

Woven Conveyor Belt

TBA Series, TBB, TBC, TBD Series

Product Details

Woven conveyor belts show a variety of sizes, models and materials according to the size, type and working environment of the product it carries. Packaging, transfer, transportation, annealing, heat treatment, cooking, frying, drying and cooling are among the preferred areas in the use of conveyor belt.

It is varied according to the number of spirals used on an axis and whether the rod passing through the spiral is flat or bended, as well as special edge endings suitable for the purpose of the line. T-Bant helps the customer choose the right type of conveyor belt and material according to working conditions, shape, size and weight of the product to be transported.

Properties

-  Wide range of materials
-  Multiple design and model options
-  Simple installation, easy maintenance and repair
-  Small radius providing easy transfer
-  Economic
-  Easy-to-clean hygienic design
-  Project designing



Materials

AISI 304: Temperature up to 450°C

AISI 310: 310S- 314 -- Temperatures up to 1200°C

AISI 316: 5 Resistance to heat up to 550°C, salt and acid (corrosion) resistance

Galvanized and copper coated, 24MnB4 materials: → No corrosion resistance. Heat up to 200- 250°C

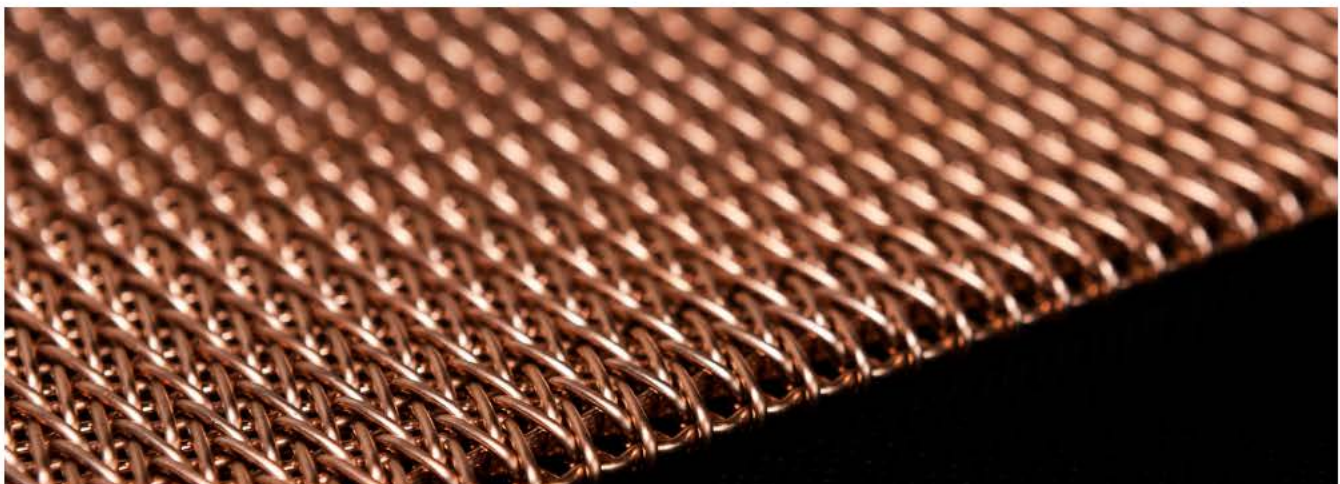
Since all materials are bright and have a smooth surface, they do not stick to the product during contact.

