

## Clamping Levers with Eccentric Cam

Lever 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

Steel precision casting  
Zinc plated, blue passivated

#### Axis

Stainless steel AISI 303  
Chemically nickel plated

#### Lag nut / Lag screw / Setting nut

Steel  
Zinc plated, blue passivated

#### Contact plate

Plastic, glass fiber reinforced

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

### INFORMATION

Clamping levers with eccentric cam GN 927.3 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.

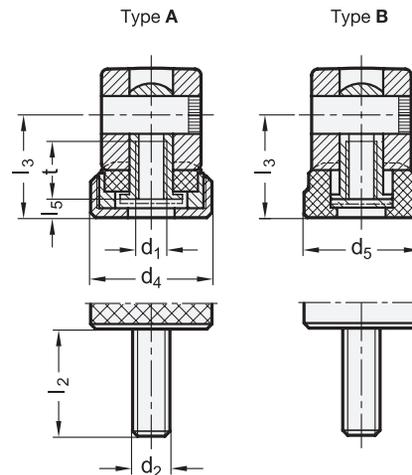
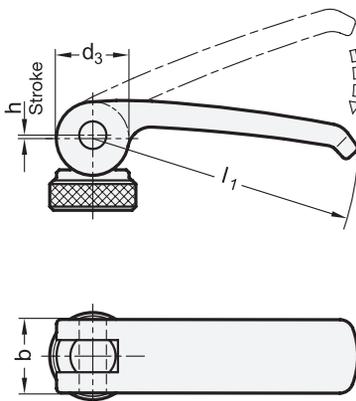
The type A has the following advantages:

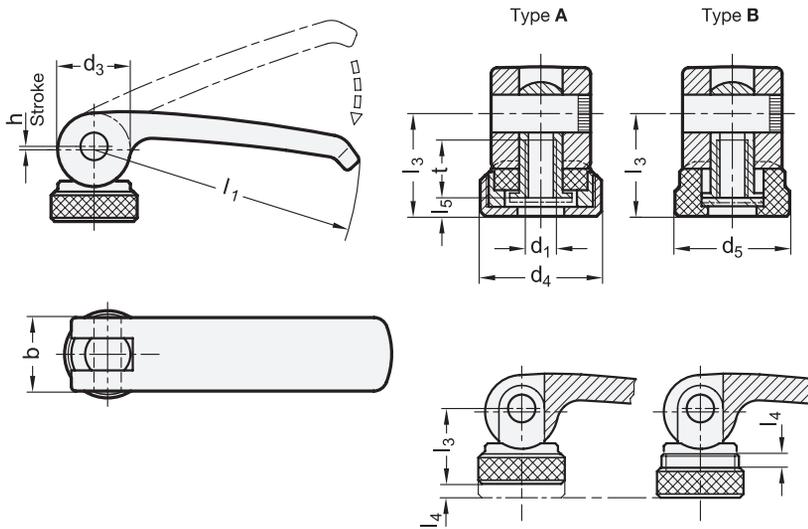
The distance between the lever cam and the clamping surface is adjustable via a fine pitch thread, allowing the clamping position to be set easily with maximum clamping force. Also, the position of the lever relative to the clamping axis can be determined.



### 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)





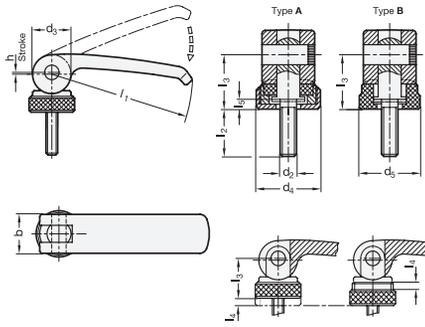
GN 927.3-A-With internal thread, plastic contact plate with setting nut

