



TECHNICAL SPECIFICATION

FLAT WIRE / HONEYCOMB BELT

Dimensions in mm and in
Configuration options and drive interfaces

PROVEN · STABLE · VERIFIED



A manufacturer supporting your belt specification

Ningjin Yiyi Mesh Belt Co., Ltd.

YIYI MESH BELT manufactures metal conveyor belts and related conveyor components in Ningjin, Shandong, China.

Manufacturing experience since 1998.
Current company established in 2008.

OEM equipment builders, professional distributors and replacement-belt buyers can submit drawings and application details for engineering review.

Custom projects: drawing approval, trial production and final inspection before shipment.



Typical applications

Typical uses in baking and food processing lines. Configuration is confirmed on the approved equipment drawing.

01

BAKING

For conveying products in baking lines. Material, strip size and edge construction are selected for the oven design.

02

COOLING

For product cooling on conveyor lines. Mesh pitch and belt width follow the approved equipment drawing.

03

DRYING

For drying lines. Opening count, strip size and rod pitch are selected for the product and airflow requirements.

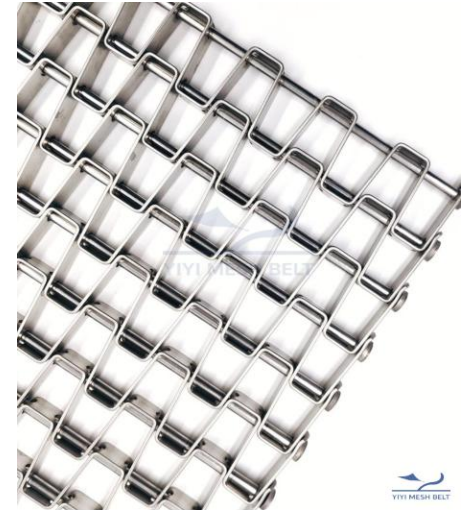
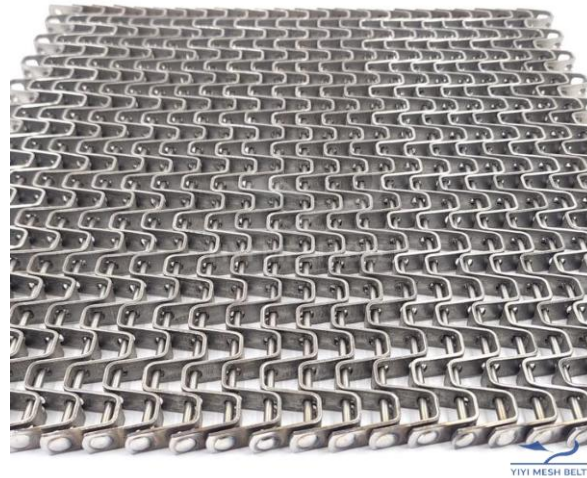
04

WASHING

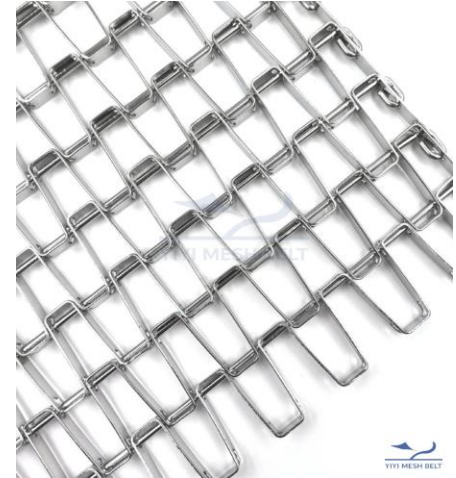
For conveying products through washing sections. Material and surface treatment are selected for the process conditions.

Suitability depends on the belt specification, material, operating conditions and equipment design.

