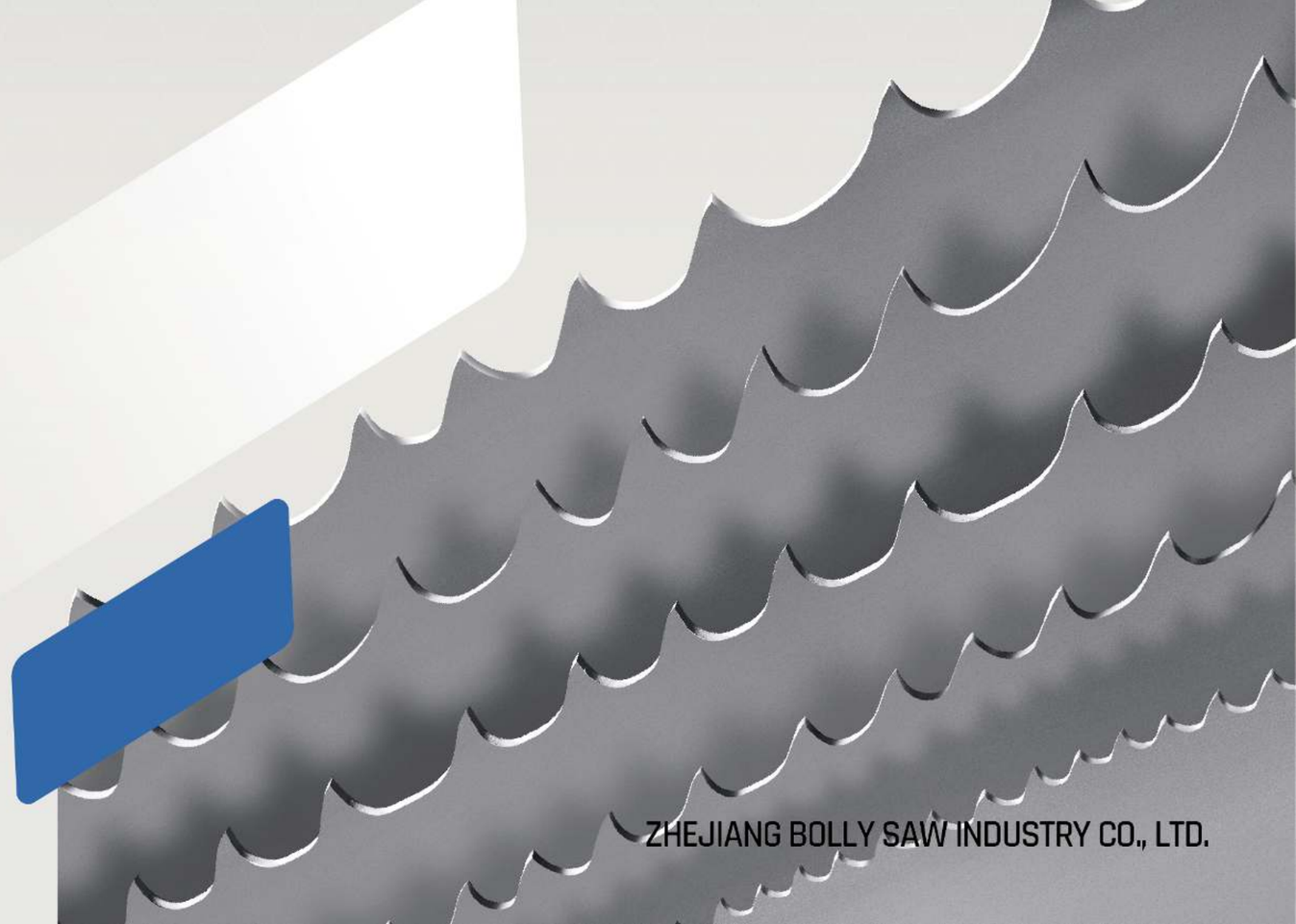
宝凌

QUALITY FORGES THE FUTURE

BOLLY®

PROFESSIONAL BAND SAW BLADE MANUFACTURER



ZHEJIANG BOLLY SAW INDUSTRY CO., LTD.

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ZHEJIANG BOLLY SAW INDUSTRY CO., LTD.

