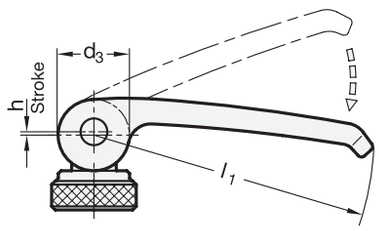
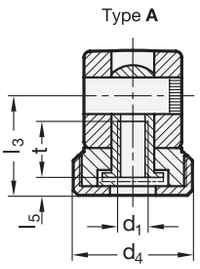
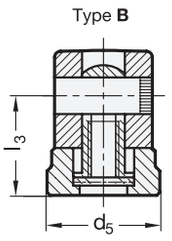
GN 927.2 | Clamping Levers with Eccentrical Cam

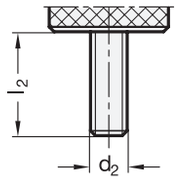
Steel, Zinc Plated, with Steel Components

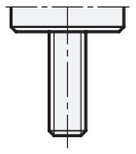
JW WINCO® A Ganter Company











Metric

4 Type

A Steel contact plate with setting nut

B Steel contact plate without setting nut

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
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*

Specification

5

- Lever body
  Steel (precision casting)
  Zinc plated, blue passivated finish **Z**
- Assembly pin, lag nut / screw, setting nut / screw (only Type A)
  Steel
  Zinc plated, blue passivated finish
- Contact plate
  Steel
  - Zinc flake coated
  - Case-hardened
- *Constructional Features → page XYZ*
- *Clamping and Manual Forces → page XYZ*
- RoHS compliant

On request

- Clamping surface free of grease
- Other finishes

Information

Clamping levers with eccentrical cam GN 927.2 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.

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 eccentrical 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 (Tapped type)

1 2 4 5
GN 927.2-101-M8-B-Z

1	Lever length l_1
2	Thread d_1
4	Type
5	Finish

How to order (Threaded stud type)

1 2 3 4 5
GN 927.2-44-M5-30-A-Z

1	Lever length l_1
2	Thread d_2
3	Thread length l_2
4	Type
5	Finish