

Clamping Levers with Eccentric Cam

**Stainless Steel,
with Internal Thread / with Threaded Stud**

SPECIFICATION

Types

- Type **A**: Stainless steel contact plate with setting nut
- Type **B**: Stainless steel 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

Setting nut for type A

Stainless steel AISI 303
Chemically nickel plated

Contact plate

Stainless steel AISI 431
Hardened

INFORMATION

Clamping levers with eccentric cam GN 927.7 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.

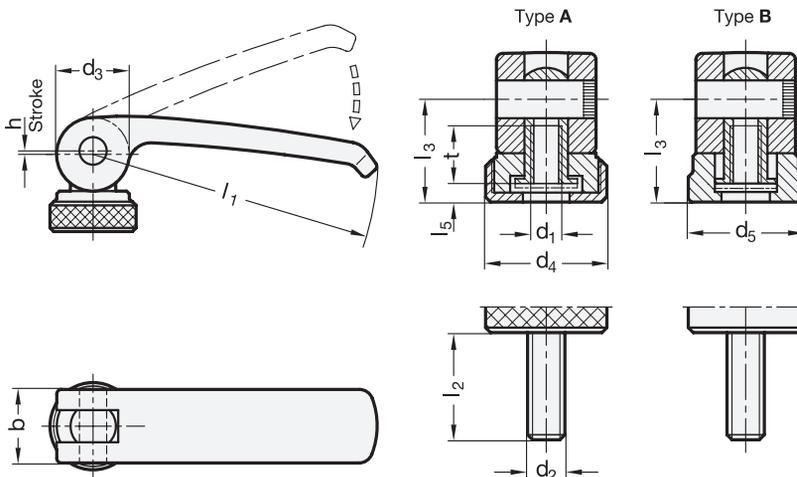
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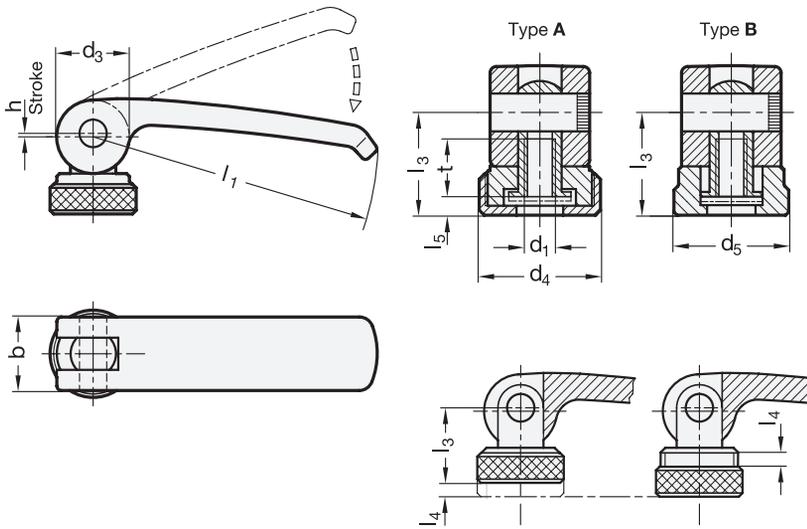
- Clamping surface free of grease



TECHNICAL INFORMATION

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





GN 927.7-A-With internal thread, stainless steel contact plate with setting nut

STAINLESS STEEL

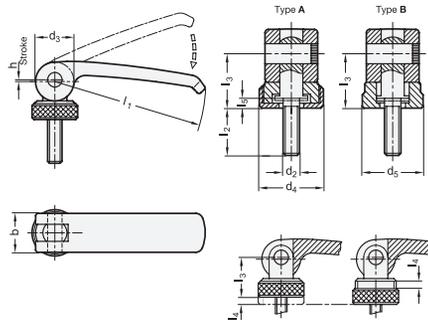
Description	l ₁	d ₁	b	d ₃	d ₄	h Stroke at 90° lever movement	l ₃ In clamping position	l ₄ Adjustable range	l ₅ In clamping position	t Useable thread length	⚖
GN 927.7-44-M4-A	44	M 4	12	12	15	0.5	13.2	2	2.2	8	30
GN 927.7-44-M5-A	44	M 5	12	12	15	0.5	13.2	2	2.2	8	30
GN 927.7-63-M5-A	63	M 5	16	16	19	0.75	16.3	2.5	3	10	65
GN 927.7-63-M6-A	63	M 6	16	16	19	0.75	16.3	2.5	3	10	65
GN 927.7-82-M6-A	82	M 6	20	20	25	1	19.5	3	3.7	12	129
GN 927.7-82-M8-A	82	M 8	20	20	25	1	19.5	3	3.7	12	128
GN 927.7-101-M8-A	101	M 8	25	26	30	1.5	25.3	4	4.8	15	250
GN 927.7-101-M10-A	101	M 10	25	26	30	1.5	25.3	4	4.8	15	230

