GN 927.7 clamping levers with eccentrical 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.

With these clamping levers, thrust forces of up to 1,800 lbf (8 kN) can be obtained.

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.

### Specification

- **Lever body**
  Stainless steel precision casting
  European Standard No. 1.4308 (AISI CF-8)
- **Type A**
  Assembly pin, lag nut / screw,
  setting nut / screw
  Stainless steel
  European Standard No. 1.4305 (AISI 303)
- **Type B**
  Assembly pin, lag nut / screw
  Stainless steel
  European Standard No. 1.4305 (AISI 303)
- **Contact plate**
  Stainless steel, hardened
  European Standard No. 1.4057 (AISI 431)
- **RoHS compliant**

### Information

On request

- Clamping surface free of grease

### How to order (Threaded stud type)

GN927.7-82-5/16X18-25-A

1. Lever length \( l_1 \)
2. Thread \( d_2 \)
3. Thread length \( l_2 \)
4. Type

### How to order (Tapped type)

GN927.7-63-M5-B

1. Lever length \( l_1 \)
2. Thread \( d_1 \)
3. Type
### Inch table

<table>
<thead>
<tr>
<th>l₁</th>
<th>d₁ Thread</th>
<th>d₂ Thread</th>
<th>l₂ In clamping position</th>
<th>b</th>
<th>d₃</th>
<th>d₄</th>
<th>d₅</th>
<th>h Stroke at 90° lever movement</th>
<th>l₆ In clamping position</th>
<th>l₇ Adjustable range</th>
<th>l₈ In clamping position</th>
<th>t Usable thread length</th>
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<td>10 x 32</td>
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<td>0.63 16</td>
<td>0.75 19</td>
<td>0.73 16</td>
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### Metric table

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<th>b</th>
<th>d₃</th>
<th>d₄</th>
<th>d₅</th>
<th>h Stroke at 90° lever movement</th>
<th>l₆ In clamping position</th>
<th>l₇ Adjustable range</th>
<th>l₈ In clamping position</th>
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<td>0.08 2</td>
<td>1.5 2</td>
<td>0.52 8</td>
<td></td>
</tr>
</tbody>
</table>

### Constructional features (Type A)

- **l₅**: Adjustable by the setting screw for optimum clamping force at the preferred lever position.
- **l₆**: Must not be exceeded. Otherwise, there is a risk that the positioning thread can no longer absorb the clamping force or may be damaged.