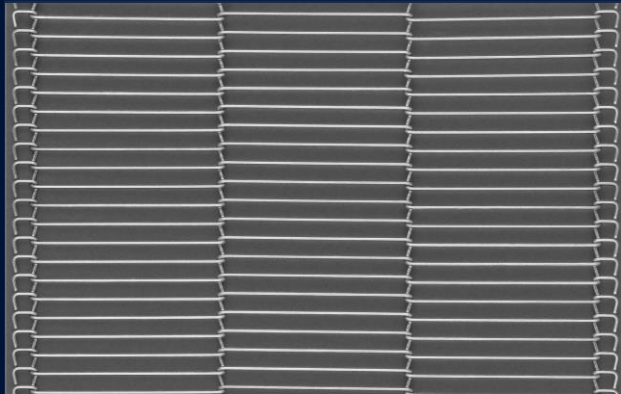


CONVEYOR BELTS

BELT WITH INTERLACED BARS

GROUP 700

BELT WITH INTERLACED BARS



Rod network belts of group **700** are a design consisting of interlaced, bent bars. They offer a large number of specific advantages and thus a wide range of possible applications. These belts are generally used for transporting and handling light goods.

PROPERTIES

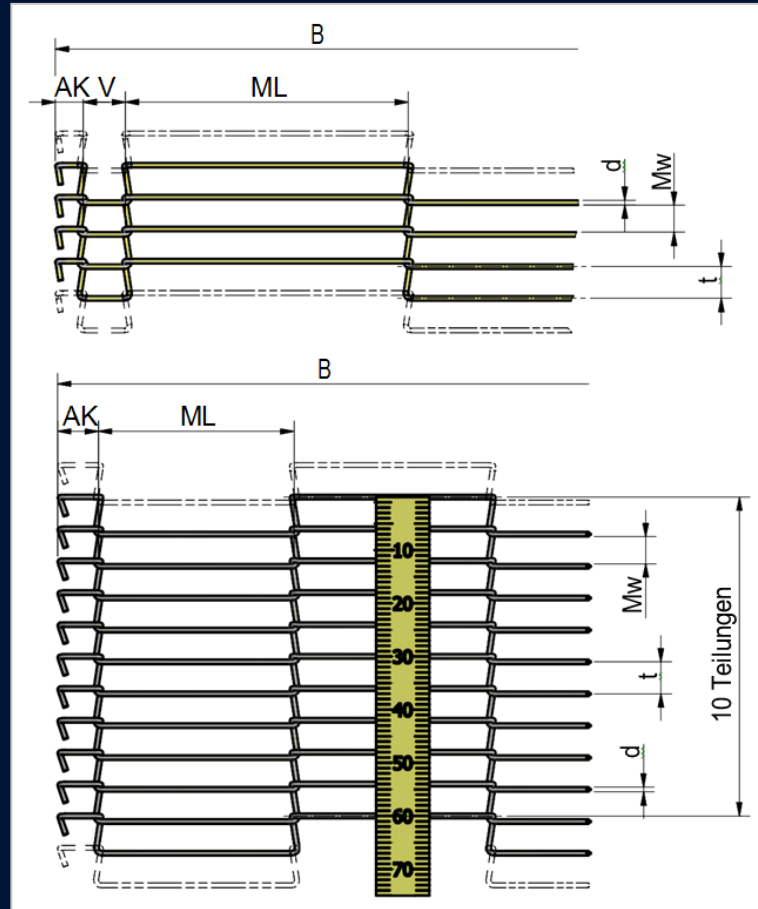
- Very large open area, therefore nearly unlimited penetration of e.g. air, liquids or coating compounds.
- Small dead weight.
- The belt consists of only one level, therefore low risk of clogging and easy to clean.
- Smooth belt guidance through all round grooved end rollers.
- Form-locking drive through toothed rollers or wheels.
- Return on very small radius possible.
- Smooth-running.

MATERIALS

Spring steel or stainless chrome-nickel steel of material no. 1.4310.

Further materials on request.