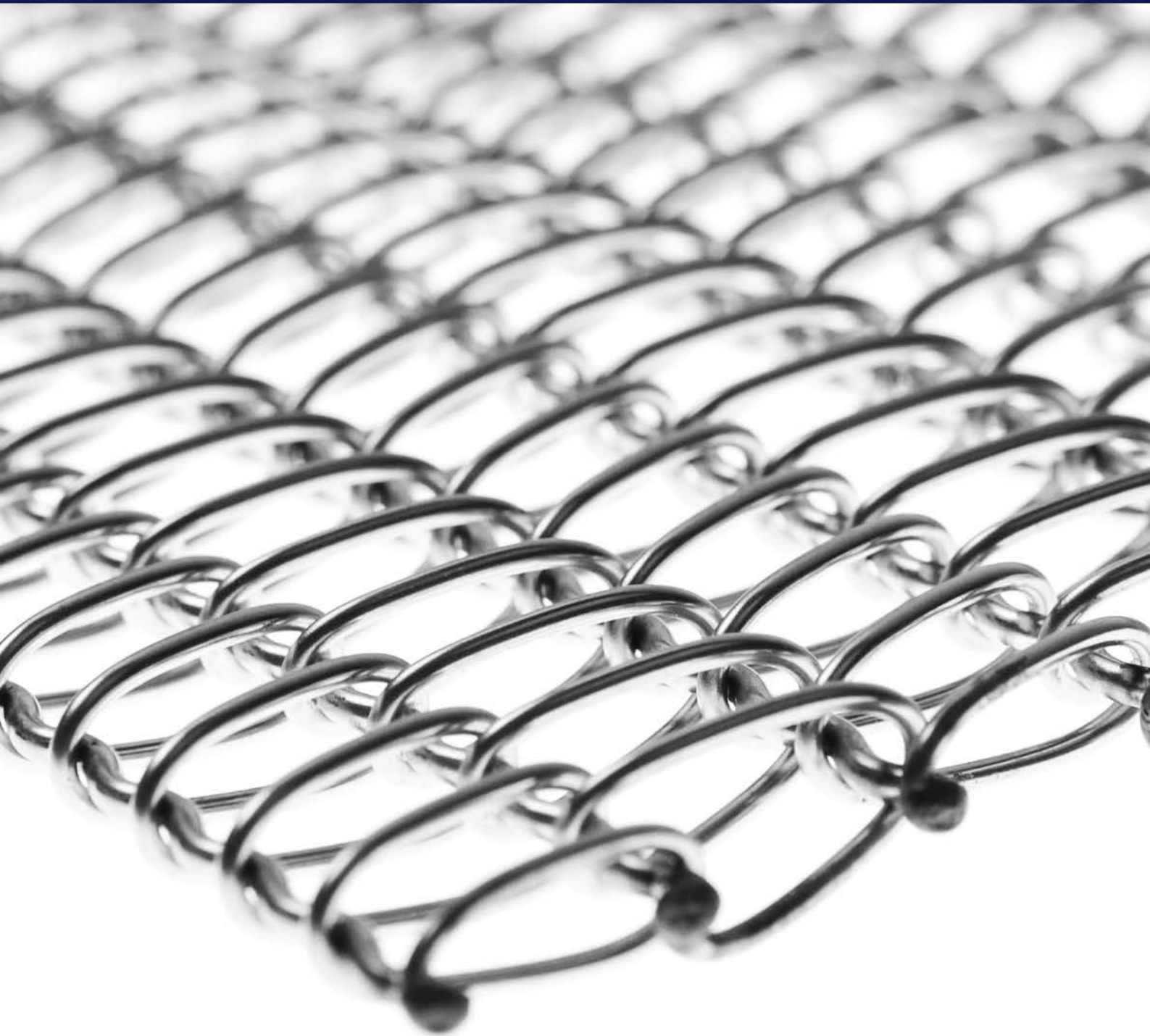
Dimensions

Maximum size restriction : Up to 6000mm wide. Get in touch for wider requests.

Main Uses

- Biscuit, crackers, cake baking and cooling lines
- All kinds of product transfer and automation lines
- Meat, chicken and fish cooking, frying, paneling, cooling lines
- Shrink (packaging) lines
- Annealing and heat treatment conveyor belts (connection equipment, automotive parts)
- Wafer, pita, pizza cooking ovens
- Architectural mesh

