

Clamping Levers with Eccentric Cam

Lever Stainless Steel, Contact Plate Plastic, with Internal Thread / with Threaded Stud

SPECIFICATION

Types

- Type **A**: Plastic contact plate with setting nut
- Type **B**: Plastic contact plate without setting nut

Lever

Stainless steel precision casting AISI CF-8

Axis

Stainless steel AISI 303
Chemically nickel plated

Lag nut / Lag screw

Stainless steel AISI 303

Contact plate

Plastic, glass fiber reinforced

- Polyacetal (POM) for type A
- Polyamide (PA) for type B



INFORMATION

Clamping levers with eccentric cam GN 927.5 are used for rapid clamping and releasing. Hereby, contrary to a clamping operation via a thread, these levers permit a torque-free clamping.

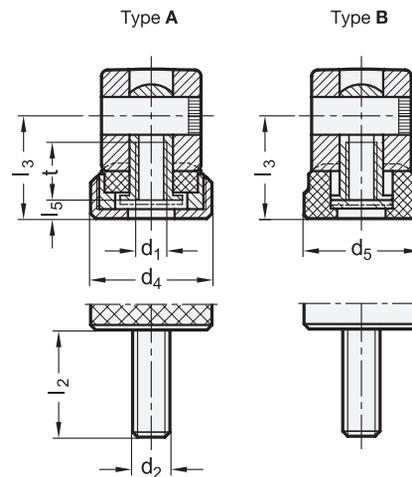
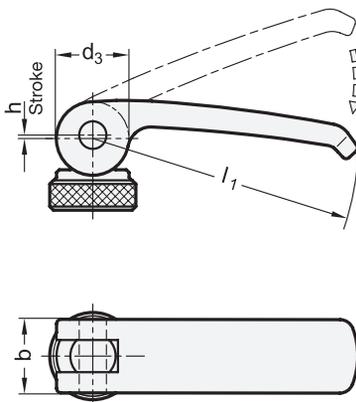
The lever has been designed to ensure that its movement cannot exceed the max. clamping force. There are no loose components since they are all assembled and mounted in their correct order.

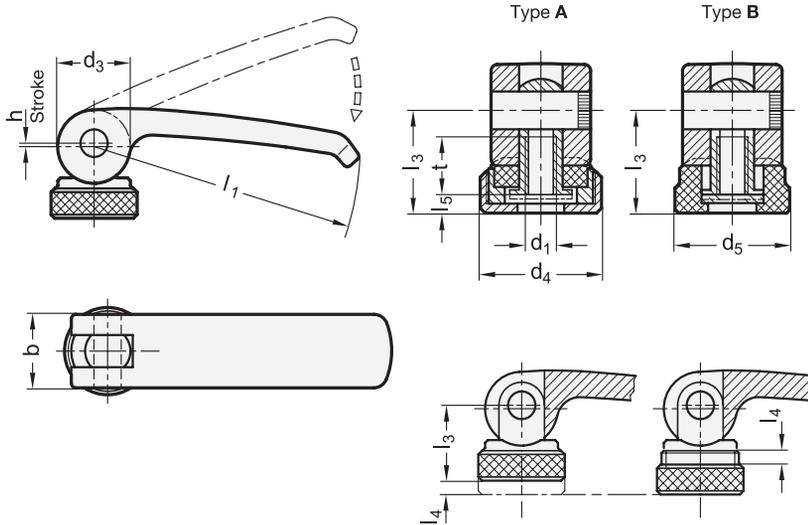
The type A has the following advantages:

The distance between the lever cam and the clamping surface is adjustable via a fine pitch thread, allowing the clamping position to be set easily with maximum clamping force. Also, the position of the lever relative to the clamping axis can be determined.

TECHNICAL INFORMATION

- Constructional Features (Type A) / Application Examples (see page)
- Clamping and manual forces in clamping levers with eccentric cam (see page)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)





GN 927.5-A-With internal thread, plastic contact plate with setting nut

STAINLESS STEEL

Description	l ₁	d ₁	b	d ₃	d ₄	h Stroke at 90° lever movement	l ₃ In clamping position	l ₄ Adjustable range	l ₅ In clamping position	t Useable thread length	⚖
GN 927.5-44-M4-A	44	M 4	12	12	15	0.5	13.2	2	2.2	8	28
GN 927.5-44-M5-A	44	M 5	12	12	15	0.5	13.2	2	2.2	8	28
GN 927.5-63-M5-A	63	M 5	16	16	19	0.75	16.3	2.5	3	10	60
GN 927.5-63-M6-A	63	M 6	16	16	19	0.75	16.3	2.5	3	10	62
GN 927.5-82-M6-A	82	M 6	20	20	25	1	19.5	3	3.7	12	126
GN 927.5-82-M8-A	82	M 8	20	20	25	1	19.5	3	3.7	12	124
GN 927.5-101-M8-A	101	M 8	25	26	30	1.5	25.3	4	4.8	15	239
GN 927.5-101-M10-A	101	M 10	25	26	30	1.5	25.3	4	4.8	15	238