Description	l <sub>1</sub>	d <sub>1</sub>	b	d <sub>3</sub>	d <sub>4</sub>	h Stroke at 90° lever movement	l <sub>3</sub> In clamping position	l <sub>4</sub> Adjustable range	l <sub>5</sub> In clamping position	t Useable thread length	⚖
GN 927.3-44-M4-A	44	M 4	12	12	15	0.5	13.2	2	2.2	8	27
GN 927.3-44-M5-A	44	M 5	12	12	15	0.5	13.2	2	2.2	8	27
GN 927.3-63-M5-A	63	M 5	16	16	19	0.75	16.3	2.5	3	10	63
GN 927.3-63-M6-A	63	M 6	16	16	19	0.75	16.3	2.5	3	10	63
GN 927.3-82-M6-A	82	M 6	20	20	25	1	19.5	3	3.7	12	125
GN 927.3-82-M8-A	82	M 8	20	20	25	1	19.5	3	3.7	12	123
GN 927.3-101-M8-A	101	M 8	25	26	30	1.5	25.3	4	4.8	15	243
GN 927.3-101-M10-A	101	M 10	25	26	30	1.5	25.3	4	4.8	15	240

GN 927.3-B-With internal thread, plastic contact plate without setting nut

Description	l <sub>1</sub>	d <sub>1</sub>	b	d <sub>3</sub>	d <sub>5</sub>	h Stroke at 90° lever movement	l <sub>3</sub> In clamping position	l <sub>5</sub> In clamping position	t Useable thread length	⚖
GN 927.3-44-M4-B	44	M 4	12	12	14	0.5	13.2	2.2	8	24
GN 927.3-44-M5-B	44	M 5	12	12	14	0.5	13.2	2.2	8	24
GN 927.3-63-M5-B	63	M 5	16	16	18.5	0.75	16.3	3	10	58
GN 927.3-63-M6-B	63	M 6	16	16	18.5	0.75	16.3	3	10	57
GN 927.3-82-M6-B	82	M 6	20	20	22.5	1	19.5	3.7	12	114
GN 927.3-82-M8-B	82	M 8	20	20	22.5	1	19.5	3.7	12	110
GN 927.3-101-M8-B	101	M 8	25	26	27	1.5	25.3	4.8	15	217
GN 927.3-101-M10-B	101	M 10	25	26	27	1.5	25.3	4.8	15	213

