JBL MESH BELT

ENGINEERED · MATCHED · DELIVERED

Engineering-Controlled Metal Conveyor Belt Partner

TECHNICAL GUIDE · EDGE STYLES

Edge Styles: What the Edge Does on Your Line

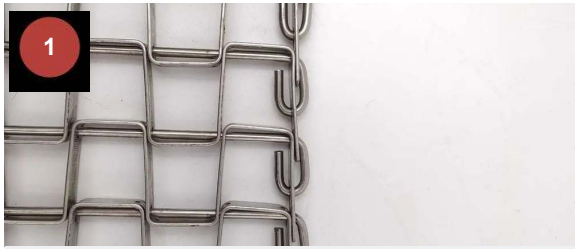
The edge meets the drive, the guides or the drum. Six edge types, each shown on a real project with its readings.

Clenched · washer-welded · chain · roller-chain · edge loop · spiral edge links



Six edge types on real projects

Read on your belt or drawing. Any edge change is confirmed before production.



Clenched edge · Australia



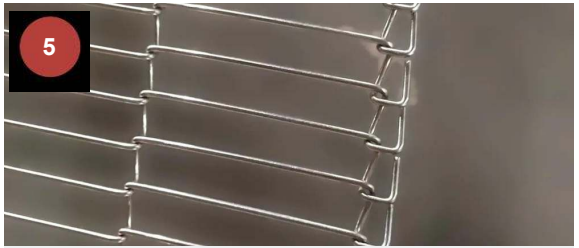
Washer-welded edge · USA



Chain edge, guide rollers · Australia



Roller-chain edge · Spain



Edge loops · Australia



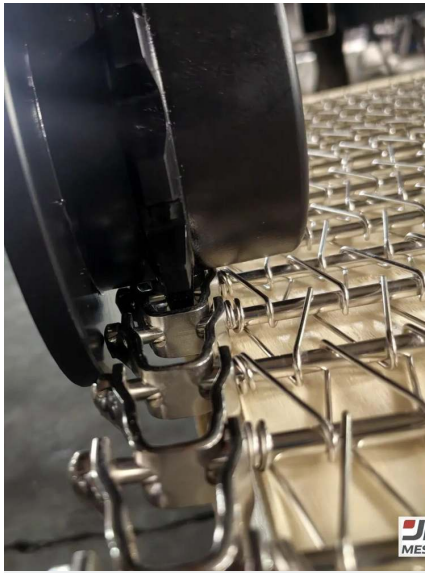
Spiral edge links, welded rod heads

Projects: Australia 2022, USA 2024, Australia 2023, Spain 2026, Australia 2025

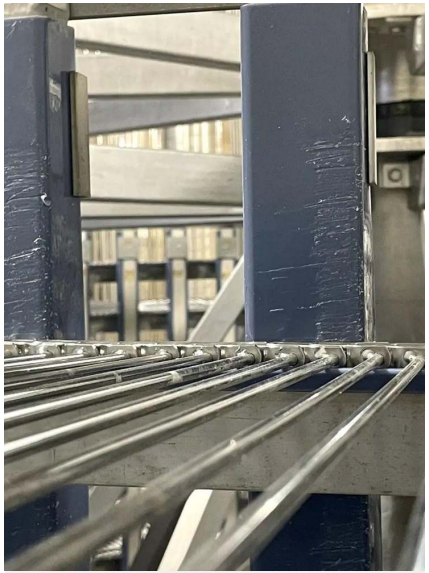
Edge on the quote list → What to Send for a Quote

Where the edge touches your line

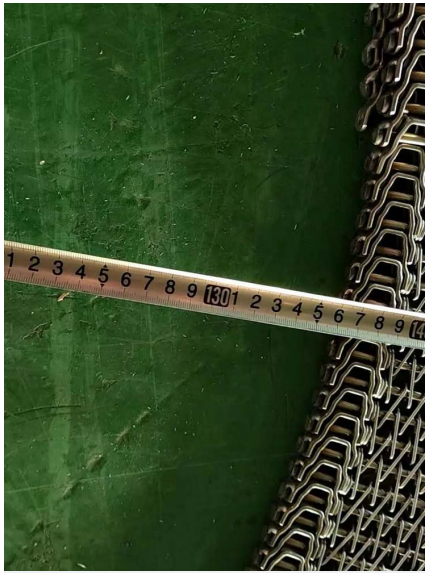
Drive, guides and turn meet the edge.



Sprocket teeth on the edge links



Guide strips along the belt path



Inside edge on a spiral turn



Edge links on a worn original

Waffle cooling spiral 2026, Australia 2023–2024, Malaysia 2026

See: Sprocket Matching

Clenched edge — kept as on the sample

Australia: the edge was read on the sample and kept.



Clenched edge on the sample



Edge hooks in a row



Edge, side view

Australia 2022

See: Flat Wire Belt Project Cases

Washer-welded edge — to the OEM drawing

USA: bend radii and edges checked on the trial against the drawing.



Belt lying flat, washer-welded edge



Bend radius and edge, close up



Coiled roll, washer-welded edge

USA 2024

See: Flat Wire Belt Project Cases

Chain edge with guide rollers

Australia: chain read on the sample, then on the trial.



