



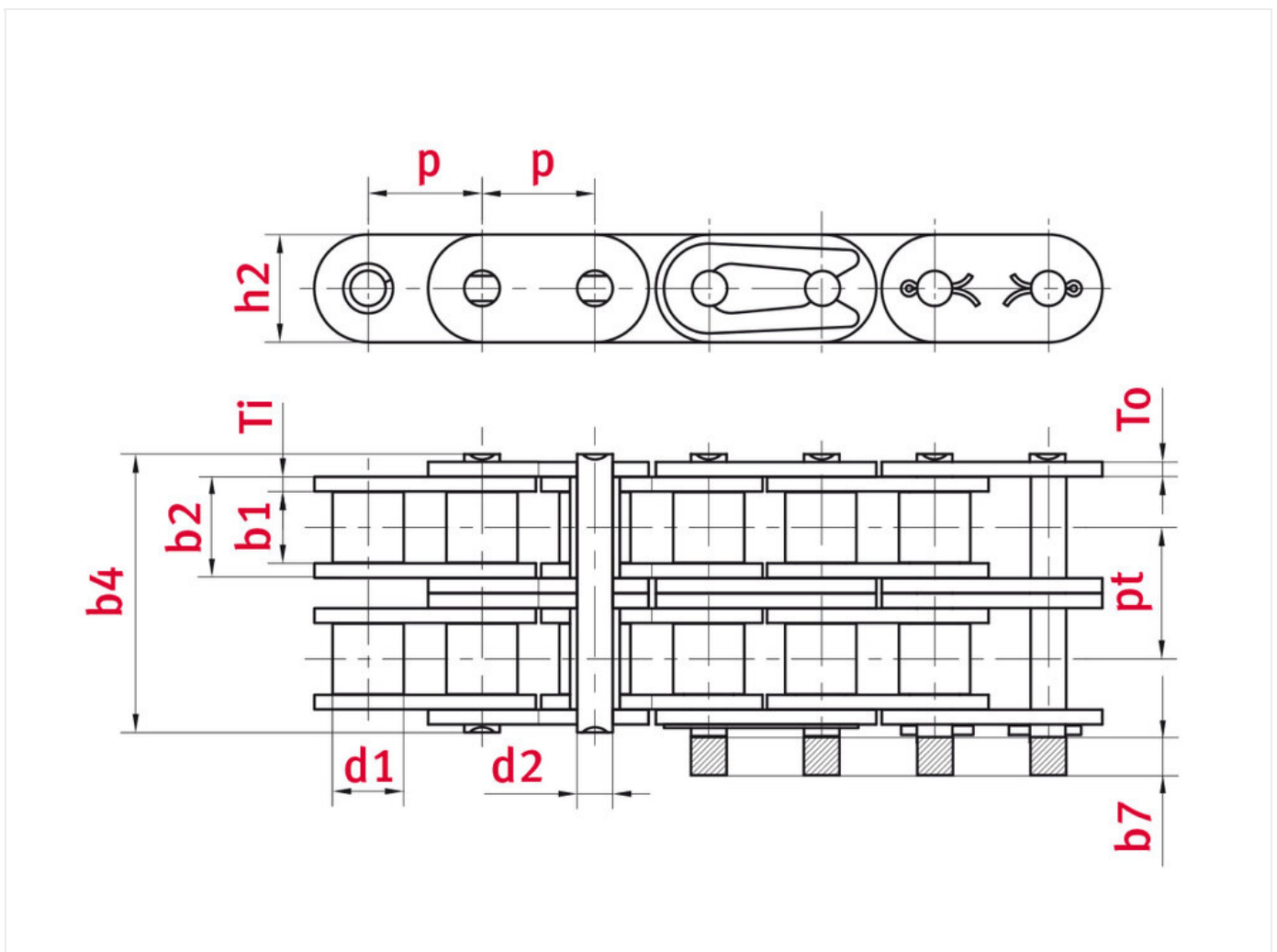
## Roller chain 100-2 Straight side plates - ELITE

Part no.: I640918fcf288

Packaging Unit: 5m

Brand: ELITE

Model: Straight side plates



### Technical data

ROLLER CHAIN	100
Pitch $p$ (mm)	31,75
Width between inner plates $b1$ min. (mm)	18,9
Roller diameter $d1$ max. (mm)	19,05

Pin diameter d2 max. (mm)	9,54
Pin length b4 max. (mm)	77
Max. add. length of connecting link b7 max. (mm)	6,1
Plate thickness Ti/To (mm)	4,00/4,00
Height inner plate h2 max. (mm) (JWIS: g)	30,17
Min. tensile strength ISO/DIN FU (kN)	174
Weight per meter (kg)	7,8
Bearing surface f (cm <sup>2</sup> )	5,16
Traverse pitch pt (mm) (JWIS: e)	35,76

## 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-100-2-straight-side-plates-elite~p3887>

## 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](mailto:chaindrive@iwis.com)

### **SERVICES**

ChainFinder, CAD data, iwis Chain Handbook and more.

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