This representation of EN 12275 and UIAA 121 does not contain the full details of the test methods and requirements in these standards; it gives only a simplified pictorial presentation. For full details, EN 12275 and UIAA 121 should be consulted. © Copyright. This material may not be copied for commercial use.

The general term "Connectors" is used to include all types of karabiners and also quicklinks ("Maillon rapide").

**Type B (Basic)**
Connector for normal use

**Type D (directional)**
Connector for Quickdraws

**Type X (oval shape)**
Connector for Aid climbing

**Type H (HMS)**
Connector for belaying

**Type K (Klettersteig)**
Connector for "Via ferrata", "Klettersteig"
Type K Connectors shall have an automatic locking device

**Gate opening**

<table>
<thead>
<tr>
<th>Type</th>
<th>Min. Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type K</td>
<td>21 mm</td>
</tr>
<tr>
<td>All other types</td>
<td>15 mm</td>
</tr>
</tbody>
</table>

**Gate opening force**
(for all types)

Min. 5 N

10 mm
**Strength in main direction**

- type K, Q: 25 kN
- type X: 18 kN
- all other types: 20 kN

**Strength in transverse direction**

- type Q: 10 kN
- type B, H, K, X: 7 kN
- typ D: --

**Gate-open strength**

<table>
<thead>
<tr>
<th>Type</th>
<th>Strength (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>type B, D</td>
<td>7 kN</td>
</tr>
<tr>
<td>type H</td>
<td>6 kN</td>
</tr>
<tr>
<td>type X</td>
<td>5 kN</td>
</tr>
<tr>
<td>type K, Q</td>
<td>--</td>
</tr>
</tbody>
</table>

**Marking of strength (in kN)**

- xx in main direction
- yy in transverse direction
- zz gate-open

**Additional requirements of UIAA 121**

Only for type K (Klettersteig, "via ferrata")

- **Gate-open strength**
  - min. 8 kN

- **Strength over an edge**
  - 27 mm
  - Ø16 mm
  - min. 8 kN