Sample chain edge with cotter pins



Chain pitch on the sample: 31.75 mm (1.250 in)



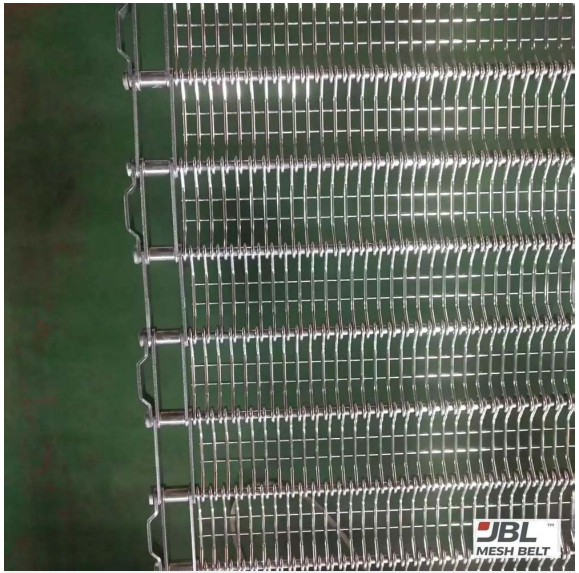
Trial chain guide roller: 16.00 mm (0.630 in)

Australia 2023

See: Chain-Driven Belt Project Case

Roller-chain edge on an eye link belt

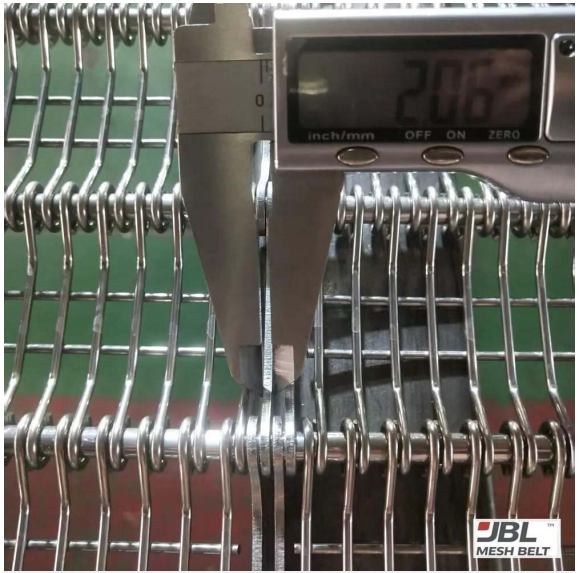
Spain: 50 mm pitch roller-chain edge, read on the bulk belt.



Bulk belt: roller-chain edge



Roller diameter: 10.02 mm (0.394 in)



Chain plate thickness: 2.06 mm (0.081 in)

Spain 2026

See: Eye Link Belt Project Case

Edge loop changed only by drawing

Australia: a 9 mm edge loop confirmed on the drawing first.



Original edge loop: 10.00 mm (0.394 in)



Bulk edge loop: 9.02 mm (0.355 in)

	Original	Drawing	Bulk
Edge loop	**10.00**	**9**	**9.02**
Wire	**1.80**	**1.8**	**1.81**
Pitch	**12.70**	**12.7**	**12.70**

1 in = 25.4 mm. SUS304.

Australia 2025

See: Z-Type Ladder Belt Project Cases

The edge wears first, and unevenly

Read the edge in several places, and compare worn with less-worn areas.



Waffle line: worn edge links on the original

Spiral edge links	Inside edge and rail contact wear most
Link thickness	Worn 2.42 mm; made new at 2.71 mm
Edge loop	Read across the loop; a change goes on the drawing
Chain edge	Plate and roller read on the sample
The goal	The size when new, not the size today



Worn: 2.42 mm (0.095 in)



New: 2.71 mm (0.107 in)

JBL Mesh Belt engineering articles, 2026, waffle cooling spiral 2026, Projects: Waffle cooling spiral 2026

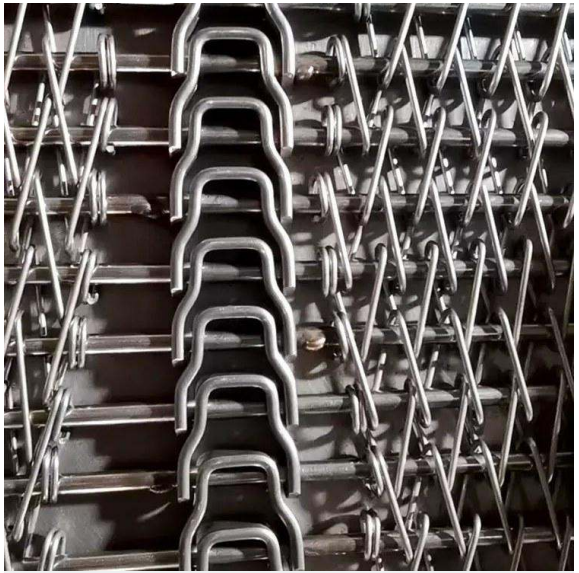
Send edge photos → page 15

Spiral edge links and rod heads

Waffle line and Malaysia: rod heads and welds checked on trial and bulk.



