JBL MESH BELT

ENGINEERED · MATCHED · DELIVERED

Engineering-Controlled Metal Conveyor Belt Partner

TECHNICAL SPECIFICATION

PLATE LINK BELT

Reference specifications and customizable configurations

REVIEW V2 • JBL-PL-TS • 2026-09-21



OUR PRODUCT CAPABILITIES

Plate Link Belt - Reference specification overview

Parameter	Reference options
Material	SUS304 / SUS316 / Mild Steel
Plate Pitch	25.4 mm (1.000 in) / 31.75 mm (1.250 in) / 38.1 mm (1.500 in) / 50.8 mm (2.000 in) / 63.5 mm (2.500 in)
Plate Thickness	1.0 mm (0.039 in) / 1.2 mm (0.047 in) / 1.5 mm (0.059 in) / 2.0 mm (0.079 in) / 2.5 mm (0.098 in)
Rod Diameter	5 mm (0.197 in) / 6 mm (0.236 in) / 8 mm (0.315 in) / 10 mm (0.394 in)
Chain Pitch	25.4 mm (1.000 in) / 31.75 mm (1.250 in) / 38.1 mm (1.500 in) / 50.8 mm (2.000 in) / 76.2 mm (3.000 in)
Perforation*	None / Hole diameter 5-8 mm (0.197-0.315 in)
Belt Width	300-4000 mm (11.81-157.48 in); custom widths
Belt Length	Custom (m or ft)
Edge Treatment	Washer Welded / Cotter Pin
Accessories	None / Raised Points / Flights / Side Plates
Sprockets	Supply optional; matched to the project drawing

CUSTOM SPECIFICATIONS

All specifications can be customized.

Dimensions, materials, perforation patterns and accessories can be tailored to your equipment and operating requirements.

Send us your drawing, photos or required dimensions.

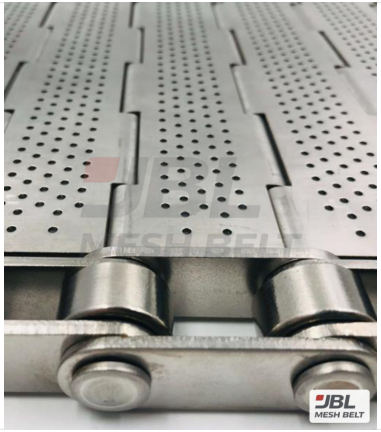
* Confirm the perforation pattern and applicable combinations. Plate pitch and chain pitch require separate matching to the project drawing. Inch values are rounded references. Final dimensions and tolerances follow the approved project drawing.

PERFORATED PLATE SURFACE

PRODUCT CONFIGURATIONS & APPLICATIONS







Perforated plate surface

FOOD PROCESSING

Continuous food conveying requiring stable support and project-specific material selection.

INDUSTRIAL CONVEYING

Plate-link conveying matched to equipment design, drive requirements and product load.

Custom specifications are available to suit your equipment and application requirements.

Share your belt photos, drawings or operating conditions with JBL Mesh Belt for review.

Application suitability depends on belt configuration, materials and operating conditions.

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SOLID PLATE SURFACE







TECHNICAL SPECIFICATIONS

Reference specifications. All specifications can be customized.

