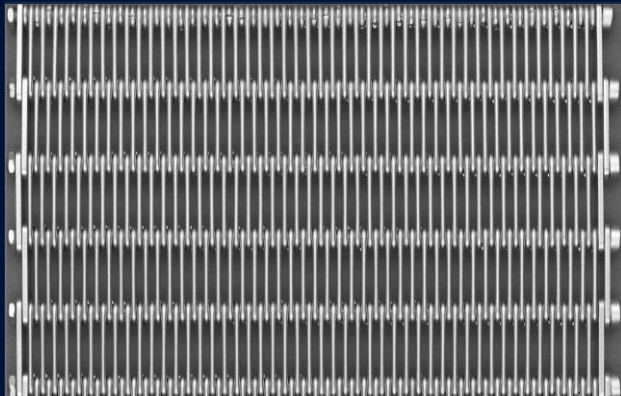


CONVEYOR BELTS

WIRE-LINK BELT

GROUP 800

WIRE-LINK BELT



Group **800** wire-link belts consist of individual bent wire eyelets, which are lined up on two straight cross bars each.

The slit width of the belts is normally equal to the thickness of the eyelet wire. The slit width can be reduced or increased by flattening the eyelet eyes or by adding wire rings, washers, springs or sleeves. The gap width can also be fixed by means of under-welded wires.

For the transmission of greater tensile forces, the belts can be provided with lamellae strands which take over the resulting belt tension.

PROPERTIES

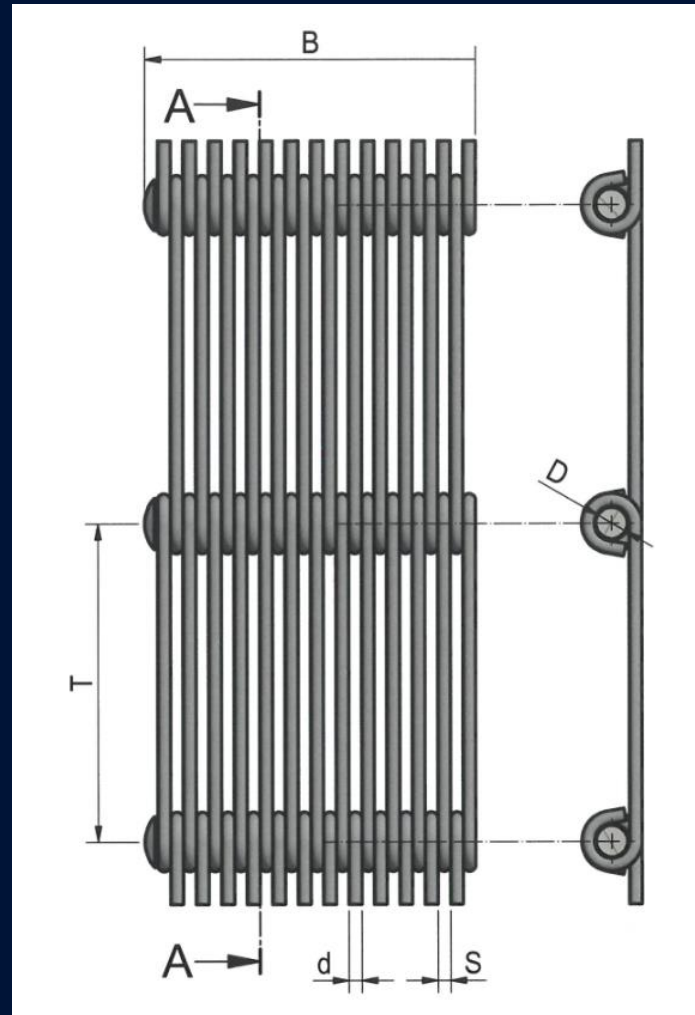
- Large open area, therefore good penetration of air and liquids.
- The belt consists of only one level, therefore low risk of clogging and easy to clean.
- Form-locking drive through toothed rollers.
- Good belt guidance.
- Relatively small roller diameters.
- Smooth surface.

