



4 Type

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

Specification

- **GN 927**
 - Lever body
 - Zinc die-cast
 - Powder coated (abrasion-proof epoxy resin)
 - Black, RAL 9005 ● **B**
 - Orange, RAL 2004 ● **O**
 - Red, RAL 3000 ● **R**
 - Silver, RAL 9006 ● **S**
- **GN 927.3**
 - Lever body
 - Steel, zinc plated, blue passivated finish
- **Type A**
 - Assembly pin, lag nut / screw, setting nut / screw
 - Steel, zinc plated, blue passivated finish
 - Contact plate
 - Plastic
 - Technopolymer (Polyacetal POM)
 - Glass fiber reinforced
- **Type B**
 - Assembly pin, lag nut / screw
 - Steel, zinc plated, blue passivated finish
 - Contact plate
 - Plastic
 - Technopolymer (Polyamide PA)
 - Glass fiber reinforced
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

Information

GN 927 / GN 927.3 clamping levers with eccentric cam are used for rapid clamping and releasing operations. In contrast to a clamping operation utilizing threads, these levers permit torque-free clamping via a combined downward vertical and cam actuated motion.

The lever has been designed to ensure that its movement cannot exceed the maximum clamping position.

There are no loose components since all are assembled and mounted in their correct order.

Advantages of the type A:

The distance between the eccentric cam and the contact surface is adjustable by means of a fine threaded knurled nut. This permits the maximum clamping force to be set by a simple adjustment. In addition this also permits the selection of a preferred lever position in relation to the clamping lever pin.

see also...

- *Clamping and Manual Forces* → page XYZ

How to order (Inch, zinc die-cast lever)	
1	Lever length l_1
2	Thread d_2
3	Thread length l_2
4	Type
5	Color
1 2 3 4 5 GN927-82-5/16X18-40-A-B	

How to order (Metric, steel lever)	
1	Lever length l_1
2	Thread d_2
4	Type
1 2 3 GN927.3-101-M8-B	

Inch table

Dimensions in: inches - millimeters

1 l ₁	2 d ₁ Thread	2 d ₂ Thread	3 l ₂ In clamping position								b	d ₃	d ₄	d ₅	h Stroke at 90° lever movement	l ₃ In clamping position	l ₄ Adjustable range	l ₅ In clamping position	t Usable thread length
			0.47 12	0.63 16	0.79 20	0.98 25	1.18 30	-	-	0.47 12									
1.73 44	8 x 32	8 x 32	0.47 12	0.63 16	0.79 20	0.98 25	1.18 30	-	-	0.47 12	0.47 12	0.59 15	0.55 14	0.02 0.5	0.52 13.2	0.08 2	0.09 2.2	0.31 8	
1.73 44	10 x 32	10 x 32	0.47 12	0.63 16	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	0.47 12	0.47 12	0.59 15	0.55 14	0.02 0.5	0.52 13.2	0.08 2	0.09 2.2	0.31 8	
2.48 63	10 x 32	10 x 32	0.63 16	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	0.63 16	0.63 16	0.75 19	0.73 18.5	0.03 0.75	0.64 16.3	0.10 2.5	0.12 3	0.39 10	
2.48 63	1/4 x 20	1/4 x 20	0.63 16	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	0.63 16	0.63 16	0.75 19	0.73 18.5	0.03 0.75	0.64 16.3	0.10 2.5	0.12 3	0.39 10	
3.23 82	1/4 x 20	1/4 x 20	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	2.36 60	0.79 20	0.79 20	0.98 25	0.89 22.5	0.04 1	0.77 19.5	0.12 3	0.15 3.7	0.47 12	
3.23 82	5/16 x 18	5/16 x 18	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	2.36 60	0.79 20	0.79 20	0.98 25	0.89 22.5	0.04 1	0.77 19.5	0.12 3	0.15 3.7	0.47 12	
3.98 101	5/16 x 18	5/16 x 18	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	2.36 60	0.98 25	1.02 26	1.18 30	1.06 27	0.06 1.5	1.00 25.3	0.16 4	0.19 4.8	0.59 15	
3.98 101	3/8 x 16	3/8 x 16	0.79 20	0.98 25	1.18 30	1.38 35	1.57 40	1.97 50	2.36 60	0.98 25	1.02 26	1.18 30	1.06 27	0.06 1.5	1.00 25.3	0.16 4	0.19 4.8	0.59 15	

Metric table

Dimensions in: millimeters - inches

1 l ₁	2 d ₁ Thread	2 d ₂ Thread	3 l ₂ In clamping position								b	d ₃	d ₄	d ₅	h Stroke at 90° lever movement	l ₃ In clamping position	l ₄ Adjustable range	l ₅ In clamping position	t Usable thread length
			12 0.47	16 0.63	20 0.79	25 0.98	30 1.18	-	-	12 0.47									
44 1.73	M 4	M 4	12 0.47	16 0.63	20 0.79	25 0.98	30 1.18	-	-	12 0.47	12 0.47	15 0.59	14 0.55	0.5 0.02	13.2 0.52	2 0.08	2.2 0.09	8 0.31	
44 1.73	M 5	M 5	12 0.47	16 0.63	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	12 0.47	12 0.47	15 0.59	14 0.55	0.5 0.02	13.2 0.52	2 0.08	2.2 0.09	8 0.31	
63 2.48	M 5	M 5	16 0.63	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	16 0.63	16 0.63	19 0.75	18.5 0.73	0.75 0.03	16.3 0.64	2.5 0.10	3 0.12	10 0.39	
63 2.48	M 6	M 6	16 0.63	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	16 0.63	16 0.63	19 0.75	18.5 0.73	0.75 0.03	16.3 0.64	2.5 0.10	3 0.12	10 0.39	
82 3.23	M 6	M 6	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	60 2.36	20 0.79	20 0.79	25 0.98	22.5 0.89	1 0.04	19.5 0.77	3 0.12	3.7 0.15	12 0.47	
82 3.23	M 8	M 8	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	60 2.36	20 0.79	20 0.79	25 0.98	22.5 0.89	1 0.04	19.5 0.77	3 0.12	3.7 0.15	12 0.47	
101 3.98	M 8	M 8	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	60 2.36	25 0.98	26 1.02	30 1.18	27 1.06	1.5 0.06	25.3 1.00	4 0.16	4.8 0.19	15 0.59	
101 3.98	M 10	M 10	20 0.79	25 0.98	30 1.18	35 1.38	40 1.57	50 1.97	60 2.36	25 0.98	26 1.02	30 1.18	27 1.06	1.5 0.06	25.3 1.00	4 0.16	4.8 0.19	15 0.59	

Constructional features (Type A)

