



Indexing and positioning components

THREADED BODY

Black-oxide steel.

PLUNGER PIN

Black-oxide steel with hardened end.

Suggested tolerance for matching hole = H7.

LOCKING NUT

Black-oxide steel.

SPRING

AISI 301 stainless steel.

KNOB

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

STANDARD EXECUTIONS

- **GN 817-B:** without rest position, without locking nut.
- **GN 817-BK:** without rest position, with locking nut.
- **GN 817-C:** with rest position, without locking nut.
- **GN 817-CK:** with rest position, with locking nut.
- **GN 817-G:** with threaded rod, without lock nut.
- **GN 817-GK:** with threaded rod, with lock nut.

FEATURES AND APPLICATIONS

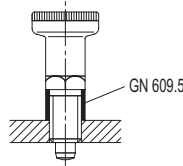
GN 817 indexing plungers offer the following advantages: 2 different strokes (l_1) for every plunger diameter (d_1), compact knobs, retracted position mechanism GN 817-C inside the knob.

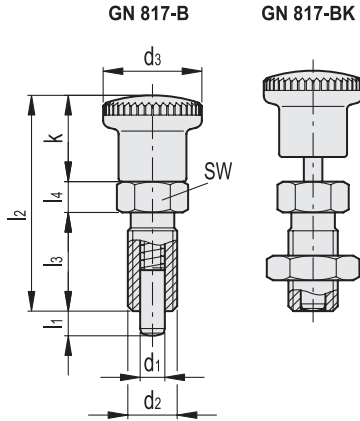
SPECIAL EXECUTIONS ON REQUEST

Indexing plungers with red clamping knob similar to RAL 3000 (GN 817-RT).

ACCESSORIES ON REQUEST

AISI 303 stainless steel distance bushings GN 609.5 for the assembly of the indexing plunger on thin sheets.





GN 817-B

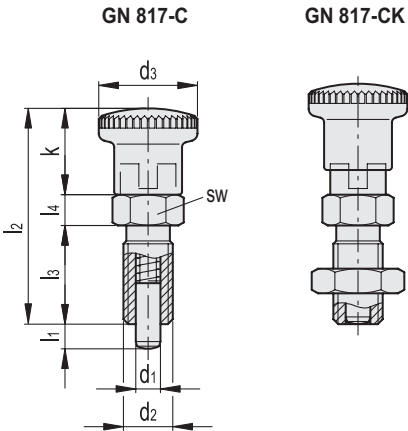
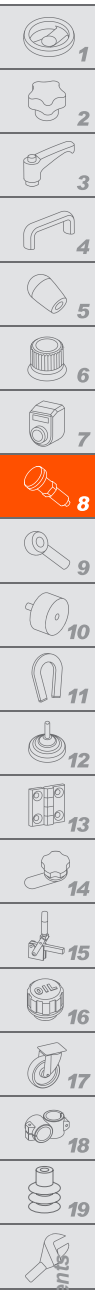
INCH

Code	Description	d ₁ Plunger Hole H ₇ -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]	
GN.94100151	GN 817-4-4-5/16-18-B	0.157	5/16 - 18	0.63	0.55	0.16	1.38	0.63	0.20	0.39	1.01	2.70	0.02
GN.94100251	GN 817-4-6-5/16-18-B	0.157	5/16 - 18	0.63	0.55	0.24	1.38	0.63	0.20	0.39	0.90	2.81	0.02
GN.94100351	GN 817-5-5-3/8-16-B	0.197	3/8 - 16	0.75	0.63	0.20	1.57	0.71	0.24	0.47	1.12	3.37	0.05
GN.94100451	GN 817-5-8-3/8-16-B	0.197	3/8 - 16	0.75	0.63	0.31	1.57	0.71	0.24	0.47	1.12	4.05	0.05
GN.94100551	GN 817-6-6-1/2-13-B	0.236	1/2 - 13	0.91	0.79	0.24	1.89	0.87	0.24	0.55	1.46	4.27	0.07
GN.94100651	GN 817-6-9-1/2-13-B	0.236	1/2 - 13	0.91	0.79	0.35	1.89	0.87	0.24	0.55	1.35	5.62	0.07
GN.94100751	GN 817-8-8-5/8-11-B	0.315	5/8 - 11	1.10	0.94	0.31	2.28	1.02	0.31	0.67	1.91	5.85	0.14
GN.94100851	GN 817-8-12-5/8-11-B	0.315	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	1.91	6.29	0.14
GN.94100951	GN 817-10-12-5/8-11-B	0.394	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	2.14	8.54	0.14
GN.94101051	GN 817-12-15-3/4-16-B	0.472	3/4 - 16	1.30	1.12	0.59	2.81	1.30	0.39	0.87	2.59	8.99	0.28
GN.94106151	GN 817-16-20-1-8-B	0.630	1 - 8	1.30	1.12	0.79	3.09	1.50	0.47	1.06	2.92	12.14	0.45