QUALITY FORGES THE FUTURE

CONTENTS

COMPANY PROFILE

1989
Founded in 1989

30
Engaged in the production and R&D of band saw blades for over 30 years

18
18 Qualification Certifications & Patent Certificates Awarded

0.05
Cutting Surface Flatness Deviation: ≤ 0.05mm

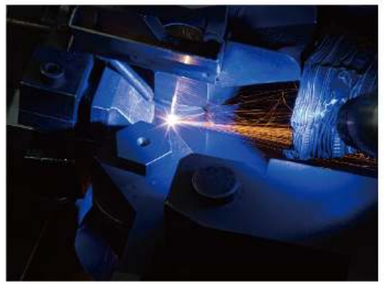
Zhejiang Baoling Saw Industry Co., Ltd.Founded in 2006, Baoling has been dedicated to the R&D and production of cemented carbide saw blades, bimetallic band saw blades, and woodworking alloy saw blades. The company is located in Huzhen Industrial Zone, Lishui City, Zhejiang Province, covering an area of 180 mu (approximately 120,000 square meters). It boasts modern workshops, first-class production equipment, testing equipment, and a high-caliber workforce.

With over 30 years of industry experience, the company has obtained CE certification, its products have passed the ISO9001 Quality Management System certification, and it has been awarded 15 invention patents.

To better promote its products, the company has established an extensive network of sales outlets across various regions in China, with a sales team of more than 200 people. Its products are also popular in India, the Middle East, Russia, South America, and Southeast Asia, and are well-received by customers.

Baoling will customize products for customers in accordance with strict production standards, actively introduce foreign technologies, and leverage its strong production capabilities to elevate the new pattern of China's saw blade industry and build a powerful national brand!

SMART FACTORY



2000/100
Registered capital of 20 million yuan; Park covers an area of100 mu (approx. 66,667 square meters)

17/800
Building area of 170,000 m²; Annual output of 800,000 meters of band saw blades

5/4.0
Equipped with 5 sets of intelligent systems, designed around the concept of Industry 4.0

65%/2.8
65% automated production; Product processing line length of 2.8 kilometers

100/89%
Over 100 process details, exquisite craftsmanship quality, and 89% paperless office

MOUNTAINS AND WATERS IN HARMONY

BEAUTIFUL SCENERY

1	
2	4
3	5

1.Sea of Clouds and Spring Scenery at Dinghu Peak in Xiandu

2.Dayou Rape Flower Base

3.Cross-Strait Joint Ceremony of Worshiping Xuanyuan Huangdi (the Yellow Emperor) Held at Huangdi Ancestral Temple

4.Morning Scenery of Dinghu Peak in Xiandu, Jinyun

5.Capital of China's Sawing Machines

·Emphasizes sustainable development and integrates production with environmental protection

·Respects and integrates local culture, and undertakes social responsibilities

·Advocates humanistic care and creates a livable and work-friendly environment for employees

PART 02

BI-METAL

Characteristics of Components	Hardness	Application Scenarios
Conventional High-Speed Steel (HSS)	HRC68	General Steel, Mass Production

Characteristics of Components	Hardness	Application Scenarios
High-Cobalt High-Speed Steel (HSS)	HRC70	Difficult-to-machine metals, precision cutting

BOLLY CUTPH.D (M42)

The right cutting edge for all standard and special applications

The CUTPH.D series adopts a high-quality combination of high-strength M42 high-speed steel (tooth material) + high-alloy spring steel (backing material), featuring reliable quality and a wide range of applications.

It offers a rich variety of tooth profiles to suit diverse scenarios, and can provide various suitable tooth profiles and sawing solutions for sawing all types of common materials.

Packaging unit	The length of the coil ranges from 30 meters to approximately 100 meters, depending on the bandwidth.
Strip Width	13-80mm
Tooth Profile	P, T, H
Quality	M42 High-Speed Steel, with 8% cobalt, HRC 68
Backing	Made of high-alloy spring steel

* Multi-layer PVD coating is optional for maximum performance and extended service life.