GN 927.5-B-With internal thread, plastic contact plate without setting nut

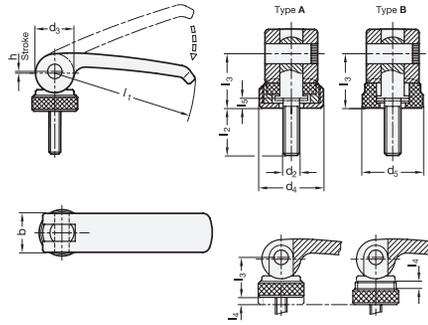
STAINLESS STEEL

Description	l ₁	d ₁	b	d ₃	d ₅	h Stroke at 90° lever movement	l ₃ In clamping position	l ₅ In clamping position	t Useable thread length	⚖
GN 927.5-44-M4-B	44	M 4	12	12	14	0.5	13.2	2.2	8	25
GN 927.5-44-M5-B	44	M 5	12	12	14	0.5	13.2	2.2	8	25
GN 927.5-63-M5-B	63	M 5	16	16	18.5	0.75	16.3	3	10	57
GN 927.5-63-M6-B	63	M 6	16	16	18.5	0.75	16.3	3	10	56
GN 927.5-82-M6-B	82	M 6	20	20	22.5	1	19.5	3.7	12	112
GN 927.5-82-M8-B	82	M 8	20	20	22.5	1	19.5	3.7	12	111
GN 927.5-101-M8-B	101	M 8	25	26	27	1.5	25.3	4.8	15	214
GN 927.5-101-M10-B	101	M 10	25	26	27	1.5	25.3	4.8	15	212



