


3 Type

- B** without rest position
C with rest position

1

2

d ₁ Pin h6	l ₁	l ₂ Stroke	l ₃	b	d ₂	d ₃	d ₄	k	l ₄	l ₅	l ₆	l ₇ Page 682	l ₈ Page 682		l ₉ Page 682	Spring load in N ≈	
													min.	max.		initial	end
6	18	9	9	13	23	4,3	34	23	45	6	25	7	9	10	17,5	6	25
6	24	9	15	13	23	4,3	34	23	45	6	25	7	15	16	23,5	6	25
8	20	10,6	9,4	16	28	5,3	38	26	51	8	27	9	9,4	10	19,5	8,5	28
8	26	10,6	15,4	16	28	5,3	38	26	51	8	27	9	15,4	16	25,5	8,5	28
10	24	12,6	11,4	16	28	5,3	38	26	51	8	27	11	11,4	12	23,5	11,5	40
10	32	12,6	19,4	16	28	5,3	38	26	51	8	27	11	19,4	20	31,5	11,5	40

Specification

- Steel
 - blackened
 - Plunger pin hardened and ground

- Knob
 - Plastic (Polyamide PA)
 - black, matte
 - not removable

- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Plastic characteristics → Page 1483

• RoHS

Accessory

- Guide bushings DIN 172 (cylindrical, with collar) → Page 683
- Guide bushings DIN 179 (cylindrical, without collar) → Page 683
- Guide bushings GN 172.1 (conical, with collar) → Page 683
- Guide bushings GN 179.1 (conical, without collar) → Page 683

Information

Indexing plungers GN 817.5 allow highly accurate locating, with the guidance made by the guide bushings DIN 172 / 179 with cylindrical bore. The actual indexing bore is fitted with guide bushings GN 172.1 / 179.1 with conical bores.

The conical shape of the plunger pin / the indexing bore makes the positioning virtually clearance-free and therefore highly precise.

Type C is 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...

- Construction and assembly instructions → Page 682
- List of indexing plunger types → Page 640 ff.

How to order

GN817.5-8-20-B

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|---|----------------|
| 1 | d ₁ |
| 2 | l ₁ |
| 3 | Type |