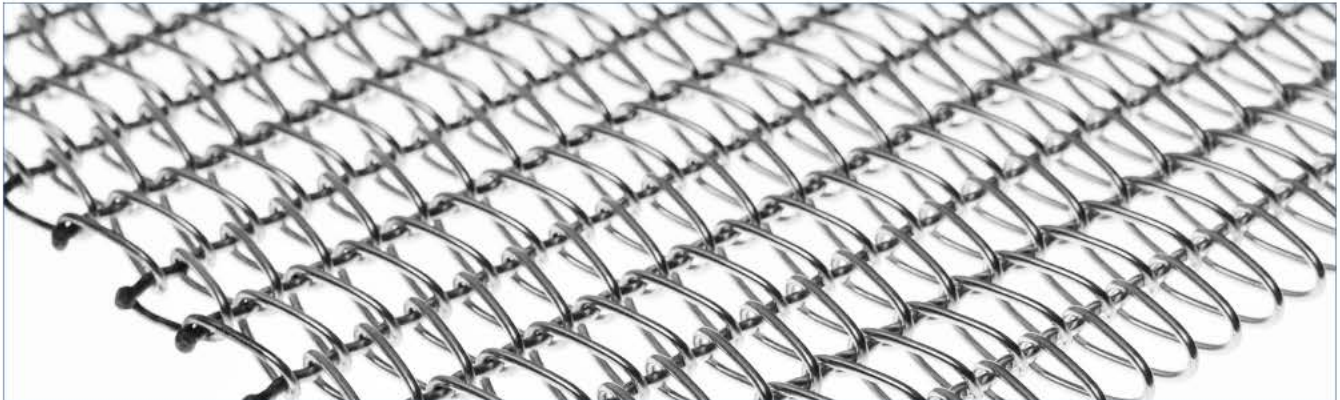




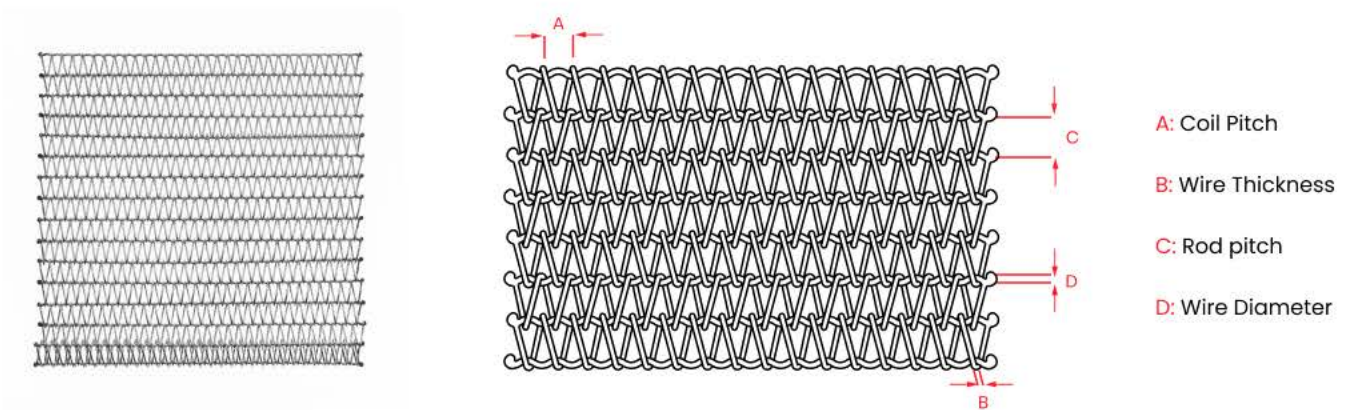
TBA SERIES

This series, which is one of the standard wire conveyor belts, is very preferred due to its functionality and economic aspects. They have a very wide range of scales and a choice of materials. The spirals of TBA series conveyor belts used in various sectors are processed with banded rods to ensure drive balance. Edge ends are usually welded. Please contact us if special manufacturing is required. Production can be done with one-way or two-way (balanced) spirals.