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Clamping levers

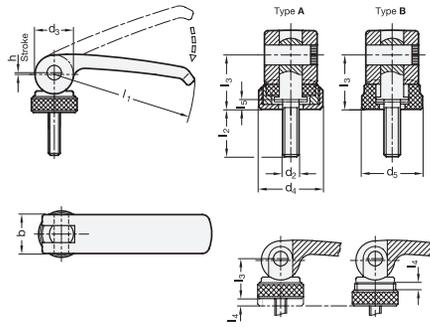


GN 927.5-A-With threaded stud, plastic contact plate with setting nut

STAINLESS STEEL

Description	l1	d2	l2 In clamping position	b	d3	d4	h Stroke at 90° lever movement	l3 In clamping position	l4 Adjustable range	l5 In clamping position	
GN 927.5-44-M4-12-A	44	M 4	12	12	12	15	0.5	13.2	2	2.2	30
GN 927.5-44-M4-16-A	44	M 4	16	12	12	15	0.5	13.2	2	2.2	30
GN 927.5-44-M4-20-A	44	M 4	20	12	12	15	0.5	13.2	2	2.2	29
GN 927.5-44-M4-25-A	44	M 4	25	12	12	15	0.5	13.2	2	2.2	31
GN 927.5-44-M4-30-A	44	M 4	30	12	12	15	0.5	13.2	2	2.2	31
GN 927.5-44-M5-12-A	44	M 5	12	12	12	15	0.5	13.2	2	2.2	29
GN 927.5-44-M5-16-A	44	M 5	16	12	12	15	0.5	13.2	2	2.2	31
GN 927.5-44-M5-20-A	44	M 5	20	12	12	15	0.5	13.2	2	2.2	33
GN 927.5-44-M5-25-A	44	M 5	25	12	12	15	0.5	13.2	2	2.2	33
GN 927.5-44-M5-30-A	44	M 5	30	12	12	15	0.5	13.2	2	2.2	33
GN 927.5-44-M5-35-A	44	M 5	35	12	12	15	0.5	13.2	2	2.2	35
GN 927.5-44-M5-40-A	44	M 5	40	12	12	15	0.5	13.2	2	2.2	33
GN 927.5-63-M5-16-A	63	M 5	16	16	16	19	0.75	16.3	2.5	3	67
GN 927.5-63-M5-20-A	63	M 5	20	16	16	19	0.75	16.3	2.5	3	66
GN 927.5-63-M5-25-A	63	M 5	25	16	16	19	0.75	16.3	2.5	3	67
GN 927.5-63-M5-30-A	63	M 5	30	16	16	19	0.75	16.3	2.5	3	67
GN 927.5-63-M5-35-A	63	M 5	35	16	16	19	0.75	16.3	2.5	3	68
GN 927.5-63-M5-40-A	63	M 5	40	16	16	19	0.75	16.3	2.5	3	68
GN 927.5-63-M5-50-A	63	M 5	50	16	16	19	0.75	16.3	2.5	3	70
GN 927.5-63-M6-16-A	63	M 6	16	16	16	19	0.75	16.3	2.5	3	67
GN 927.5-63-M6-20-A	63	M 6	20	16	16	19	0.75	16.3	2.5	3	67
GN 927.5-63-M6-25-A	63	M 6	25	16	16	19	0.75	16.3	2.5	3	68
GN 927.5-63-M6-30-A	63	M 6	30	16	16	19	0.75	16.3	2.5	3	68
GN 927.5-63-M6-35-A	63	M 6	35	16	16	19	0.75	16.3	2.5	3	70
GN 927.5-63-M6-40-A	63	M 6	40	16	16	19	0.75	16.3	2.5	3	70
GN 927.5-63-M6-50-A	63	M 6	50	16	16	19	0.75	16.3	2.5	3	77
GN 927.5-82-M6-20-A	82	M 6	20	20	20	25	1	19.5	3	3.7	132
GN 927.5-82-M6-25-A	82	M 6	25	20	20	25	1	19.5	3	3.7	132
GN 927.5-82-M6-30-A	82	M 6	30	20	20	25	1	19.5	3	3.7	133
GN 927.5-82-M6-35-A	82	M 6	35	20	20	25	1	19.5	3	3.7	135
GN 927.5-82-M6-40-A	82	M 6	40	20	20	25	1	19.5	3	3.7	135
GN 927.5-82-M6-50-A	82	M 6	50	20	20	25	1	19.5	3	3.7	136
GN 927.5-82-M6-60-A	82	M 6	60	20	20	25	1	19.5	3	3.7	138
GN 927.5-82-M8-20-A	82	M 8	20	20	20	25	1	19.5	3	3.7	121
GN 927.5-82-M8-25-A	82	M 8	25	20	20	25	1	19.5	3	3.7	130
GN 927.5-82-M8-30-A	82	M 8	30	20	20	25	1	19.5	3	3.7	138
GN 927.5-82-M8-35-A	82	M 8	35	20	20	25	1	19.5	3	3.7	139
GN 927.5-82-M8-40-A	82	M 8	40	20	20	25	1	19.5	3	3.7	140
GN 927.5-82-M8-50-A	82	M 8	50	20	20	25	1	19.5	3	3.7	143
GN 927.5-82-M8-60-A	82	M 8	60	20	20	25	1	19.5	3	3.7	165
GN 927.5-101-M8-20-A	101	M 8	20	25	26	30	1.5	25.3	4	4.8	254
GN 927.5-101-M8-25-A	101	M 8	25	25	26	30	1.5	25.3	4	4.8	256
GN 927.5-101-M8-30-A	101	M 8	30	25	26	30	1.5	25.3	4	4.8	257
GN 927.5-101-M8-35-A	101	M 8	35	25	26	30	1.5	25.3	4	4.8	260
GN 927.5-101-M8-40-A	101	M 8	40	25	26	30	1.5	25.3	4	4.8	232
GN 927.5-101-M8-50-A	101	M 8	50	25	26	30	1.5	25.3	4	4.8	267
GN 927.5-101-M8-60-A	101	M 8	60	25	26	30	1.5	25.3	4	4.8	267
GN 927.5-101-M10-20-A	101	M 10	20	25	26	30	1.5	25.3	4	4.8	257
GN 927.5-101-M10-25-A	101	M 10	25	25	26	30	1.5	25.3	4	4.8	260
GN 927.5-101-M10-30-A	101	M 10	30	25	26	30	1.5	25.3	4	4.8	263
GN 927.5-101-M10-35-A	101	M 10	35	25	26	30	1.5	25.3	4	4.8	264
GN 927.5-101-M10-40-A	101	M 10	40	25	26	30	1.5	25.3	4	4.8	266
GN 927.5-101-M10-50-A	101	M 10	50	25	26	30	1.5	25.3	4	4.8	274
GN 927.5-101-M10-60-A	101	M 10	60	25	26	30	1.5	25.3	4	4.8	276