Belt Type	Plate Link Belt
Material	SUS304 / SUS316 / Mild Steel
Plate Pitch	25.4 mm (1.000 in) / 31.75 mm (1.250 in) / 38.1 mm (1.500 in) / 50.8 mm (2.000 in) / 63.5 mm (2.500 in)
Plate Thickness	1.0 mm (0.039 in) / 1.2 mm (0.047 in) / 1.5 mm (0.059 in) / 2.0 mm (0.079 in) / 2.5 mm (0.098 in)
Rod Diameter	5 mm (0.197 in) / 6 mm (0.236 in) / 8 mm (0.315 in) / 10 mm (0.394 in)
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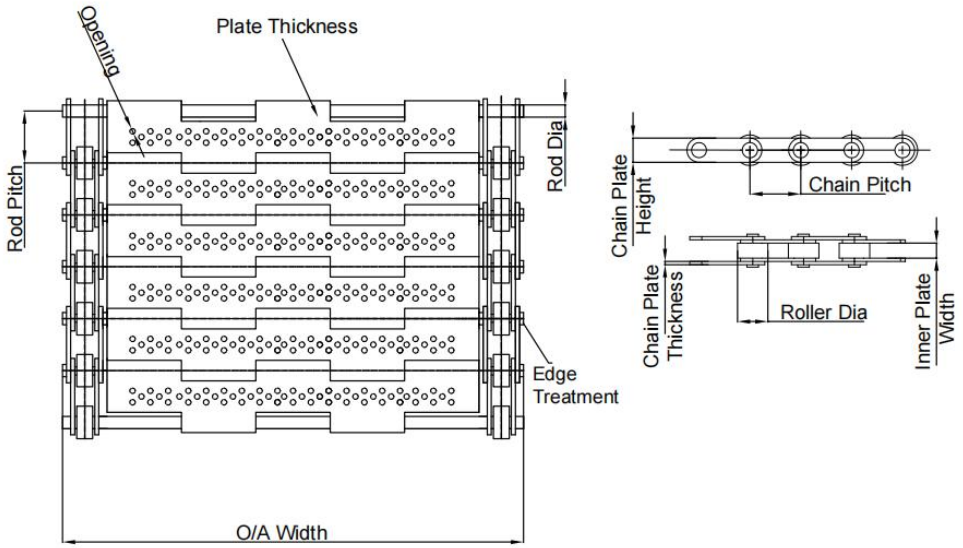
Perforation*	None / Hole diameter 5-8 mm (0.197-0.315 in)
Belt Width	300-4000 mm (11.81-157.48 in); custom widths
Belt Length	Custom (m or ft)
Edge Treatment	Washer Welded / Cotter Pin
Accessories	None / Raised Points / Flights / Side Plates
Sprockets	Supply optional; material, tooth count, bore and keyway follow the project drawing



Confirm the relationship between drawing Rod Pitch and table Plate Pitch.

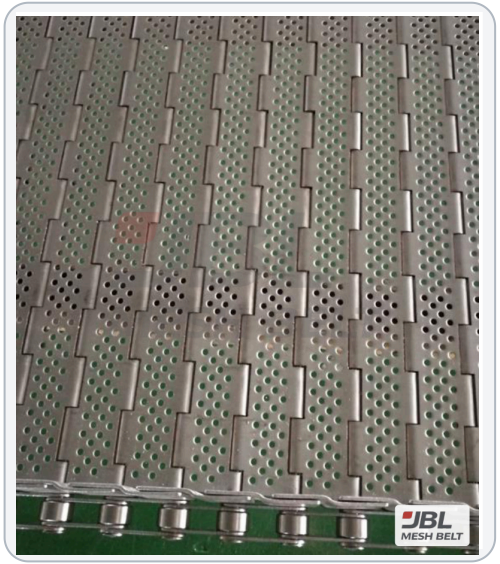
* Confirm the perforation pattern. Reference ranges and combinations depend on the structure and project drawing.

MATERIAL OPTIONS

Select material to suit temperature, corrosion exposure, hygiene and load requirements.



SUS304



SUS316



Mild Steel

Reference material labels retained. Confirm grade and surface finish against the project records.

PITCH REFERENCE EXAMPLES

Match plate pitch and chain pitch to the selected structure and sprocket design.



