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 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</th>
<th>Roller</th>
<th>Width between inner plates</th>
<th>Pin diameter</th>
<th>Pin length</th>
<th>Plate dimension</th>
<th>min. tensile strength</th>
<th>Weight per meter</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>P</td>
<td>d1 max</td>
<td>b1 min</td>
<td>d2 max</td>
<td>L max</td>
<td>Lc max</td>
<td>H max</td>
<td>h</td>
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<td>16,5</td>
<td>10,5</td>
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</tbody>
</table>

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