Clamping levers 3



GN 927.5-B-With threaded stud, plastic contact plate without setting nut

STAINLESS STEEL

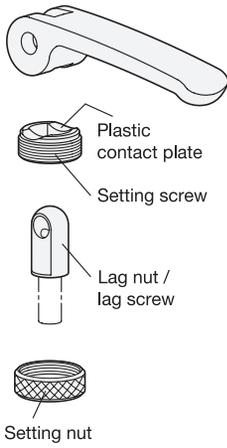
Description	l1	d2	l2 In clamping position	b	d3	d5	h Stroke at 90° lever movement	l3 In clamping position	l5 In clamping position	⚖
GN 927.5-44-M4-12-B	44	M 4	12	12	12	14	0.5	13.2	2.2	26
GN 927.5-44-M4-16-B	44	M 4	16	12	12	14	0.5	13.2	2.2	27
GN 927.5-44-M4-20-B	44	M 4	20	12	12	14	0.5	13.2	2.2	26
GN 927.5-44-M4-25-B	44	M 4	25	12	12	14	0.5	13.2	2.2	27
GN 927.5-44-M4-30-B	44	M 4	30	12	12	14	0.5	13.2	2.2	28
GN 927.5-44-M5-12-B	44	M 5	12	12	12	14	0.5	13.2	2.2	25
GN 927.5-44-M5-16-B	44	M 5	16	12	12	14	0.5	13.2	2.2	28
GN 927.5-44-M5-20-B	44	M 5	20	12	12	14	0.5	13.2	2.2	30
GN 927.5-44-M5-25-B	44	M 5	25	12	12	14	0.5	13.2	2.2	30
GN 927.5-44-M5-30-B	44	M 5	30	12	12	14	0.5	13.2	2.2	30
GN 927.5-44-M5-35-B	44	M 5	35	12	12	14	0.5	13.2	2.2	32
GN 927.5-44-M5-40-B	44	M 5	40	12	12	14	0.5	13.2	2.2	30
GN 927.5-63-M5-16-B	63	M 5	16	16	16	18.5	0.75	16.3	3	60
GN 927.5-63-M5-20-B	63	M 5	20	16	16	18.5	0.75	16.3	3	60
GN 927.5-63-M5-25-B	63	M 5	25	16	16	18.5	0.75	16.3	3	61
GN 927.5-63-M5-30-B	63	M 5	30	16	16	18.5	0.75	16.3	3	61
GN 927.5-63-M5-35-B	63	M 5	35	16	16	18.5	0.75	16.3	3	62
GN 927.5-63-M5-40-B	63	M 5	40	16	16	18.5	0.75	16.3	3	63
GN 927.5-63-M5-50-B	63	M 5	50	16	16	18.5	0.75	16.3	3	64
GN 927.5-63-M6-16-B	63	M 6	16	16	16	18.5	0.75	16.3	3	60
GN 927.5-63-M6-20-B	63	M 6	20	16	16	18.5	0.75	16.3	3	61
GN 927.5-63-M6-25-B	63	M 6	25	16	16	18.5	0.75	16.3	3	62
GN 927.5-63-M6-30-B	63	M 6	30	16	16	18.5	0.75	16.3	3	63
GN 927.5-63-M6-35-B	63	M 6	35	16	16	18.5	0.75	16.3	3	64
GN 927.5-63-M6-40-B	63	M 6	40	16	16	18.5	0.75	16.3	3	64
GN 927.5-63-M6-50-B	63	M 6	50	16	16	18.5	0.75	16.3	3	66
GN 927.5-82-M6-20-B	82	M 6	20	20	20	22.5	1	19.5	3.7	118
GN 927.5-82-M6-25-B	82	M 6	25	20	20	22.5	1	19.5	3.7	119
GN 927.5-82-M6-30-B	82	M 6	30	20	20	22.5	1	19.5	3.7	120
GN 927.5-82-M6-35-B	82	M 6	35	20	20	22.5	1	19.5	3.7	121
GN 927.5-82-M6-40-B	82	M 6	40	20	20	22.5	1	19.5	3.7	122
GN 927.5-82-M6-50-B	82	M 6	50	20	20	22.5	1	19.5	3.7	123
GN 927.5-82-M6-60-B	82	M 6	60	20	20	22.5	1	19.5	3.7	125
GN 927.5-82-M8-20-B	82	M 8	20	20	20	22.5	1	19.5	3.7	121
GN 927.5-82-M8-25-B	82	M 8	25	20	20	22.5	1	19.5	3.7	123
GN 927.5-82-M8-30-B	82	M 8	30	20	20	22.5	1	19.5	3.7	130
GN 927.5-82-M8-35-B	82	M 8	35	20	20	22.5	1	19.5	3.7	125
GN 927.5-82-M8-40-B	82	M 8	40	20	20	22.5	1	19.5	3.7	126
GN 927.5-82-M8-50-B	82	M 8	50	20	20	22.5	1	19.5	3.7	124
GN 927.5-82-M8-60-B	82	M 8	60	20	20	22.5	1	19.5	3.7	120
GN 927.5-101-M8-20-B	101	M 8	20	25	26	27	1.5	25.3	4.8	230
GN 927.5-101-M8-25-B	101	M 8	25	25	26	27	1.5	25.3	4.8	229
GN 927.5-101-M8-30-B	101	M 8	30	25	26	27	1.5	25.3	4.8	233
GN 927.5-101-M8-35-B	101	M 8	35	25	26	27	1.5	25.3	4.8	234
GN 927.5-101-M8-40-B	101	M 8	40	25	26	27	1.5	25.3	4.8	244
GN 927.5-101-M8-50-B	101	M 8	50	25	26	27	1.5	25.3	4.8	239
GN 927.5-101-M8-60-B	101	M 8	60	25	26	27	1.5	25.3	4.8	241
GN 927.5-101-M10-20-B	101	M 10	20	25	26	27	1.5	25.3	4.8	233
GN 927.5-101-M10-25-B	101	M 10	25	25	26	27	1.5	25.3	4.8	235
GN 927.5-101-M10-30-B	101	M 10	30	25	26	27	1.5	25.3	4.8	238
GN 927.5-101-M10-35-B	101	M 10	35	25	26	27	1.5	25.3	4.8	240
GN 927.5-101-M10-40-B	101	M 10	40	25	26	27	1.5	25.3	4.8	243
GN 927.5-101-M10-50-B	101	M 10	50	25	26	27	1.5	25.3	4.8	248
GN 927.5-101-M10-60-B	101	M 10	60	25	26	27	1.5	25.3	4.8	251



