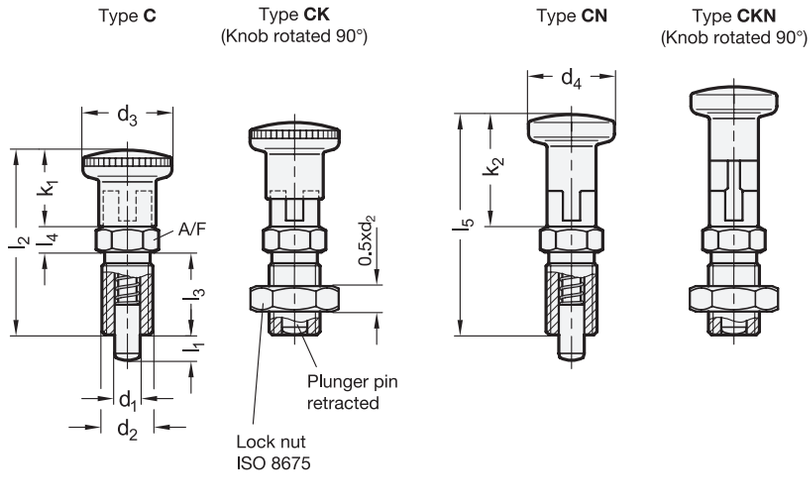

Metric

SS Stainless Steel

4	Type
C	With plastic knob, without lock nut
CK	With plastic knob, with lock nut
CN	With stainless steel knob, without lock nut
CKN	With stainless steel knob, with lock nut

Specification

5	
• Threaded body Stainless steel AISI 316 Plunger pin chemically nickel plated	**A4**
• Knob (Type C / CK) Plastic Technopolymer (Polyamide PA) - Black, matte finish - Not removable	
• Knob (Type CN / CKN) Stainless steel AISI 316 Not removable	
• Spring Stainless steel AISI 316Ti	
• *Load Rating Information* → *page 2103*	
• *ISO Fundamental Tolerances* → *page 2129*	
• *Plastic Characteristics* → *page 2135*	
• *Stainless Steel Characteristics* → *page 2143*	
• RoHS compliant	

Information

GN 818 indexing plungers are set apart by the materials used, allowing these plungers to withstand particularly corrosive environments.

Indexing plungers with lock-out are used for applications where the plunger pin needs 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 the retracted position.

see also...

- *List of Indexing Plunger Types* → *page 916*
- *Indexing Plungers GN 717 / GN 817 (Steel / Stainless Steel)* → *page 952 / 954 / 934*
- *Indexing Plungers GN 617 / GN 617.1 (Steel / Stainless Steel)* → *page 924 / 926*
- *Square Cam Action Spring Latches GN 722.1 (Steel / Stainless Steel)* → *page 1015*
- *Mini Indexing Plungers GN 822.7 (Stainless Steel)* → *page 970*

How to order

1 2 3 4 5
GN 818-5-5-M10X1-CK-A4

1	**Pin diameter d_1**
2	**Stroke l_1**
3	**Thread d_2**
4	**Type**
5	**Material**

Metric table

Dimensions in: millimeters - *inches*

d_1 Pin $^{-0.02}_{-0.05}$ Bore H7	l_1	d_2	d_3	d_4	k_1	k_2	l_2	l_3	l_4	l_5	A/F	Spring load ≈ Initial	Spring load ≈ End
4 *0.16*	4 *0.16*	M 8 x 1	16 *0.63*	16 *0.63*	14 *0.55*	20 *0.79*	35 *1.38*	16 *0.63*	5 *0.20*	41 *1.61*	10 *0.39*	3.5 N *0.79 lbf*	11 N *2.47 lbf*
4 *0.16*	6 *0.24*	M 8 x 1	16 *0.63*	16 *0.63*	14 *0.55*	22 *0.87*	35 *1.38*	16 *0.63*	5 *0.20*	43 *1.69*	10 *0.39*	3 N *0.67 lbf*	11 N *2.47 lbf*
5 *0.20*	5 *0.20*	M 10 x 1	19 *0.75*	18 *0.71*	16 *0.63*	24 *0.94*	40 *1.57*	18 *0.71*	6 *0.24*	48 *1.89*	12 *0.47*	3 N *0.67 lbf*	12 N *2.70 lbf*
5 *0.20*	8 *0.31*	M 10 x 1	19 *0.75*	18 *0.71*	16 *0.63*	27 *1.06*	40 *1.57*	18 *0.71*	6 *0.24*	51 *2.01*	12 *0.47*	3 N *0.67 lbf*	14 N *3.15 lbf*
6 *0.24*	6 *0.24*	M 12 x 1.5	23 *0.91*	22 *0.87*	20 *0.79*	29 *1.14*	48 *1.89*	22 *0.87*	6 *0.24*	57 *2.24*	14 *0.55*	4.5 N *1.01 lbf*	16 N *3.60 lbf*
6 *0.24*	9 *0.35*	M 12 x 1.5	23 *0.91*	22 *0.87*	20 *0.79*	32 *1.26*	48 *1.89*	22 *0.87*	6 *0.24*	60 *2.36*	14 *0.55*	4 N *0.90 lbf*	20 N *4.50 lbf*
8 *0.31*	8 *0.31*	M 16 x 1.5	28 *1.10*	27 *1.06*	24 *0.94*	35 *1.38*	58 *2.28*	26 *1.02*	8 *0.31*	69 *2.72*	17 *0.67*	6 N *1.35 lbf*	23 N *5.17 lbf*
8 *0.31*	12 *0.47*	M 16 x 1.5	28 *1.10*	27 *1.06*	24 *0.94*	39 *1.54*	58 *2.28*	26 *1.02*	8 *0.31*	73 *2.87*	17 *0.67*	7 N *1.57 lbf*	26 N *5.85 lbf*
10 *0.39*	12 *0.47*	M 16 x 1.5	28 *1.10*	27 *1.06*	24 *0.94*	41 *1.61*	58 *2.28*	26 *1.02*	8 *0.31*	75 *2.95*	17 *0.67*	7.5 N *1.69 lbf*	32 N *7.19 lbf*
12 *0.47*	15 *0.59*	M 20 x 1.5	33 *1.30*	32 *1.26*	28.5 *1.12*	46.5 *1.83*	71.5 *2.81*	33 *1.30*	10 *0.39*	89.5 *3.52*	22 *0.87*	9 N *2.02 lbf*	32 N *7.19 lbf*