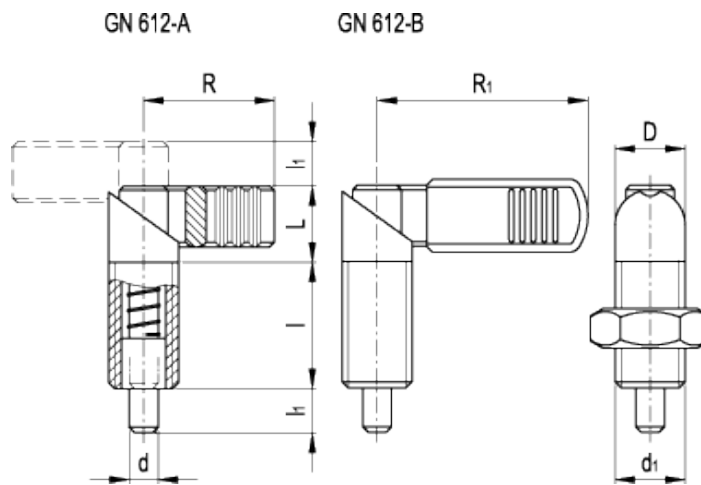


GN 612

Lever indexing plungers with rest position



technical informations

Threaded body
Black-oxide steel.

Plunger

Fine turned and nitrided steel. Suggested matching hole in H7 tolerance.

Locking nut

Black-oxide steel.

Lever

Black-oxide steel.

Lever cover

High resilience polyamide based (PA) technopolymer, black colour, matte finish. Resistant to solvents, oils, greases and other chemical agents.

Standard executions available

- Version A: without lever cover, without locking nut.
- Version AK: without lever cover, with locking nut, ISO 8675.
- Version B: with lever cover, without locking nut.
- Version BK: with lever cover, with locking nut, ISO 8675.

Accessories on request (For sufficient quantities)

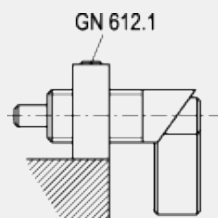
GN 612.1 black-oxide steel flange is available to assembly the plunger to the machine.

Applications

GN 612 lever indexing plungers are used when the plunger must be retracted quickly.

Instructions of use

By rotating the lifting lever by 180°, the plunger stops in the retracted position. The lever is kept in this position by a notch.



Standard Elements	Main dimensions								Spring pressure		Weight
Description	d _{-0.02 -0.04} Bore H7	d ₁	D	l _{+1.5}	l ₁	R	R ₁	L	Preload in N~	Max. load in N~	g
GN 612-4-M10-A	4	M10	10	19	6	21	-	12.5	8.5	25	20
GN 612-4-M10x1-A	4	M10x1	10	19	6	21	-	12.5	8.5	25	20
GN 612-5-M10-A	5	M10	10	19	6	21	-	12.5	8.5	25	30
GN 612-5-M10x1-A	5	M10x1	10	19	6	21	-	12.5	8.5	25	30
GN 612-5-M12-A	5	M12	12	26	8	26	-	13	9	21	28
GN 612-5-M12x1.5-A	5	M12x1.5	12	26	8	26	-	13	9	21	28
GN 612-6-M10-A	6	M10	10	19	6	21	-	12.5	9	21	20
GN 612-6-M10x1-A	6	M10x1	10	19	6	21	-	12.5	9	21	20
GN 612-6-M12-A	6	M12	12	26	8	26	-	13	9	21	30
GN 612-6-M12x1.5-A	6	M12x1.5	12	26	8	26	-	13	9	21	30
GN 612-6-M16-A	6	M16	16	30	10	32	-	16	12	32	57
GN 612-6-M16x1.5-A	6	M16x1.5	16	30	10	32	-	16	12	32	59
GN 612-8-M12-A	8	M12	12	26	8	26	-	13	9	21	40
GN 612-8-M12x1.5-A	8	M12x1.5	12	26	8	26	-	13	9	21	30
GN 612-8-M16-A	8	M16	16	30	10	32	-	16	12	32	30
GN 612-8-M16x1.5-A	8	M16x1.5	16	30	10	32	-	16	12	32	61
GN 612-8-M20-A	8	M20	20	36	12	37	-	21	21	58	121
GN 612-8-M20x1.5-A	8	M20x1.5	20	36	12	37	-	21	21	58	125
GN 612-10-M16-A	10	M16	16	30	10	32	-	16	12	32	61
GN 612-10-M16x1.5-A	10	M16x1.5	16	30	10	32	-	16	12	32	64
GN 612-10-M20-A	10	M20	20	36	12	37	-	21	21	58	120
GN 612-10-M20x1.5-A	10	M20x1.5	20	36	12	37	-	21	21	58	93
GN 612-12-M20-A	12	M20	20	36	12	37	-	21	21	58	120
GN 612-12-M20x1.5-A	12	M20x1.5	20	36	12	37	-	21	21	58	119
GN 612-4-M10-AK	4	M10	10	19	6	21	-	12.5	8.5	25	22
GN 612-4-M10x1-AK	4	M10x1	10	19	6	21	-	12.5	8.5	25	20
GN 612-5-M10-AK	5	M10	10	19	6	21	-	12.5	8.5	25	20
GN 612-5-M10x1-AK	5	M10x1	10	19	6	21	-	12.5	8.5	25	20
GN 612-5-M12-AK	5	M12	12	26	8	26	-	13	9	21	36
GN 612-5-M12x1.5-AK	5	M12x1.5	12	26	8	26	-	13	9	21	37
GN 612-6-M10-AK	6	M10	10	19	6	21	-	12.5	9	21	40
GN 612-6-M10x1-AK	6	M10x1	10	19	6	21	-	12.5	9	21	20
GN 612-6-M12-AK	6	M12	12	26	8	26	-	13	9	21	35
GN 612-6-M12x1.5-AK	6	M12x1.5	12	26	8	26	-	13	9	21	40
GN 612-6-M16-AK	6	M16	16	30	10	32	-	16	12	32	75
GN 612-6-M16x1.5-AK	6	M16x1.5	16	30	10	32	-	16	12	32	79
GN 612-8-M12-AK	8	M12	12	26	8	26	-	13	9	21	38
GN 612-8-M12x1.5-AK	8	M12x1.5	12	26	8	26	-	13	9	21	38
GN 612-8-M16-AK	8	M16	16	30	10	32	-	16	12	32	76
GN 612-8-M16x1.5-AK	8	M16x1.5	16	30	10	32	-	16	12	32	78
GN 612-8-M20-AK	8	M20	20	36	12	37	-	21	21	58	119
GN 612-8-M20x1.5-AK	8	M20x1.5	20	36	12	37	-	21	21	58	146

