

GN 612 | Lever indexing plungers

Rest position, steel



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1 THREADED BODY

Black-oxide steel.

2 PLUNGER

Turned and nitrided steel

Suggested tolerance for matching hole = H7.

3 LOCKING NUT

Black-oxide steel.

4 LEVER

Black-oxide steel.

5 LEVER COVER

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

STANDARD EXECUTIONS

- **GN 612-A:** without lever cover, without locking nut.
- **GN 612-AK:** without lever cover, with locking nut.
- **GN 612-B:** with lever cover, without locking nut.
- **GN 612-BK:** with lever cover, with locking nut.

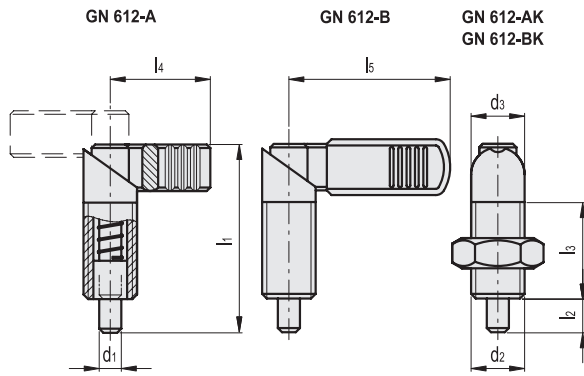
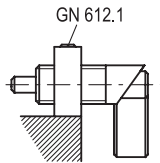
FEATURES AND APPLICATIONS

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

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

ACCESSORIES ON REQUEST

Black-oxide steel flange GN 612.1 (see page 780) to assemble the indexing plunger to the machine.



Indexing and positioning elements

GN 612-A

GN 612-AK

Code	Description	Code	Description	d1											[N]*	[N]#	
				Plunger -0.02-0.04 Hole H7	d2	d3	l1	l2	l3+1.5	l4							
GN.34751	GN 612-4-M10-A	GN.34861	GN 612-4-M10-AK	4	M10	10	37.5	6	19	21	8.5	25	20				
GN.34752	GN 612-4-M10x1-A	GN.34862	GN 612-4-M10x1-AK	4	M10x1	10	37.5	6	19	21	8.5	25	20				
GN.34753	GN 612-5-M10-A	GN.34865	GN 612-5-M10-AK	5	M10	10	37.5	6	19	21	8.5	25	30				
GN.34757	GN 612-5-M10x1-A	GN.34869	GN 612-5-M10x1-AK	5	M10x1	10	37.5	6	19	21	8.5	25	30				
GN.34755	GN 612-5-M12-A	GN.34867	GN 612-5-M12-AK	5	M12	12	47	8	26	26	9	21	28				
GN.34290	GN 612-5-M12x1.5-A	GN.34310	GN 612-5-M12x1.5-AK	5	M12x1.5	12	47	8	26	26	9	21	28				
GN.34761	GN 612-6-M10-A	GN.34871	GN 612-6-M10-AK	6	M10	10	37.5	6	19	21	8.5	25	20				
GN.34763	GN 612-6-M10x1-A	GN.34881	GN 612-6-M10x1-AK	6	M10x1	10	37.5	6	19	21	8.5	25	20				
GN.34765	GN 612-6-M12-A	GN.34873	GN 612-6-M12-AK	6	M12	12	47	8	26	26	9	21	30				
GN.34767	GN 612-6-M12x1.5-A	GN.34883	GN 612-6-M12x1.5-AK	6	M12x1.5	12	47	8	26	26	9	21	30				
GN.34771	GN 612-6-M16-A	GN.34875	GN 612-6-M16-AK	6	M16	16	56	10	30	32	12	32	57				
GN.34291	GN 612-6-M16x1.5-A	GN.34311	GN 612-6-M16x1.5-AK	6	M16x1.5	16	56	10	30	32	12	32	59				
GN.34775	GN 612-8-M12-A	GN.34891	GN 612-8-M12-AK	8	M12	12	47	8	26	26	9	21	40				
GN.34777	GN 612-8-M12x1.5-A	GN.34897	GN 612-8-M12x1.5-AK	8	M12x1.5	12	47	8	26	26	9	21	30				
GN.34781	GN 612-8-M16-A	GN.34893	GN 612-8-M16-AK	8	M16	16	56	10	30	32	12	32	30				
GN.34292	GN 612-8-M16x1.5-A	GN.34312	GN 612-8-M16x1.5-AK	8	M16x1.5	16	56	10	30	32	11	29	61				
GN.34785	GN 612-8-M20-A	GN.34895	GN 612-8-M20-AK	8	M20	20	69	12	36	37	21	58	60				
GN.34301	GN 612-8-M20x1.5-A	GN.34321	GN 612-8-M20x1.5-AK	8	M20x1.5	20	69	12	36	37	21	58	125				
GN.34791	GN 612-10-M16-A	GN.34901	GN 612-10-M16-AK	10	M16	16	56	10	30	32	12	32	65				
GN.34293	GN 612-10-M16x1.5-A	GN.34313	GN 612-10-M16x1.5-AK	10	M16x1.5	16	56	10	30	32	12	32	64				
GN.34795	GN 612-10-M20-A	GN.34903	GN 612-10-M20-AK	10	M20	20	69	12	36	37	21	58	120				
GN.34302	GN 612-10-M20x1.5-A	GN.34322	GN 612-10-M20x1.5-AK	10	M20x1.5	20	69	12	36	37	21	57	93				
GN.34801	GN 612-12-M20-A	GN.34911	GN 612-12-M20-AK	12	M20	20	69	12	36	37	21	58	120				
GN.34303	GN 612-12-M20x1.5-A	GN.34323	GN 612-12-M20x1.5-AK	12	M20x1.5	20	69	12	36	37	21	58	119				

