iwis Spike chains for the thermoform industry

iwis Specialist Precision Conveyor Chains
Our conveyor chains are developed to suit customer specific requirements and applications. They can be manufactured using standard components or specially developed products. With this in mind we present our uniquely developed Thermoform chains which are used throughout the world, offering precision, quality and a distinctive longer lifetime of life in all thermoformed packaging applications.

Product highlights:
1. Specially designed guide roller and wear resistant head bolts offer precise film alignment.
2. SL (super longlife) heat-treated, easy break pins increase wearlife and precision of operation.
3. Uniquely designed and specially hardened spike profiles offer the best solution for handling your Thermoform material and optimises the lifetime of the chain.
4. Uniquely developed intermediate plate reduces lateral forces within the chain, thus reducing elongation and extending wear life.

iwis offers a wide variety of conveyor chains
iwis conveyor chains can be customized to meet the specific requirements of your application. iwis not only offers a wide range of special straight and bent attachment plates, we can also help customers develop their own special designs.

www.iwis.com
Spike roller chains

Available standard roller chains according to ISO:

<table>
<thead>
<tr>
<th>DIN ISO</th>
<th>Ref. no.</th>
<th>Pitch p (&quot;')</th>
<th>Pitch p (mm)</th>
<th>iwis (N) ave.</th>
<th>Norm (N) min.</th>
<th>Bearing area f (cm²)</th>
<th>Weight/m q (kg/m)</th>
<th>Breaking load F_b (N) ave.</th>
<th>Inner link a (mm) max.</th>
<th>Outer link a (mm) max.</th>
<th>Roller d (mm) max.</th>
<th>Pin d (mm) max.</th>
<th>Transverse pitch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 B-1</td>
<td>L 85 SL</td>
<td>1/2 x 5/16&quot;</td>
<td>12.70</td>
<td>22.000</td>
<td>17.800</td>
<td>0.50</td>
<td>0.70</td>
<td>7.75</td>
<td>11.30</td>
<td>11.80</td>
<td>16.90</td>
<td>18.50</td>
<td>8.51</td>
</tr>
<tr>
<td>08 B-2</td>
<td>D 85 SL</td>
<td>1/2&quot;</td>
<td>12.70</td>
<td>40.000</td>
<td>31.100</td>
<td>1.00</td>
<td>1.35</td>
<td>7.75</td>
<td>11.30</td>
<td>12.20</td>
<td>30.80</td>
<td>32.40</td>
<td>8.51</td>
</tr>
</tbody>
</table>

Examples of available special straight attachments plates:

Form 112.0

Form 112.06

Form 112.09

Form 112.10

Further product benefits:
- Special lubrications available
- Reduced length tolerances
- Special chain solutions on request (e.g. with or without guide roller)
- Also MEGAlife maintenance free, ANSI and side bow versions available