



Model: plastic conveyor roller double  
Speed with finger and parts protection

1

|  |           |
|--|-----------|
| Roller diameter d1 max. (mm)                 | 11,91     |
| Pin diameter d2 max. (mm)                    | 3,28      |
| Pin length b4 max. (mm)                      | 24        |
| Width of outer roller b9 (mm)                | 4         |
| Conveyer roller diameter d5 (mm) (JWIS: D)   | 18,3      |
| Width over conveyer roller b8 (mm) (JWIS: b) | 8         |
| Plate thickness Ti/To (mm)                   | 1,5 / 1,3 |
| Height inner plate h2 max. (mm) (JWIS: g)    | 8,2       |
| Weight per meter (kg)                        | 0,61      |
| Bearing surface f (cm <sup>2</sup> )         | 0,52      |
| Max. chain load (N)                          | 8,9       |

## Product Information

Double Speed chains work on a different principle from accumulation chains; rather than accumulation resulting from an idling transport roller, the transport roller is deliberately turned on the guide. Turning the roller doubles the conveying speed, which means faster movement of goods and materials in the competitive world of modern industrial manufacturing. With the new accumulation chain version, fitted with the 100% protective tab between the accumulation rollers, covering the gap in the inner link area. This feature offers 100% protection against particles falling through the gap, leading to jamming of the accumulation rollers; it also prevents the risk of fingers accidentally getting „caught“ in that area.

### Advantages

- 100% cover protection without effecting the articulation of the chain through the drive
- No possibility of clips coming loose and falling into the system, due to the unique patented design
- Stable execution of the clip
- No jamming of the chain through the drive
- The clip causes no accumulation roller wear
- Self-adjusting clip after articulation through the drive
- No abrasion or wear caused to the product or pallet transported
- Protective grid prevents foreign objects from falling between the rollers and causing large-area wear.
- Electrically conductive plastic components

## Applications

- Automotive industry
- Warehouse technology, materials-handling industry
- Conveyor technology

- Electronics industry and PCB manufacture



### REQUEST DIRECTLY ONLINE NOW

<https://www.iwis.com/en-en/products-services/accumulation-chain-2030-1-plastic-conveyor-roller-double-speed-with-finger-and-parts-protection-elite~p4019>

## 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)