iwis Anti-backbend chains transmit tensile and compressive force with optimum material and metallurgical specifications to provide performance and value unparalleled in the marketplace.

**Key features**
- Anti-backbend chains are flexible in only one direction
- Anti-backbend chains are used for pushing loads and transmitting forces over longer distances without the need for a guidance system
- Numerous reference projects of developed chain versions according to specific customer needs
- Various material specifications available

**Applications**
- Medical devices
- Transport systems
- Building services engineering
- Machine tools
- Ergonomic work stations & furniture

For more information, visit [www.iwis.com](http://www.iwis.com) or contact our Customer Service at +49 89 76909-1600.
Research and Development
In its own research and development facility, iwis has been developing anti-backbend chains for 15 years, continually incorporating its latest findings about the factors affecting chain geometry and assembly techniques on the chain’s technical characteristics. The chains are developed in close cooperation with users and can be fabricated at various production sites.

The manufacturer’s services include:
• wear analysis
• fatigue strength analysis
• fracture load analysis

Quality is ensured through in-house developed test methods and equipment.

<table>
<thead>
<tr>
<th>Ref. no. iwis</th>
<th>Pitch P</th>
<th>Roller diameter d1 max</th>
<th>Width between inner plates b1 min</th>
<th>Pin diameter d2 max</th>
<th>Pin length L max</th>
<th>Lc max</th>
<th>H max</th>
<th>h</th>
<th>t/T max</th>
<th>Q1 min</th>
<th>q</th>
<th>Weight per meter kg/m</th>
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<td>31,4</td>
<td>18,0</td>
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<td>norm 38,8 / iwis 42,0</td>
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<td>7,92</td>
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</tbody>
</table>

¹ The principal dimensions correspond to DIN 8188. Smallest chain wheel: 10 teeth
² Stainless steel

Various types of anti-backbend chains

→ www.iwis.com | sales@iwis.com | +49 89 76909-1600