MATERIALS

Unalloyed/low-alloy steels, bright or galvanized, spring steel, stainless and acid-resistant chrome and chrome-nickel steels as well as heat-resistant chrome and chrome-nickel steels.

Further materials on request.

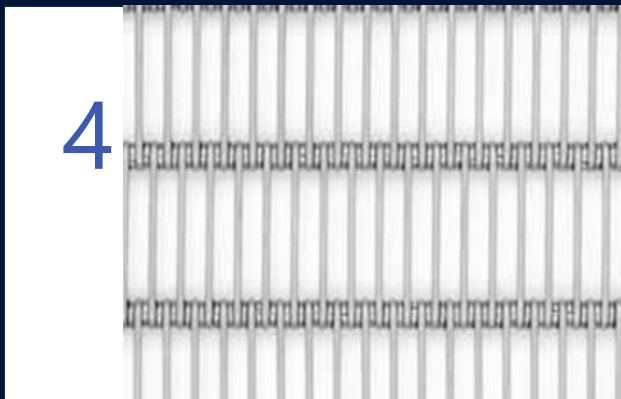
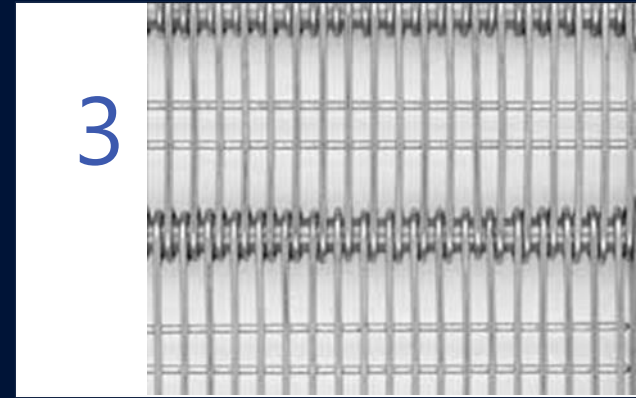
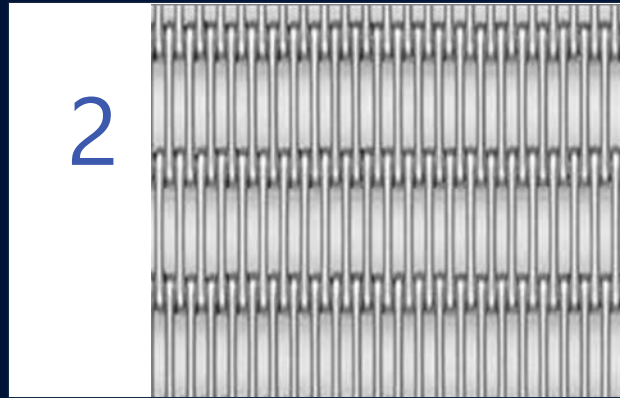
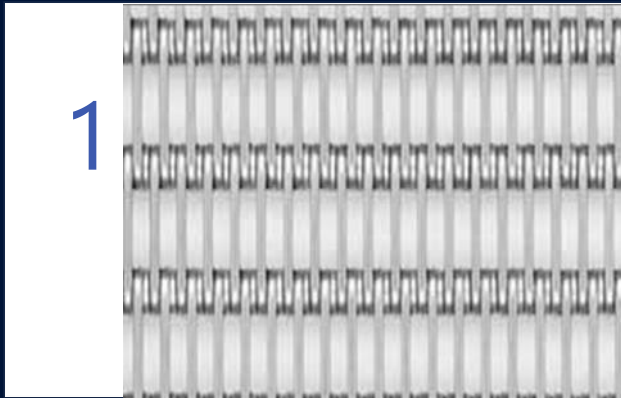
WIRE-LINK BELT



B = Belt width
 d = Eyelet wire thickness
 D = Cross bar thickness
 T = Pitch
 S = Gap width