▼ Applied Materials

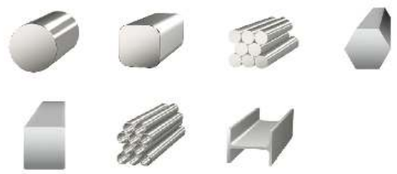
Aluminum/Non-ferrous Metals, Carbon Steel, Alloy Steel, Stainless Steel, Die Steel, Tool Steel, Structural Steel

BOLLY CUTPH.D (M42) P

PREMIUM P

Feature

- It offers a rich variety of tooth profiles and can provide various suitable tooth profiles and sawing solutions for sawing all types of common materials.
- It adopts a tooth hardening process to enhance tooth hardness and wear resistance, making it suitable for standard general-purpose sawing scenarios with high difficulty.
- The series uses a high-quality combination of high-strength M42 high-speed steel (tooth material) + high-alloy spring steel (backing material), featuring reliable quality and a wide range of applications.

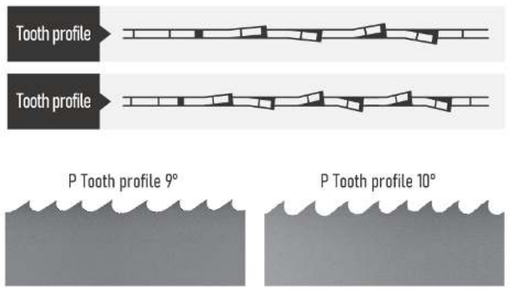


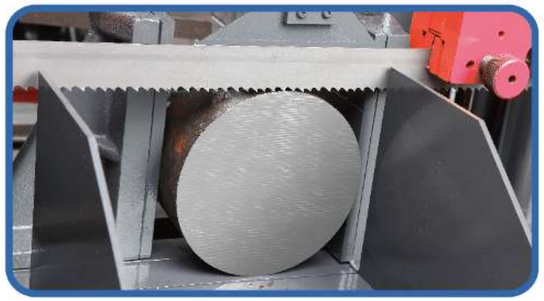
Advantage

- Quiet cutting with reduced vibration, optimized tooth pitch/tooth group sequence.
- Excellent wear resistance and ultra-high cost-effectiveness, meeting a wide range of cutting needs with outstanding cutting performance.
- Optimal wear resistance and high cutting precision, delivering excellent cutting results in high-vibration operations.

Application Aluminum/Non-ferrous Metals, Carbon Steel, Alloy Steel, Stainless Steel, Die Steel, Tool Steel, Structural Steel

Width x Thicknes		Tooth pitch in tpi													
mm	Inches	10/14	8/12	6/10	5/8	4/6	3/4	3/4	3/4	2/3	2/3	2/3	1.4/2	1/1.5	0.75/1.25
		0°	0°	0°	0°	7°	7°	9°	10°SH	7°	9°	10°SH	10°	10°	10°
19×0.9	3/4×0.035	✓	✓	✓	✓	✓	✓								
27×0.9	1 1/16×0.035	✓	✓	✓	✓	✓	✓		✓	✓		✓			
34×1.1	1 3/8×0.042		✓	✓	✓	✓		✓	✓		✓	✓	✓		
41×1.3	1 5/8×0.050			✓	✓	✓		✓	✓		✓	✓	✓		
54×1.6	2 1/8×0.630					✓		✓			✓		✓	✓	✓
67×1.6	2 5/8×0.063										✓		✓	✓	✓
13×0.65	1/2×0.025	4	6	8	10	14	18	24	6/10	8/12	8/10	10/14	14/18	18/24	





BOLLY CUTPH.D (M42) T

TENSILE TYPE T

Feature

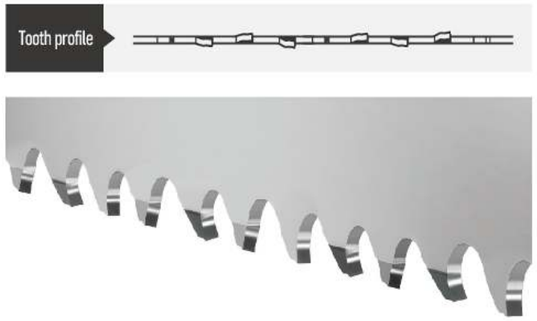
- Tensile type T can effectively prevent tooth damage caused by excessive penetration during sawing.
- They are particularly suitable for scenarios where the cross-section of hollow materials (such as pipes and special-shaped parts) changes frequently.
- They can reduce vibration during sawing, balance the force on the saw teeth, and improve the structural stability of the teeth.

