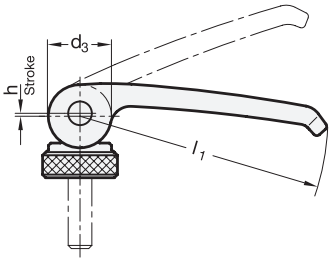
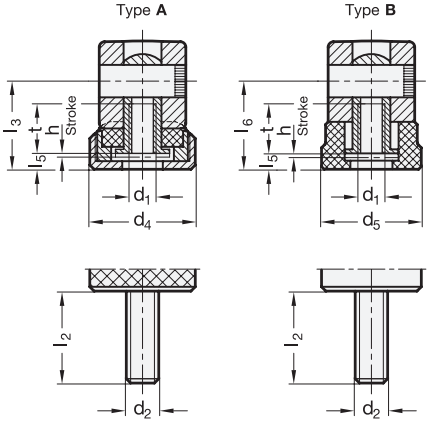
Clamping levers with eccentrical cam

with plastic contact plate





Rostfrei Inox Stainless Steel

Inch Inch sizes available

4 Type

A with adjustable plastic contact plate

B with fixed plastic contact plate

1 l_1	2 d_1	2 d_2	3 l_2 in clamping position							b	d_3	d_4	d_5	h Stroke at 90° lever movement	l_3 in clamping position min.	l_3 max.	l_4 Adjustable range	l_5 in clamping position	l_6 in clamping position	t useable thread length
63	M 5	M 5	16	20	25	30	35	40	50	16	16	19	18,5	0,75	16,3	18,8	2,5	3	16,3	10
63	M 6	M 6	16	20	25	30	35	40	50	16	16	19	18,5	0,75	16,3	18,8	2,5	3	16,3	10
82	M 6	M 6	20	25	30	35	40	50	60	20	20	25	22,5	1	19,5	22,5	3	3,7	19,5	12
82	M 8	M 8	20	25	30	35	40	50	60	20	20	25	22,5	1	19,5	22,5	3	3,7	19,5	12
101	M 8	M 8	20	25	30	35	40	50	60	25	26	30	27	1,5	25,3	29,3	4	4,8	25,3	15
101	M 10	M 10	20	25	30	35	40	50	60	25	26	30	27	1,5	25,3	29,3	4	4,8	25,3	15

Specification

- **GN 927.4**
  Lever
  - Zink-Druckguss
  - plastic 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
  Stainless Steel AISI CF-8
  (precision casting)

This information applies to both standards:

- Axis, lag nut / screw
  setting nut / screw
  Stainless Steel AISI 303
- Contact plates
  Plastic, glass fibre reinforced
  - Type A: Polyacetal (POM)
  - Type B: Polyamide (PA)
- *Plastic characteristics → Page 1141*
- *Stainless Steel characteristics → Page 1144*
- RoHS compliant

Information

Clamping levers with eccentrical cam GN 927.4 / GN 927.5 are used for rapid clamping and releasing. Hereby, contrary to a clamping operation via a thread, these levers permit a **torque-free** clamping.

The lever has been designed to ensure that its movement cannot exceed the max. clamping force.

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

Type A has the following benefits:

The distance between the lever cam and the clamping surface is adjustable via a fine pitch thread, allowing the clamping position to be set easily with maximum clamping force. Also, the position of the lever relative to the clamping axis can be determined.

With these clamping levers with eccentrical cam GN 927.4 / GN 927.5, clamping forces of up to 8 kN can be reached.

Clamping levers with eccentrical cam, with internal thread

1 2 4 5

GN 927.4-63-M6-A-R

1	l_1
2	d_2
3	l_2
4	Type
5	Colour

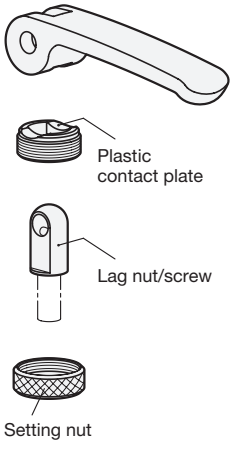
Clamping levers with eccentrical cam, with screw

1 2 3 4

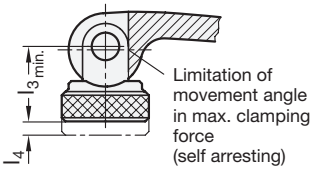
GN 927.5-82-M8-25-A

1	l_1
2	d_2
3	l_2
4	Type

Constructional features (Type A) / Application example



l_3 adjustable by the setting nut for optimum clamping force at the convenient lever position.



l_3 max. must not be exceeded, i.e. the red dot must not be visible.

Otherwise there is the risk that the positioning thread can no longer absorb the clamping force or may be damaged.