GN 927.7-B-With internal thread, stainless steel 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 927.7-44-M4-B	44	M 4	12	12	14	0.5	13.2	2.2	8	28
GN 927.7-44-M5-B	44	M 5	12	12	14	0.5	13.2	2.2	8	28
GN 927.7-63-M5-B	63	M 5	16	16	18.5	0.75	16.3	3	10	65
GN 927.7-63-M6-B	63	M 6	16	16	18.5	0.75	16.3	3	10	64
GN 927.7-82-M6-B	82	M 6	20	20	22.5	1	19.5	3.7	12	124
GN 927.7-82-M8-B	82	M 8	20	20	22.5	1	19.5	3.7	12	121
GN 927.7-101-M8-B	101	M 8	25	26	27	1.5	25.3	4.8	15	238
GN 927.7-101-M10-B	101	M 10	25	26	27	1.5	25.3	4.8	15	235



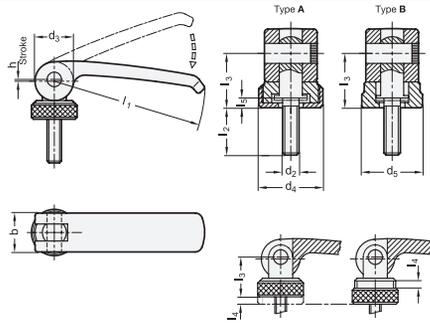


GN 927.7-A-With threaded stud, stainless steel contact plate with setting nut

STAINLESS STEEL

Description	l ₁	d ₂	l ₂ In clamping position	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	⚖
GN 927.7-44-M4-12-A	44	M 4	12	12	12	15	0.5	13.2	2	2.2	32
GN 927.7-44-M4-16-A	44	M 4	16	12	12	15	0.5	13.2	2	2.2	32
GN 927.7-44-M4-20-A	44	M 4	20	12	12	15	0.5	13.2	2	2.2	31
GN 927.7-44-M4-25-A	44	M 4	25	12	12	15	0.5	13.2	2	2.2	33
GN 927.7-44-M4-30-A	44	M 4	30	12	12	15	0.5	13.2	2	2.2	33
GN 927.7-44-M5-12-A	44	M 5	12	12	12	15	0.5	13.2	2	2.2	31
GN 927.7-44-M5-16-A	44	M 5	16	12	12	15	0.5	13.2	2	2.2	34
GN 927.7-44-M5-20-A	44	M 5	20	12	12	15	0.5	13.2	2	2.2	36
GN 927.7-44-M5-25-A	44	M 5	25	12	12	15	0.5	13.2	2	2.2	36
GN 927.7-44-M5-30-A	44	M 5	30	12	12	15	0.5	13.2	2	2.2	36
GN 927.7-44-M5-35-A	44	M 5	35	12	12	15	0.5	13.2	2	2.2	38
GN 927.7-44-M5-40-A	44	M 5	40	12	12	15	0.5	13.2	2	2.2	36
GN 927.7-63-M5-16-A	63	M 5	16	16	16	19	0.75	16.3	2.5	3	69
GN 927.7-63-M5-20-A	63	M 5	20	16	16	19	0.75	16.3	2.5	3	70
GN 927.7-63-M5-25-A	63	M 5	25	16	16	19	0.75	16.3	2.5	3	70
GN 927.7-63-M5-30-A	63	M 5	30	16	16	19	0.75	16.3	2.5	3	70
GN 927.7-63-M5-35-A	63	M 5	35	16	16	19	0.75	16.3	2.5	3	71
GN 927.7-63-M5-40-A	63	M 5	40	16	16	19	0.75	16.3	2.5	3	72
GN 927.7-63-M5-50-A	63	M 5	50	16	16	19	0.75	16.3	2.5	3	72
GN 927.7-63-M6-16-A	63	M 6	16	16	16	19	0.75	16.3	2.5	3	69
GN 927.7-63-M6-20-A	63	M 6	20	16	16	19	0.75	16.3	2.5	3	70