TBA1



Technical Properties

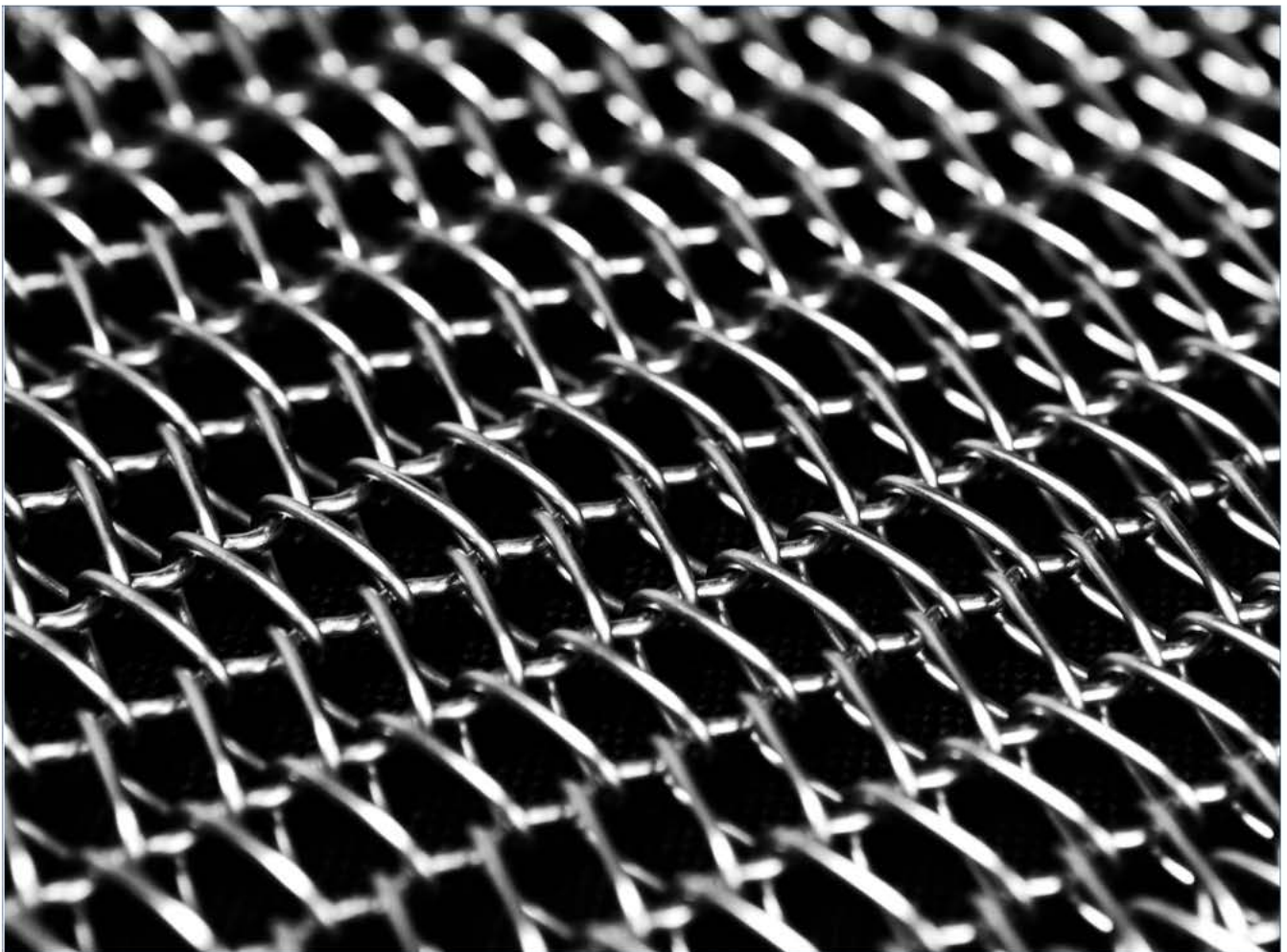


Dimensions

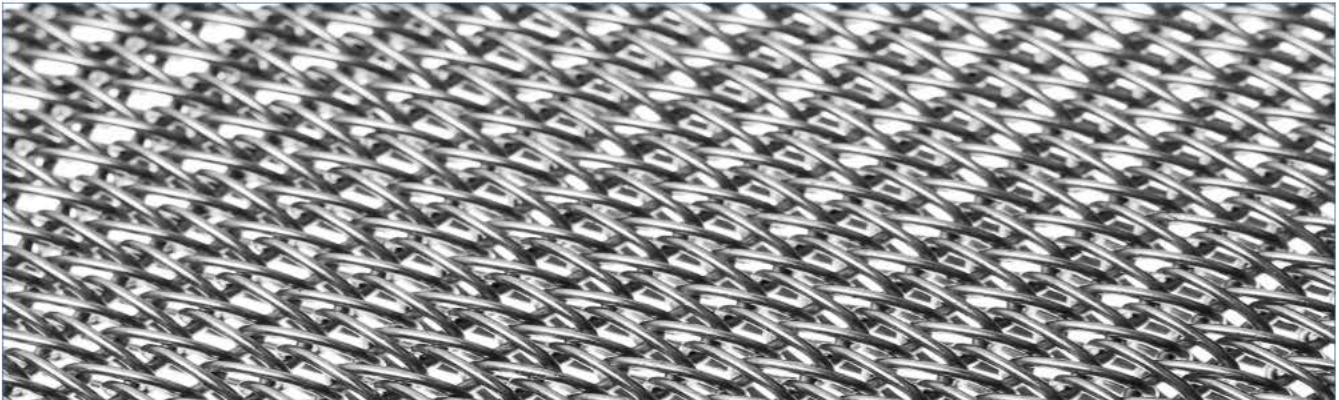
You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
0,8 mm	1 mm	3 4 5	3 4 6 6,35 7
1 mm	1 mm	3 4 5	3 4 6 6,35 7
1,2 mm	1,2 mm	4 5 6 8	6 6,35 7 7,5 8
1,2 mm	1,5 mm	4 5 6 8 10 11	7 7,5 8 10 11 12,7 15
1,5 mm	1,5 mm	5 6 8 10 11	8 9 9,5 10,5 12,7 15 17 19 21
1,7 mm	2 mm	8 8,5 10 11 13	15 17 19 21
2 mm	2 mm	8 8,5 10 11 13 15	15 17 19 21 25

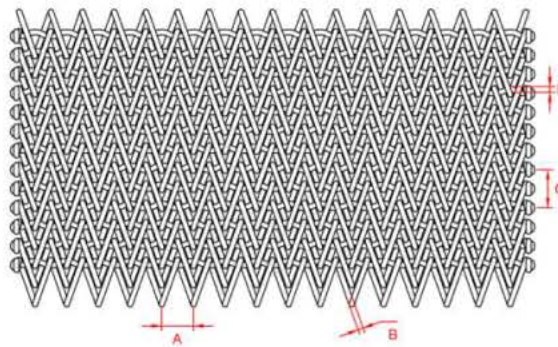
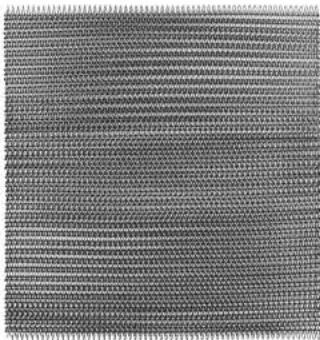
2 mm	2 mm	8 8,5 10 11 13 15	15 17 19 21 25
2 mm	2,5 mm	8 8,5 10 11 13 15	15 17 19 21 25
2,5 mm	2,5 mm	9 10 11 13 15 20 25 35	3 4 5
2,5 mm	3 mm	11 13 15 20 25 35	3 4 5
3 mm	1 mm	11 13 15 20 25 35	3 4 5
3 mm	1 mm	15 20 25 35	3 4 5
3 mm	1 mm	3 4 5	3 4 5
6 mm	1 mm	3 4 5	3 4 5



