



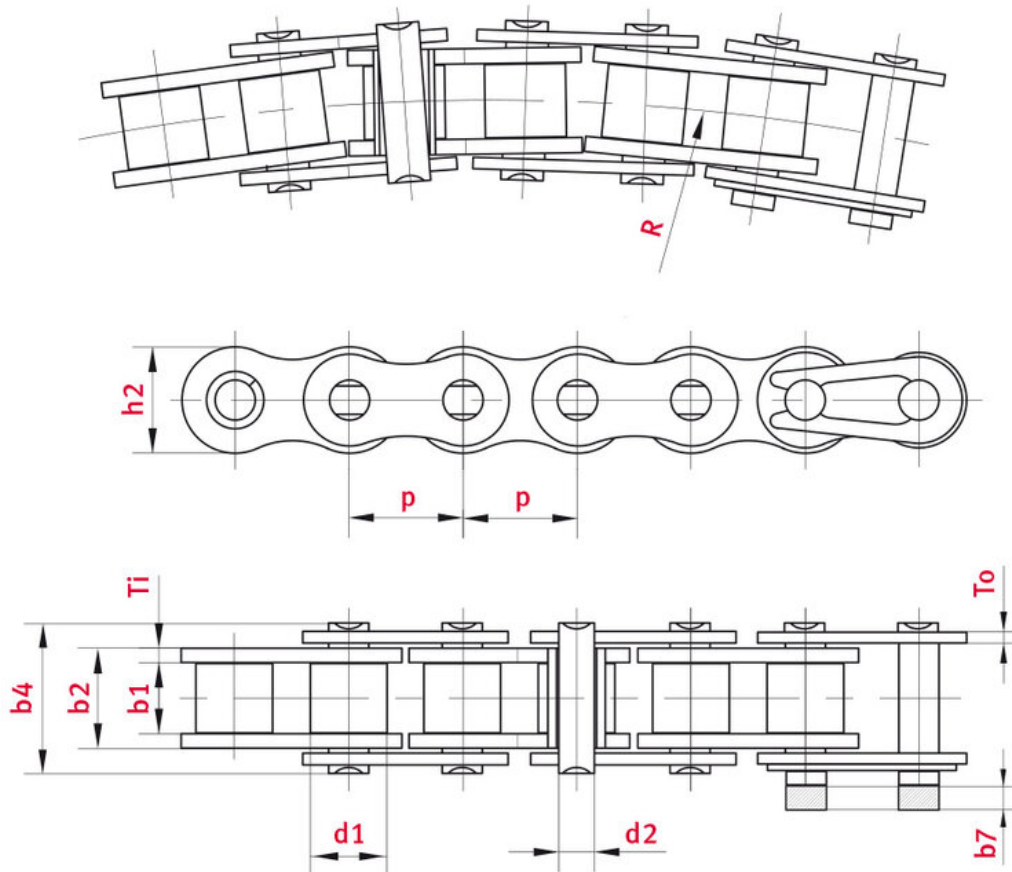
## Side bow chain 43-1 Straight inner side plates - ELITE

Part no.: la96a5d21f1ec

Packaging Unit: 5m

Brand: ELITE

Model: Straight inner side plates



## Technical data

| ROLLER CHAIN                            | 43   |
|---|------|
| Pitch p (mm)                            | 12,7 |
| Width between inner plates b1 min. (mm) | 7,85 |
| Roller diameter d1 max. (mm)            | 7,92 |

|  |      |
|--|------|
| Pin diameter d2 max. (mm)                        | 3,45 |
| Pin length b4 max. (mm)                          | 18,3 |
| Max. add. length of connecting link b7 max. (mm) | 2,6  |
| Plate thickness Ti/To (mm)                       | 1,5  |
| Height inner plate h2 max. (mm) (JWIS: g)        | 12   |
| Min. tensile strength ISO/DIN FU (kN)            | 12   |
| Weight per meter (kg)                            | 0,8  |
| Bearing surface f (cm²)                          | 0,89 |
| Side bow radius R min. (mm)                      | 305  |

## Product Information

Side bow chains are generally used as conveyor or drag chains in applications which require a curved track. The chains run around a variety of curves with different radii. A reduced pin diameter enables these chains to negotiate bends, but conical pins or biconical bushes are also possible.

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.

Version with straight inner plates.

### Highlights:

- Production on the basis of ISO 606
- Compatible with standard sprockets
- Available with special lubrication, special coatings, or in stainless steel versions on request
- As the usual applications for these chains allow initial lubrication with low-viscosity oil, only a light film of oil remains on the surface
- ELITE side bow chains can be used as basic chains for our FLEXON flat top chain range

## Applications

- Warehouse technology, materials-handling industry
- Conveyor technology
- Electronics industry and PCB manufacture
- Feeding and automation technology
- Textile and clothing industry



### REQUEST DIRECTLY ONLINE NOW

<https://www.iwis.com/en-en/products-services/side-bow-chain-43-1-straight-inner-side-plates-elite~p3907>

## 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)