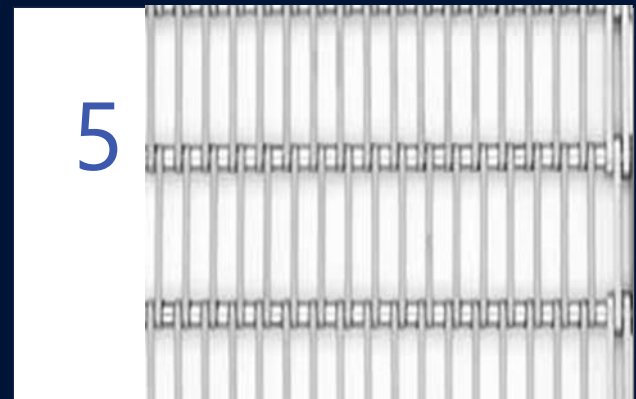


WIRE-LINK BELT



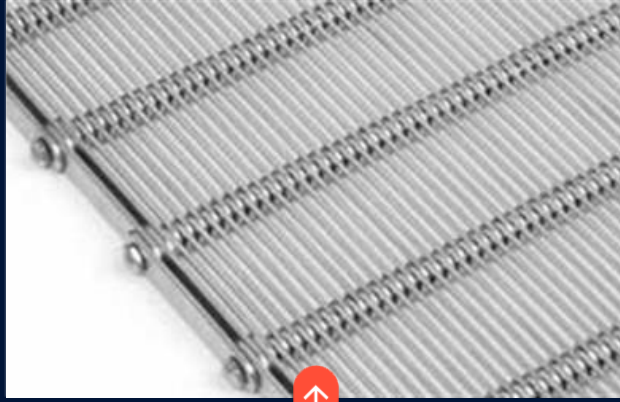
FISSION PROTECTION

- ① WIRE RINGS
- ② EYE TO EYE
- ③ UNDERWELDED CROSSBAR
- ④ WIRE RINGS
- ⑤ COTTLE



WIRE-LINK BELT

EDGE FINISHES



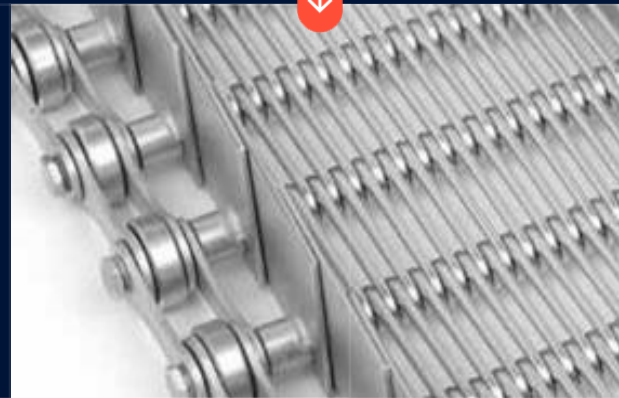
Z = HOLLOW PIN CHAIN WIRE

800/RZK with supported gutter edge and hollow pin chain



