



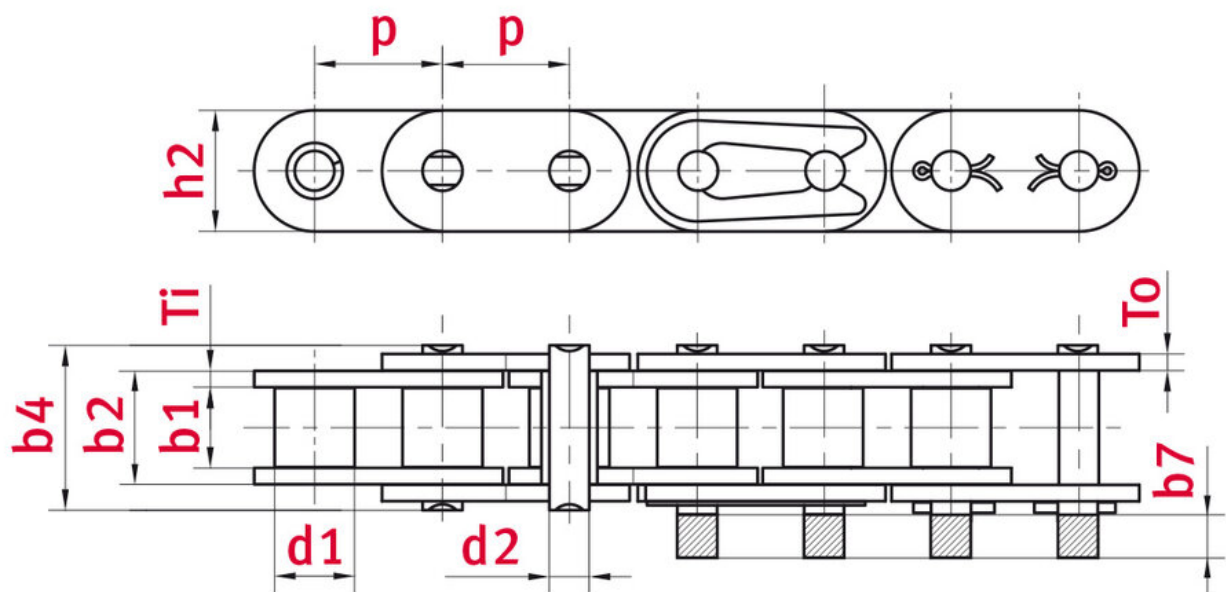
Roller chain 12B-1 Straight side plates - ELITE

Part no.: 81013775

Packaging Unit: 5m

Brand: ELITE

Model: Straight side plates



Technical data

| ROLLER CHAIN | 12B |
|--|-------|
| Pitch p (mm) | 19,05 |
| Width between inner plates b_1 min. (mm) | 11,68 |
| Roller diameter d_1 max. (mm) | 12,07 |

| | |
|--|-----------|
| Pin diameter d2 max. (mm) | 5,72 |
| Pin length b4 max. (mm) | 22,7 |
| Max. add. length of connecting link b7 max. (mm) | 4,6 |
| Total width inner link b2 max. (mm) | 15,62 |
| Plate thickness Ti/To (mm) | 1,85/1,85 |
| Height inner plate h2 max. (mm) (JWIS: g) | 16,13 |
| Min. tensile strength ISO/DIN FU (kN) | 28,9 |
| Weight per meter (kg) | 1,32 |
| Bearing surface f (cm ²) | 0,89 |

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-12b-1-straight-side-plates-elite~p3333>

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)