



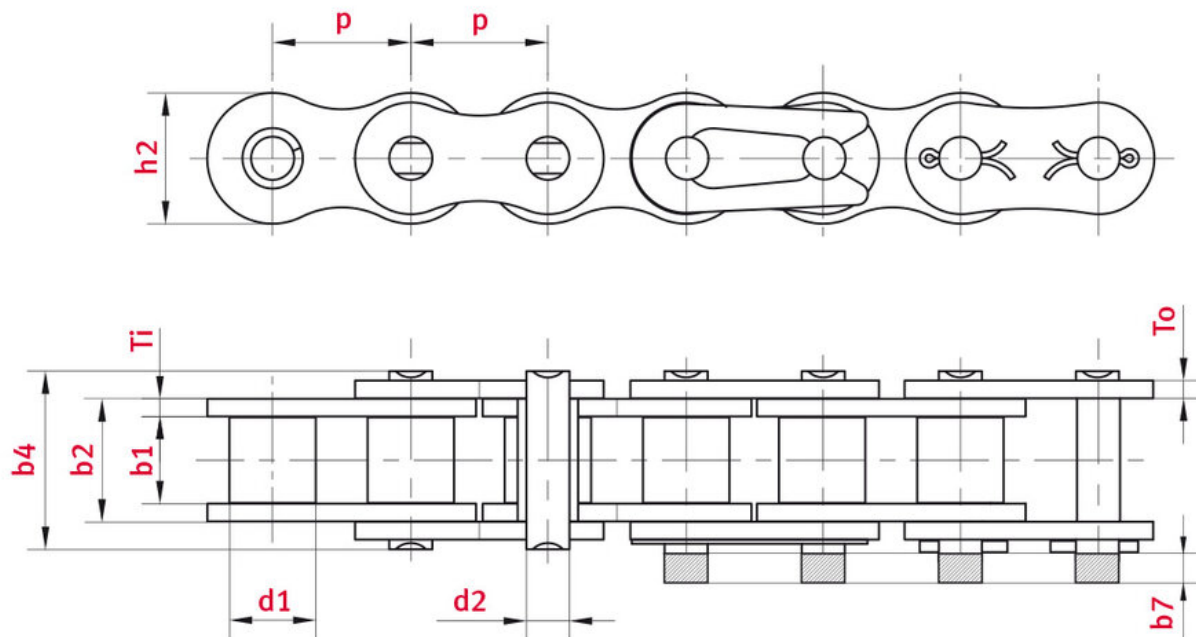
Roller chain 100-1, nickel-plated - ELITE

Part no.: Ifac3b797c3bd

Packaging Unit: 5m

Brand: ELITE

Surface: nickel-plated



Technical data

| ROLLER CHAIN | 100 |
|--|-------|
| Pitch p (mm) | 31,75 |
| Width between inner plates b_1 min. (mm) | 18,9 |
| Roller diameter d_1 max. (mm) | 19,05 |

| | |
|--|-----------|
| Pin diameter d2 max. (mm) | 9,54 |
| Pin length b4 max. (mm) | 41,1 |
| 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) | 87 |
| Weight per meter (kg) | 3,91 |
| Bearing surface f (cm²) | 2,58 |

Product Information

Nickel-plated chains are used mainly in the food and packaging industry; the characteristic properties of nickel make it a particularly suitable coating metal for numerous applications. It is impervious not only to water and air, but also to a variety of acids and alkalis.

Product highlights

- The dimensions of all zinc-plated and nickel-plated ELITE-chains comply with the requirements of ISO 606 and the chains are interchangeable with standard chains
- Zinc-plated and nickel-plated chains are prestretched to 30 % of breaking load
- All chain plates are tapered and zinc or nickel plated
- Chains are fitted with seamless rollers; zinc or nickel plating available
- Pins offer a high level of corrosion protection and wear resistance
- The load capacity of zinc- or nickel-plated ELITE chains is similar to that of comparable standard chains
- Both chain types are generally supplied lightly oiled

Applications

- Food processing industry
- Packaging industry
- Solar and energy technology



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<https://www.iwis.com/en-en/products-services/roller-chain-100-1-nickel-plated-elite~p3948>

Useful information



CALCULATION PROGRAM

InduKet: the Chain Drive
Calculation Program for
Engineers.

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



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ChainFinder, CAD data, iwis
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