TBA2



Technical Properties



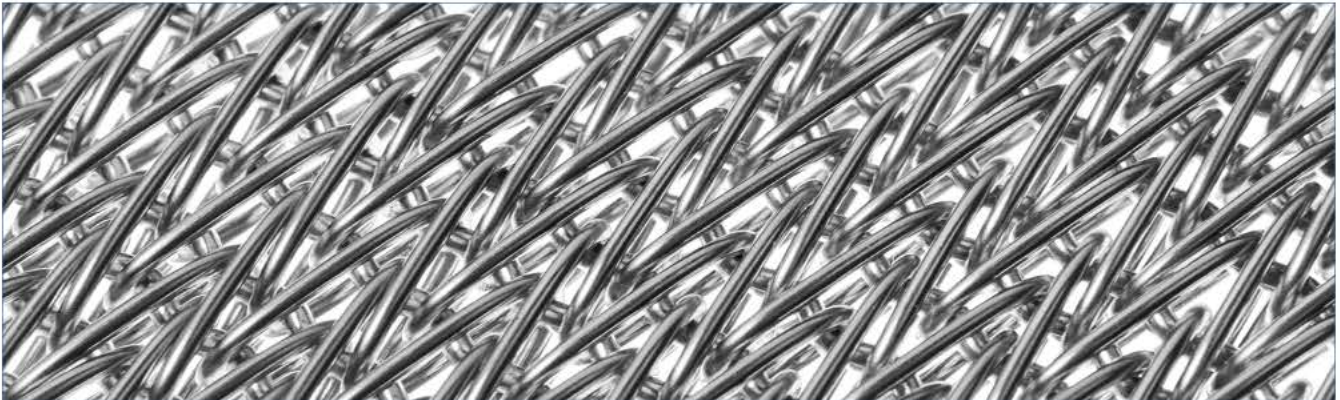
- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch
- D: Wire Diameter

Dimensions

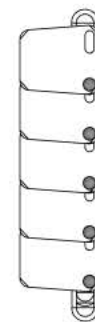
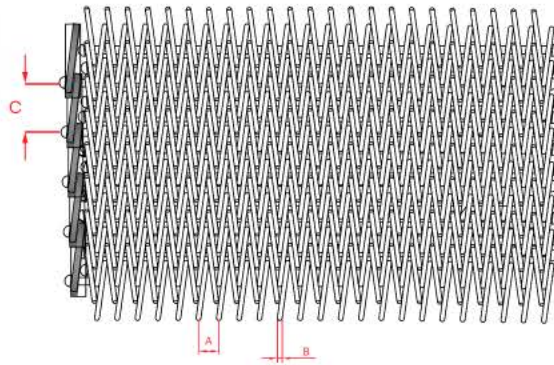
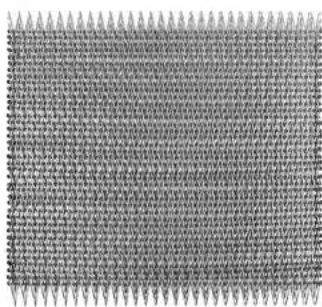
You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
0,8 mm	1 mm	4	4 5 6
1 mm	1 mm	4	6 6,35 7
1 mm	1,2 mm	4	6 6,35 7
1,2 mm	1,5 mm	4	6 6,35 7
1,5 mm	1,5 mm	5	7,5 8 9 10,5
1,5 mm	2 mm	8 9 10 11	12,7 15 17
2 mm	2 mm	8 9 11	12,7 15 17 19