Waffle line trial: welded rod heads along the edge



Malaysia trial: edge links and welds



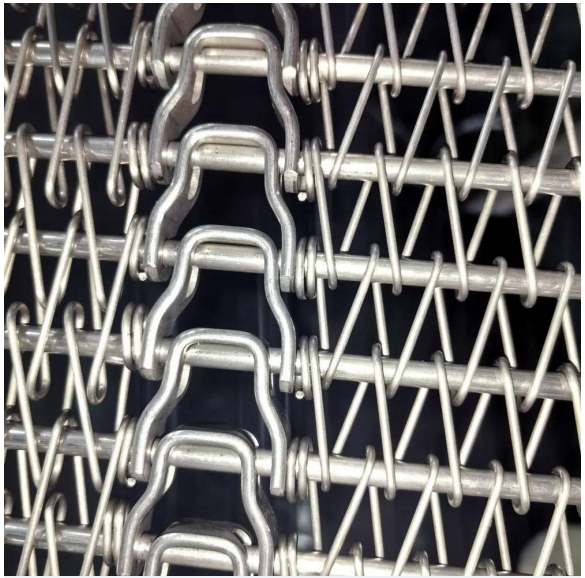
Malaysia bulk: welds and rod ends ground a second time

Waffle cooling spiral 2026, Malaysia 2026

See: Spiral Freezer Belt Buyer's Guide

A burr on the edge wears whatever it touches

Faults on the old edge are either matched on purpose or written into the specification.



Malaysia: bulk edge links, close up

What a burr touches	Guide strips, drum bars, the product
A drawing that bans burrs	Taken literally; edges checked on the trial
Old belt with burrs	Weld finish written in as a change, not copied
Cracks at welds	Recorded before copying; checked on the sample
Fit dimensions	Stay as the original



USA: weld, close up



Australia: worn guide strips

JBL Mesh Belt engineering articles, 2026, Malaysia 2026, USA 2024, waffle line 2026

Send edge photos → page 15

Edge details to send with a quote request

Close-up photos with a caliper show more than a description.



Edge, side view (Australia sample)

Edge from the side	Close-up, with a caliper or ruler
Edge from above	Across several pitches
What it meets	Sprocket, chain, guide or drum
Wear or damage	Close-up of the worn part
Drawing note	Edge type or detail, if drawn



Washer-welded edge, close up



Chain edge, end view



Edge loops on the original

Projects: Australia 2022, USA 2024, Australia 2023, Australia 2025

Full quote checklist → What to Send for a Quote

Questions about belt edges

Short answers on edge styles, with the evidence pages.



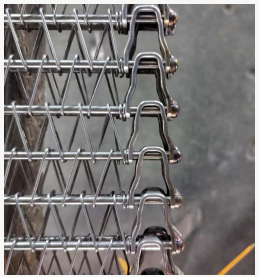
Can the original edge be kept?

Yes; the Australia can washing edge was kept.



Can the edge be changed?

Any edge change is confirmed before production — see page 8.



How is the edge checked?

On the waffle line and Malaysia projects: trial run and bulk belt, with photos and readings.



Which edge for my line?

Depends on drive, guides and product; send photos.

Projects: Australia 2022, Waffle cooling spiral 2026

Send edge photos → page 15

Working with JBL Mesh Belt

Who you work with, and how each project runs.



Spring Liu

Sales Director · 16 years in metal conveyor belts

WhatsApp +86 138 1487 2506

JBL Mesh Belt is a brand of Jin Bei Li Metal (Suzhou) Co., Ltd. — Suzhou, China, since 2015.

1. Drawing or old belt reviewed before quoting
2. Sample or trial section confirmed before production
3. Readings and photos until delivery



Reviewed: the sample edge



Confirmed: edge loop to the drawing



Reported: bulk edge photos

Projects: Australia 2022, Australia 2025, Malaysia 2026

Send details → page 15

Edge question? Send these

Six items to start an edge review.



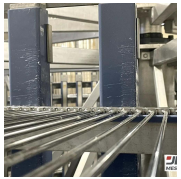
1 Edge from the side, with a caliper



2 Edge from above



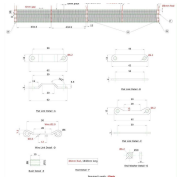
3 Where the edge meets the drive



4 Guides or supports at the edge



5 Any worn or damaged edge



6 The drawing, if you have one

Send it on WhatsApp

+86 138 1487 2506

info@jblmeshbelt.com

Your drawings and photos are used only for your project.

Scan to chat

Projects: Australia 2022, Australia 2023–2024, Spain 2026

Full quote checklist → What to Send for a Quote

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START A PROJECT WITH JBL

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Send your drawing, old-belt photos or required dimensions.

We read the edge with you before the quotation.

RELATED BOOKS

- Sprocket Matching
- Flat Wire / Honeycomb Belt — Project Cases
- Z-Type Ladder Belt — Project Cases
- What to Send for a Quote

GET IN TOUCH

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