

TECHNICAL SPECIFICATION

TRAPEZOIDAL MESH BELT

Dimensions in mm and in
Configuration options and drive interfaces

PROVEN · STABLE · VERIFIED

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Manufacturing for equipment applications

Ningjin Yiyi Mesh Belt Co., Ltd.

YIYI MESH BELT manufactures metal conveyor belts in Ningjin, Shandong, China. Manufacturing experience dates from 1998; the company was established in 2008.

Manufacturing and order control

In-house operations include wire and round-bar drawing, forming, welding, assembly and straightening.

Custom orders follow drawing approval, trial production and first-article inspection before mass production, with final inspection before shipment.



Construction and surface details



Additional product configurations



Dimensional options

Parameter	Metric (mm)	Inch (in)
Wire pitch	4–23.8	0.157–0.937
Wire diameter	1 / 1.2 / 1.3 / 1.4 1.5 / 1.6 / 1.8 / 1.9 2 / 2.3 / 2.35 / 2.5 2.8	0.039 / 0.047 / 0.051 / 0.055 0.059 / 0.063 / 0.071 / 0.075 0.079 / 0.091 / 0.093 / 0.098 0.110
Belt width	76–2352	2.99–92.60
Edge size reference	5 × selected wire diameter	5 × selected wire diameter
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
Number of spaces	Odd number, at least 3; count across the width as shown
Edge construction	SLE (single-loop edge) / DLE (double-loop edge)
Edge-size reference	The $5 \times$ wire-diameter reference requires confirmation for the selected edge
Construction options	Raised surface / flat wire / custom geometry by drawing
Drive arrangement	Confirm the drive method and any sprocket requirements

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

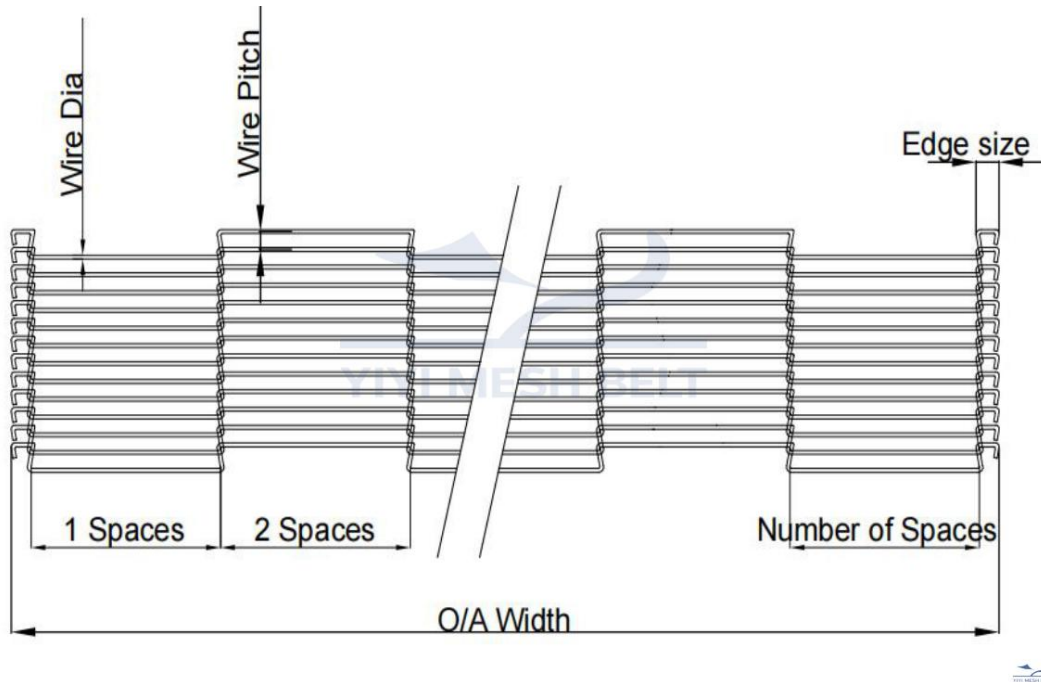
Dimensional references and equipment interfaces

Drawing requirements

Count spaces across the belt width as shown in the reference drawing.

Confirm wire pitch, wire diameter, overall width and the selected SLE or DLE edge.

The edge-size reference does not replace a dimensioned, approved drawing.



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

Edge treatment options

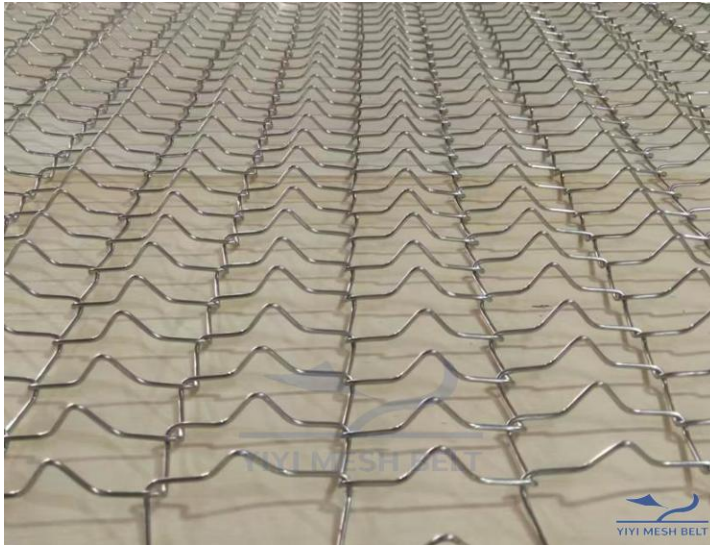


SLE (SINGLE-LOOP EDGE)



DLE (DOUBLE-LOOP EDGE)

Construction and model options



WITH RAISED SURFACE



DETAIL VIEW

Construction and model options



FLAT WIRE TYPE

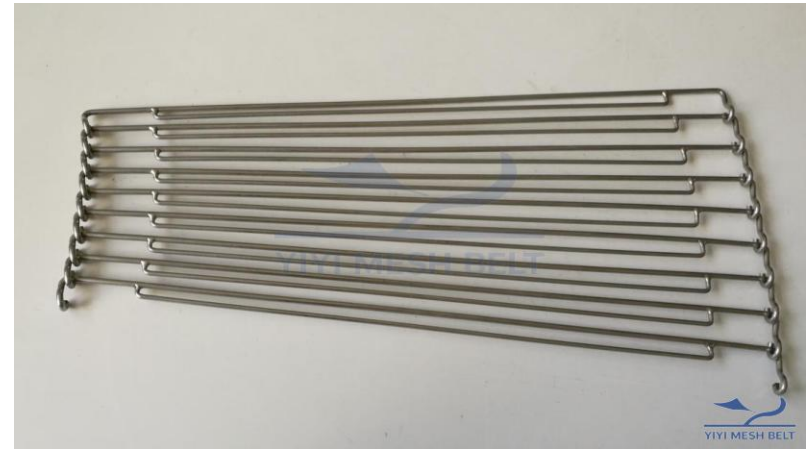


FLAT WIRE TYPE

Construction and model options



CUSTOM GEOMETRY



DETAIL VIEW

Matching sprockets



SUS 304 / SUS 316



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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for OEMs & Professional Distributors

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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