TBA3



Technical Properties



- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch
- D: Wire Diameter

Dimensions

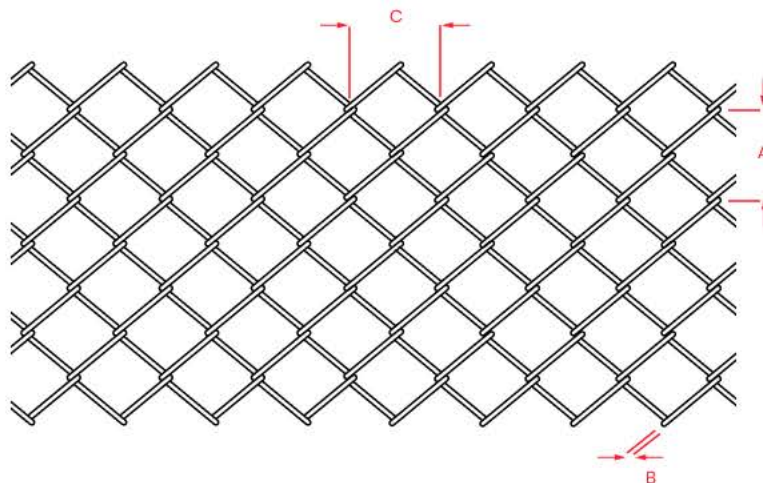
You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
1 mm	1,2 mm	4	8
1 mm	1,2 mm	5	8 9

TBB



Technical Properties



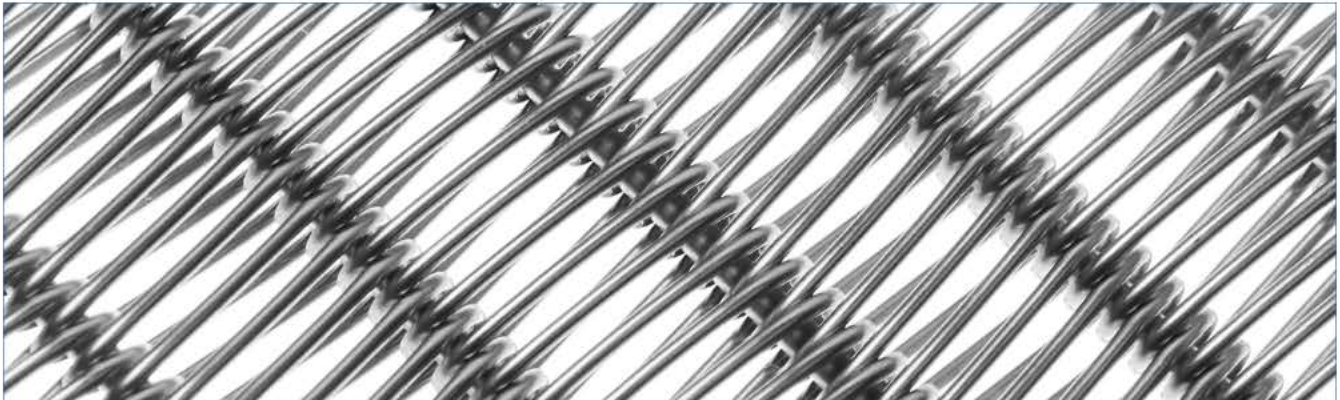
- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch

Dimensions

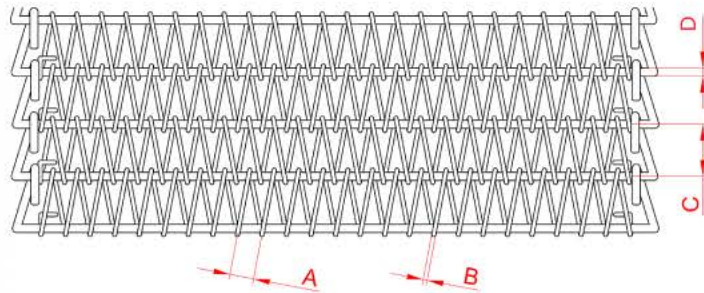
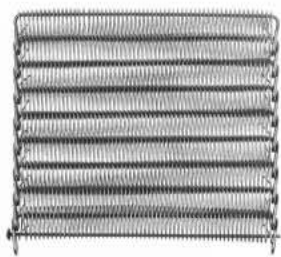
You can contact us for details and support.

Wire Thickness	Coil Pitch	Cross Wire (Rod) Pitch
0,8 mm	3	3
1 mm	5 9	9
1,2 mm	9 12 15	9 12 15
1,2 mm	9 12 15 20 25	9 12 15 20 25
1,8 mm	9 15 20 25	9 15 20 25
2 mm	9 15 20 25	9 15 20 25