Advantage

- Vibration resistance and tooth pull-out prevention capabilities extend the service life of the saw blade.
- It has wide adaptability: it can not only saw pipes and profiles efficiently,
- But also handle difficult-to-cut materials such as stainless steel and high-alloy steel.

Application Carbon steel, structural steel, Deformed Steel Bar, angle steel

Width x Thicknes		Tooth pitch in tpi	
mm	Inches	4/6T	3/4T
		7°	7°
27R	1 1/16×0.035	✓	✓
34R	1 3/8×0.042	✓	✓
41R	1 5/8×0.050	✓	✓
54R	2 1/8×0.063		✓



BOLLY CUTPH.D (M42) H

TURILE HOOK H

Feature

- Turile hook H feature excellent structural strength.
- They can withstand large pressure and impact force during the sawing process.
- They are suitable for bundled sawing, as well as for pipes, profiles, and other materials.

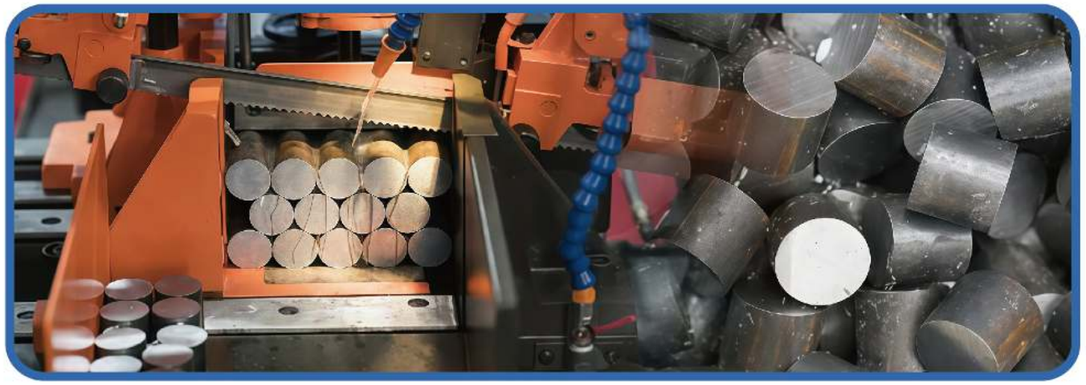
Advantage

- Suitable for sawing complex workpieces, such as in scenarios like steel structure manufacturing or building component production.
- It has good durability and can withstand extreme working conditions.

Application Aluminum/Non-ferrous Metals, Carbon Steel, Alloy Steel, Stainless Steel, Die Steel, Tool Steel, Structural Steel

Width x Thicknes		Tooth pitch in tpi			
mm	Inches	5/8H	4/6H	3/4H	2/3H
27R	1 1/16×0.035	✓	✓	✓	
34R	1 3/8×0.042	✓	✓	✓	✓
41R	1 5/8×0.050		✓	✓	✓

Tooth profile



BOLLY DESOUL (M51)

The right cutting edge for all standard and special applications

The DESOUL series adopts a tooth hardening process to enhance tooth hardness and durability, making it suitable for standard general-purpose difficult sawing conditions. It features strong wear resistance and ultra-high cost performance, meeting a wide range of cutting needs with excellent cutting performance. It is suitable for cutting high-hardness materials such as stainless steel, die steel, and alloy steel.

Packaging unit	The length of the coil ranges from 30 meters to approximately 100 meters, depending on the bandwidth
Strip Width	27-80mm
Tooth Profile	P, T
Quality	M51 Powder Metallurgy Alloy High-Speed Steel, HRC 70
Backing	Made of high-alloy spring steel

* Multi-layer PVD coating is optional for maximum performance and extended service life.

▼ Applied Materials

Aluminum/Non-ferrous Metals, Carbon Steel, Alloy Steel, Stainless Steel, Die Steel, Tool Steel, Structural Steel

BOLLY DESOUL (M51) P

PREMIUM P

Feature

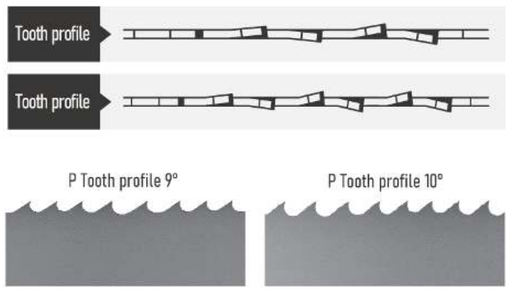
- It offers a rich variety of tooth profiles and provides various feature-matched tooth profiles and sawing solutions for all types of difficult-to-saw materials.
- It adopts a tooth hardening process to enhance tooth hardness and wear resistance, making it suitable for high-hardness steels such as stainless steel, die steel, and alloy steel.
- The series uses a high-quality combination of high-strength M51 powder metallurgy high-speed steel (tooth material) + high-alloy spring steel (backing material), featuring excellent wear resistance as well as outstanding rigidity and fatigue strength.

