

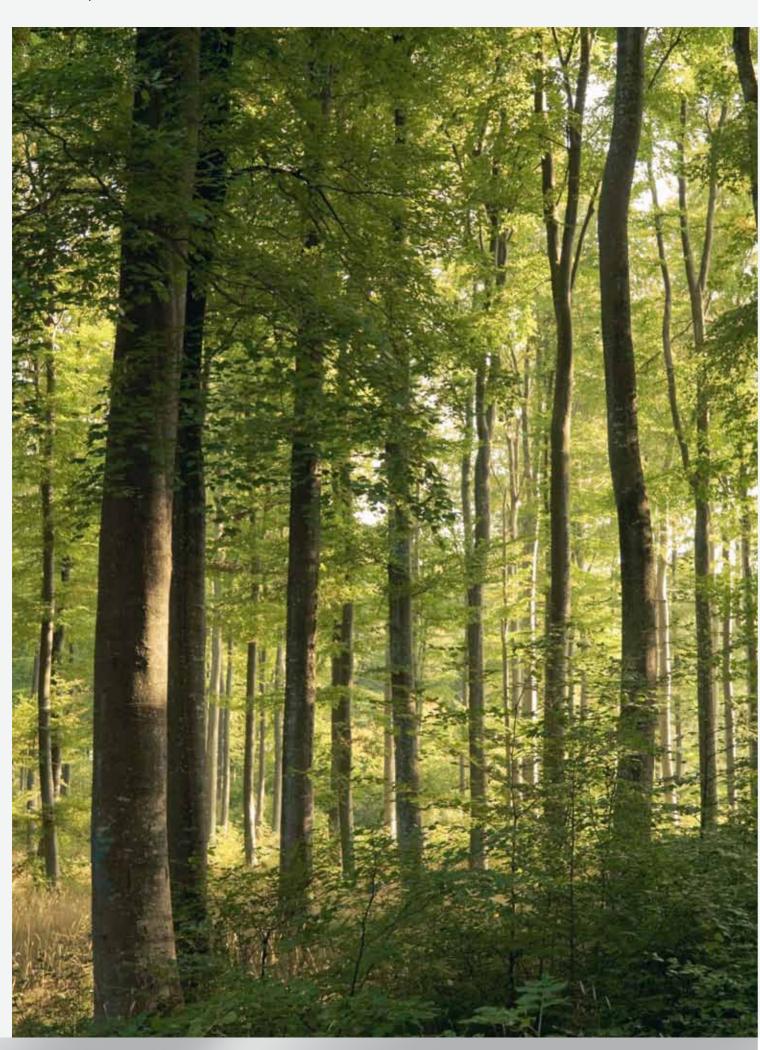
BÖHLER-UDDEHOLM Precision Strip GmbH

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bohlerstrip

Wood Band Saw Strip



Evolution never stops.

Bohlerstrip Wood Band Saw Strip. A new brand and best opportunities.

Why you can count on us. Our main brand values.

Böhler Uddeholm Precision Strip introduces a new brand with highest quality strip steel products for wood band saws. Our clear commitment is to be your partner for the future.

We're focussed on supporting our customers with highly developed strip steel to produce the best available saws on the market. As a consequence many actions have been taken to reach this high target.

We invested in a new cold rolling mill and a saw steel competence center in Kematen, Austria on 70,000 m² with state of the art technology.

We concentrate on strip steel which is used for cutting, e.g. special strip for wood saws, bimetal strip for the metal saw industry or steel rules for the packaging industry.

Our products are available on a world wide basis.

Beside our expertise in metallurgy our own inhouse Research and Development Center supports our customers in their daily business.

Within the voestalpine group we cover the complete production chain from iron ore to strip steel.

Service and variety – we constantly extend our product range according to global customer requirements.



Strip steel benefits

- High lifetime of the saw, increased productivity
- Perfect workability due to optimised flatness and structure
- Best weldability
- Best performance of the saw
- Low production costs
- High and uniform blade quality

Wood Band Saw Strip Competence Center



Competence Center Wood Band Saw Strip Competence Center

Wood Band Saw Strip Competence Center

OR / OR

Quality means nothing without competence in the background.

That is why we invested in a state-of-the-art production plant – focused on cold-rolled strip steel for high quality saws.