GN 817-BK

INCH

Code	Description	d ₁ Plunger Hole H ₇ -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]	
GN.94110151	GN 817-4-4-5/16-18-BK	0.157	5/16 - 18	0.63	0.55	0.16	1.38	0.63	0.20	0.39	1.01	2.70	0.03
GN.94110251	GN 817-4-6-5/16-18-BK	0.157	5/16 - 18	0.63	0.55	0.24	1.38	0.63	0.20	0.39	0.90	2.81	0.03
GN.94110351	GN 817-5-5-3/8-16-BK	0.197	3/8 - 16	0.75	0.63	0.20	1.57	0.71	0.24	0.47	1.12	3.37	0.05
GN.94110451	GN 817-5-8-3/8-16-BK	0.197	3/8 - 16	0.75	0.63	0.31	1.57	0.71	0.24	0.47	1.12	4.05	0.06
GN.94110551	GN 817-6-6-1/2-13-BK	0.236	1/2 - 13	0.91	0.79	0.24	1.89	0.87	0.24	0.55	1.46	4.27	0.08
GN.94110651	GN 817-6-9-1/2-13-BK	0.236	1/2 - 13	0.91	0.79	0.35	1.89	0.87	0.24	0.55	1.35	5.62	0.08
GN.94110751	GN 817-8-8-5/8-11-BK	0.315	5/8 - 11	1.10	0.94	0.31	2.28	1.02	0.31	0.67	1.91	5.85	0.18
GN.94110851	GN 817-8-12-5/8-11-BK	0.315	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	1.91	6.29	0.17
GN.94110951	GN 817-10-12-5/8-11-BK	0.394	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	2.14	8.54	0.18
GN.94111051	GN 817-12-15-3/4-16-BK	0.472	3/4 - 16	1.30	1.12	0.59	2.81	1.30	0.39	0.87	2.59	8.99	0.35
GN.94116151	GN 817-16-20-1-8-BK	0.630	1 - 8	1.30	1.12	0.79	3.09	1.50	0.47	1.06	2.92	12.14	0.58