Advantage

- Excellent wear resistance extends service life and reduces cutting costs.
- It has an extremely wide range of applications, covering the sawing of various common materials and difficult-to-cut materials.
- It delivers outstanding performance, featuring high cutting precision, quiet cutting, and reduced vibration.

Application Aluminum/Non-ferrous Metals, Carbon Steel, Alloy Steel, Stainless Steel, Die Steel, Tool Steel, Structural Steel

Width x Thicknes		Tooth pitch in tpi								
mm	Inches	5/8	4/6	3/4	3/4	2/3	2/3	1.4/2	1/1.5	0.75/1.25
		0°	7°	9°	10°SH	9°	10°SH	10°	10°	10°
27×0.9	1 1/16×0.035	✓	✓		✓		✓			
34×1.1	1 3/8×0.042	✓	✓	✓	✓	✓	✓			
41×1.3	1 5/8×0.050		✓	✓	✓	✓	✓	✓		
54×1.6	2 1/8×0.63			✓		✓		✓	✓	✓
67×1.6	2 5/8×0.063		✓					✓	✓	✓
80×1.6	3 1/8×0.063								✓	✓



BOLLY DESOUL (M51) T

TENSILE TYPE T

Feature

- Its teeth are made of high-speed steel alloyed with cobalt.
- It is paired with a high-strength carbon steel strip backing.
- It features fracture resistance and wear resistance.
- Its service life is several times longer than that of ordinary saw blades.

Advantage

- It can effectively reduce the occurrence of row-wise tooth pull-out.
- It delivers high-efficiency cutting performance and has wide applicability.
- It is suitable for sawing special-shaped pipes made of high-hardness materials, as well as profiles and bundled materials.

Application Carbon steel, structural steel, Deformed Steel Bar, angle steel

Width x Thicknes		Tooth pitch in tpi	
mm	Inches	4/6T	3/4T
		7°	7°
27R	1 1/16×0.035	✓	✓
34R	1 3/8×0.042	✓	✓
41R	1 5/8×0.050	✓	✓

Tooth profile

PART 03

WOOD CUTTING

TCT BLADES

Feature

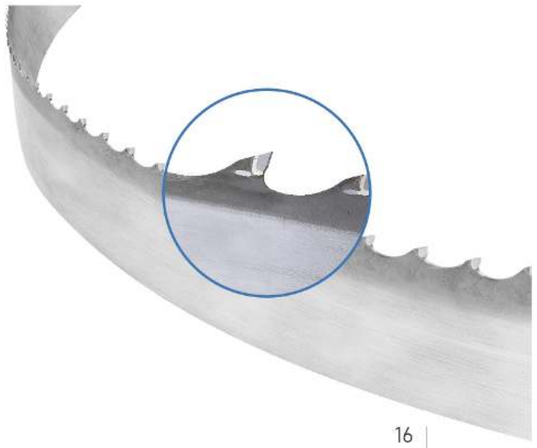
- Alloy saw blades are made of high-speed steel, with their surfaces treated with a special coating, featuring high hardness and excellent wear resistance.
- They adopt a trapezoidal-flat tooth profile, ensuring smooth and neat cutting surfaces. Suitable for both wet and dry cutting, these high-quality products will be a powerful helper in your woodworking projects.