GN 927.7-63-M6-25-A	63	M 6	25	16	16	19	0.75	16.3	2.5	3	70
GN 927.7-63-M6-30-A	63	M 6	30	16	16	19	0.75	16.3	2.5	3	71
GN 927.7-63-M6-35-A	63	M 6	35	16	16	19	0.75	16.3	2.5	3	42
GN 927.7-63-M6-40-A	63	M 6	40	16	16	19	0.75	16.3	2.5	3	73
GN 927.7-63-M6-50-A	63	M 6	50	16	16	19	0.75	16.3	2.5	3	75
GN 927.7-82-M6-20-A	82	M 6	20	20	20	25	1	19.5	3	3.7	135
GN 927.7-82-M6-25-A	82	M 6	25	20	20	25	1	19.5	3	3.7	136
GN 927.7-82-M6-30-A	82	M 6	30	20	20	25	1	19.5	3	3.7	137
GN 927.7-82-M6-35-A	82	M 6	35	20	20	25	1	19.5	3	3.7	138
GN 927.7-82-M6-40-A	82	M 6	40	20	20	25	1	19.5	3	3.7	139
GN 927.7-82-M6-50-A	82	M 6	50	20	20	25	1	19.5	3	3.7	140
GN 927.7-82-M6-60-A	82	M 6	60	20	20	25	1	19.5	3	3.7	142
GN 927.7-82-M8-20-A	82	M 8	20	20	20	25	1	19.5	3	3.7	139
GN 927.7-82-M8-25-A	82	M 8	25	20	20	25	1	19.5	3	3.7	140
GN 927.7-82-M8-30-A	82	M 8	30	20	20	25	1	19.5	3	3.7	141
GN 927.7-82-M8-35-A	82	M 8	35	20	20	25	1	19.5	3	3.7	143
GN 927.7-82-M8-40-A	82	M 8	40	20	20	25	1	19.5	3	3.7	144
GN 927.7-82-M8-50-A	82	M 8	50	20	20	25	1	19.5	3	3.7	146
GN 927.7-82-M8-60-A	82	M 8	60	20	20	25	1	19.5	3	3.7	150
GN 927.7-101-M8-20-A	101	M 8	20	25	26	30	1.5	25.3	4	4.8	262
GN 927.7-101-M8-25-A	101	M 8	25	25	26	30	1.5	25.3	4	4.8	264
GN 927.7-101-M8-30-A	101	M 8	30	25	26	30	1.5	25.3	4	4.8	266
GN 927.7-101-M8-35-A	101	M 8	35	25	26	30	1.5	25.3	4	4.8	267
GN 927.7-101-M8-40-A	101	M 8	40	25	26	30	1.5	25.3	4	4.8	266
GN 927.7-101-M8-50-A	101	M 8	50	25	26	30	1.5	25.3	4	4.8	272
GN 927.7-101-M8-60-A	101	M 8	60	25	26	30	1.5	25.3	4	4.8	273
GN 927.7-101-M10-20-A	101	M 10	20	25	26	30	1.5	25.3	4	4.8	267
GN 927.7-101-M10-25-A	101	M 10	25	25	26	30	1.5	25.3	4	4.8	267
GN 927.7-101-M10-30-A	101	M 10	30	25	26	30	1.5	25.3	4	4.8	271
GN 927.7-101-M10-35-A	101	M 10	35	25	26	30	1.5	25.3	4	4.8	272
GN 927.7-101-M10-40-A	101	M 10	40	25	26	30	1.5	25.3	4	4.8	277
GN 927.7-101-M10-50-A	101	M 10	50	25	26	30	1.5	25.3	4	4.8	280
GN 927.7-101-M10-60-A	101	M 10	60	25	26	30	1.5	25.3	4	4.8	286