TBC



Technical Properties

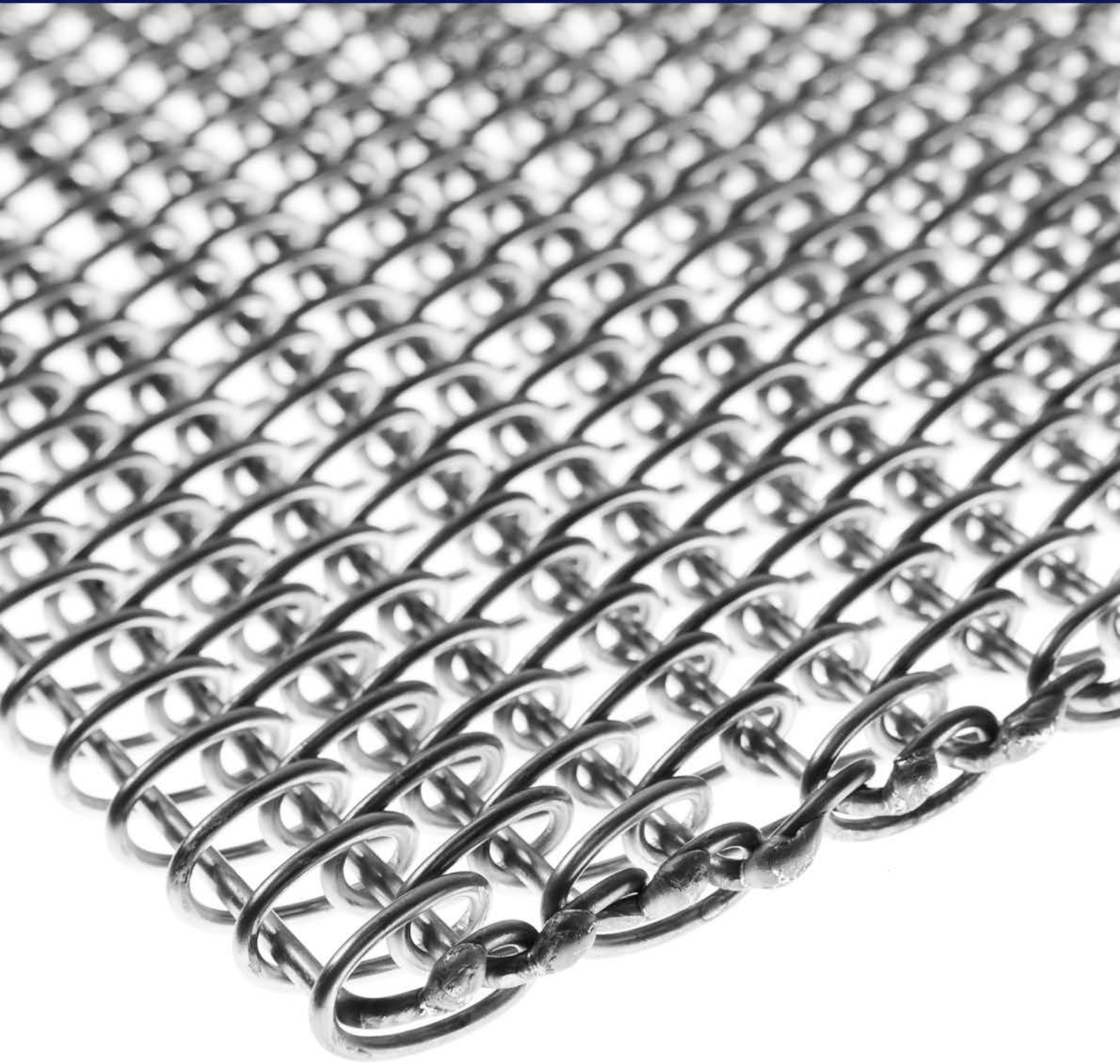


- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch
- D: Wire Diameter

Dimensions

You can contact us for details and support.

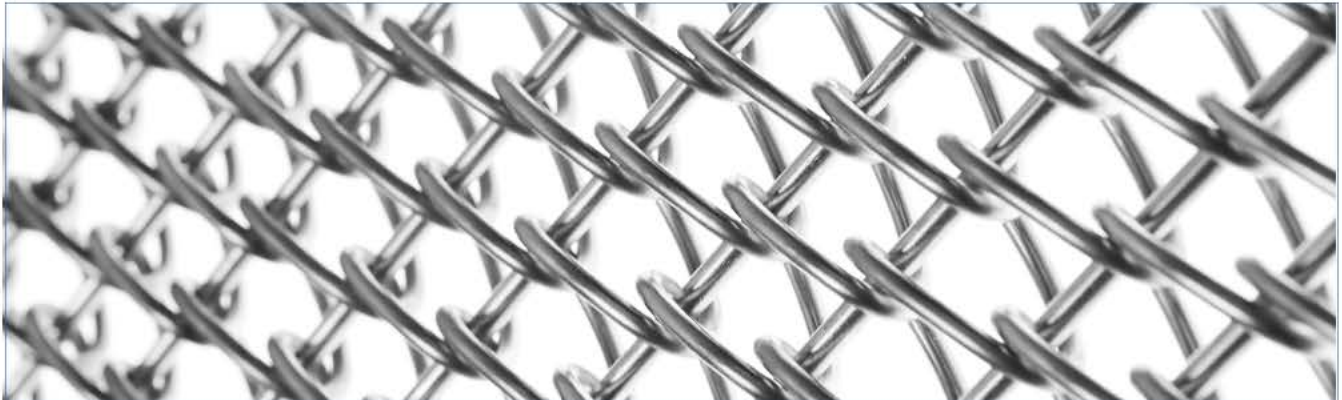
Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
1 mm	2 2,5	2 3	12,7 16,5
1,2 mm	2 2,5	2 3 4	12,7 16,5 19 21
1,5 mm	2 2,5	3 5 8 10 20	12,7 16,5 18 21
2 mm	2,5 3	6 9 11 15	16,5 19 21 30
2,5 mm	3 4	6 8	21 30