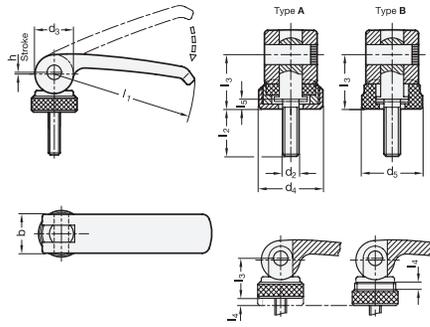




GN 927.3-A-With threaded stud, plastic contact plate with setting nut

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 927.3-44-M4-12-A	44	M 4	12	12	12	15	0.5	13.2	2	2.2	27
GN 927.3-44-M4-16-A	44	M 4	16	12	12	15	0.5	13.2	2	2.2	29
GN 927.3-44-M4-20-A	44	M 4	20	12	12	15	0.5	13.2	2	2.2	29
GN 927.3-44-M4-25-A	44	M 4	25	12	12	15	0.5	13.2	2	2.2	29
GN 927.3-44-M4-30-A	44	M 4	30	12	12	15	0.5	13.2	2	2.2	30
GN 927.3-44-M5-12-A	44	M 5	12	12	12	15	0.5	13.2	2	2.2	29
GN 927.3-44-M5-16-A	44	M 5	16	12	12	15	0.5	13.2	2	2.2	29
GN 927.3-44-M5-20-A	44	M 5	20	12	12	15	0.5	13.2	2	2.2	30
GN 927.3-44-M5-25-A	44	M 5	25	12	12	15	0.5	13.2	2	2.2	30
GN 927.3-44-M5-30-A	44	M 5	30	12	12	15	0.5	13.2	2	2.2	31
GN 927.3-44-M5-35-A	44	M 5	35	12	12	15	0.5	13.2	2	2.2	32
GN 927.3-44-M5-40-A	44	M 5	40	12	12	15	0.5	13.2	2	2.2	32
GN 927.3-63-M5-16-A	63	M 5	16	16	16	19	0.75	16.3	2.5	3	45
GN 927.3-63-M5-20-A	63	M 5	20	16	16	19	0.75	16.3	2.5	3	66
GN 927.3-63-M5-25-A	63	M 5	25	16	16	19	0.75	16.3	2.5	3	68
GN 927.3-63-M5-30-A	63	M 5	30	16	16	19	0.75	16.3	2.5	3	69
GN 927.3-63-M5-35-A	63	M 5	35	16	16	19	0.75	16.3	2.5	3	69
GN 927.3-63-M5-40-A	63	M 5	40	16	16	19	0.75	16.3	2.5	3	70
GN 927.3-63-M5-50-A	63	M 5	50	16	16	19	0.75	16.3	2.5	3	71
GN 927.3-63-M6-16-A	63	M 6	16	16	16	19	0.75	16.3	2.5	3	67
GN 927.3-63-M6-20-A	63	M 6	20	16	16	19	0.75	16.3	2.5	3	67
GN 927.3-63-M6-25-A	63	M 6	25	16	16	19	0.75	16.3	2.5	3	69
GN 927.3-63-M6-30-A	63	M 6	30	16	16	19	0.75	16.3	2.5	3	50
GN 927.3-63-M6-35-A	63	M 6	35	16	16	19	0.75	16.3	2.5	3	70
GN 927.3-63-M6-40-A	63	M 6	40	16	16	19	0.75	16.3	2.5	3	72
GN 927.3-63-M6-50-A	63	M 6	50	16	16	19	0.75	16.3	2.5	3	76
GN 927.3-82-M6-20-A	82	M 6	20	20	20	25	1	19.5	3	3.7	131
GN 927.3-82-M6-25-A	82	M 6	25	20	20	25	1	19.5	3	3.7	131
GN 927.3-82-M6-30-A	82	M 6	30	20	20	25	1	19.5	3	3.7	132
GN 927.3-82-M6-35-A	82	M 6	35	20	20	25	1	19.5	3	3.7	134
GN 927.3-82-M6-40-A	82	M 6	40	20	20	25	1	19.5	3	3.7	137
GN 927.3-82-M6-50-A	82	M 6	50	20	20	25	1	19.5	3	3.7	137
GN 927.3-82-M6-60-A	82	M 6	60	20	20	25	1	19.5	3	3.7	138
GN 927.3-82-M8-20-A	82	M 8	20	20	20	25	1	19.5	3	3.7	135
GN 927.3-82-M8-25-A	82	M 8	25	20	20	25	1	19.5	3	3.7	136
GN 927.3-82-M8-30-A	82	M 8	30	20	20	25	1	19.5	3	3.7	137
GN 927.3-82-M8-35-A	82	M 8	35	20	20	25	1	19.5	3	3.7	140
GN 927.3-82-M8-40-A	82	M 8	40	20	20	25	1	19.5	3	3.7	141
GN 927.3-82-M8-50-A	82	M 8	50	20	20	25	1	19.5	3	3.7	143
GN 927.3-82-M8-60-A	82	M 8	60	20	20	25	1	19.5	3	3.7	147
GN 927.3-101-M8-20-A	101	M 8	20	25	26	30	1.5	25.3	4	4.8	255
GN 927.3-101-M8-25-A	101	M 8	25	25	26	30	1.5	25.3	4	4.8	265
GN 927.3-101-M8-30-A	101	M 8	30	25	26	30	1.5	25.3	4	4.8	258
GN 927.3-101-M8-35-A	101	M 8	35	25	26	30	1.5	25.3	4	4.8	260
GN 927.3-101-M8-40-A	101	M 8	40	25	26	30	1.5	25.3	4	4.8	261
GN 927.3-101-M8-50-A	101	M 8	50	25	26	30	1.5	25.3	4	4.8	262
GN 927.3-101-M8-60-A	101	M 8	60	25	26	30	1.5	25.3	4	4.8	266
GN 927.3-101-M10-20-A	101	M 10	20	25	26	30	1.5	25.3	4	4.8	257
GN 927.3-101-M10-25-A	101	M 10	25	25	26	30	1.5	25.3	4	4.8	258
GN 927.3-101-M10-30-A	101	M 10	30	25	26	30	1.5	25.3	4	4.8	262
GN 927.3-101-M10-35-A	101	M 10	35	25	26	30	1.5	25.3	4	4.8	266
GN 927.3-101-M10-40-A	101	M 10	40	25	26	30	1.5	25.3	4	4.8	266
GN 927.3-101-M10-50-A	101	M 10	50	25	26	30	1.5	25.3	4	4.8	270
GN 927.3-101-M10-60-A	101	M 10	60	25	26	30	1.5	25.3	4	4.8	278

