



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

- Threaded body
Stainless steel AISI 316
Plunger pin chemically nickel plated
- 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](#)

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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

A4

How to order

GN818-5-5-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

1 d ₁ Pin -0.02 -0.05 Bore H7	2 l ₁	3 d ₂ Thread	d ₃	d ₄	k ₁	k ₂	l ₂	l ₃	l ₄	l ₅	A/F	Spring load ≈	
												Initial	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

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