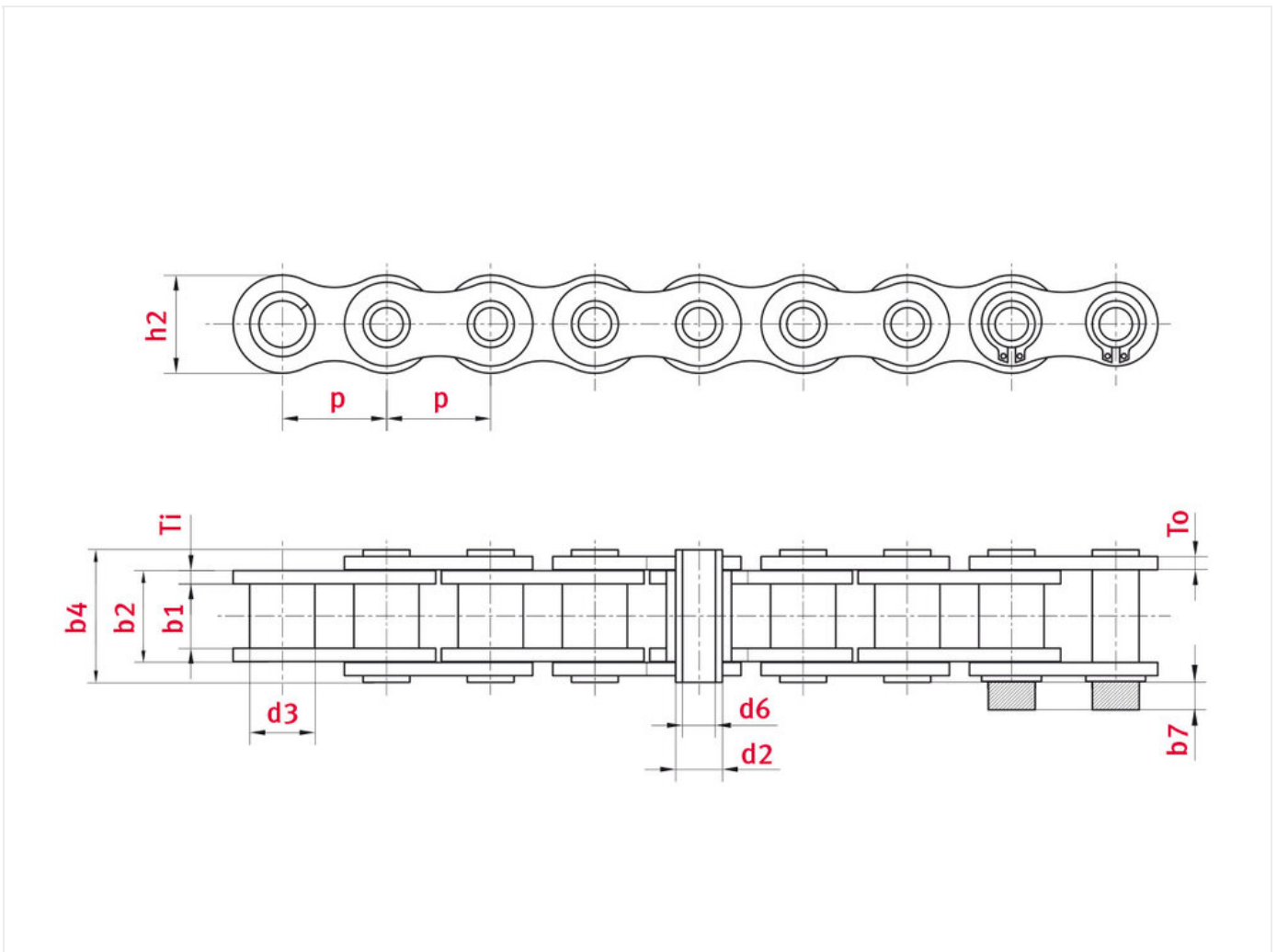




## Hollow pin chain 50-1 Bushing chain - ELITE

Part no.: 81013471  
Packaging Unit: 5m

Brand: ELITE  
Model: Bushing chain



### Technical data

ROLLER CHAIN	50
Pitch p (mm)	15,875
Width between inner plates b1 min. (mm)	9,4
Pin diameter d2 max. (mm)	7,03

Bush diameter d3 max. (mm)	10,16
Pin length b4 max. (mm)	20,55
Hollow pin inner diameter d6 min. (mm)	5,1
Max. add. length of connecting link b7 max. (mm)	1,7
Total width inner link b2 max. (mm)	13,84
Plate thickness Ti/To (mm)	2,03
Height inner plate h2 max. (mm) (JWIS: g)	15
Min. tensile strength ISO/DIN FU (kN)	20
Weight per meter (kg)	0,95
Bearing surface f (cm <sup>2</sup> )	0,97

## Product Information

There is a specific technical reason why small rollers are not fitted to hollow pin bush chains: this design modification permits the inner diameter of hollow pins to be made larger and thicker axles can be fitted as a consequence. This change is often made at the expense of lower breaking strength and increased sprocket wear.

### 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-50-1-bushing-chain-elite~p3527>

## 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)