

Clamping Levers with Eccentric Cam

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

SPECIFICATION

Types

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

Lever

Steel precision casting
Zinc plated, blue passivated **Z**

Axis

Stainless steel AISI 303
Chemically nickel plated

Lag nut / Lag screw

Steel
Zinc plated, blue passivated

Setting nut for type A

Steel
Zinc plated, blue passivated

Contact plate

- Steel
- Zinc flake coated
- Case-hardened

INFORMATION

Clamping levers with eccentric cam GN 927.2 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.

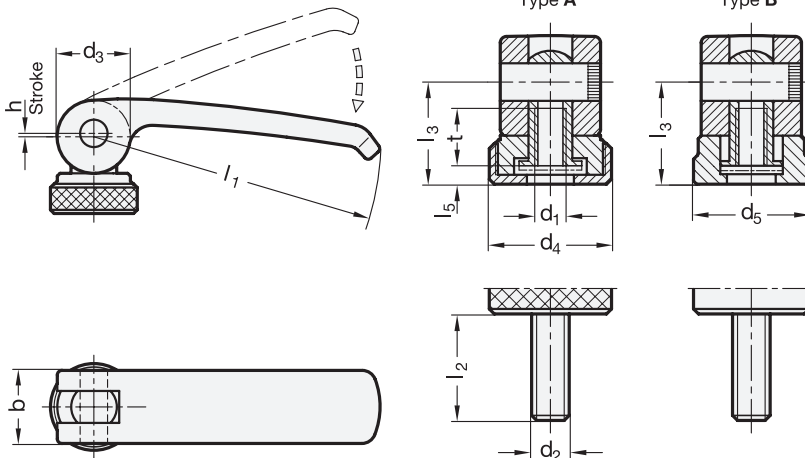


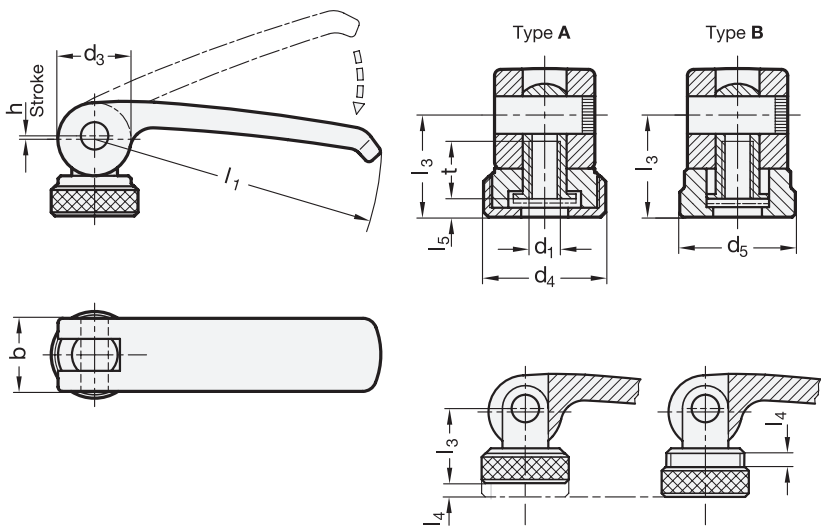
ON REQUEST

- Clamping surface free of grease
- Other finishes

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)



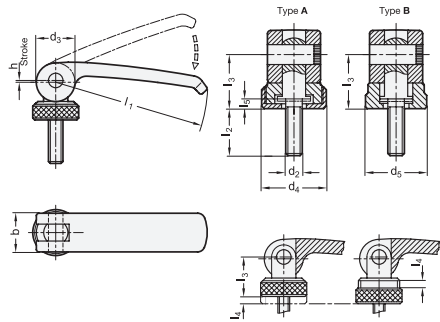


GN 927.2-A-With internal thread, steel contact plate with setting nut

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 927.2-44-M4-A-Z	44	M 4	12	12	15	0.5	13.2	2	2.2	8	30
GN 927.2-44-M5-A-Z	44	M 5	12	12	15	0.5	13.2	2	2.2	8	30
GN 927.2-63-M5-A-Z	63	M 5	16	16	19	0.75	16.3	2.5	3	10	66
GN 927.2-63-M6-A-Z	63	M 6	16	16	19	0.75	16.3	2.5	3	10	66
GN 927.2-82-M6-A-Z	82	M 6	20	20	25	1	19.5	3	3.7	12	131
GN 927.2-82-M8-A-Z	82	M 8	20	20	25	1	19.5	3	3.7	12	128
GN 927.2-101-M8-A-Z	101	M 8	25	26	30	1.5	25.3	4	4.8	15	253
GN 927.2-101-M10-A-Z	101	M 10	25	26	30	1.5	25.3	4	4.8	15	250

