

Indexing plungers

Steel / Stainless Steel, removable, with or 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

Version in Steel ST

blackened

- Threaded body
- Lock nut

Version in Stainless Steel NI

- Threaded body, AISI 303
- Lock nut, AISI 304

Pin

Stainless Steel AISI 303

Countersunk screw DIN 7991

Stainless Steel AISI 304

Knob

- Plastic (Polyamide PA)
- black, matt



INFORMATION

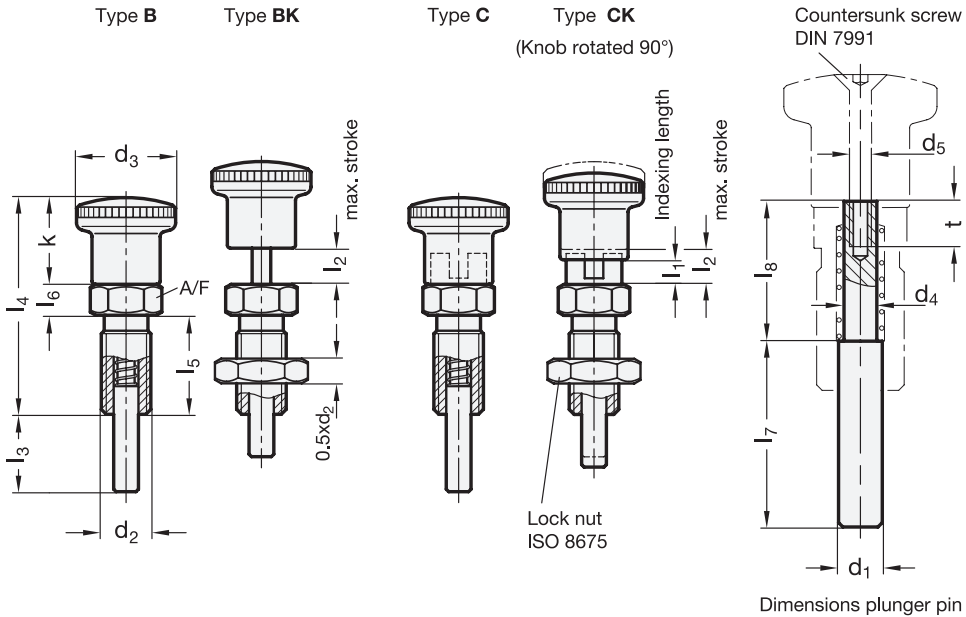
Indexing plungers GN 817.8 have been designed such that special versions of the indexing pins can also be made economically in smaller unit quantities.

If required, the indexing pins can be machined or made by the user as shown in the drawing above. They are assembled with a countersunk screw and can therefore be assembled several times. All parts are supplied in a non-assembled set.

The indexing plungers 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.

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 or CK)
 B BK C CK

GN 817.8

Description	d1 Pin -0.02/-0.05 Bore H7	l1	l2	d2	d3	d4 -0.02 -0.1	d5	k	l3	l4	l5	l6	l7	l8 ±0.1	t	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 817.8-7-6-*-ST	7	6	8	M12x1.5	23	5	M3	20	20	48	22	6	31	17.6	7	14	6.5	19	20
GN 817.8-7-9-*-ST	7	9	11	M12x1.5	23	5	M3	20	20	48	22	6	27.5	21.1	7	14	6	25	53
GN 817.8-8-8-*-ST	8	8	10	M16x1.5	28	6	M4	24	25	58	26	8	39	20.6	8	17	8.5	26	72
GN 817.8-8-12-*-ST	8	12	14	M16x1.5	28	6	M4	24	25	58	26	8	34	25.6	8	17	8.5	28	93
GN 817.8-10-12-*-ST	10	12	14	M16x1.5	28	7.5	M4	24	30	58	26	8	39.2	25.4	8	17	9.5	38	75
GN 817.8-12-15-*-ST	12	15	17	M20x1.5	33	9	M6	28.5	35	71.5	33	10	47.3	31.3	13.5	22	11.5	40	147

GN 817.8-NI

STAINLESS STEEL

Description	d1 Pin -0.02/-0.05 Bore H7	l1	l2	d2	d3	d4 -0.02 -0.1	d5	k	l3	l4	l5	l6	l7	l8 ±0.1	t	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 817.8-7-6-*-NI	7	6	8	M12x1.5	23	5	M3	20	20	48	22	6	31	17.6	7	14	6.5	19	20
GN 817.8-7-9-*-NI	7	9	11	M12x1.5	23	5	M3	20	20	48	22	6	27.5	21.1	7	14	6	25	53
GN 817.8-8-8-*-NI	8	8	10	M16x1.5	28	6	M4	24	25	58	26	8	39	20.6	8	17	8.5	26	68
GN 817.8-8-12-*-NI	8	12	14	M16x1.5	28	6	M4	24	25	58	26	8	34	25.6	8	17	8.5	28	75
GN 817.8-10-12-*-NI	10	12	14	M16x1.5	28	7.5	M4	24	30	58	26	8	39.2	25.4	8	17	9.5	38	84
GN 817.8-12-15-*-NI	12	15	17	M20x1.5	33	9	M6	28.5	35	71.5	33	10	47.3	31.3	13.5	22	11.5	40	148

Weight type B



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Indexing elements