



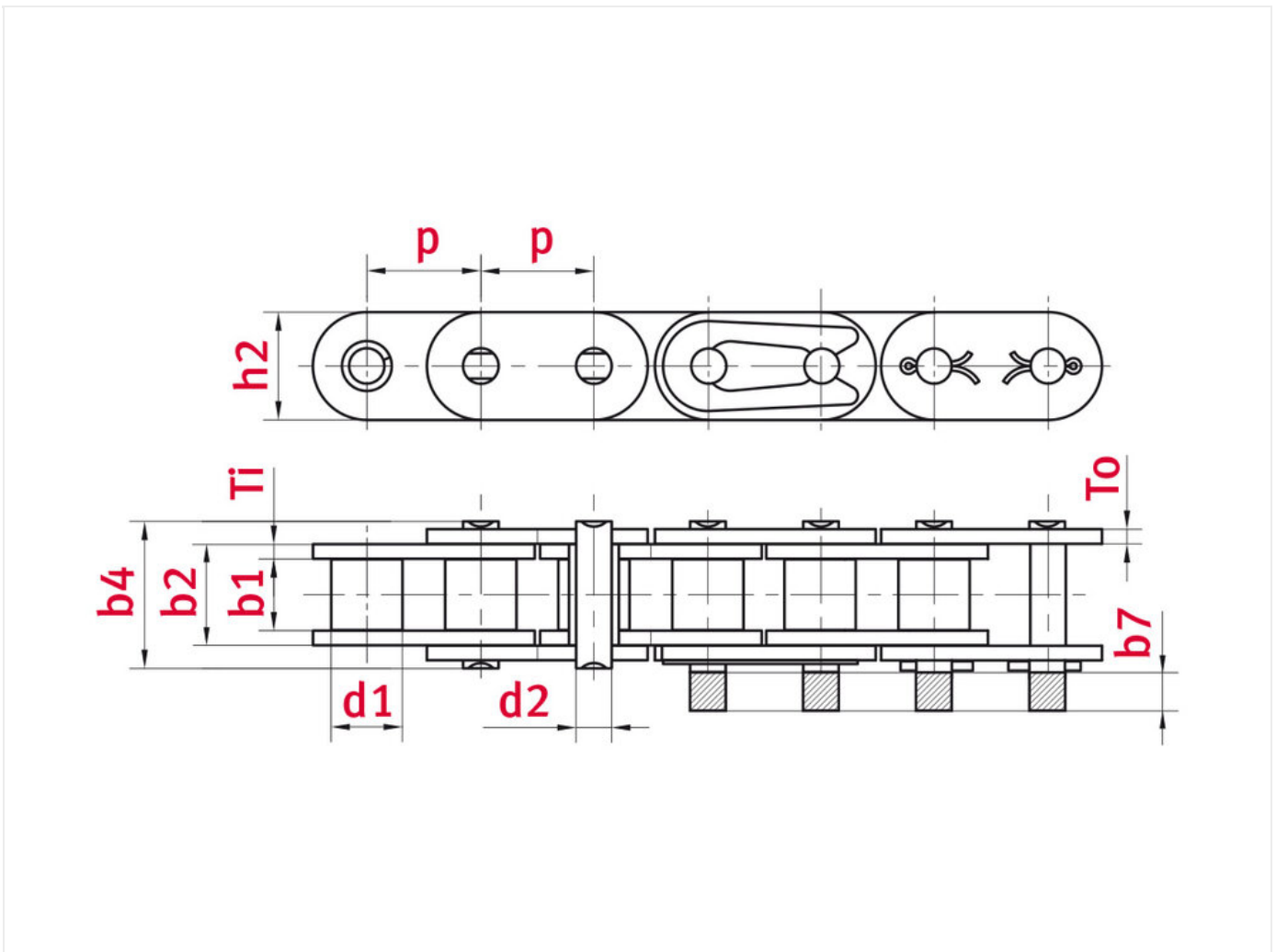
Roller chain 35-1 Straight side plates - ELITE

Part no.: I091b5c3bca04

Packaging Unit: 5m

Brand: ELITE

Model: Straight side plates



Technical data

ROLLER CHAIN	35
Pitch p (mm)	9,525
Width between inner plates b_1 min. (mm)	4,68
Roller diameter d_1 max. (mm)	5,08

Pin diameter d2 max. (mm)	3,6
Pin length b4 max. (mm)	13,2
Max. add. length of connecting link b7 max. (mm)	3,3
Plate thickness Ti/To (mm)	1,30/1,00
Height inner plate h2 max. (mm) (JWIS: g)	9,05
Min. tensile strength ISO/DIN FU (kN)	7,9
Weight per meter (kg)	0,33
Bearing surface f (cm ²)	0,27

Product Information

ELITE roller chains have a high wear resistance and significantly higher fatigue strength than the standard requires. The right choice for industrial applications: robust and reliable. All ELITE transmission roller chains are highly pre-tensioned and treated with our special additive chain oil eliDUR+, a high-tech initial lubricant. Non-drip eliDUR+ offers not only the added advantage of improved running characteristics, but also provides better corrosion protection.

ELITE highlights:

- Approx. 40% higher breaking strength is applied to pre-stretch our chains by 10% more than required by standard ISO 606
- Initial lubrication with eliDUR+ ensures extremely high wear resistance
- Low run-in elongation
- Tensile strength on average 20% higher than required by standard ISO 606
- ELITE pins have a smooth, extra- hard surface for increased wear resistance
- Operating temperature range with eliDUR+ standard lubrication: -5 °C to +70 °C
- All versions also available in coated form
- If required, we can deliver your chains ready-made to the desired length
- Special lubricants for low temperatures down to -30 °C or high temperature applications up to +250 °C available on request
- On request, iwis delivers chains pair-matched or set-matched and marked

Applications

- Warehouse technology, materials-handling industry
- Conveyor technology
- Assembly and industrial handling systems
- Wood processing industry

REQUEST DIRECTLY ONLINE NOW

<https://www.iwis.com/en-en/products-services/roller-chain-35-1-straight-side-plates-elite~p3876>

Useful information

CALCULATION PROGRAM

InduKet: the Chain Drive Calculation Program for Engineers.

[iwis.com/chaincalc](https://www.iwis.com/chaincalc)

CHAIN CALCULATION

The right drive solution for your challenge.

chaindrive@iwis.com

SERVICES

ChainFinder, CAD data, iwis Chain Handbook and more.

[iwis.com/services](https://www.iwis.com/services)