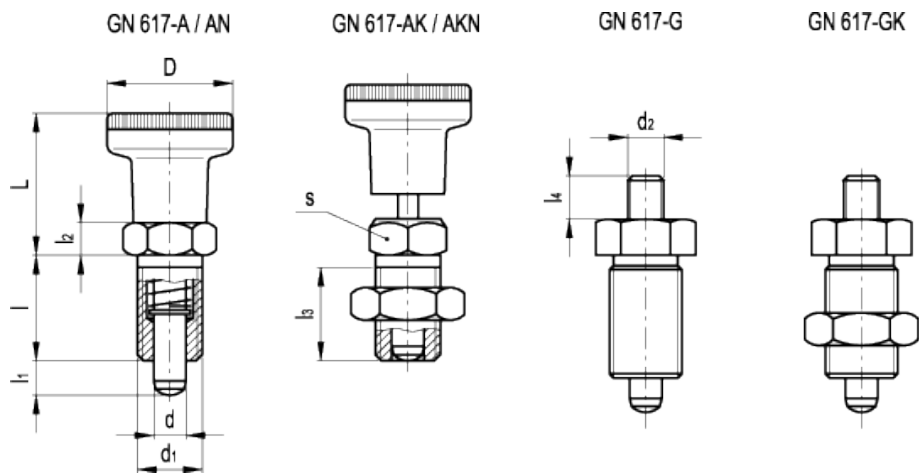


GN 617-NI

Indexing plungers



american unit
metric unit

Elesa-Gantergriff		Main dimensions											Spring pressure		Weight
Code	Description	d ^{-0.008 -0.015}	L	d ₁	d ₂	D	l	l _{1 min.}	l ₂	l _{3 min.}	l ₄	s	Preload [lbf] [N]	Max. load [lbf] [N]	lbs g
GN.35103	GN 617-5-A-NI	0.2 5	0.91 23	- M10x1	- 0.83 21	0.67 17	0.2	0.2	0.59	-	0.47	12	1 6	3 15	0.044 20
GN.35113	GN 617-6-A-NI	0.24 6	1.12 28.5	- M12x1.5	- 0.98 25	0.79 20	0.24	0.24	0.67	-	0.55	14	2 8	5 21	0.07 32
GN.35123	GN 617-8-A-NI	0.31 8	1.38 35	- M16x1.5	- 1.22 31	1.02 26	0.31	0.31	0.91	-	0.75	19	2 9	6 26	0.154 70
GN.35133	GN 617-10-A-NI	0.39 10	1.46 37	- M20x1.5	- 1.22 31	1.3 33	0.39	0.39	1.18	-	0.87	22	4 17	9 40	0.253 115
GN.35141	GN 617-5-AN-NI	0.2 5	0.91 23	- M10x1	- 0.83 21	0.67 17	0.2	0.2	0.59	-	0.47	12	1 6	3 15	0.066 30
GN.35145	GN 617-6-AN-NI	0.24 6	1.12 28.5	- M12x1.5	- 0.98 25	0.79 20	0.24	0.24	0.67	-	0.55	14	2 8	5 21	0.099 45
GN.35151	GN 617-8-AN-NI	0.31 8	1.38 35	- M16x1.5	- 1.22 31	1.02 26	0.31	0.31	0.91	-	0.75	19	2 9	6 26	0.187 85
GN.35155	GN 617-10-AN-NI	0.39 10	1.46 37	- M20x1.5	- 1.22 31	1.3 33	0.39	0.39	1.18	-	0.87	22	4 17	9 40	0.286 130
GN.35104	GN 617-5-AK-NI	0.2 5	0.91 23	- M10x1	- 0.83 21	0.67 17	0.2	0.2	0.59	-	0.47	12	1 6	3 15	0.053 24

