Wide spiral link belt

Driven by positivity

TOP characteristics

- No slippage thanks to the interlocking drive mechanism
- Sturdy design
- Transport and handover of very small items
- Good straight-line stability

Positive-driven wide-spiral link belts, also known as CTB belts, ensure a form-fit run thanks to their toothed rings. At the same time, very small deflection diameters of up to 5 mm are possible, making the belts suitable for small and delicate products. Particularly well suited to wide belt widths with short centre distances, such as in loading and unloading conveyors.

Applications

- Loading conveyors
- Conveyor systems
- Deep-fryers
- Refrigeration systems
- Drying ovens
- Ovens

Materials used

- Stainless steel 1.4301, 1.4401, ...
- Raw steel, copper-plated, galvanised

Dimensions

- Widths up to approx. 5,000 mm
- Round wire spirals: Ø 0.9–2.0 mm
- Flat-wire spirals: 1.2 × 0.60 mm up to 2.2 × 1.6 mm
- Pitch of the spirals: 2.70–16.93 mm
- Crossbars: Ø 1.0–2.3 mm
- Cross-functional department: 3.8–19.05 mm

Stainless steel construction according to Regulation (EC) 1935/2004 Suitable for food stuffs

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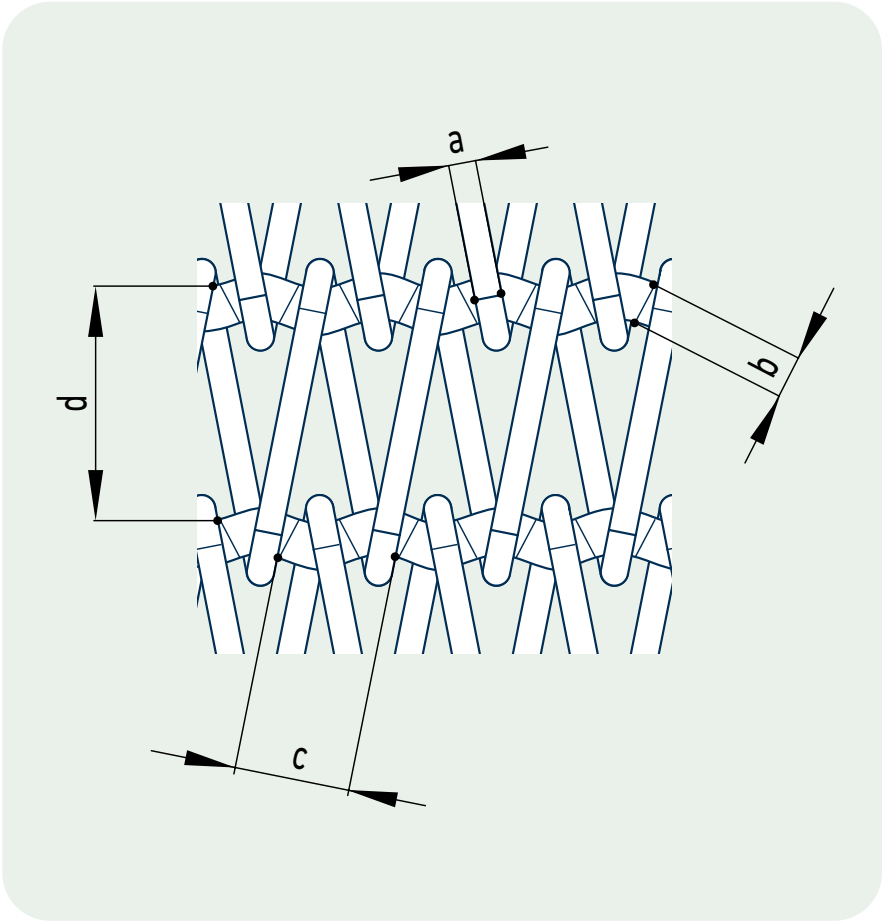
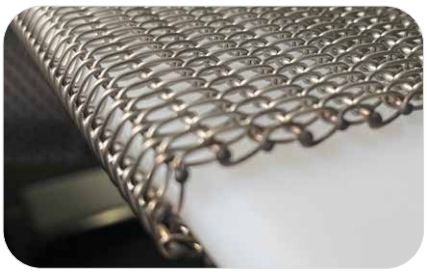
Wide spiral link belt
Dimensions

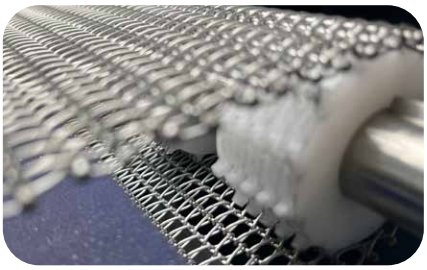
Standard dimensions (in mm)					Technical specifications			
Type	**Division**	**Gradient**	**ø coil / flat wire**	**ø crossbar**	**Min. deflection diameter**	**Min. distance between drive wheels**	**Max. distance between drive wheels**	**Max. tensile load** (in N/m bandwidth)
CTB 60-60-18	5.08	5.08	1.20	1.20	5.10	5.10	76.00	5,100
CTB 60-48-18	6.35	5.08	1.20	1.20	6.40	5.10	76.00	5,100
CTB 60-48-1820	6.35	5.08	0.90	1.20	6.40	5.10	76.00	1,800
CTB 48-48-17	6.35	6.35	1.40	1.40	6.40	6.40	82.60	6,600
CTB 42-36-18	8.46	7.26	1.20	1.20	9.50	7.10	88.90	3,300
CTB 42-36-17	8.46	7.26	1.40	1.40	9.50	7.10	88.90	4,800
CTB 42-36-16	8.46	7.26	1.60	1.60	9.50	7.10	88.90	5,500
CTB 30-24-17	12.70	10.16	1.40	1.40	12.70	10.20	82.60	2,900
CTB 30-24-16	12.70	10.16	1.60	1.60	12.70	10.20	82.60	3,900
CTB 30-24-14	12.70	10.16	2.00	2.00	12.70	10.20	82.60	4,900
CTB 18-16-14	19.05	16.93	2.00	2.00	25.40	17.00	127.00	3,600
CTB 18-16-16	19.05	16.93	1.60	1.60	25.40	17.00	127.00	1,500



a Spiral wire thickness **b** Cross bar thickness **c** Incline **d** Pitch



Wide spiral link belt handover



Wide spiral link belt with sprockets

Sprockets

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