Clamping levers 3



GN 927.3-B-With threaded stud, plastic contact plate without setting nut

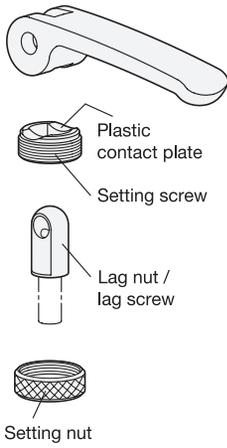
Description	l1	d2	l2 In clamping position	b	d3	d5	h Stroke at 90° lever movement	l3 In clamping position	l5 In clamping position	⚖
GN 927.3-44-M4-12-B	44	M 4	12	12	12	14	0.5	13.2	2.2	24
GN 927.3-44-M4-16-B	44	M 4	16	12	12	14	0.5	13.2	2.2	26
GN 927.3-44-M4-20-B	44	M 4	20	12	12	14	0.5	13.2	2.2	26
GN 927.3-44-M4-25-B	44	M 4	25	12	12	14	0.5	13.2	2.2	26
GN 927.3-44-M4-30-B	44	M 4	30	12	12	14	0.5	13.2	2.2	27
GN 927.3-44-M5-12-B	44	M 5	12	12	12	14	0.5	13.2	2.2	26
GN 927.3-44-M5-16-B	44	M 5	16	12	12	14	0.5	13.2	2.2	26
GN 927.3-44-M5-20-B	44	M 5	20	12	12	14	0.5	13.2	2.2	27
GN 927.3-44-M5-25-B	44	M 5	25	12	12	14	0.5	13.2	2.2	27
GN 927.3-44-M5-30-B	44	M 5	30	12	12	14	0.5	13.2	2.2	28
GN 927.3-44-M5-35-B	44	M 5	35	12	12	14	0.5	13.2	2.2	29
GN 927.3-44-M5-40-B	44	M 5	40	12	12	14	0.5	13.2	2.2	29
GN 927.3-63-M5-16-B	63	M 5	16	16	16	18.5	0.75	16.3	3	60
GN 927.3-63-M5-20-B	63	M 5	20	16	16	18.5	0.75	16.3	3	61
GN 927.3-63-M5-25-B	63	M 5	25	16	16	18.5	0.75	16.3	3	61
GN 927.3-63-M5-30-B	63	M 5	30	16	16	18.5	0.75	16.3	3	62
GN 927.3-63-M5-35-B	63	M 5	35	16	16	18.5	0.75	16.3	3	63
GN 927.3-63-M5-40-B	63	M 5	40	16	16	18.5	0.75	16.3	3	64
GN 927.3-63-M5-50-B	63	M 5	50	16	16	18.5	0.75	16.3	3	64
GN 927.3-63-M6-16-B	63	M 6	16	16	16	18.5	0.75	16.3	3	61
GN 927.3-63-M6-20-B	63	M 6	20	16	16	18.5	0.75	16.3	3	62
GN 927.3-63-M6-25-B	63	M 6	25	16	16	18.5	0.75	16.3	3	63
GN 927.3-63-M6-30-B	63	M 6	30	16	16	18.5	0.75	16.3	3	64
GN 927.3-63-M6-35-B	63	M 6	35	16	16	18.5	0.75	16.3	3	65
GN 927.3-63-M6-40-B	63	M 6	40	16	16	18.5	0.75	16.3	3	65
GN 927.3-63-M6-50-B	63	M 6	50	16	16	18.5	0.75	16.3	3	67
GN 927.3-82-M6-20-B	82	M 6	20	20	20	22.5	1	19.5	3.7	119
GN 927.3-82-M6-25-B	82	M 6	25	20	20	22.5	1	19.5	3.7	119
GN 927.3-82-M6-30-B	82	M 6	30	20	20	22.5	1	19.5	3.7	121
GN 927.3-82-M6-35-B	82	M 6	35	20	20	22.5	1	19.5	3.7	121
GN 927.3-82-M6-40-B	82	M 6	40	20	20	22.5	1	19.5	3.7	122
GN 927.3-82-M6-50-B	82	M 6	50	20	20	22.5	1	19.5	3.7	123
GN 927.3-82-M6-60-B	82	M 6	60	20	20	22.5	1	19.5	3.7	125
GN 927.3-82-M8-20-B	82	M 8	20	20	20	22.5	1	19.5	3.7	121
GN 927.3-82-M8-25-B	82	M 8	25	20	20	22.5	1	19.5	3.7	124
GN 927.3-82-M8-30-B	82	M 8	30	20	20	22.5	1	19.5	3.7	124
GN 927.3-82-M8-35-B	82	M 8	35	20	20	22.5	1	19.5	3.7	126
GN 927.3-82-M8-40-B	82	M 8	40	20	20	22.5	1	19.5	3.7	126
GN 927.3-82-M8-50-B	82	M 8	50	20	20	22.5	1	19.5	3.7	130
GN 927.3-82-M8-60-B	82	M 8	60	20	20	22.5	1	19.5	3.7	134
GN 927.3-101-M8-20-B	101	M 8	20	25	26	27	1.5	25.3	4.8	231
GN 927.3-101-M8-25-B	101	M 8	25	25	26	27	1.5	25.3	4.8	231
GN 927.3-101-M8-30-B	101	M 8	30	25	26	27	1.5	25.3	4.8	234
GN 927.3-101-M8-35-B	101	M 8	35	25	26	27	1.5	25.3	4.8	235
GN 927.3-101-M8-40-B	101	M 8	40	25	26	27	1.5	25.3	4.8	238
GN 927.3-101-M8-50-B	101	M 8	50	25	26	27	1.5	25.3	4.8	235
GN 927.3-101-M8-60-B	101	M 8	60	25	26	27	1.5	25.3	4.8	240
GN 927.3-101-M10-20-B	101	M 10	20	25	26	27	1.5	25.3	4.8	233
GN 927.3-101-M10-25-B	101	M 10	25	25	26	27	1.5	25.3	4.8	236
GN 927.3-101-M10-30-B	101	M 10	30	25	26	27	1.5	25.3	4.8	238
GN 927.3-101-M10-35-B	101	M 10	35	25	26	27	1.5	25.3	4.8	238
GN 927.3-101-M10-40-B	101	M 10	40	25	26	27	1.5	25.3	4.8	241
GN 927.3-101-M10-50-B	101	M 10	50	25	26	27	1.5	25.3	4.8	257
GN 927.3-101-M10-60-B	101	M 10	60	25	26	27	1.5	25.3	4.8	254