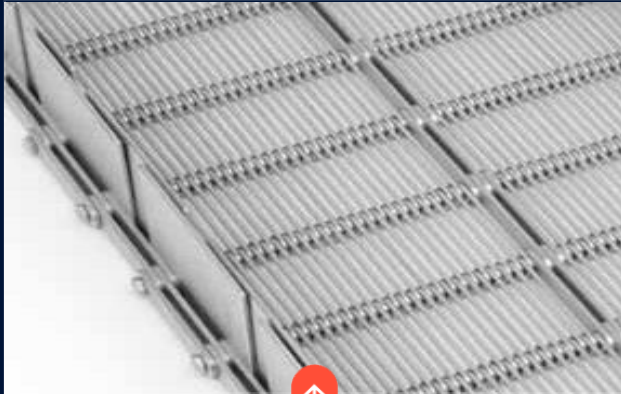
La = LAMELLED EDGE

800/LaK with double lamella edge and welded top edge

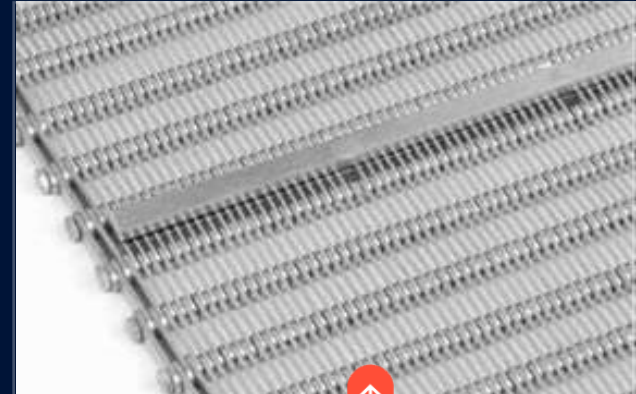


WIRE-LINK BELT

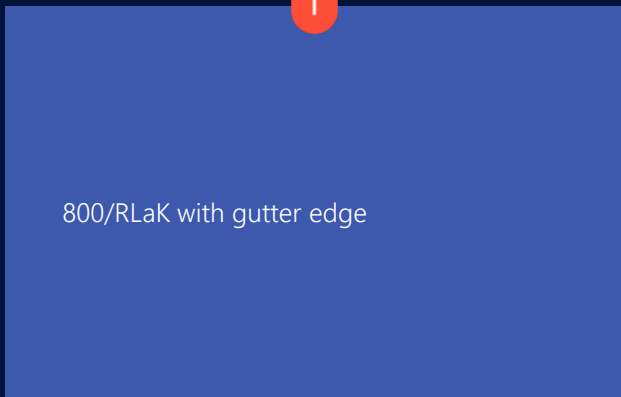
SPECIAL VERSIONS



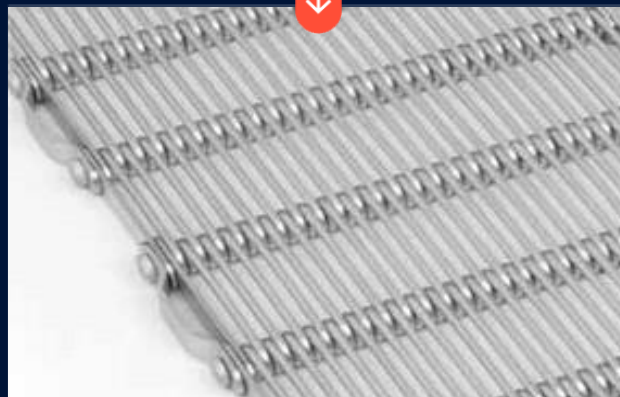
800/LaK with special blades to protect the welding heads