Elesa-Gantergriff		Main dimensions											Spring pressure		Weight
Code	Description	d ^{-0.0008 -0.0015}	L	d ₁	d ₂	D	I	l _{1 min.}	l ₂	l _{3 min.}	l ₄	s	Preload [lbf] [N]	Max. load [lbf] [N]	lbs g
GN.35114	GN 617-6-AK-NI	0.24 6	1.12 28.5	- M12x1.5	-	0.98 25	0.79 20	0.24 6	0.24 6	0.67 17	-	0.55 14	2 8	5 21	0.093 42
GN.35124	GN 617-8-AK-NI	0.31 8	1.38 35	- M16x1.5	-	1.22 31	1.02 26	0.31 8	0.31 8	0.91 23	-	0.75 19	2 9	6 26	0.198 90
GN.35134	GN 617-10-AK-NI	0.39 10	1.46 37	- M20x1.5	-	1.22 31	1.3 33	0.39 10	0.39 10	1.18 30	-	0.87 22	4 17	9 40	0.315 143
GN.35142	GN 617-5-AKN-NI	0.2 5	0.91 23	- M10x1	-	0.83 21	0.67 17	0.2 5	0.2 5	0.59 15	-	0.47 12	1 6	3 15	0.075 34
GN.35146	GN 617-6-AKN-NI	0.24 6	1.12 28.5	- M12x1.5	-	0.98 25	0.79 20	0.24 6	0.24 6	0.67 17	-	0.55 14	2 8	5 21	0.121 55
GN.35152	GN 617-8-AKN-NI	0.31 8	1.38 35	- M16x1.5	-	1.22 31	1.02 26	0.31 8	0.31 8	0.91 23	-	0.75 19	2 9	6 26	0.236 107
GN.35156	GN 617-10-AKN-NI	0.39 10	1.46 37	- M20x1.5	-	1.22 31	1.3 33	0.39 10	0.39 10	1.18 30	-	0.87 22	4 17	9 40	0.348 158
GN.35108	GN 617-5-G-NI	0.2 5	0.91 23	- M10x1	-	0.83 21	0.67 17	0.2 5	0.2 5	0.59 15	0.24 6	0.47 12	1 6	3 15	0.033 15
GN.35118	GN 617-6-G-NI	0.24 6	1.12 28.5	- M12x1.5	-	0.98 25	0.79 20	0.24 6	0.24 6	0.67 17	0.39 10	0.55 14	2 8	5 21	0.055 25
GN.35128	GN 617-8-G-NI	0.31 8	1.38 35	- M16x1.5	-	1.22 31	1.02 26	0.31 8	0.31 8	0.91 23	0.47 12	0.75 19	2 9	6 26	0.126 57
GN.35138	GN 617-10-G-NI	0.39 10	1.46 37	- M20x1.5	-	1.22 31	1.3 33	0.39 10	0.39 10	1.18 30	0.47 12	0.87 22	4 17	9 40	0.22 100
GN.35109	GN 617-5-GK-NI	0.2 5	0.91 23	- M10x1	-	0.83 21	0.67 17	0.2 5	0.2 5	0.59 15	0.24 6	0.47 12	1 6	3 15	0.048 22
GN.35119	GN 617-6-GK-NI	0.24 6	1.12 28.5	- M12x1.5	-	0.98 25	0.79 20	0.24 6	0.24 6	0.67 17	0.39 10	0.55 14	2 8	5 21	0.077 35
GN.35129	GN 617-8-GK-NI	0.31 8	1.38 35	- M16x1.5	-	1.22 31	1.02 26	0.31 8	0.31 8	0.91 23	0.47 12	0.75 19	2 9	6 26	0.17 77
GN.35139	GN 617-10-GK-NI	0.39 10	1.46 37	- M20x1.5	-	1.22 31	1.3 33	0.39 10	0.39 10	1.18 30	0.47 12	0.87 22	4 17	9 40	0.286 130

Threaded body
AISI 303 stainless steel.

Plunger
Nickel-plated AISI 303 stainless steel. Suggested matching hole in H7 tolerance.

Locking knob
Stainless steel.

"Push/Pull" knob
High resilience polyamide based (PA) technopolymer, black colour, matte finish or AISI 303 stainless steel.

- Standard executions
- A: with knob, without locking nut.
 - AN: with AISI 303 stainless steel knob, without locking nut.
 - AK: with knob and locking nut.
 - AKN: with AISI 303 stainless steel knob, with locking nut.
 - G: without knob, without locking nut.
 - GK: without knob, with locking nut.

Executions G and GK, without knob, are provided with threaded drive rod for combination with knobs on customer's request or to join the rod to an operating mechanism of the machine.

Accessories on request (For sufficient quantities)

GN 609.5 AISI 303 stainless steel distance bushings are available for making up for the length of the threading in case the plunger is assembled on thin sheets.

Features and applications

GN 617-NI indexing plungers are used where positioning operations are required. AISI 303 stainless steel, thanks to its high resistance to corrosion, allows the application of these indexing plungers on machines and equipment in those sectors where laws or particular hygienic, climatic and environmental factors make it mandatory to use corrosion resistant materials.

