2.3 Eccentrical cams, Clamping bolts, Clamping units

Clamping levers with eccentrical cam GN 926 / GN 926.1 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.

With these clamping levers with eccentrical cam GN 926 / GN 926.1, clamping forces of up to 4 kN (l₁ = 63) bzw. 7 kN (l₁ = 79) can be reached.

Type A has the following benefits:

- The distance between the lever cams and the clamping surface is adjustable via a planar curve, 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.

---

### Specification

- **Lever**
  - Plastic (Polyamide PA)
    - glass fiber reinforced
    - temperature resistant up to 80 °C
    - black, matte

- **Connector**
  - Plastic (Polyacetal POM)

- **Contact plate / Set collar**
  - Plastic (Polyamide PA)
    - black, matte

- **GN 926**
  - Axis with threaded bushing / screw
    - Steel
    - zinc plated, blue passivated

- **GN 926.1**
  - Axis with threaded bushing / screw
    - Stainless Steel

- Plastic characteristics → Page 1144
- RoHS compliant

---

### Information

Clamping levers with eccentrical cam GN 926 / GN 926.1 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.

With these clamping levers with eccentrical cam GN 926 / GN 926.1, clamping forces of up to 4 kN (l₁ = 63) bzw. 7 kN (l₁ = 79) can be reached.

Type A has the following benefits:

- The distance between the lever cams and the clamping surface is adjustable via a planar curve, 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.

---

### How to order (Bushing steel)

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>l₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₃</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₄</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₃</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₄</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GN 926-79-M8-A**

---

### How to order (Screw Stainless Steel)

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>l₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₃</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₄</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₅</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>t</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GN 926.1-79-M8-50-B**

---

### Table

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>l₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₁</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>l₂</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

- [ELESA original design LAC / LAC-R](#)
- [Type](#)
  - A with adjustable contact plate
  - B with fixed contact plate

---

- **Plastic characteristics → Page 1144**
- RoHS compliant

---

**How to order (Bushing steel)**

**GN 926-79-M8-A**

---

**How to order (Screw Stainless Steel)**

**GN 926.1-79-M8-50-B**

---

- [ELESA original design LAC / LAC-R](#)
- [Type](#)
  - A with adjustable contact plate
  - B with fixed contact plate

---

**Plastic characteristics → Page 1144**
- RoHS compliant
Constructional features (Type A) / Application example

- Axis with thread
- Connector
- Connector plate with planar curve
- Set collar with planar curve

1. Adjustable by the set collar for optimum clamping force and convenient lever position.

Limitation of rotation angle at max. clamping force (self arresting)

Application example