Construction and surface details



Additional product configurations



Dimensional options

Parameter	Metric (mm)	Inch (in)
Mesh pitch	12.7–40	0.500–1.575
Rod pitch	12.7 / 25.4 / 27.4 38.1 / 50.8	0.500 / 1.000 / 1.079 1.500 / 2.000
Rod diameter	3 / 4 / 5 6 / 8	0.118 / 0.157 / 0.197 0.236 / 0.315
Flat strip size (A × B)	1.2 × 9.5 / 1.2 × 10 1.42 × 9.4 / 1.6 × 12 1.6 × 12.7 / 2.8 × 16	0.047 × 0.374 / 0.047 × 0.394 0.056 × 0.370 / 0.063 × 0.472 0.063 × 0.500 / 0.110 × 0.630
Belt width	200–4000	7.87–157.48
Belt length	To approved drawing	To approved drawing

Listed options require project selection. Custom dimensions follow the approved drawing.

1 in = 25.4 mm. Inch equivalents are rounded references, not manufacturing tolerances.

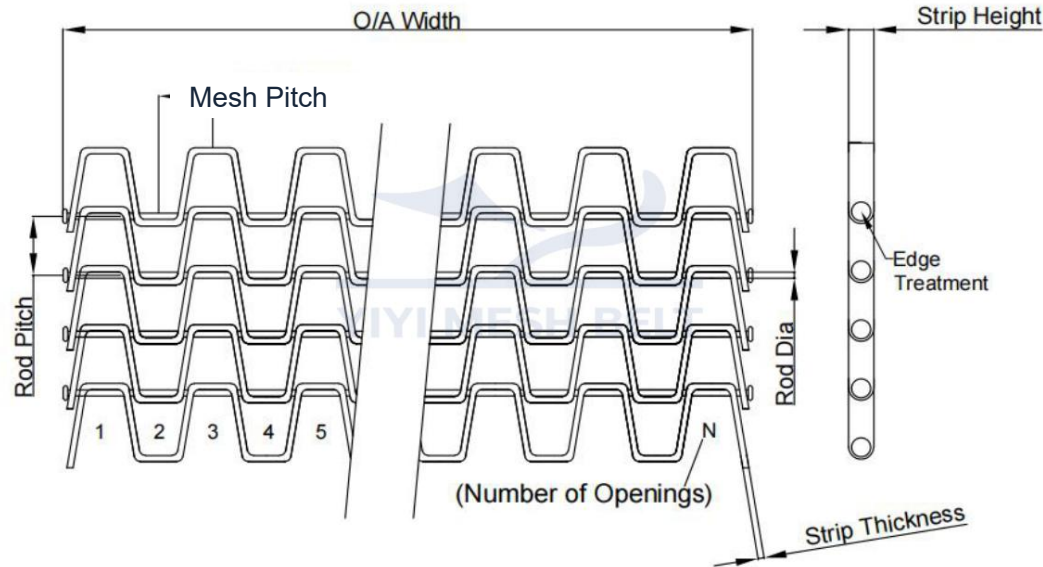
Materials and configuration options

Parameter	Selection
Material	SUS 304 / SUS 316 / SUS 316L / mild steel
Opening count	Custom odd number, counted as shown in the drawing
Edge construction	Washer welded / clenched / rod welded
Surface treatment	Mill finish / pickling / electropolishing
Accessories	Side guards / center flights, according to the project drawing
Strip-size datums	Confirm strip thickness and height for the selected A × B size

Select materials, geometry and components together for the application and approved drawing.

Dimensional references and equipment interfaces

Drawing requirements



Mesh pitch corresponds to the transverse pitch in the reference drawing.

Confirm strip thickness, strip height, rod pitch and the number of openings.

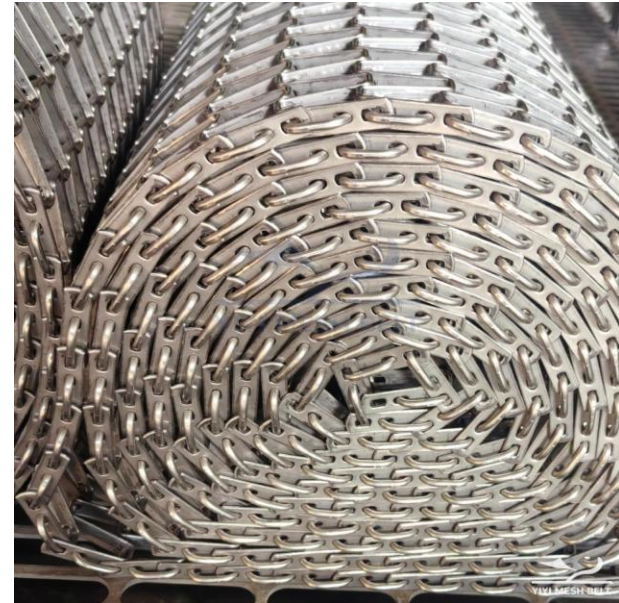
Specify overall width, edge construction and drive interfaces.