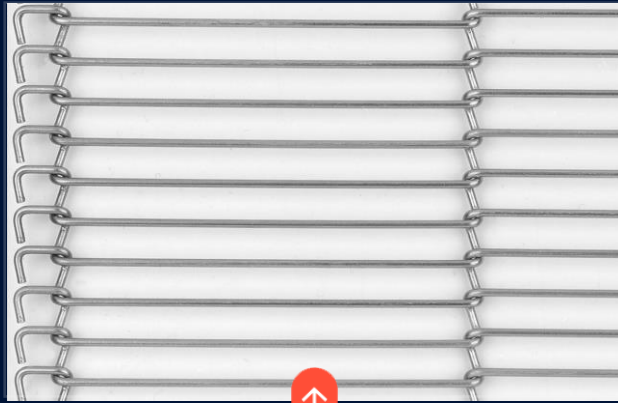
BELT WITH INTERLACED BARS



- B = Belt width
- t = Pitch
- d = wire thickness
- Ak = End edge
- ML = Mesh length
- Mw = clear mesh width
- V = V-edge

BELT WITH INTERLACED BARS

EDGE FINISHES



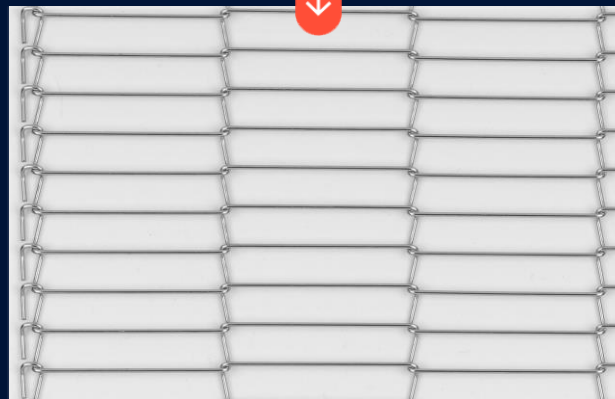
SIMPLE TERMINAL EDGE B
(preferred)



SINGLE TERMINATING EDGE S



REINFORCING EDGE V WITH END EDGE S



BELT WITH INTERLACED BARS

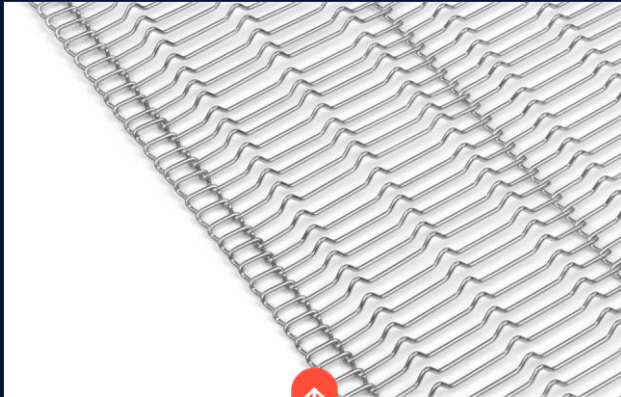
INDICATIVE VALUES FOR STANDARD DESIGNS OF GROUP 700

	from (mm)	to (mm)
Ø Wire	0.9	2.8
Division	4.0	19.05

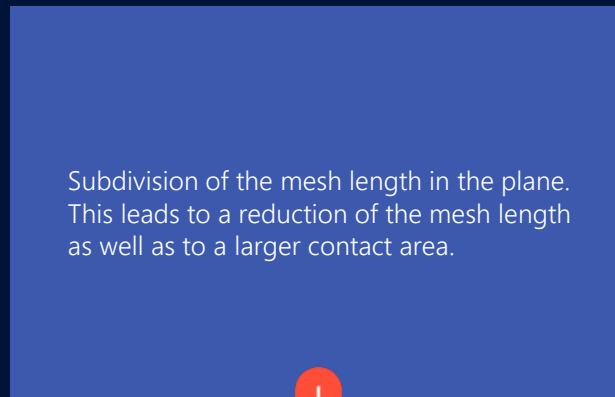
Ø Wire	Closing edge (AK) S	Closing edge (AK) B
0.90	4.2	6.1
1.00	4.2	6.0
1.25	4.8	7.7
1.40	6.3	9.2
1.60	6.5	9.4
1.80	7.8	9.2
2.00	8.0	13.0
2.35	---	13.6
2.80	8.2	13.2

