



THREADED BODY

Zinc die-cast, zinc plated, blue passivated finish.

PLUNGER PIN

Stainless steel AISI 303.

KNOB

Tecnopolymer, Polyamide (PA).

- Operating temperature up to 230 °F (110 °C)
- Black, matte finish
- Not removable

LOCKING NUT

Steel, zinc plated, blue passivated finish.

SPRING

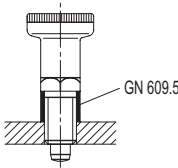
AISI 301 stainless steel.

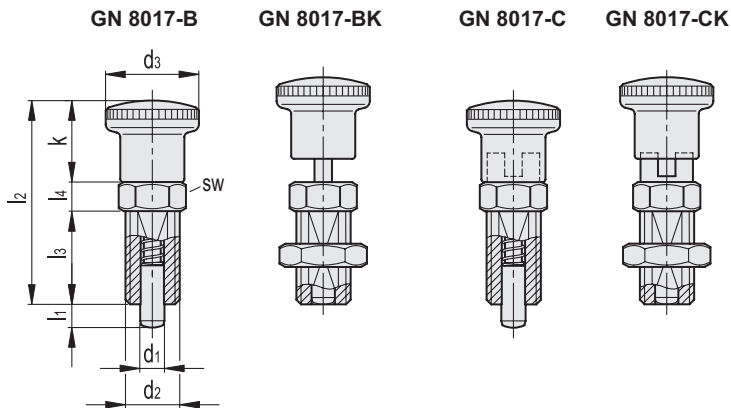
STANDARD EXECUTIONS

- **GN 8017-B**: without locking nut.
- **GN 8017-BK**: with locking nut.
- **GN 8017-C**: with rest position, without locking nut.
- **GN 8017-CK**: with rest position, with locking nut.

FEATURES AND APPLICATIONS

Indexing plungers with lock-out GN 8017 (type C / CK) 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. These zinc die-cast indexing plungers are economically priced.





GN 8017-B

INCH

Code	Description	d ₁ Plunger Hole $_{H7}^{-0.001-0.002}$	d ₂	d ₃	k	l ₁	l ₂	l ₃	l ₄	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	Maximum tightening torque [lbf ft] [Nm]	
GN.98017151	GN 8017-0.156-0.234-5/16-18-B	0.156	5/16 - 18	0.63	0.55	0.23	1.38	0.63	0.20	0.38	0.90	2.81	1.5	0.02
GN.98017251	GN 8017-0.187-0.312-3/8-16-B	0.187	3/8 - 16	0.75	0.63	0.31	1.57	0.75	0.19	0.50	1.12	4.05	3.0	0.04
GN.98017351	GN 8017-0.250-0.375-1/2-13-B	0.250	1/2 - 13	0.91	0.79	0.38	1.89	0.87	0.23	0.56	1.35	5.62	9.6	0.07
GN.98017451	GN 8017-0.312-0.468-5/8-11-B	0.312	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	1.91	8.54	12.5	0.14
GN.98017551	GN 8017-0.375-0.468-5/8-11-B	0.375	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	2.14	8.54	12.5	0.16

GN 8017-BK

INCH

Code	Description	d ₁ Plunger Hole $_{H7}^{-0.001-0.002}$	d ₂	d ₃	k	l ₁	l ₂	l ₃	l ₄	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	Maximum tightening torque [lbf ft] [Nm]	
GN.98017651	GN 8017-0.156-0.234-5/16-18-BK	0.156	5/16 - 18	0.63	0.55	0.23	1.38	0.63	0.20	0.38	0.90	2.81	1.5	0.03
GN.98017751	GN 8017-0.187-0.312-3/8-16-BK	0.187	3/8 - 16	0.75	0.63	0.31	1.57	0.75	0.19	0.50	1.12	4.05	3.0	0.05
GN.98017851	GN 8017-0.250-0.375-1/2-13-BK	0.250	1/2 - 13	0.91	0.79	0.38	1.89	0.87	0.23	0.56	1.35	5.62	9.6	0.08
GN.98017951	GN 8017-0.312-0.468-5/8-11-BK	0.312	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	1.91	8.54	12.5	0.16
GN.98018051	GN 8017-0.375-0.468-5/8-11-BK	0.375	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	2.14	8.54	12.5	0.19

GN 8017-C

INCH

Code	Description	d ₁ Plunger Hole $_{H7}^{-0.001-0.002}$	d ₂	d ₃	k	l ₁	l ₂	l ₃	l ₄	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	Maximum tightening torque [lbf ft] [Nm]	
GN.98018151	GN 8017-0.156-0.234-5/16-18-C	0.156	5/16 - 18	0.63	0.55	0.23	1.38	0.63	0.20	0.38	0.90	2.81	1.5	11
GN.98018251	GN 8017-0.187-0.312-3/8-16-C	0.187	3/8 - 16	0.75	0.63	0.31	1.57	0.75	0.19	0.50	1.12	4.05	3.0	19
GN.98018351	GN 8017-0.250-0.375-1/2-13-C	0.250	1/2 - 13	0.91	0.79	0.38	1.89	0.87	0.23	0.56	1.35	5.62	9.6	30
GN.98018451	GN 8017-0.312-0.468-5/8-11-C	0.312	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	1.91	8.54	12.5	64
GN.98018551	GN 8017-0.375-0.468-5/8-11-C	0.375	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	2.14	8.54	12.5	74

GN 8017-CK

INCH

Code	Description	d ₁ Plunger Hole $_{H7}^{-0.001-0.002}$	d ₂	d ₃	k	l ₁	l ₂	l ₃	l ₄	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	Maximum tightening torque [lbf ft] [Nm]	
GN.98018651	GN 8017-0.156-0.234-5/16-18-CK	0.156	5/16 - 18	0.63	0.55	0.23	1.38	0.63	0.20	0.38	0.90	2.81	1.5	0.03
GN.98018751	GN 8017-0.187-0.312-3/8-16-CK	0.187	3/8 - 16	0.75	0.63	0.31	1.57	0.75	0.19	0.50	1.12	4.05	3.0	0.05
GN.98018851	GN 8017-0.250-0.375-1/2-13-CK	0.250	1/2 - 13	0.91	0.79	0.38	1.89	0.87	0.23	0.56	1.35	5.62	9.6	0.08
GN.98018951	GN 8017-0.312-0.468-5/8-11-CK	0.312	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	1.91	8.54	12.5	0.16
GN.98019051	GN 8017-0.375-0.468-5/8-11-CK	0.375	5/8 - 11	1.10	0.94	0.47	2.28	1.00	0.34	0.69	2.14	8.54	12.5	0.19