GN 612-10-M16-AK	10	M16	16	30	10	32	-	16	12	32	80
GN 612-10-M16x1.5-AK	10	M16x1.5	16	30	10	32	-	16	12	32	80
GN 612-10-M20-AK	10	M20	20	36	12	37	-	21	21	58	119
GN 612-10-M20x1.5-AK	10	M20x1.5	20	36	12	37	-	21	21	58	149
GN 612-12-M20-AK	12	M20	20	36	12	37	-	21	21	58	155
GN 612-12-M20x1.5-AK	12	M20x1.5	20	36	12	37	-	21	21	58	154
GN 612-5-M12-B	5	M12	12	26	8	-	32	13	9	21	20
GN 612-5-M12x1.5-B	5	M12x1.5	12	26	8	-	32	13	9	21	28
GN 612-6-M12-B	6	M12	12	26	8	-	32	13	9	21	29
GN 612-6-M12x1.5-B	6	M12x1.5	12	26	8	-	32	13	9	21	61
GN 612-6-M16-B	6	M16	16	30	10	-	42	13	12	32	61
GN 612-6-M16x1.5-B	6	M16x1.5	16	30	10	-	42	16	12	32	101
GN 612-8-M12-B	8	M12	12	26	8	-	32	13	9	21	31
GN 612-8-M12x1.5-B	8	M12x1.5	12	26	8	-	32	13	9	21	30
GN 612-8-M16-B	8	M16	16	30	10	-	42	16	12	32	60
GN 612-8-M16x1.5-B	8	M16x1.5	16	30	10	-	42	16	12	32	63
GN 612-8-M20-B	8	M20	20	36	12	-	52	21	21	58	120
GN 612-8-M20x1.5-B	8	M20x1.5	20	36	12	-	52	21	21	58	113
GN 612-10-M16-B	10	M16	16	30	10	-	42	16	12	32	63
GN 612-10-M16x1.5-B	10	M16x1.5	16	30	10	-	42	16	12	32	66
GN 612-10-M20-B	10	M20	20	36	12	-	52	21	21	58	120
GN 612-10-M20x1.5-B	10	M20x1.5	20	36	12	-	52	21	21	58	116
GN 612-12-M20-B	12	M20	20	36	12	-	52	21	21	58	120
GN 612-12-M20x1.5-B	12	M20x1.5	20	36	12	-	52	21	21	58	122
GN 612-5-M12-BK	5	M12	12	26	8	-	32	13	9	21	36
GN 612-5-M12x1.5-BK	5	M12x1.5	12	26	8	-	32	13	9	21	117
GN 612-6-M12-BK	6	M12	12	26	8	-	32	13	9	21	37
GN 612-6-M12x1.5-BK	6	M12x1.5	12	26	8	-	32	13	9	21	38
GN 612-6-M16-BK	6	M16	16	30	10	-	42	16	12	32	78
GN 612-6-M16x1.5-BK	6	M16x1.5	16	30	10	-	42	16	12	32	79
GN 612-8-M12-BK	8	M12	12	26	8	-	32	13	9	21	38
GN 612-8-M12x1.5-BK	8	M12x1.5	12	26	8	-	32	13	9	21	39
GN 612-8-M16-BK	8	M16	16	30	10	-	42	16	12	32	78
GN 612-8-M16x1.5-BK	8	M16x1.5	16	30	10	-	42	16	12	32	63
GN 612-8-M20-BK	8	M20	20	36	12	-	52	21	21	58	150
GN 612-8-M20x1.5-BK	8	M20x1.5	20	36	12	-	52	21	21	58	148
GN 612-10-M16-BK	10	M16	16	30	10	-	42	16	12	32	81
GN 612-10-M16x1.5-BK	10	M16x1.5	16	30	10	-	42	16	12	32	83
GN 612-10-M20-BK	10	M20	20	36	12	-	52	21	21	58	153
GN 612-10-M20x1.5-BK	10	M20x1.5	20	36	12	-	52	21	21	58	151
GN 612-12-M20-BK	12	M20	20	36	12	-	52	21	21	58	156
GN 612-12-M20x1.5-BK	12	M20x1.5	20	36	12	-	52	21	21	58	157



ELESA and GANTER models all rights reserved in accordance with the law. Always mention the source when reproducing our drawings.

STANDARD MACHINE ELEMENTS WORLDWIDE