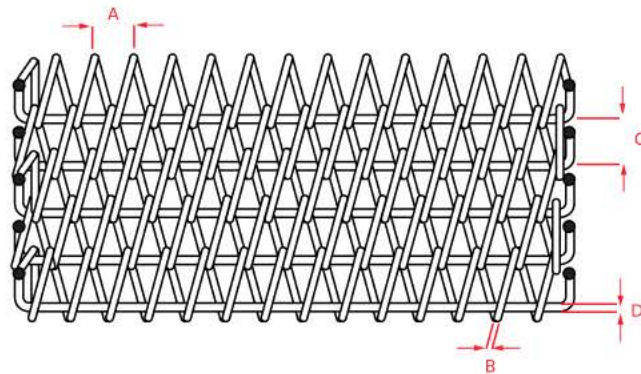
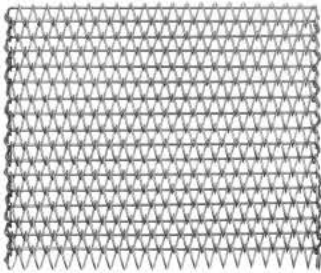
TBD SERIES

Unlike the TBA series, it is produced with straight rods (cross wire). This process both reduces the amount of elongation in heat treatment bands and helps maintain balance in a continuously high temperature environment. It is generally preferred in annealing lines, soldering, sintering and general heat treatment furnaces. According to the conditions of the working environment AISI310 or AISI314 which is high heat resistant, and contains high nickel and chromium is preferred. Side plate and lattice systems are preferably made to support the edge finishes and control the product.

TBD1



Technical Properties



- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch
- D: Wire Diameter

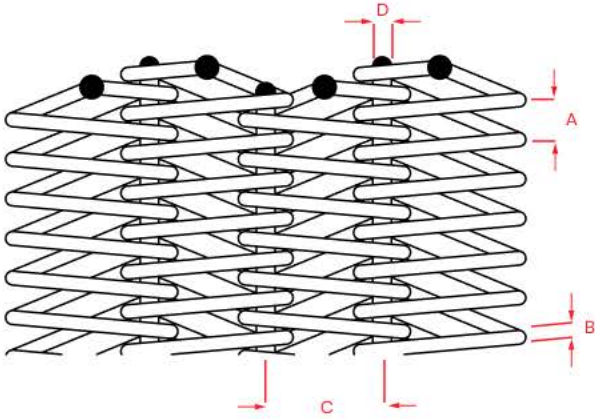
Dimensions

You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
1,2 mm	3 mm	3	13
2,5 mm	3 mm	13	16
3 mm	4 mm	17	21
3 mm	5 mm	17	21
4 mm	5 mm	17	21

TBD2

Technical Properties



- A: Coil Pitch
- B: Wire Thickness
- C: Rod Pitch
- D: Wire Diameter

Dimensions

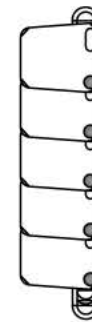
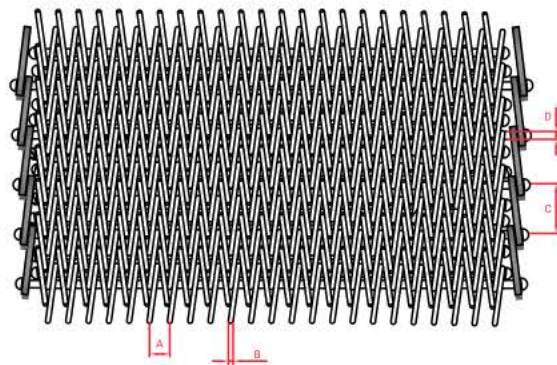
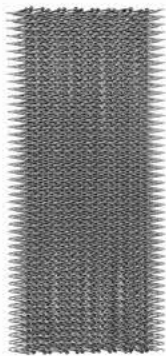
You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
3 mm	4 mm	17	21
3 mm	4 mm	25	31
4 mm	5 mm	25	31

TBD3



Technical Properties



- A:** Coil Pitch
 - B:** Wire Thickness
 - C:** Rod Pitch
 - D:** Wire Diameter
- Side plates are optional.*

Dimensions

You can contact us for details and support.

Wire Thickness	Rod Thickness	Coil Pitch	Cross Wire (Rod) Pitch
1,5 mm	2,5 mm	6	16