



**SS** Stainless Steel

**4 Type**

- A** Stainless steel contact plate with setting nut
- B** Stainless steel contact plate without setting nut

**Specification**

- Lever body  
Stainless steel precision casting AISI CF-8
- Type A  
Assembly pin, lag nut / screw, setting nut / screw  
Stainless steel AISI 303
- Type B  
Assembly pin, lag nut / screw  
Stainless steel AISI 303
- Contact plate  
Stainless steel AISI 431  
Hardened
- *Clamping and Manual Forces* → page XYZ
- *Constructional Features* → page XYZ
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

**On request**

- Clamping surface free of grease

**Information**

GN 927.7 clamping levers with eccentric cam are used for rapid clamping and releasing operations. In contrast to a clamping operation utilizing only threads and a lateral force, these levers permit torque-free clamping via a combined downward vertical and cam actuated motion.

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

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

To achieve maximum clamping forces, the clamping surface is lightly greased and should be relubricated as required.

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.

How to order (Threaded stud type)	1 Lever length $l_1$
<b>GN927.7-82-5/16X18-25-A</b>	2 Thread $d_2$
	3 Thread length $l_2$
	4 Type
How to order (Tapped type)	1 Lever length $l_1$
<b>GN927.7-63-M5-B</b>	2 Thread $d_1$
	4 Type

**Inch table**

Dimensions in: inches - millimeters

1 I <sub>1</sub>	2 d <sub>1</sub>	2 d <sub>2</sub>	3 I <sub>2</sub> In clamping position								b	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	h Stroke at 90° lever movement	I <sub>3</sub> In clamping position	I <sub>4</sub> Adjust- able range	I <sub>5</sub> In clamping position	t Usable thread length
			0.47	0.63	0.79	0.98	1.18	-	-	0.47									
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	0.79 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	0.79 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	0.98 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	0.98 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	0.98 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 I <sub>1</sub>	2 d <sub>1</sub>	2 d <sub>2</sub>	3 I <sub>2</sub> In clamping position								b	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	h Stroke at 90° lever movement	I <sub>3</sub> In clamping position	I <sub>4</sub> Adjustable range	I <sub>5</sub> In clamping position	t Usable thread length
			12	16	20	25	30	-	-	12									
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	

 1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4