Application

Common wood and hardwoods such as precious wood species including red sandalwood (Pterocarpus santalinus), redwood, beech, walnut, and oak

Width x Thicknes		Tooth pitch in tpi							
mm	Inches	14	17	19	22	26	28	32	35
16×0.8	5/8×.032	✓							
20×0.9	25/32×.035		✓						
27×0.9	1 1/16×.035		✓		✓				
30×0.9	1 3/16×.035		✓		✓				
35×0.9	1 1/4×.035		✓		✓				
40×0.8	1 37/64×.032		✓	✓	✓				
40×0.9	1 37/64×.035		✓	✓	✓				
50×0.9	1 31/32×.035		✓	✓	✓	✓			
50×0.95	1 31/32×.037		✓	✓	✓	✓			
55×0.9	2 11/64×.035		✓	✓	✓	✓			
55×0.95	2 11/64×.037		✓	✓	✓	✓			
60×0.8	2 23/64×.032		✓						
60×1.0	2 23/64×.039		✓	✓	✓				
75×0.8	2 61/64×.032		✓	✓					
75×0.9	2 61/64×.035		✓	✓	✓	✓		✓	
80×1.05	3 5/32×.041		✓	✓	✓	✓		✓	
90×1.05	3 35/64×.041			✓		✓	✓		
100×1.05	3 15/16×.041				✓	✓			✓
125×1.25	4 59/64×.049					✓		✓	

Tooth profile



CARBON STEEL

Quenched Band Saw Blade

The blade of the wood-sawing machine features quenched tooth tips and is made of supporting materials including high-carbon steel, alloy steel, and high-alloy steel.

Width	Tooth Tip Angle	TPI	C75S			51Crv4			D6A		
mm	Tooth Angle	mm	0.9	1/1.05	1.1/1.15	0.9	1/1.05	1.1/1.15	0.9	1/1.05	1.1/1.15
27	7/39	T15.875	✓			✓			✓		
27	10/30	T20	✓			✓			✓		
27	7/39 & 10/30	T22.23	✓			✓			✓		
32	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	7/39	T25.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	7/39	T25.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	7/39	T25.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	7/39	T25.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	7/39	T15.875	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	10/30	T20	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	7/39 & 10/30	T22.23	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	7/39	T25.4	✓	✓	✓	✓	✓	✓	✓	✓	✓
75×1.25×T28×10/30											

Packaging	The length of the coil ranges from 30 meters to approximately 180 meters, depending on the band width.
Band Width	10-75mm
Tooth Profile	Left-Right Straight Teeth
Quality	Tooth Tip Hardness: HRC 58-62
Backing	C75S, 51Crv4, D6A
Application	Wood-Mizer, BakerForestor, TimberKing, Logmaster, Lumbermate, Hud-son, Cook's machines, as well as most portable sawmills and multi-blade sawmills.

Carbon Steel Small Band Saw Blade

It can not only perform precise cutting but also meet the cutting needs of various complex shapes, with excellent durability and stability.

Width x Thicknes		Tooth pitch in tpi									
mm	Inches	3P	4P	6P	8P	10P	12P	14P	18P	24P	32P
3×0.65	1/8×0.025							✓	✓	✓	
5×0.65	1/5×0.025				✓	✓	✓	✓	✓	✓	
6×0.65	1/4×0.025		✓	✓	✓	✓	✓	✓	✓	✓	
8×0.65	5/16×0.025		✓	✓	✓	✓	✓	✓	✓	✓	✓
10×0.65	3/8×0.025	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13×0.65	1/2×0.025	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16×0.8	5/8×0.031	✓	✓	✓	✓	✓		✓			
19×0.8	3/4×0.031	✓	✓	✓	✓	✓		✓			
25×0.9	1×0.035			✓							

Band Width	3, 5, 6, 8, 10, 13, 16, 19, 25mm
Material	Single Metal
Total Length	30m/Coil
Application	Steel, plastic, wood, aluminum, etc.

M42 Bi-Metal Sawmill Band Saw Blade

Feature

- High-alloy steel backing material, equipped with high-speed steel (HSS) tooth tips.
- Enhanced heat resistance and wear resistance, extending fatigue life.

Advantage

- Suitable for sawing softwoods, medium hardwoods, and hardwoods, including birch, beech, oak, cherry, walnut, soft maple, pine, etc.
- Used for most portable sawmill machines; compared with carbon steel sawmill blades, its sharp service life is doubled.