GN 612-B

GN 612-BK

Code	Description	Code	Description	d1											[N]*	[N]#	
				Plunger -0.02-0.04 Hole H7	d2	d3	l1	l2	l3+1.5	l5							
GN.34756	GN 612-5-M12-B	GN.34868	GN 612-5-M12-BK	5	M12	12	47	8	26	32	9	21	20				
GN.34330	GN 612-5-M12x1.5-B	GN.34350	GN 612-5-M12x1.5-BK	5	M12x1.5	12	47	8	26	32	9	21	28				
GN.34766	GN 612-6-M12-B	GN.34874	GN 612-6-M12-BK	6	M12	12	47	8	26	32	9	21	29				
GN.34768	GN 612-6-M12x1.5-B	GN.34884	GN 612-6-M12x1.5-BK	6	M12x1.5	12	47	8	26	32	9	21	61				
GN.34772	GN 612-6-M16-B	GN.34876	GN 612-6-M16-BK	6	M16	16	56	10	30	42	12	32	30				
GN.34331	GN 612-6-M16x1.5-B	GN.34351	GN 612-6-M16x1.5-BK	6	M16x1.5	16	56	10	30	42	12	32	101				
GN.34776	GN 612-8-M12-B	GN.34892	GN 612-8-M12-BK	8	M12	12	47	8	26	32	9	21	39				
GN.34778	GN 612-8-M12x1.5-B	GN.34898	GN 612-8-M12x1.5-BK	8	M12x1.5	12	47	8	26	32	9	21	30				
GN.34782	GN 612-8-M16-B	GN.34894	GN 612-8-M16-BK	8	M16	16	56	10	30	42	12	32	60				
GN.34332	GN 612-8-M16x1.5-B	GN.34352	GN 612-8-M16x1.5-BK	8	M16x1.5	16	56	10	30	42	12	32	63				
GN.34786	GN 612-8-M20-B	GN.34896	GN 612-8-M20-BK	8	M20	20	69	12	36	52	21	58	120				
GN.34341	GN 612-8-M20x1.5-B	GN.34361	GN 612-8-M20x1.5-BK	8	M20x1.5	20	69	12	36	52	21	58	113				
GN.34792	GN 612-10-M16-B	GN.34902	GN 612-10-M16-BK	10	M16	16	56	10	30	42	12	32	63				
GN.34333	GN 612-10-M16x1.5-B	GN.34353	GN 612-10-M16x1.5-BK	10	M16x1.5	16	56	10	30	42	12	32	66				
GN.34796	GN 612-10-M20-B	GN.34904	GN 612-10-M20-BK	10	M20	20	69	12	36	52	21	58	120				
GN.34342	GN 612-10-M20x1.5-B	GN.34362	GN 612-10-M20x1.5-BK	10	M20x1.5	20	69	12	36	52	21	58	116				
GN.34802	GN 612-12-M20-B	GN.34912	GN 612-12-M20-BK	12	M20	20	69	12	36	52	21	58	120				
GN.34343	GN 612-12-M20x1.5-B	GN.34363	GN 612-12-M20x1.5-BK	12	M20x1.5	20	69	12	36	52	21	58	122				

* Spring preload

Spring maximum load