GN 817-C

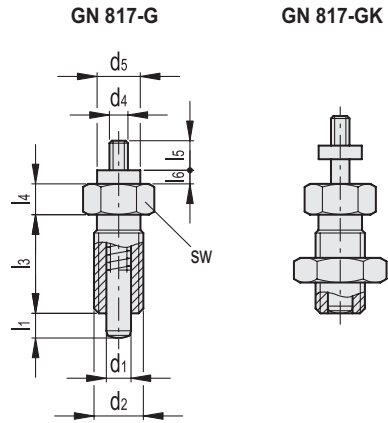
INCH

Code	Description	d ₁ Plunger Hole H ₇ -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]	⚖
GN.94101151	GN 817-4-4-5/16-18-C	0.157	5/16 - 18	0.63	0.55	0.16	1.38	0.63	0.20	0.39	1.01	2.70	0.03
GN.94101251	GN 817-4-6-5/16-18-C	0.157	5/16 - 18	0.63	0.55	0.24	1.38	0.63	0.20	0.39	0.90	2.81	0.03
GN.94101351	GN 817-5-5-3/8-16-C	0.197	3/8 - 16	0.75	0.63	0.20	1.57	0.71	0.24	0.47	1.12	3.37	0.06
GN.94101451	GN 817-5-8-3/8-16-C	0.197	3/8 - 16	0.75	0.63	0.31	1.57	0.71	0.24	0.47	1.12	4.05	0.05
GN.94101551	GN 817-6-6-1/2-13-C	0.236	1/2 - 13	0.91	0.79	0.24	1.89	0.87	0.24	0.55	1.46	4.27	0.07
GN.94101651	GN 817-6-9-1/2-13-C	0.236	1/2 - 13	0.91	0.79	0.35	1.89	0.87	0.24	0.55	1.35	5.62	0.07
GN.94101751	GN 817-8-8-5/8-11-C	0.315	5/8 - 11	1.10	0.94	0.31	2.28	1.02	0.31	0.67	1.91	5.85	0.15
GN.94101851	GN 817-8-12-5/8-11-C	0.315	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	1.91	6.29	0.15
GN.94101951	GN 817-10-12-5/8-11-C	0.394	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	2.14	8.54	0.15
GN.94102051	GN 817-12-15-3/4-16-C	0.472	3/4 - 16	1.30	1.12	0.59	2.81	1.30	0.39	0.87	2.59	8.99	0.31
GN.94106351	GN 817-16-20-1-8-C	0.630	1 - 8	1.30	1.12	0.79	3.09	1.50	0.47	1.06	2.92	12.14	0.48

GN 817-CK

INCH

Code	Description	d ₁ Plunger Hole H ₇ -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]	⚖
GN.94111151	GN 817-4-4-5/16-18-CK	0.157	5/16 - 18	0.63	0.55	0.16	1.38	0.63	0.20	0.39	1.01	2.70	0.03
GN.94111251	GN 817-4-6-5/16-18-CK	0.157	5/16 - 18	0.63	0.55	0.24	1.38	0.63	0.20	0.39	0.90	2.81	0.04
GN.94111351	GN 817-5-5-3/8-16-CK	0.197	3/8 - 16	0.75	0.63	0.20	1.57	0.71	0.24	0.47	1.12	3.37	0.06
GN.94111451	GN 817-5-8-3/8-16-CK	0.197	3/8 - 16	0.75	0.63	0.31	1.57	0.71	0.24	0.47	1.12	4.05	0.06
GN.94111551	GN 817-6-6-1/2-13-CK	0.236	1/2 - 13	0.91	0.79	0.24	1.89	0.87	0.24	0.55	1.46	4.27	0.08
GN.94111651	GN 817-6-9-1/2-13-CK	0.236	1/2 - 13	0.91	0.79	0.35	1.89	0.87	0.24	0.55	1.35	5.62	0.07
GN.94111751	GN 817-8-8-5/8-11-CK	0.315	5/8 - 11	1.10	0.94	0.31	2.28	1.02	0.31	0.67	1.91	5.85	0.19
GN.94111851	GN 817-8-12-5/8-11-CK	0.315	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	1.91	6.29	0.18
GN.94111951	GN 817-10-12-5/8-11-CK	0.394	5/8 - 11	1.10	0.94	0.47	2.28	1.02	0.31	0.67	2.14	8.54	0.19
GN.94112051	GN 817-12-15-3/4-16-CK	0.472	3/4 - 16	1.30	1.12	0.59	2.81	1.30	0.39	0.87	2.59	8.99	0.37
GN.94116351	GN 817-16-20-1-8-CK	0.630	1 - 8	1.30	1.12	0.79	3.09	1.50	0.47	1.06	2.92	12.14	0.62