800/LaK with driver rail



800/RLaK with gutter edge



GUTTER EDGES FOR SIDE DEMARCATION DRIVER IN VARIOUS DESIGNS

WIRE-LINK BELT

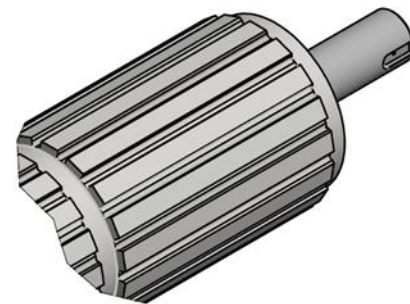
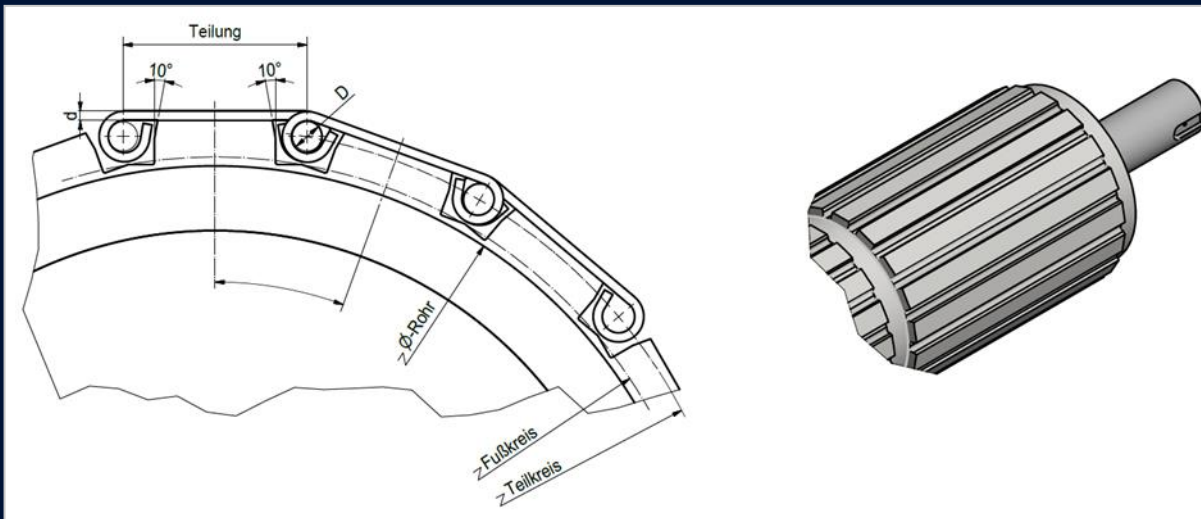
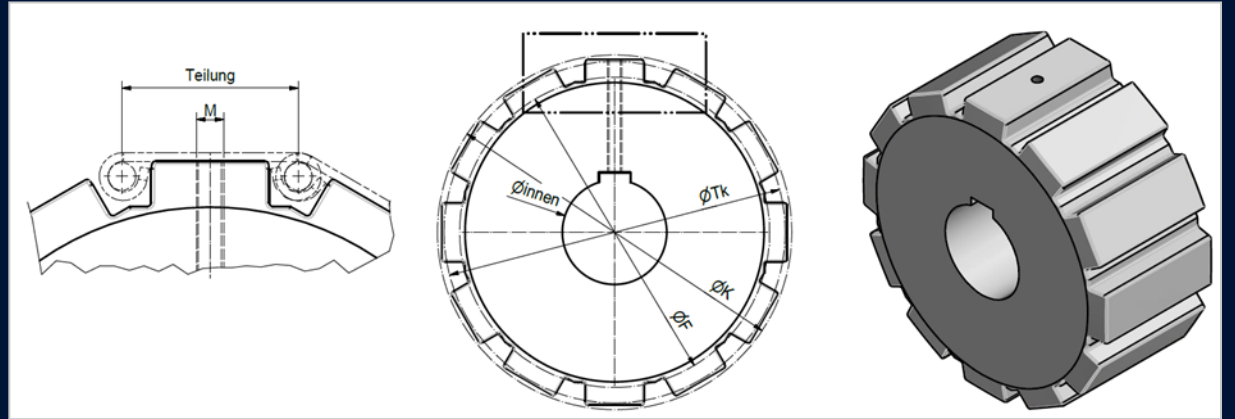
INDICATIVE VALUES FOR STANDARD DESIGNS OF GROUP 800

	from (mm)	to (mm)
Ø Wire eyelet	1.6	5.0
Ø Cross bar	5.0	12.0
Division	19.05	100.0



WIRE-LINK BELT

DRIVE ROLLERS AND DRIVE WHEELS FOR WIRE-LINK BELTS



Both the drive rollers and the deflection rollers should be designed with a toothing for positive engagement.

In the area of the slatted strands, the rollers should be provided with a free rotation or, if driving wheels are used, they should be mounted with a clearance.

Belts with side chains can be driven by means of sprockets. Depending on the width of the belt, additional support discs must be provided on the shaft.