M 20 x 1.5	33	28.5	71.5	33	10	22	11.5	40	118
GN 817-16-20-*-NI-RT	16	20	M 24 x 2	33	28.5	78.5	38	12	27	13	54	200

Weight type B



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