

SS Stainless Steel

4 Type

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

Specification

- **GN 927.4**
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 927.5**
Lever body
Stainless steel precision casting AISI CF-8

- Type A
 - Assembly pin, lag nut / screw, setting nut / screw
Stainless steel AISI 303
 - Contact plate
Plastic
Technopolymer (Polyacetal POM)
Glass fiber reinforced

- Type B
 - Assembly pin, lag nut / screw
Stainless steel AISI 303
 - Contact plate
Plastic
Technopolymer (Polyamide PA)
Glass fiber reinforced

- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

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Information

GN 927.4 / GN 927.5 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.

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.

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
 GN927.4-63-10X32-20-A-R	

How to order (Metric, stainless steel lever)	1 Lever length l_1
	2 Thread d_1
	4 Type
 GN927.5-101-M8-B	

Inch table

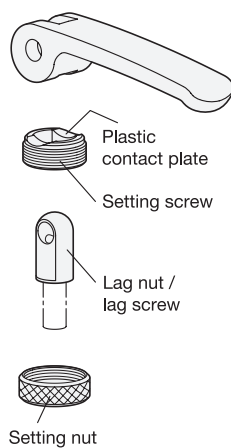
Dimensions in: inches - *millimeters*

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

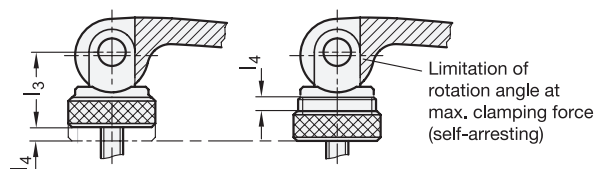
Metric table

Dimensions in: millimeters - *inches*

1 I ₁	2 d ₁ Thread	2 d ₂ Thread	3 I ₂ In clamping position							b	d ₃	d ₄	d ₅	h Stroke at 90° lever movement	I ₃ In clamping position	I ₄ Adjust- able range	I ₅ In clamping position	t Useable thread length
			12 0.47	16 0.63	20 0.79	25 0.98	30 1.18	-	-									
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	0.03 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	0.03 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)


I₂ adjustable by the setting screw for optimum clamping force at the preferred lever position.



I₁ must not be exceeded. Otherwise there is the risk that the positioning thread can no longer absorb the clamping force or may be damaged.

 1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4