Dimensioned customer drawings define the final geometry, tolerances and component interfaces.

Edge treatment options



WASHER WELDED



CLENCHED

Edge treatment options



ROD WELDED



ROD WELDED

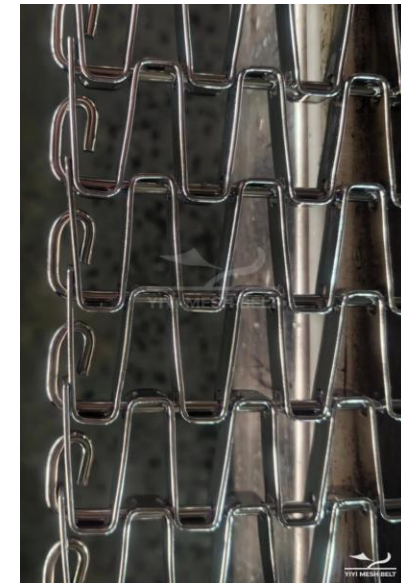
Surface treatment options



MILL FINISH (MILD STEEL)



PICKLING



ELECTRO-POLISH

Accessories and construction options



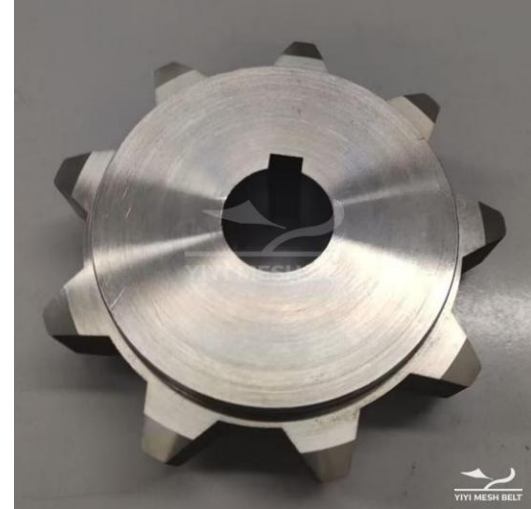
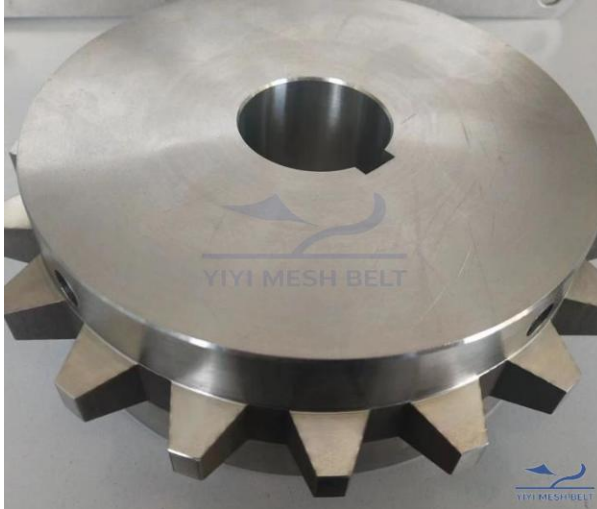
WITH SIDE GUARD

Accessories and construction options



CENTER FLIGHT

Matching sprockets



SUS 304 / SUS 316

Confirm belt pitch, tooth count, bore, keyway and mounting dimensions (mm / in).
Match the sprocket profile and material to the approved equipment drawing.

Matching sprockets



NYLON / UHMWPE / POM

Confirm belt pitch, tooth count, bore, keyway and mounting dimensions (mm / in).
Match the sprocket profile and material to the approved equipment drawing.



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Send Your Drawing for Specification Review

- Belt dimensions (mm / in)
- Equipment and application
- Operating conditions
- Drive and shaft details
- Existing belt photos / sample

Request an Engineering Review

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