iwis precision chains from the SL Series (Super Longlife) enjoy an optimal service life because they combine extreme wear resistance, highly even running, unmatched precision and significantly higher breaking forces and fatigue strength than the relevant standard requires.

Super Longlife Technology was specially developed by iwis for the extreme loads found in timing drives and industrial applications. Added value for your application, offered exclusively by iwis.

iwis SL chains have the following special characteristics:

- All pins undergo surface treatment to optimise their wear resistance
- SL pins therefore have an extremely hard surface and require little maintenance
- SL roller chains are highly impact-resistant
- Highest wear resistance
- Longer service life
- Consistently reliable high breaking force and fatigue strength
- Dry running capabilities mean lower sensitivity to insufficient lubrication
- Less susceptible to corrosion and formation of fretting corrosion in link joints
- All iwis chains are subjected to optimum pre-stretching and treated with high-performance initial lubricant
Cross-section of an SL pin

1. Peripheral layer with very high surface hardness
2. Diffusion zone: a hard, load-bearing high-stability layer which, together with the peripheral layer, provides wear resistance.
3. Base material: ductile core of the pin.

Product range SL chains (standard)

<table>
<thead>
<tr>
<th>Duplex</th>
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<td>1/2 x 5/16&quot;</td>
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* Roller chain with “easy break” pins for trouble-free dismantling