



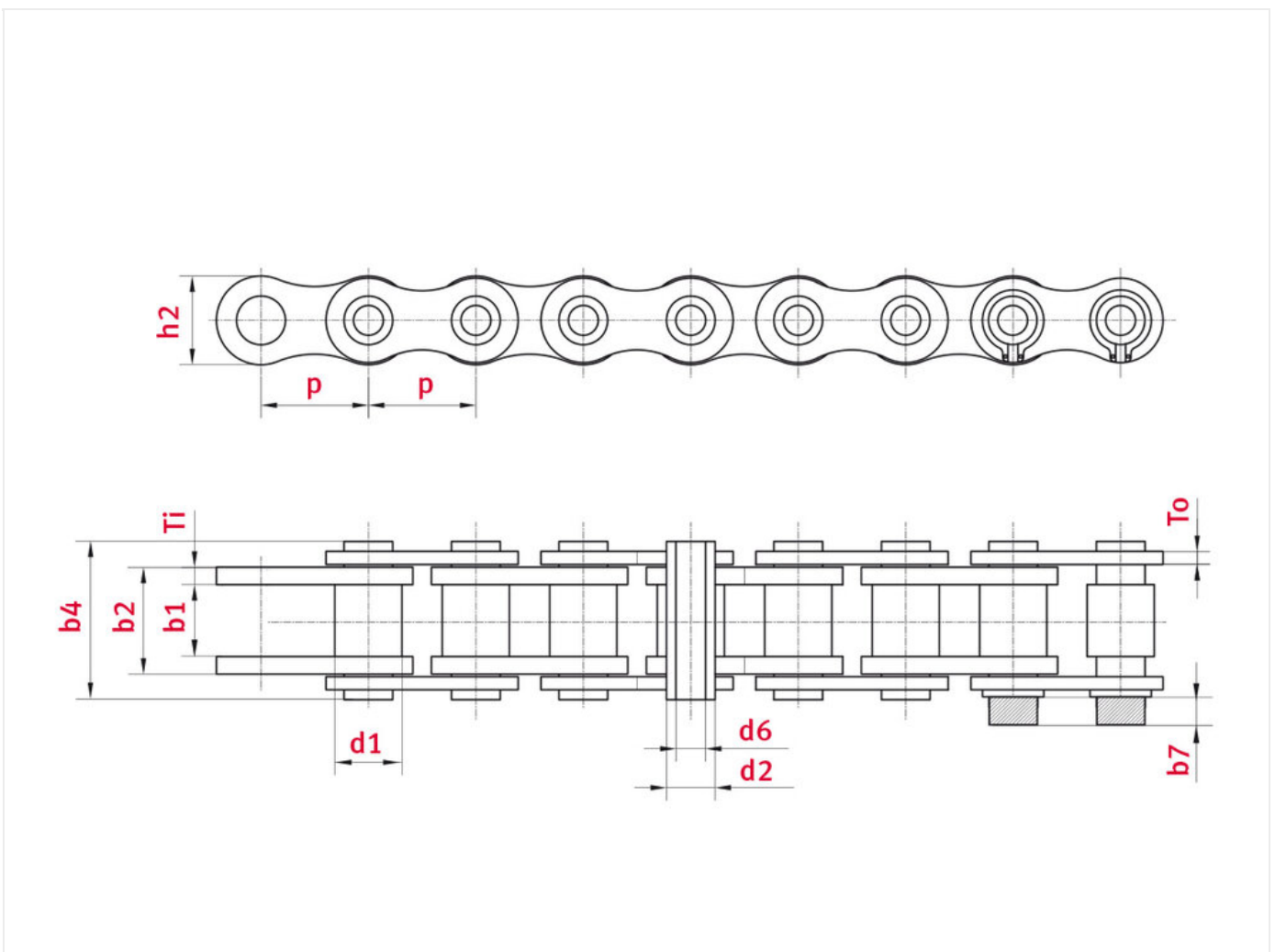
## Hollow pin chain 12B-1 without bushes - ELITE

Part no.: 81012847

Packaging Unit: 5m

Brand: ELITE

Model: without bushes



### Technical data

ROLLER CHAIN	12B
Pitch p (mm)	19,05
Width between inner plates b1 min. (mm)	11,7
Roller diameter d1 max. (mm)	12,07

Pin diameter d2 max. (mm)	8,1
Pin length b4 max. (mm)	22,5
Hollow pin inner diameter d6 min. (mm)	5
Max. add. length of connecting link b7 max. (mm)	1,7
Total width inner link b2 max. (mm)	15,62
Plate thickness Ti/To (mm)	1,85
Height inner plate h2 max. (mm) (JWIS: g)	15,8
Min. tensile strength ISO/DIN FU (kN)	25
Weight per meter (kg)	1,09
Bearing surface f (cm <sup>2</sup> )	1,27

## Product Information

Hollow pin roller chains without bushes are constructed on the same principle as Galle chains i.e. the link bearing is situated between pin and outer plate, resulting in an extremely small bearing area. This offers the advantage of high breaking strength and hollow pins with large inner diameters.

### ELITE highlights

- Available based on the same chains manufactured to ISO 606 or as special chains
- All ELITE chain plates are manufactured using processes such as fine blanking and ball-drifting, so a particularly high contact ratio is guaranteed
- Solid, case hardened rollers with good wear resistance
- In general, hollow pins made of seamless precision steel tube for improved precision and wear resistance
- Many of these chains are supplied pair-matched to ensure exact parallel running, one of the main requirements that these chains must fulfil

## Applications

- Conveyor technology
- Food processing industry
- Measurement and testing technology
- Feeding and automation technology

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<https://www.iwis.com/en-en/products-services/hollow-pin-chain-12b-1-without-bushes-elite~p3532>

## 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)