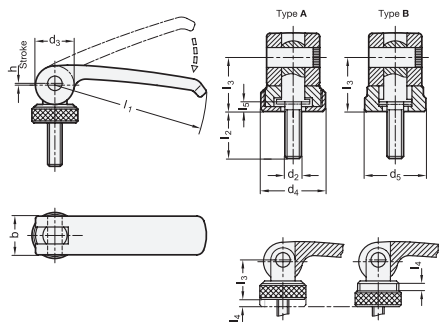
GN 927.2-B-With internal thread, steel contact plate without setting nut

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 927.2-44-M4-B-Z	44	M 4	12	12	14	0.5	13.2	2.2	8	28
GN 927.2-44-M5-B-Z	44	M 5	12	12	14	0.5	13.2	2.2	8	28
GN 927.2-63-M5-B-Z	63	M 5	16	16	18.5	0.75	16.3	3	10	64
GN 927.2-63-M6-B-Z	63	M 6	16	16	18.5	0.75	16.3	3	10	64
GN 927.2-82-M6-B-Z	82	M 6	20	20	22.5	1	19.5	3.7	12	124
GN 927.2-82-M8-B-Z	82	M 8	20	20	22.5	1	19.5	3.7	12	122
GN 927.2-101-M8-B-Z	101	M 8	25	26	27	1.5	25.3	4.8	15	238
GN 927.2-101-M10-B-Z	101	M 10	25	26	27	1.5	25.3	4.8	15	236



GN 927.2-A-With threaded stud, steel contact plate with setting nut

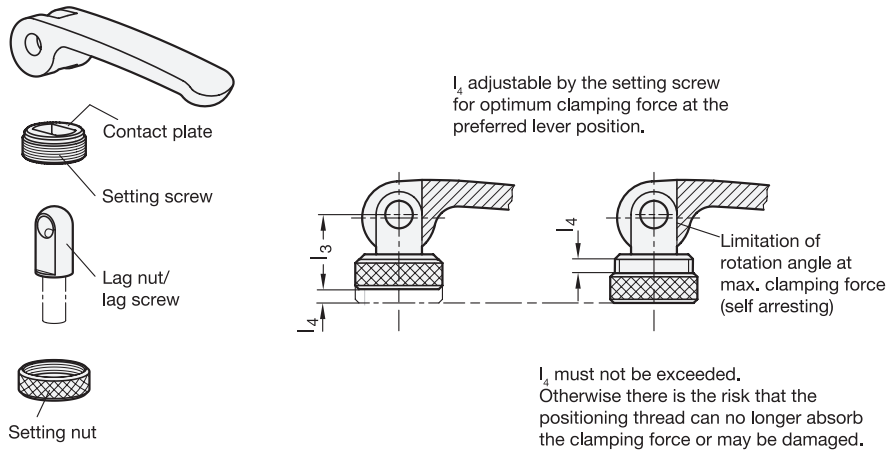
Description	l1	d2	l2 In clamping position	b	d3	d4	h Stroke at 90° lever movement	l3 In clamping position	l4 Adjustable range	l5 In clamping position	
GN 927.2-44-M4-12-A-Z	44	M 4	12	12	12	15	0.5	13.2	2	2.2	32
GN 927.2-44-M4-16-A-Z	44	M 4	16	12	12	15	0.5	13.2	2	2.2	32
GN 927.2-44-M4-20-A-Z	44	M 4	20	12	12	15	0.5	13.2	2	2.2	32
GN 927.2-44-M4-25-A-Z	44	M 4	25	12	12	15	0.5	13.2	2	2.2	32
GN 927.2-44-M4-30-A-Z	44	M 4	30	12	12	15	0.5	13.2	2	2.2	32
GN 927.2-44-M5-12-A-Z	44	M 5	12	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-16-A-Z	44	M 5	16	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-20-A-Z	44	M 5	20	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-25-A-Z	44	M 5	25	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-30-A-Z	44	M 5	30	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-35-A-Z	44	M 5	35	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-44-M5-40-A-Z	44	M 5	40	12	12	15	0.5	13.2	2	2.2	33
GN 927.2-63-M5-16-A-Z	63	M 5	16	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-20-A-Z	63	M 5	20	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-25-A-Z	63	M 5	25	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-30-A-Z	63	M 5	30	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-35-A-Z	63	M 5	35	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-40-A-Z	63	M 5	40	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M5-50-A-Z	63	M 5	50	16	16	19	0.75	16.3	2.5	3	70
GN 927.2-63-M6-16-A-Z	63	M 6	16	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-20-A-Z	63	M 6	20	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-25-A-Z	63	M 6	25	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-30-A-Z	63	M 6	30	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-35-A-Z	63	M 6	35	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-40-A-Z	63	M 6	40	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-63-M6-50-A-Z	63	M 6	50	16	16	19	0.75	16.3	2.5	3	72
GN 927.2-82-M6-20-A-Z	82	M 6	20	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-25-A-Z	82	M 6	25	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-30-A-Z	82	M 6	30	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-35-A-Z	82	M 6	35	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-40-A-Z	82	M 6	40	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-50-A-Z	82	M 6	50	20	20	25	1	19.5	3	3.7	137
GN 927.2-82-M6-60-A-Z	82	M 6	60	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-20-A-Z	82	M 8	20	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-25-A-Z	82	M 8	25	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-30-A-Z	82	M 8	30	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-35-A-Z	82	M 8	35	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-40-A-Z	82	M 8	40	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-50-A-Z	82	M 8	50	20	20	25	1	19.5	3	3.7	142
GN 927.2-82-M8-60-A-Z	82	M 8	60	20	20	25	1	19.5	3	3.7	142
GN 927.2-101-M8-20-A-Z	101	M 8	20	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-25-A-Z	101	M 8	25	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-30-A-Z	101	M 8	30	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-35-A-Z	101	M 8	35	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-40-A-Z	101	M 8	40	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-50-A-Z	101	M 8	50	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M8-60-A-Z	101	M 8	60	25	26	30	1.5	25.3	4	4.8	266
GN 927.2-101-M10-20-A-Z	101	M 10	20	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-25-A-Z	101	M 10	25	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-30-A-Z	101	M 10	30	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-35-A-Z	101	M 10	35	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-40-A-Z	101	M 10	40	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-50-A-Z	101	M 10	50	25	26	30	1.5	25.3	4	4.8	270
GN 927.2-101-M10-60-A-Z	101	M 10	60	25	26	30	1.5	25.3	4	4.8	280