Clamping levers 3



GN 927.7-B-With threaded stud, stainless steel contact plate without setting nut

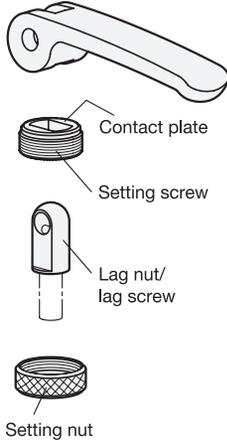
STAINLESS STEEL

Description	l ₁	d ₂	l ₂ In clamping position	b	d ₃	d ₅	h Stroke at 90° lever movement	l ₃ In clamping position	l ₅ In clamping position	⚖
GN 927.7-44-M4-12-B	44	M 4	12	12	12	14	0.5	13.2	2.2	30
GN 927.7-44-M4-16-B	44	M 4	16	12	12	14	0.5	13.2	2.2	30
GN 927.7-44-M4-20-B	44	M 4	20	12	12	14	0.5	13.2	2.2	29
GN 927.7-44-M4-25-B	44	M 4	25	12	12	14	0.5	13.2	2.2	31
GN 927.7-44-M4-30-B	44	M 4	30	12	12	14	0.5	13.2	2.2	31
GN 927.7-44-M5-12-B	44	M 5	12	12	12	14	0.5	13.2	2.2	29
GN 927.7-44-M5-16-B	44	M 5	16	12	12	14	0.5	13.2	2.2	31
GN 927.7-44-M5-20-B	44	M 5	20	12	12	14	0.5	13.2	2.2	33
GN 927.7-44-M5-25-B	44	M 5	25	12	12	14	0.5	13.2	2.2	33
GN 927.7-44-M5-30-B	44	M 5	30	12	12	14	0.5	13.2	2.2	33
GN 927.7-44-M5-35-B	44	M 5	35	12	12	14	0.5	13.2	2.2	35
GN 927.7-44-M5-40-B	44	M 5	40	12	12	14	0.5	13.2	2.2	33
GN 927.7-63-M5-16-B	63	M 5	16	16	16	18.5	0.75	16.3	3	68
GN 927.7-63-M5-20-B	63	M 5	20	16	16	18.5	0.75	16.3	3	68
GN 927.7-63-M5-25-B	63	M 5	25	16	16	18.5	0.75	16.3	3	69
GN 927.7-63-M5-30-B	63	M 5	30	16	16	18.5	0.75	16.3	3	69
GN 927.7-63-M5-35-B	63	M 5	35	16	16	18.5	0.75	16.3	3	70
GN 927.7-63-M5-40-B	63	M 5	40	16	16	18.5	0.75	16.3	3	71
GN 927.7-63-M5-50-B	63	M 5	50	16	16	18.5	0.75	16.3	3	72
GN 927.7-63-M6-16-B	63	M 6	16	16	16	18.5	0.75	16.3	3	68
GN 927.7-63-M6-20-B	63	M 6	20	16	16	18.5	0.75	16.3	3	68
GN 927.7-63-M6-25-B	63	M 6	25	16	16	18.5	0.75	16.3	3	69
GN 927.7-63-M6-30-B	63	M 6	30	16	16	18.5	0.75	16.3	3	70
GN 927.7-63-M6-35-B	63	M 6	35	16	16	18.5	0.75	16.3	3	71
GN 927.7-63-M6-40-B	63	M 6	40	16	16	18.5	0.75	16.3	3	72
GN 927.7-63-M6-50-B	63	M 6	50	16	16	18.5	0.75	16.3	3	74
GN 927.7-82-M6-20-B	82	M 6	20	20	20	22.5	1	19.5	3.7	129
GN 927.7-82-M6-25-B	82	M 6	25	20	20	22.5	1	19.5	3.7	131
GN 927.7-82-M6-30-B	82	M 6	30	20	20	22.5	1	19.5	3.7	130
GN 927.7-82-M6-35-B	82	M 6	35	20	20	22.5	1	19.5	3.7	132
GN 927.7-82-M6-40-B	82	M 6	40	20	20	22.5	1	19.5	3.7	133
GN 927.7-82-M6-50-B	82	M 6	50	20	20	22.5	1	19.5	3.7	134
GN 927.7-82-M6-60-B	82	M 6	60	20	20	22.5	1	19.5	3.7	137
GN 927.7-82-M8-20-B	82	M 8	20	20	20	22.5	1	19.5	3.7	134
GN 927.7-82-M8-25-B	82	M 8	25	20	20	22.5	1	19.5	3.7	134
GN 927.7-82-M8-30-B	82	M 8	30	20	20	22.5	1	19.5	3.7	136
GN 927.7-82-M8-35-B	82	M 8	35	20	20	22.5	1	19.5	3.7	130
GN 927.7-82-M8-40-B	82	M 8	40	20	20	22.5	1	19.5	3.7	138
GN 927.7-82-M8-50-B	82	M 8	50	20	20	22.5	1	19.5	3.7	142
GN 927.7-82-M8-60-B	82	M 8	60	20	20	22.5	1	19.5	3.7	145
GN 927.7-101-M8-20-B	101	M 8	20	25	26	27	1.5	25.3	4.8	250
GN 927.7-101-M8-25-B	101	M 8	25	25	26	27	1.5	25.3	4.8	249
GN 927.7-101-M8-30-B	101	M 8	30	25	26	27	1.5	25.3	4.8	254
GN 927.7-101-M8-35-B	101	M 8	35	25	26	27	1.5	25.3	4.8	255
GN 927.7-101-M8-40-B	101	M 8	40	25	26	27	1.5	25.3	4.8	254
GN 927.7-101-M8-50-B	101	M 8	50	25	26	27	1.5	25.3	4.8	259
GN 927.7-101-M8-60-B	101	M 8	60	25	26	27	1.5	25.3	4.8	264
GN 927.7-101-M10-20-B	101	M 10	20	25	26	27	1.5	25.3	4.8	253
GN 927.7-101-M10-25-B	101	M 10	25	25	26	27	1.5	25.3	4.8	256
GN 927.7-101-M10-30-B	101	M 10	30	25	26	27	1.5	25.3	4.8	258
GN 927.7-101-M10-35-B	101	M 10	35	25	26	27	1.5	25.3	4.8	261
GN 927.7-101-M10-40-B	101	M 10	40	25	26	27	1.5	25.3	4.8	264
GN 927.7-101-M10-50-B	101	M 10	50	25	26	27	1.5	25.3	4.8	268
GN 927.7-101-M10-60-B	101	M 10	60	25	26	27	1.5	25.3	4.8	273

