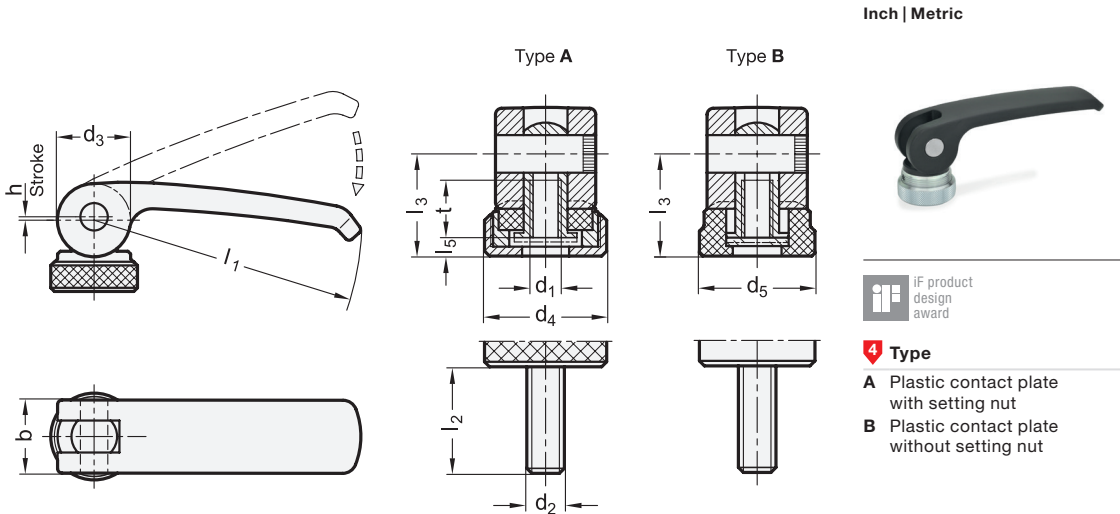




Specification

GN 927

Lever body

- Zinc die-cast
- Powder coated
- (Abrasion proof epoxy resin)
- Black, RAL 9005
- Orange, RAL 2004
- Red, RAL 3000
- Silver, RAL 9006

- **B**
- **O**
- **R**
- **S**

GN 927.3

Lever body

- Steel precision casting
- Zinc plated, blue passivated finish

Axis

- Stainless steel AISI 303
- Chemically nickel plated

Lag nut / Lag screw / Setting nut

- Steel, zinc plated, blue passivated finish

Contact plate

- Plastic, glass fiber reinforced
- Polyacetal (POM) for type A
- Polyamide (PA) for type B

RoHS

Clamping levers with eccentric cam GN 927 / GN 927.3 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 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.

Technical Information	Page
Clamping and Manual Forces	QVX
Constructional Features (Type A) / Application Examples	QVX
Plastic Characteristics	QVX

How to order (Inch, zinc die-cast lever, threaded stud)		1 Lever length l_1
1	2	2 Thread d_2
3	4	3 Thread length l_2
5		4 Type
		5 Color

How to order (Metric, steel lever, tapped type)		1 Lever length l_1
1	2	2 Thread d_1
4		4 Type

Inch table

1	2	2	3	Dimensions in: inches / millimeters																	
l ₁	d ₁	d ₂	l ₂							b	d ₃	d ₄	d ₅	h	l ₃	l ₄	l ₅	t			
			In clamping position											Stroke at 90° lever movement	In clamping position	Adjustable range	In clamping position	Usable thread length			
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			

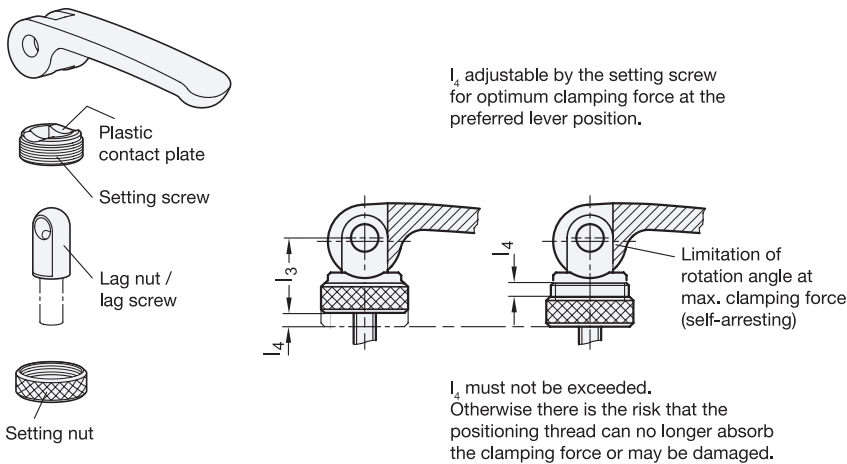
Metric table

1	2	2	3	Dimensions in: millimeters / inches																	
l ₁	d ₁	d ₂	l ₂ In clamping position							b	d ₃	d ₄	d ₅	h	l ₃	l ₄	l ₅	t			
														Stroke at 90° lever movement	In clamping position	Adjustable range	In clamping position	Usable thread length			
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		

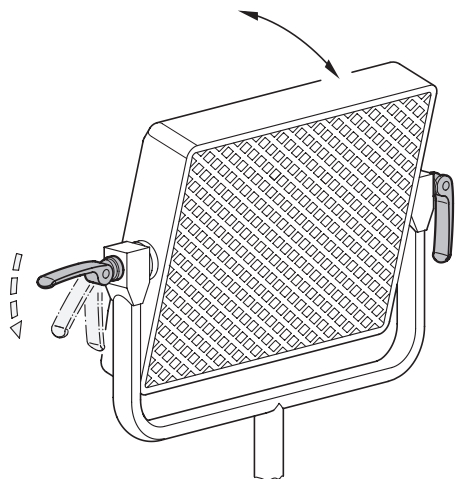
Clamping Levers with Eccentric Cam

Constructional Features (Type A) / Application Examples

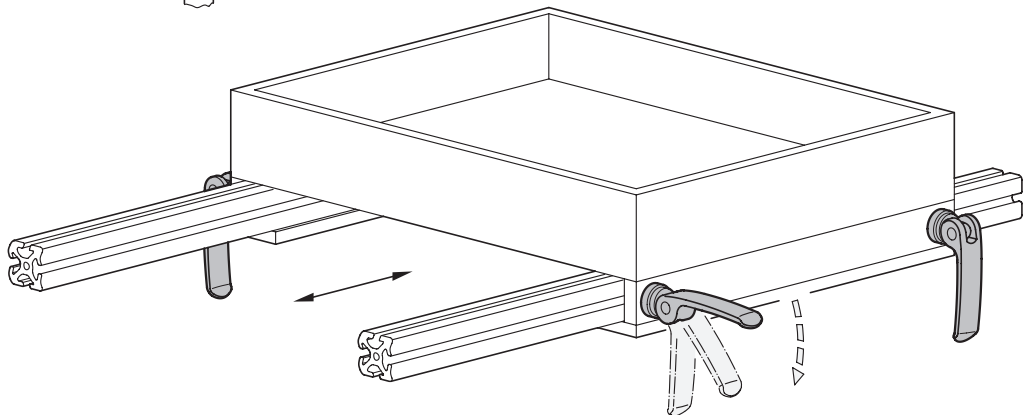
Constructional Features (Type A)



Application Examples



Lighting tripod, camera tripod or speaker tripod etc. with tilt adjustment



Shelf tray or storage tray etc. with linear adjustment