BELT WITH INTERLACED BARS

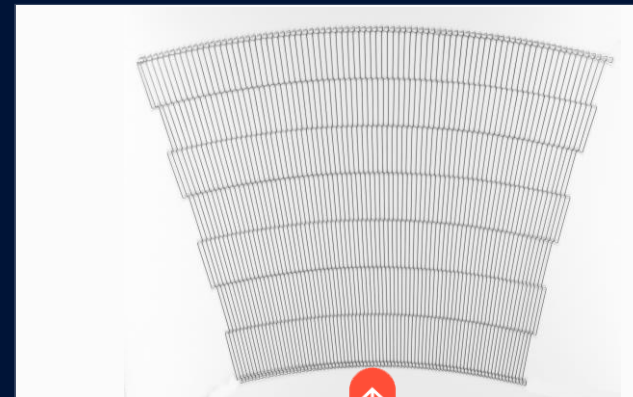
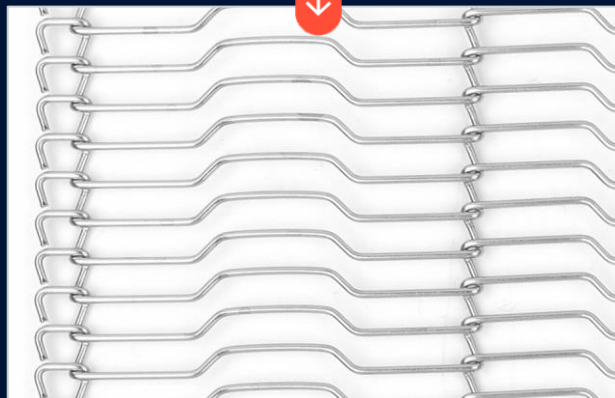
SPECIAL VERSIONS



Cams or troughs in various shapes, such as pointed or wide. These can act as drivers, spacers or supports. The arrangement can be chosen almost arbitrarily, so that, for example, belts can also result from several troughs or channels lying next to each other.

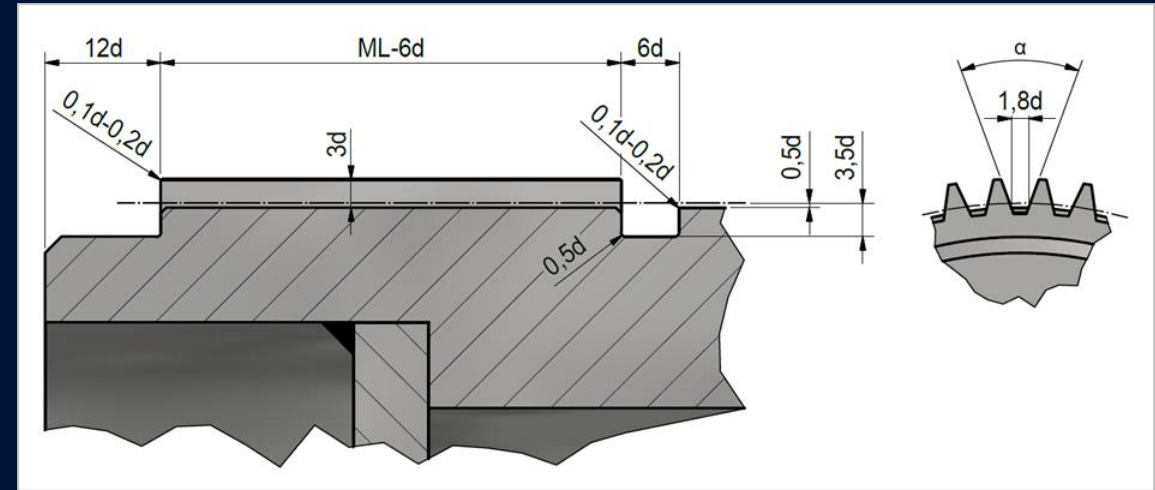
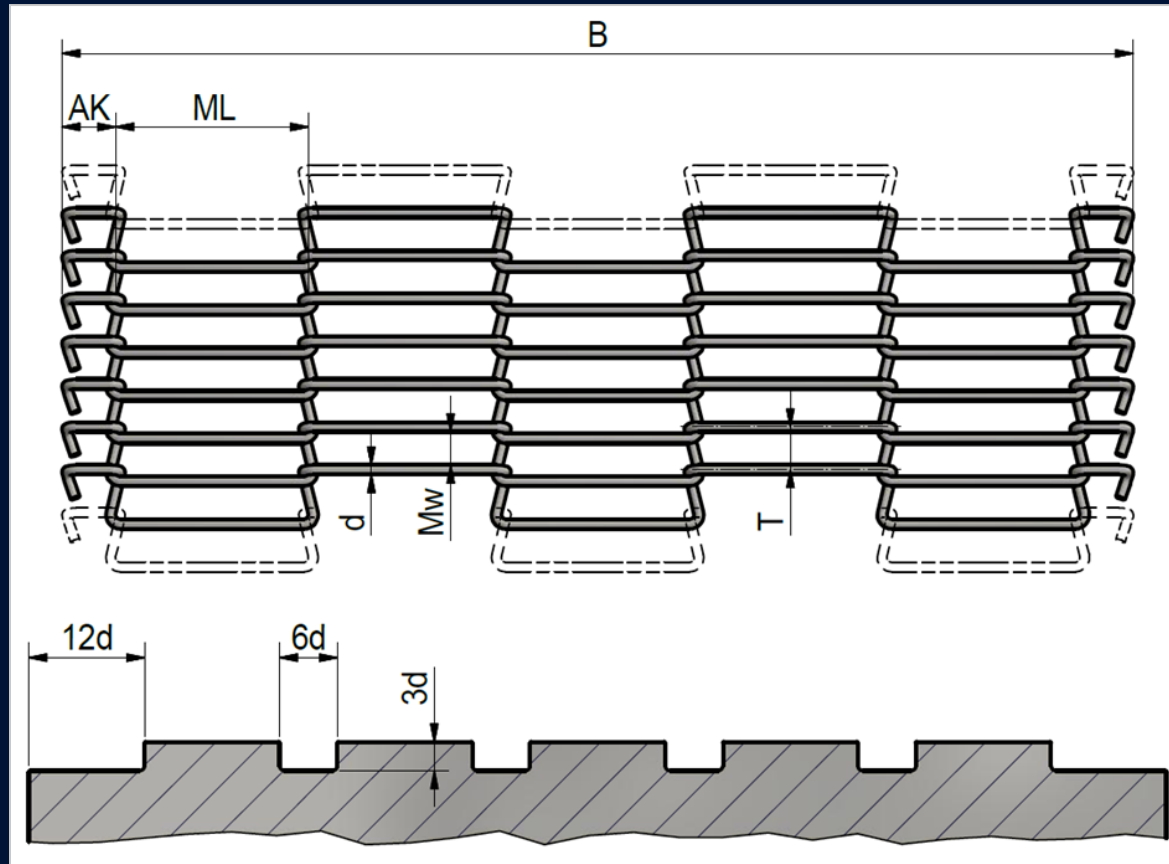


