

## Leaf chain FL1044 bd Works standard Double side plates - JWIS

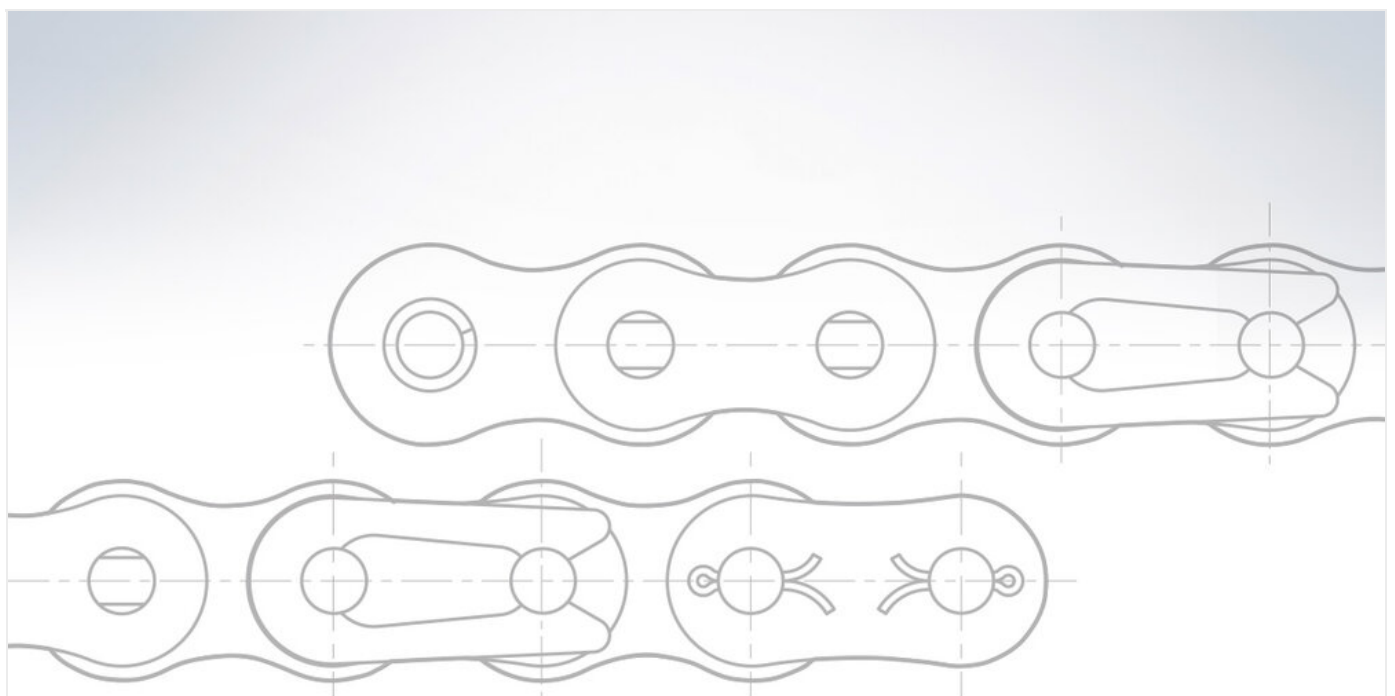
Part no.: 50000361

Brand: JWIS

Model: LL Double side plates



Produktbild folgt in Kürze



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### Technical data

LEAF CHAIN	LL10
Plate lacing	2 x 2
Pitch p (mm)	15,875
Pin diameter d2 max. (mm)	5,08

Outer link pin rivet a1 max. (mm)	16,8
Outer link key groove a max. (mm)	28
Plate thickness s (mm)	1,8
Height inner plate h2 max. (mm) (JWIS: g)	13,7
Min. tensile strength ISO/DIN FU (kN)	57
Weight per meter (kg)	1,12
End link dimensions d3 (mm)	10,4
End link dimensions d4 (mm)	16,2
End link dimensions g2 (mm)	20
End link dimensions g3 (mm)	35
End link dimensions u1 (mm)	25
End link dimensions u2 (mm)	12
End link dimensions u3 (mm)	45
End link dimensions u4 (mm)	21
Bearing surface f (cm <sup>2</sup> )	0,37

## Product Information

iwis Leaf Chains are manufactured from precision iwis roller chain parts according to ISO 606. Leaf chains are used wherever loads must be lifted, hoisted or pulled and high fatigue strength is crucial to function and safety. Therefore the actual pitch deviates from the nominal pitch. For length calculations use the length over 100 x pitch, not the nominal pitch. Unlike roller chains, leaf chains have very high fatigue strength values, since they consist only of pins and plates. High fatigue strength is gained at the expense of wear resistance, because leaf chains do not have the classic pin and bush bearings common to other chains.

Special versions and combinations with roller chains are available on request.

### Highlights:

- Precision-formed, heat-treated and shot-peened link plates with optimised geometry
- Higher breaking forces achieved by optimised plate thickness
- Improved press-fitting of pins and outer plates for higher fatigue strength
- Link plates with a particularly high contact ratio
- Pins with hardened surfaces for increased wear resistance
- Special versions manufactured to works standards available
- Different pear drops and anchor bolts possible
- Wide range of products

## Applications

- Warehouse technology, materials-handling industry
- Mechanical engineering and systems construction
- Lifting devices, Fork lifts
- Construction machinery

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<https://www.iwis.com/en-en/products-services/leaf-chain-fl1044-bd-works-standard-double-side-plates-jwis~p4902>

## 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)