

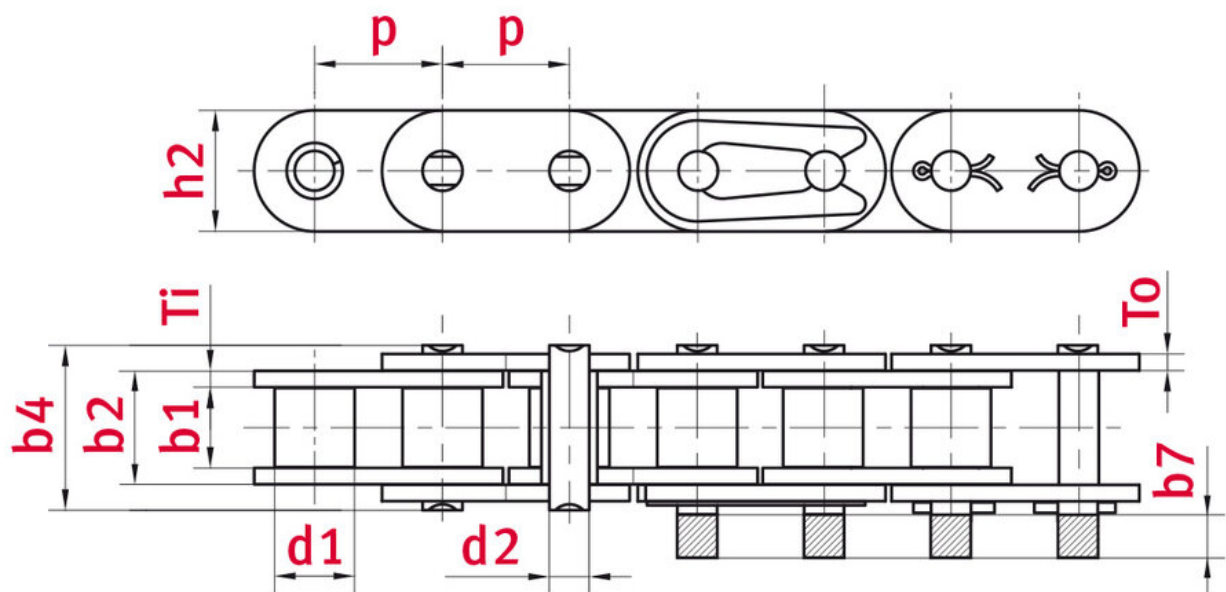


## Roller chain 12B-1 Straight side plates - Reel - ELITE

Part no.: 81013114

Brand: ELITE

Model: Straight side plates - Reel



## Technical data

| ROLLER CHAIN                            | 12B   |
|-----------------------------------------|-------|
| Pitch p (mm)                            | 19,05 |
| Width between inner plates b1 min. (mm) | 11,68 |
| Roller diameter d1 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 |
| Min. tensile strength ISO/DIN FU (kN)            | 28,9      |
| Weight per meter (kg)                            | 1,32      |
| Bearing surface f (cm <sup>2</sup> )             | 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
- Fördertechnik
- 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-reel-elite~p3089751>

## 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)