For really tight bends – iwis plate chains

**Task/challenge:** Ensuring the reliable, smooth conveying and storage of workpieces and workpiece carriers on narrow serpentine tracks.

**Our solution:** JWIS brand plate chains with special plates pressed directly onto the chain pins guarantee an **absolutely flat, step-free** transport track in the tightest of spaces.

**Highlights**
1. Wide variety of different plate shapes allows individualised conveyor system design
2. Various alternative plate materials available

**Applications**
- Conveyor technology
- Beverage industry
- Automotive industry
- General engineering
- Packaging and food industry
- Medical technology and pharmaceutical industry
- Machine-to-machine linking and automation
- Storage and buffer systems
- Tool transport
- Under-floor conveyors
The iwis plate chain program includes roller chains according to standard ISO 606 (DIN 8187), ISO 1275 (DIN 8181) as well as works standard.

- Guarantees an absolutely flat, step-free transport track
- Low noise emission
- Effective protection of functional areas of the chain
- Intermeshing design of plates provides a continuous flat surface for workpiece transport
- Special plate shape allows the construction of very tight bends
- Long conveying distances possible in very small spaces
- No risk of injury
- DIN sprockets may be used
- CAD data of all plate chain types available

If required, iwis will design **customer-specific solutions** for conveyor systems. Our design engineers will provide support with the **configuration, calculation and construction** of new conveyors.

Contact us for more details!

**Some examples of different plate chain versions**

M127/LR247 Vers. 1
M127/LR247 Vers. 2
M1611
LR4810
## Product range

<table>
<thead>
<tr>
<th>ISO</th>
<th>Iwis designation</th>
<th>P (mm)</th>
<th>s (mm)</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>R min. (mm)</th>
<th>Min. no. of teeth per sprocket</th>
<th>a (mm)</th>
<th>a1 (mm)</th>
<th>m (mm)</th>
<th>Basic chain</th>
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<td>M127 Vers. 1</td>
<td>19.05</td>
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<td>45</td>
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<td>23.3</td>
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<tr>
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<td>59.25</td>
<td>80</td>
<td>152</td>
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<tr>
<td>16 B-1</td>
<td>M1611</td>
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<td>3.5</td>
<td>69.5</td>
<td>80</td>
<td>90</td>
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<td>50</td>
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![Diagram](https://via.placeholder.com/150.png?text=M127+Vers.+1+%26+Vers.+2+%2F+M1611+(standard))

![Diagram](https://via.placeholder.com/150.png?text=LR247+Vers.+1+%26+Vers.+2+(cranked))

![Diagram](https://via.placeholder.com/150.png?text=LR4810+(standard))
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