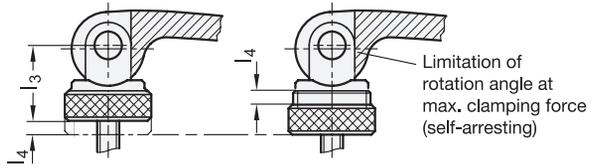
3
Clamping levers



Constructional features (Type A)

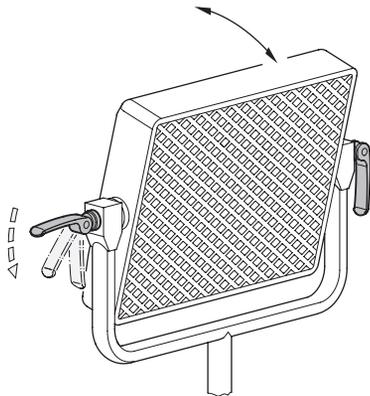


l_4 adjustable by the setting screw for optimum clamping force at the preferred lever position.

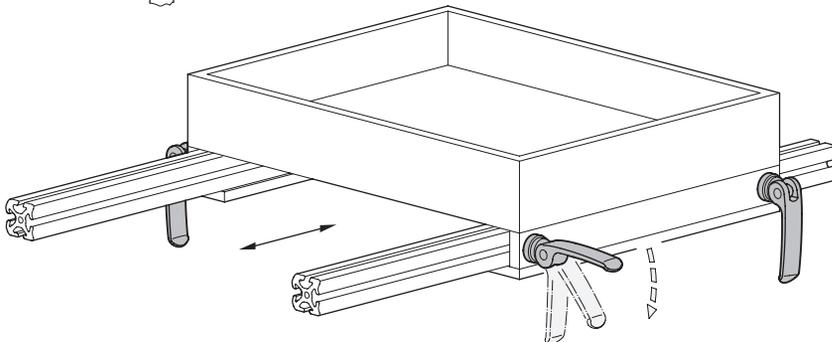


l_4 must not be exceeded. Otherwise there is the risk that the positioning thread can no longer absorb the clamping force or may be damaged.

Application examples



Shelf tray or storage tray etc. with linear adjustment



Clamping levers 3