31.75 mm (1.250 in) (photo reading)



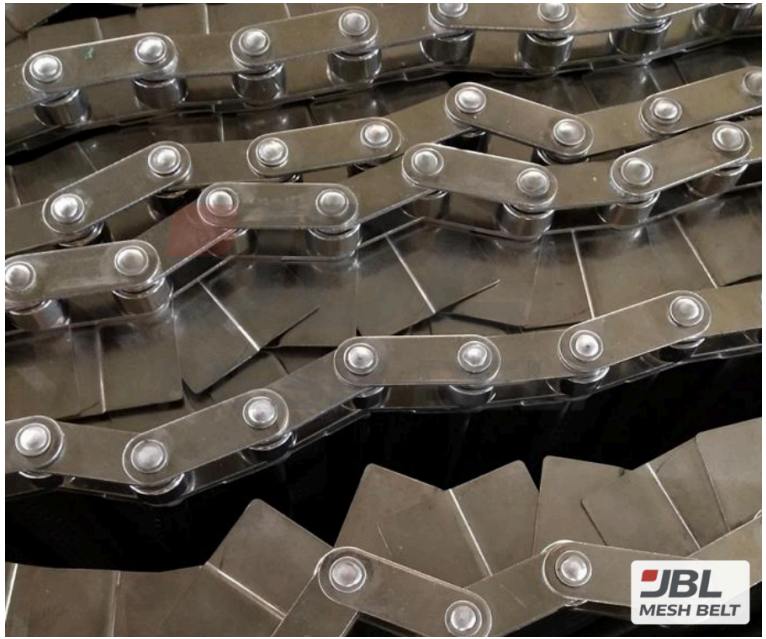
50.8 mm (2.000 in)



63.5 mm (2.500 in)

Photo readings are reference examples. Confirm plate pitch, chain pitch and their measurement points.

SPEC 04 EDGE TREATMENT OPTIONS



Washer Welded



Cotter Pin

Confirm rod retention, washer dimensions, pin details and edge clearances against the project drawing.

ACCESSORY OPTIONS

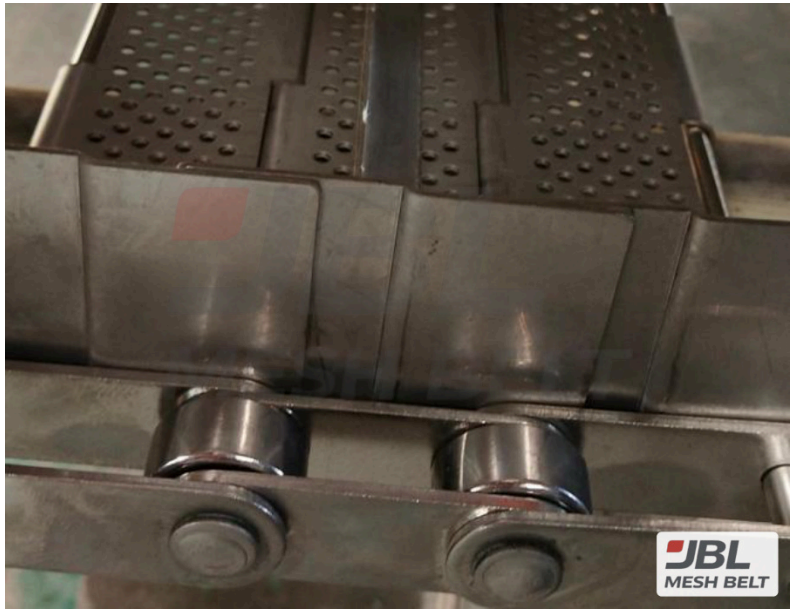




Raised Points

Confirm raised-point height, spacing and surface pattern against the project drawing.