GN 817-G

INCH

Code	Description	d ₁ Plunger Hole H7 -0.001-0.002	d ₂	d ₄	d ₅	l ₁	l ₃	l ₄	l ₅	l ₆	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	⚖
GN.94102151	GN 817-4-4-5/16-18-G	0.157	5/16 - 18	M 3	0.28	0.16	0.63	0.20	0.18	0.10	0.39	1.01	2.70	0.02
GN.94102251	GN 817-4-6-5/16-18-G	0.157	5/16 - 18	M 3	0.28	0.24	0.63	0.20	0.18	0.10	0.39	0.90	2.81	0.02
GN.94102351	GN 817-5-5-3/8-16-G	0.197	3/8 - 16	M 4	0.31	0.20	0.71	0.24	0.22	0.12	0.47	1.12	3.37	0.05
GN.94102451	GN 817-5-8-3/8-16-G	0.197	3/8 - 16	M 4	0.31	0.31	0.71	0.24	0.22	0.12	0.47	1.12	4.05	0.05
GN.94102551	GN 817-6-6-1/2-13-G	0.236	1/2 - 13	M 5	0.35	0.24	0.87	0.24	0.28	0.14	0.55	1.46	4.27	0.06
GN.94102651	GN 817-6-9-1/2-13-G	0.236	1/2 - 13	M 5	0.35	0.35	0.87	0.24	0.28	0.14	0.55	1.35	5.62	0.06
GN.94102751	GN 817-8-8-5/8-11-G	0.315	5/8 - 11	M 6	0.39	0.31	1.02	0.31	0.33	0.16	0.67	1.91	5.85	0.12
GN.94102851	GN 817-8-12-5/8-11-G	0.315	5/8 - 11	M 6	0.39	0.47	1.02	0.31	0.33	0.16	0.67	1.91	6.29	0.12
GN.94102951	GN 817-10-12-5/8-11-G	0.394	5/8 - 11	M 6	0.39	0.47	1.02	0.31	0.33	0.16	0.67	2.14	8.54	0.12
GN.94103051	GN 817-12-15-3/4-16-G	0.472	3/4 - 16	M 6	0.47	0.59	1.30	0.39	0.33	0.16	0.87	2.59	8.99	0.25
GN.94106551	GN 817-16-20-1-8-G	0.630	1 - 8	M 8	0.59	0.79	1.50	0.47	0.45	0.20	1.06	2.92	12.14	0.43

GN 817-GK

INCH

Code	Description	d ₁ Plunger Hole H7 -0.001-0.002	d ₂	d ₄	d ₅	l ₁	l ₃	l ₄	l ₅	l ₆	sw	Spring preload [lbf] [N]	Spring max load [lbf] [N]	⚖
GN.94112151	GN 817-4-4-5/16-18-GK	0.157	5/16 - 18	M 3	0.28	0.16	0.63	0.20	0.18	0.10	0.39	1.01	2.70	0.03
GN.94112251	GN 817-4-6-5/16-18-GK	0.157	5/16 - 18	M 3	0.28	0.24	0.63	0.20	0.18	0.10	0.39	0.90	2.81	0.03
GN.94112351	GN 817-5-5-3/8-16-GK	0.197	3/8 - 16	M 4	0.31	0.20	0.71	0.24	0.22	0.12	0.47	1.12	3.37	0.04
GN.94112451	GN 817-5-8-3/8-16-GK	0.197	3/8 - 16	M 4	0.31	0.31	0.71	0.24	0.22	0.12	0.47	1.12	4.05	0.04
GN.94112551	GN 817-6-6-1/2-13-GK	0.236	1/2 - 13	M 5	0.35	0.24	0.87	0.24	0.28	0.14	0.55	1.46	4.27	0.08
GN.94112651	GN 817-6-9-1/2-13-GK	0.236	1/2 - 13	M 5	0.35	0.35	0.87	0.24	0.28	0.14	0.55	1.35	5.62	0.08
GN.94112751	GN 817-8-8-5/8-11-GK	0.315	5/8 - 11	M 6	0.39	0.31	1.02	0.31	0.33	0.16	0.67	1.91	5.85	0.18
GN.94112851	GN 817-8-12-5/8-11-GK	0.315	5/8 - 11	M 6	0.39	0.47	1.02	0.31	0.33	0.16	0.67	1.91	6.29	0.16
GN.94112951	GN 817-10-12-5/8-11-GK	0.394	5/8 - 11	M 6	0.39	0.47	1.02	0.31	0.33	0.16	0.67	2.14	8.54	0.16
GN.94113051	GN 817-12-15-3/4-16-GK	0.472	3/4 - 16	M 6	0.47	0.59	1.30	0.39	0.33	0.16	0.87	2.59	8.99	0.30
GN.94116551	GN 817-16-20-1-8-GK	0.630	1 - 8	M 8	0.59	0.79	1.50	0.47	0.45	0.20	1.06	2.92	12.14	0.57