GN 927.2-B-With threaded stud, steel 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	l4 Adjustable range	l5 In clamping position	
GN 927.2-44-M4-12-B-Z	44	M 4	12	12	12	14	0.5	13.2	2	2.2	30
GN 927.2-44-M4-16-B-Z	44	M 4	16	12	12	14	0.5	13.2	2	2.2	30
GN 927.2-44-M4-20-B-Z	44	M 4	20	12	12	14	0.5	13.2	2	2.2	30
GN 927.2-44-M4-25-B-Z	44	M 4	25	12	12	14	0.5	13.2	2	2.2	30
GN 927.2-44-M4-30-B-Z	44	M 4	30	12	12	14	0.5	13.2	2	2.2	30
GN 927.2-44-M5-12-B-Z	44	M 5	12	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-16-B-Z	44	M 5	16	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-20-B-Z	44	M 5	20	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-25-B-Z	44	M 5	25	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-30-B-Z	44	M 5	30	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-35-B-Z	44	M 5	35	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-44-M5-40-B-Z	44	M 5	40	12	12	14	0.5	13.2	2	2.2	31
GN 927.2-63-M5-16-B-Z	63	M 5	16	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-20-B-Z	63	M 5	20	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-25-B-Z	63	M 5	25	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-30-B-Z	63	M 5	30	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-35-B-Z	63	M 5	35	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-40-B-Z	63	M 5	40	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M5-50-B-Z	63	M 5	50	16	16	18.5	0.75	16.3	2.5	3	68
GN 927.2-63-M6-16-B-Z	63	M 6	16	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-20-B-Z	63	M 6	20	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-25-B-Z	63	M 6	25	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-30-B-Z	63	M 6	30	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-35-B-Z	63	M 6	35	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-40-B-Z	63	M 6	40	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-63-M6-50-B-Z	63	M 6	50	16	16	18.5	0.75	16.3	2.5	3	70
GN 927.2-82-M6-20-B-Z	82	M 6	20	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-25-B-Z	82	M 6	25	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-30-B-Z	82	M 6	30	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-35-B-Z	82	M 6	35	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-40-B-Z	82	M 6	40	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-50-B-Z	82	M 6	50	20	20	22.5	1	19.5	3	3.7	130
GN 927.2-82-M6-60-B-Z	82	M 6	60	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-20-B-Z	82	M 8	20	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-25-B-Z	82	M 8	25	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-30-B-Z	82	M 8	30	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-35-B-Z	82	M 8	35	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-40-B-Z	82	M 8	40	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-50-B-Z	82	M 8	50	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-82-M8-60-B-Z	82	M 8	60	20	20	22.5	1	19.5	3	3.7	135
GN 927.2-101-M8-20-B-Z	101	M 8	20	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-25-B-Z	101	M 8	25	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-30-B-Z	101	M 8	30	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-35-B-Z	101	M 8	35	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-40-B-Z	101	M 8	40	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-50-B-Z	101	M 8	50	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M8-60-B-Z	101	M 8	60	25	26	27	1.5	25.3	4	4.8	251
GN 927.2-101-M10-20-B-Z	101	M 10	20	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-25-B-Z	101	M 10	25	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-30-B-Z	101	M 10	30	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-35-B-Z	101	M 10	35	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-40-B-Z	101	M 10	40	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-50-B-Z	101	M 10	50	25	26	27	1.5	25.3	4	4.8	255
GN 927.2-101-M10-60-B-Z	101	M 10	60	25	26	27	1.5	25.3	4	4.8	265

Constructional features (Type A)



Application examples