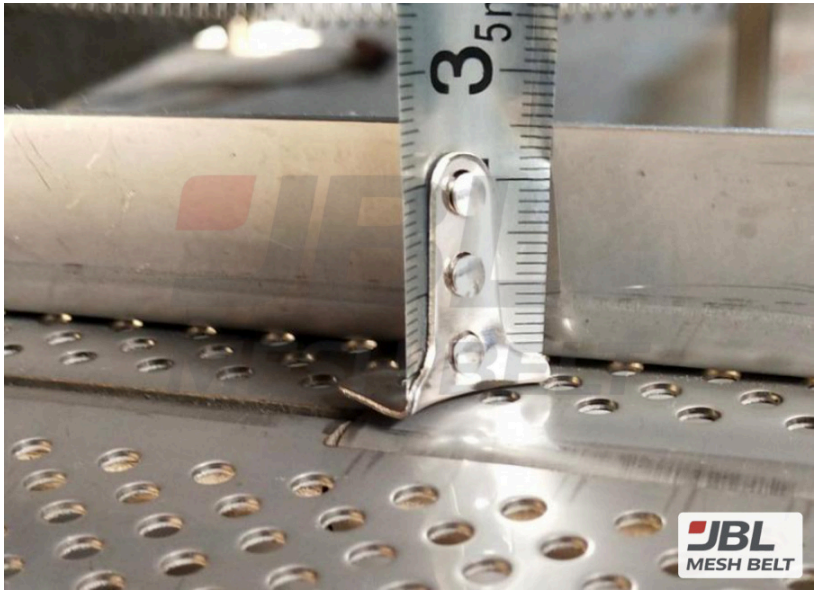




Side Plates

Confirm side-plate height, thickness, overlap and clearance against the project drawing.

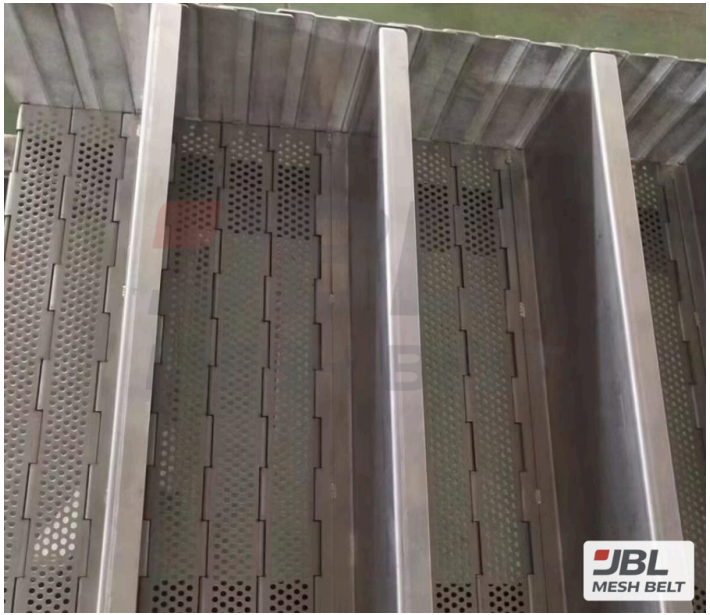




L-Type Flight

Confirm flight profile, height, spacing and attachment details against the project drawing.





Z-Type Flight

Confirm flight profile, height, spacing and attachment details against the project drawing.

SPEC 06 MATCHING SPROCKETS









SUS304 / SUS316 - Plate Link Belt Sprockets

Confirm pitch, tooth profile, tooth count, material, bore, keyway and mounting details against the project drawing.

SPEC 06 MATCHING SPROCKETS









Mild Steel - Plate Link Belt Sprockets

Confirm pitch, tooth profile, tooth count, material, bore, keyway and mounting details against the project drawing.

JBL MESH BELT

ENGINEERED · MATCHED · DELIVERED

Engineering-Controlled Metal Conveyor Belt Partner

START A PROJECT WITH JBL

Engineering-Controlled Metal Conveyor Belt Partner
Plate Link Belt · Custom Configurations

Engineered · Matched · Delivered

Send your drawing, belt photos or required dimensions.

WHY BUYERS CAN TRUST JBL

PROJECT	CUSTOM
EXPERIENCE	**SPECIFICATIONS**
Specifications from customer projects	*Tailored to your equipment and application*

TECHNICAL SUPPORT

Application Review	**Drawings, dimensions and operating conditions**
Specification Alignment	**Belt, edge configuration and sprocket matching**
Project Follow-up	**Specification confirmation and order follow-up**

GET IN TOUCH

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