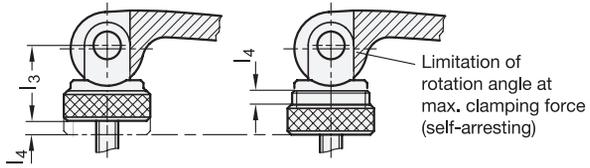
3  
Clamping levers



Constructional features (Type A)

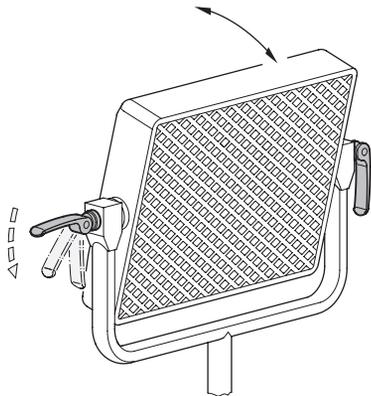


$l_4$  adjustable by the setting screw for optimum clamping force at the preferred lever position.



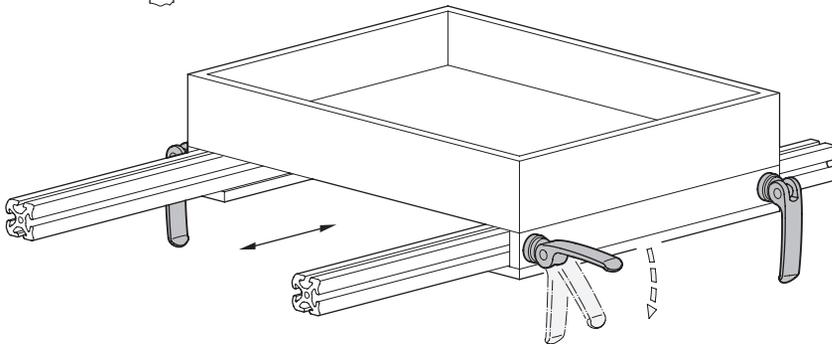
$l_4$  must not be exceeded. Otherwise there is the risk that the positioning thread can no longer absorb the clamping force or may be damaged.

Application examples



Lighting tripod, camera tripod or speaker tripod etc. with tilt adjustment

Shelf tray or storage tray etc. with linear adjustment



Clamping levers 3