



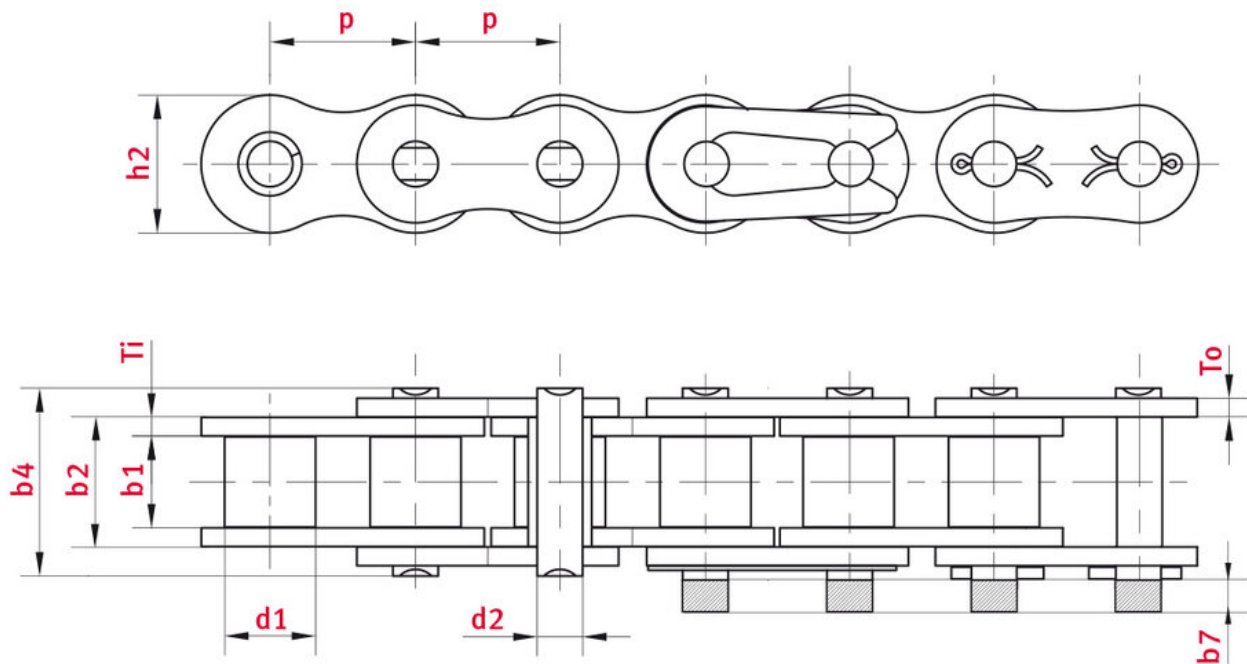
Roller chain 100-1, zinc-aluminium coated - ELITE

Part no.: lcd6144fa6c62

Packaging Unit: 5m

Brand: ELITE

Surface: zinc-aluminium coated



Technical data

ROLLER CHAIN	100
Pitch p (mm)	31,75
Width between inner plates $b1$ min. (mm)	18,9
Roller diameter $d1$ 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
Avg. tensile strength FB (kN)	102
Weight per meter (kg)	3,91
Bearing surface f (cm²)	2,58

Product Information

The new zinc-aluminium coated chains "ZAP coated chains" have the best corrosion protection of all coated chains. The typical lamellar structure of these coatings provide a so-called "barrier effect" and high cathodic corrosion protection without the risk of hydrogen embrittlement. The coating also has a positive effect on friction in the chain bearing. The new ZAP coating will replace the previous Geomet and Dacromet chains.

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

- Packaging industry
- Solar and energy technology
- Wood processing industry
- Environmental technology, Recycling



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<https://www.iwis.com/en-en/products-services/roller-chain-100-1-zinc-aluminium-coated-elite~p3966>

Useful information



CALCULATION PROGRAM

InduKet: the Chain Drive
Calculation Program for
Engineers.

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



CHAIN CALCULATION

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SERVICES

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