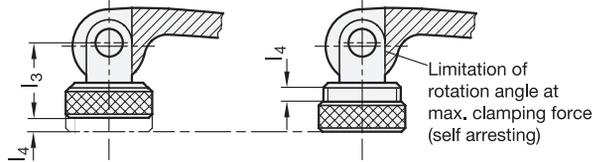


3
Clamping levers

Constructional features (Type A)

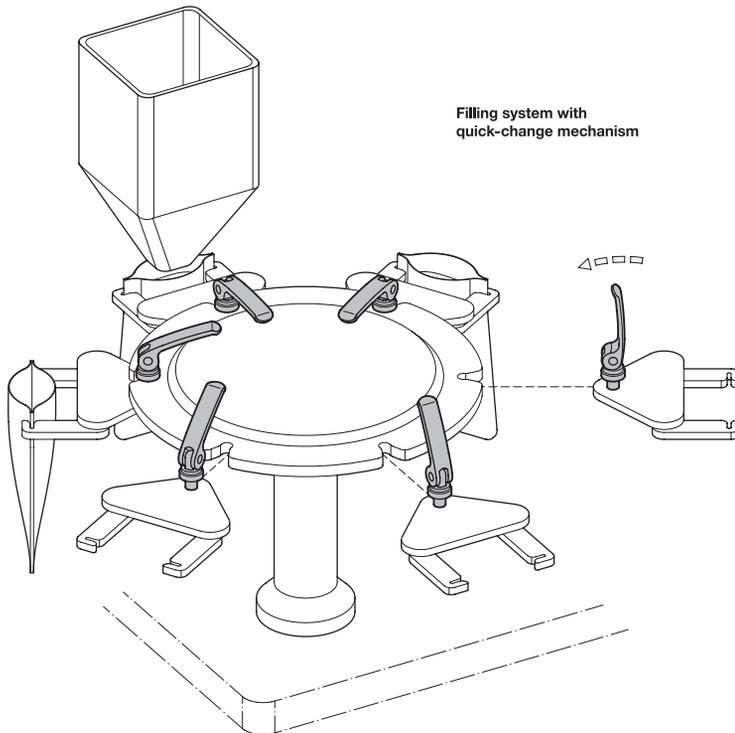


l_4 adjustable by the setting screw for optimum clamping force at the preferred lever position.



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



Clamping levers 3