Subdivision of the mesh length in the plane. This leads to a reduction of the mesh length as well as to a larger contact area.



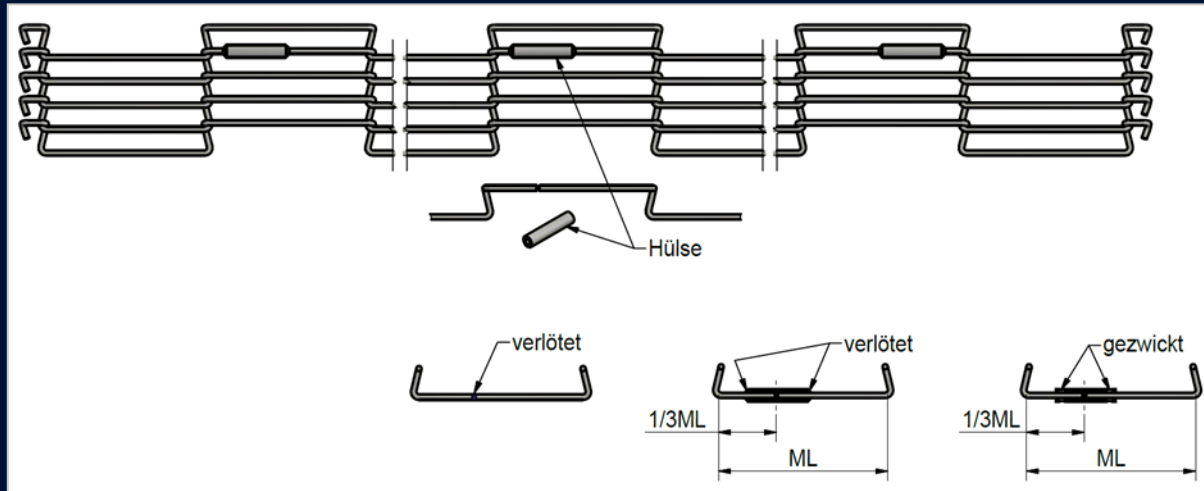
Curved belt design for any curve area and different radii.

BELT WITH INTERLACED BARS



BELT WITH INTERLACED BARS

SUGGESTION FOR ENDLESS CONNECTION



CONNECTING BUSHINGS

Standard dimensions (mm)	for wire thickness (mm)
Ø 2.1/1.1 x 20	0.9 + 1.0
Ø 2.45/1.45 x 20	1.25 + 1.4
Ø 2.9/1.9 x 25	1.6 + 1.8
Ø 3.9/2.9 x 30	2.0 + 2.35 + 2.8

