EN 926
Steel Insert / Stud

EN 926.1
Stainless Steel Insert / Stud

Clamping Levers with Eccentric Cam
Technopolymer Plastic

EN 926 / EN 926.1 clamping levers with eccentric cam are used for rapid clamping and releasing operations. In contrast to a clamping operation utilizing threads, these levers permit torque-free clamping.

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 899 lbf = 4 kN (l₁ = 2.48) and 1574 lbf = 7kN (l₁ = 3.11) can be obtained.

Advantages of the Type A:
The distance between the eccentric cam and the contact surface is adjustable by means of a planar curve. 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.

Information

How to order (Steel insert / stud)
EN926-79-M8-50-B

1. Lever length l₁
2. Thread d₂
3. Thread length l₂
4. Type

How to order (Stainless steel insert / stud)
EN926.1-79-M8-A

1. Lever length l₁
2. Thread d₁
3. Type

Metric table

<table>
<thead>
<tr>
<th>I₁</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>h Stroke at 90° lever movement</th>
<th>l₃ In clamping position</th>
<th>l₄ Adjustable range</th>
<th>l₅ In clamping position</th>
<th>t Useable thread length</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>M 6</td>
<td>M 6</td>
<td>25</td>
<td>.98</td>
<td>50</td>
<td>1.97</td>
<td>18</td>
<td>.71</td>
<td>21</td>
<td>.83</td>
<td>18</td>
</tr>
<tr>
<td>79</td>
<td>M 8</td>
<td>M 8</td>
<td>25</td>
<td>.98</td>
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Dimensions in: millimeters - inches

Specifi cation

- Lever body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 176 °F (80 °C)
  - Black, matte fi nish

- Connector
  Plastic (Polyacetal POM)

- Contact plate / set collar
  Plastic
  Technopolymer (Polyamide PA-HP)
  Black, matte fi nish

- EN 926
  Assembly pin with tapped insert / threaded stud
  Steel, zinc plated, blue passivated fi nish

- EN 926.1
  Assembly pin with tapped insert / threaded stud
  Stainless steel

- RoHS compliant
Constructional features (Type A) / Application example

- Assembly pin
- Connector
- Connector plate with planar curve
- Set collar with planar curve

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

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

Application example