New benefits

- Consistent and repeatable quality
- Improved surface quality
- Consistent thickness along strip steel length
- Uniform section profile
- Increased capacity

Investment

- €113 Mio.
- Floor space 70,000 m²
- State-of-the-art technology
- Latest environmental standards

Equipment & Technology

- Cold rolling plant
- Slitting lines
- Annealing lines
- Edge treatment lines
- Hardening lines







Slitting line



Strip grinding machine









Cold rolling plant

Wood Band Saw Strip Competence Center
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Not every steel is the same.

Only a specialist knowledge about the hardening process and using state-of-the-art equipment enables us to make unique materials for perfect saws.

> Böhler Uddeholm Precision Strip has invested in two brand new state-ofthe-art hardening lines. These, coupled with the most modern and unique technical processes, guarantee an advantage for the perfect saw strip steel:

- The strips have no physical contact in the heating zones because of the use of vertical muffles (heating tubes).
- No molten metal quench and therefore no scratches on the strip, resulting in the best possible surface.
- Extremely high-powered hydrogen cooling system in quenching, guaranteeing the best micro structure.



Strip hardening lir









Strip hardening line

Bohlerstrip Production Program Wood Band Saw Strip Bohlerstrip Production Program Wood Band Saw Strip 10 / 11

Bohlerstrip Wood Band Saw Strip

High quality matters. And it guarantees long lasting benefits.

Our product range is defined by two product categories, BSC and BSN, each with two different grades of hardness and in a wide range of sizes.

Properties

Hardness

Standard 43-45 HRC +/-1 HRC Increased 48-50 HRC +/-1 HRC

Sizes

Width from 40 mm to 311.20 mm Thickness from 0.8 mm to 2.26 mm (other dimensions on request)

BSC carbon strip

Carbon strip steel - standard carbon strip for all types of saws

BSC 44



Gı	rade	Carbon strip steel
На	ardness HV (<1.2 mm)	410-460 HV
На	ardness	43-45 HRC +/-1 HRC
W	idth	40 mm – 311.20 mm
Th	nickness	0.8mm-2.26mm

BSC49

Grade	Carbon strip steel
Hardness HV (<1.2 mm)	480-540HV
Hardness	48-50 HRC +/-1 HRC
Width	40 mm – 311.20 mm
Thickness	0.8mm-2.26mm



BSN nickel strip

Highly developed carbon strip with nickel addition; optimized metallurgical properties for high performance of the saw, especially for saw thickness >1.2 mm.

BSN44



Grade	Nickel strip steel
Hardness HV (<1.2 mm)	410-460 HV
Hardness	43-45 HRC +/-1 HRC
Width	130 mm – 311.20 mm
Thickness	1.2 mm – 2.26 mm

BSN49

Grade	Nickel strip steel
Hardness HV (<1.2 mm)	480-540HV
Hardness	48-50 HRC +/-1 HRC
Width	130mm-311.20mm
Thickness	1.2 mm – 2.26 mm

