Iwis power bend chains for synthetic belt bend applications offer the best solution for radial synthetic belt bend applications, with minimal radii. All chains are manufactured with iwis’ premium precision ANSI side-bow roller chains which have a unique tapered pin and chain link design.

Belts are driven by attaching the outer radius to the chain via a stud and O-ring. This system can also incorporate a bearing, thus further reducing friction in the system. All tension is transferred into the chain rather than the belt ensuring optimum product stability, transfer and pattern retention during conveyance.

Application areas:
Bakery, packaging and general conveying applications, where additional tensile capacity and operational durability is required.

Product program:
- Available in 3 sizes: ASA 40 / ASA 50 / ASA 60
- Available in carbon steel with bearings
- Available in nickel-plated finish with stainless steel bearings or studs for wash-down applications
Chain options

<table>
<thead>
<tr>
<th>Ref. no.</th>
<th>Pitch p (mm)</th>
<th>a (mm)</th>
<th>Outer width</th>
<th>Minimum radii</th>
<th>Breaking strength</th>
<th>Max. permissible chain pull power</th>
<th>Weight (kg/m)</th>
<th>Connecting links available</th>
</tr>
</thead>
<tbody>
<tr>
<td>L85 A-SB</td>
<td>12.7</td>
<td>16.8</td>
<td>17.8</td>
<td>425</td>
<td>10.000</td>
<td>1500</td>
<td>0.65</td>
<td>2, 4, 8</td>
</tr>
<tr>
<td>M106 A-SB</td>
<td>15.875</td>
<td>21.0</td>
<td>22.3</td>
<td>500</td>
<td>18.000</td>
<td>2500</td>
<td>1.00</td>
<td>2, 4, 8</td>
</tr>
<tr>
<td>M128 A-SB</td>
<td>19.05</td>
<td>26.3</td>
<td>27.7</td>
<td>750</td>
<td>26.000</td>
<td>3700</td>
<td>1.50</td>
<td>2, 4, 8</td>
</tr>
</tbody>
</table>

Our standard option for L85 ASB C/W 202.1 attachment every 6th pitch and bearing or belt loop stud in either carbon steel or nickel plate is available from stock. Other options are available upon request and can be tailored to suit your application.

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