Dimensions

Dimension				Weight		
Width		Thickness	Width		Thickness	
mn	nxr	mm	inch	ı x l	BWG	kg/m
40.00	Х	0.80	1.575	Χ	0.0315	0.25
35.00	Х	0.90	1.378	Χ	0.0354	0.25
40.00	Х	0.90	1.575	Χ	0.0354	0.28
45.00	Х	0.90	1.771	Χ	0.0354	0.318
50.00	Х	0.90	1.969	Χ	0.0354	0.35
60.00	Х	0.90	2.362	Χ	0.0354	0.42
80.00	Х	0.90	3.150	Χ	0.0354	0.57
35.00	Х	1.00	1.378	Χ	0.0394	0.27
40.00	Х	1.00	1.575	Χ	0.0394	0.31
60.00	Х	1.00	2.362	Χ	0.0394	0.47
70.00	Х	1.00	2.756	Χ	0.0394	0.55
80.00	Х	1.00	3.150	Χ	0.0394	0.63
90.00	Х	1.00	3.543	Χ	0.0394	0.71
100.00	Х	1.00	3.937	Χ	0.0394	0.79
110.00	Х	1.00	4.331	Χ	0.0394	0.86
120.00	Х	1.00	4.724	Х	0.0394	0.94
80.00	Х	1.10	3.150	Х	0.0433	0.69
90.00	Х	1.10	3.543	Х	0.0433	0.78
100.00	Х	1.10	3.937	Х	0.0433	0.86
110.00	Х	1.10	4.331	Χ	0.0433	0.95
120.00	Х	1.10	4.724	Χ	0.0433	1.04
100.00	Х	1.20	3.937	Χ	0.0472	0.94
120.00	Х	1.20	4.724	Χ	0.0472	1.13
130.00	Х	1.20	5.118	Χ	0.0472	1.22
140.00	Х	1.20	5.512	Χ	0.0472	1.32
150.00	Х	1.20	5.906	Χ	0.0472	1.41
206.40	Х	1.20	8.125	Χ	0.0472	1.94
155.60	Х	1.25	6.125	Χ	18 BWG	1.53
150.00	Х	1.30	5.906	Χ	0.0512	1.53
160.00	Х	1.30	6.299	Χ	0.0512	1.63
155.60	Х	1.47	6 1/8	Χ	17 BWG	1.80
181.00	Х	1.47	7 1/8	Χ	17 BWG	2.09
206.40	Х	1.47	8.125	Χ	17 BWG	2.38
231.80	Х	1.47	9.125	Χ	17 BWG	2.67
260.40	Х	1.47	10 1/4	Χ	17 BWG	3.00
206.40	Х	1.65	8 1/8	Х	16 BWG	2.67
260.40	Х	1.83	10 1/4	Χ	15 BWG	3.74
311.20	Х	1.83	12 1/4	Χ	15 BWG	4.47
311.20	Х	2.11	12 1/4	Χ	14 BWG	5.15
311.20	Χ	2.26	12 1/4	Х	0.089	5.52

Other dimensions on request.

Forms of Delivery

Packaging

In wooden boxes or on pallets. Customized for individual demands

Coil weights

Weight	
min.	2.5 kg/mm (140.0 lbs/inch) strip width
max.	4.0kg/mm (224.0 lbs/inch) strip width

Standard case weights

Strip Widths	Weight
40-80mm (1.57"-3.1")	200-350 kg (440-770 lbs) net
≥80 mm (≥ 3.1")	1 coil per case



Quality Assurance

Quality Assurance

There are many ways of defining quality but only one standard that really matters: Your satisfaction!

Our target – quality competence

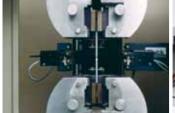
With almost 150 years of experience in converting steel into components for high-grade final products we honor the concept of a good partnership. For us the first step towards an optimum solution is to understand our customers' demands.

Quality is an essential part of our corporate culture, and this is reflected in all areas of our business activities.

Close relationship with customers, reliability and quick decision-making are essential elements of our organisation.

Böhler Uddeholm Precision Strip has the most up-to-date laboratory and testing knowledge. We are of course certified according to EN ISO 9001 and EN ISO 14001 (environmental approval).







Bohlerstrip Facts

Words are nice. Facts are better.

The company

Experience in steel manufacturing – from iron ore saw to steel – the entire production chain is within our group.

Continuous innovation and investment to be one step ahead – we are world market leader in high quality strip steel.

Product developments and new solutions for market demands – our in-house R&D center with profound knowledge in steel processing and application quarantees our success.

Customer care and direct contact with the factory – our global distribution network and experienced outside sales staff take care of your specific issue.

Strip Steel Technology since 1872.

Böhler Uddeholm Precision Strip GmbH, Böhlerwerk, Austria, Europe

Production locations in Austria and Sweden.

Production in Europe's most modern cold rolling mill in Kematen an der Ybbs, Austria, since 2011.

Stockholding distribution offices in Austria, Sweden, China, United States, Spain and Mexico.

Worldwide more than 1,000 employees.

Core business:

Bimetal strip for the metal saw industry
Special precison strip for different applications
e.g. for knives, springs, special saws, electronic parts,
razor blades, scalpels and flapper valves
Steel rules for the packaging industry
Rule die steel for the leather and textile industry
Wood band saw and circular saw steel
Stone saw steel for marble cutting
Coating and crêping blades for the pulp and paper industry

Since 2007 member of the voestalpine AG, Austria

BOHLER UDDEHOLM precision strip

A voestalpine company