Width x Thickness		angle
mm	Inches	10°
34×1.1×22.22T	1 1/4×0.042×7/8	✓

Material Bimetal

Application Sawmill, Wood / Lumber / Timber

M42 Bi-Metal Pallet Dismantler Blade

Feature

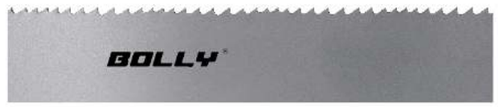
- The hardened saw teeth of the pallet dismantling band saw blade can easily cut wood and nails.
- Its design enables higher feed pressure and reduces vibration.
- It further extends the service life of the saw blade.

Material

Application Pallet Dismantling

Width x Thickness		Tooth pitch in tpi
mm	Inches	6
1 1/4×0.042	34×1.1	✓

Width x Thickness		Tooth pitch in tpi
mm	Inches	5/8
1 1/4×0.042	34×1.1	✓



PART 04

CARBIDE TIPPED

BL-8008

Teeth Set

Feature

- Adopting a special tooth profile chip-splitting design, it can effectively reduce cutting force and improve sawing efficiency.
- Luxembourg-imported alloy cutter heads are used between the teeth, processed with automatic welding equipment and technology, resulting in strong impact resistance of the teeth.
- Widely suitable for efficient sawing of difficult-to-machine materials.

Advantage

- High-quality, finely ground cemented carbide tooth tips.
- High-performance spring steel backing material, with excellent fatigue strength and rigidity.
- Ultra-long fatigue resistance life and efficient cutting.

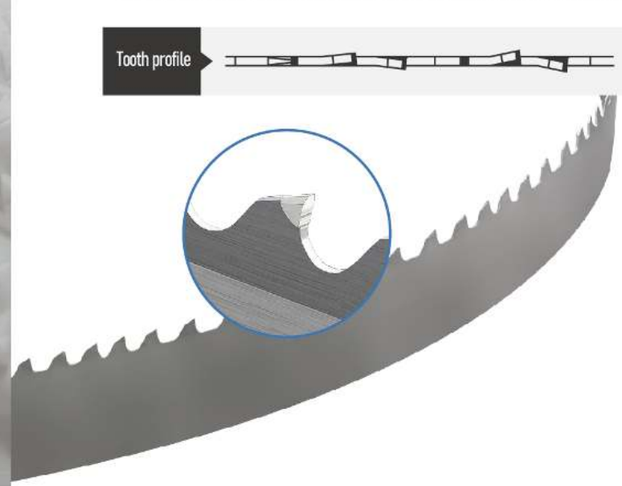
Application

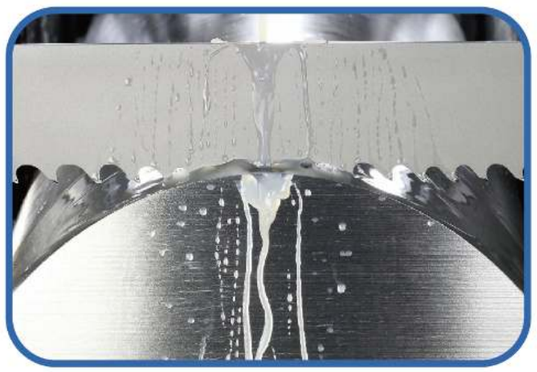
High-temperature alloys, surface-hardened steel, nickel-based alloys, titanium alloys, stainless steel, and other difficult-to-machine materials

Width x Thicknes		Tooth pitch in tpi						
mm	Inches	3	3/4	2/3	1.4/2	1/1.5	1/1.25	0.75/1.25
19×0.9	3/4×0.035	✓						
27×0.9	1 1/16×0.035	✓	✓	✓				
34×1.1	1 3/8×0.042	✓	✓	✓				
41×1.3	1 5/8×0.050		✓	✓	✓			
54×1.6	2 1/8×0.063		✓	✓	✓	✓	✓	✓
67×1.6	2 5/8×0.063			✓	✓	✓	✓	✓
80×1.6	3 1/8×0.063				✓	✓	✓	✓

* Multi-layer PVD coating is available as an option to achieve maximum performance and the longest service life.

Tooth profile





BL-9009

Gear Grinding

Feature

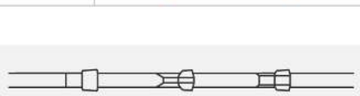
- Non-tooth-type-specific design, processed with high-precision tooth tip grinding technology.
- Precisely ground rake angles prevent material accumulation on the tooth edges.
- Ultra-fine cemented carbide tooth tips.

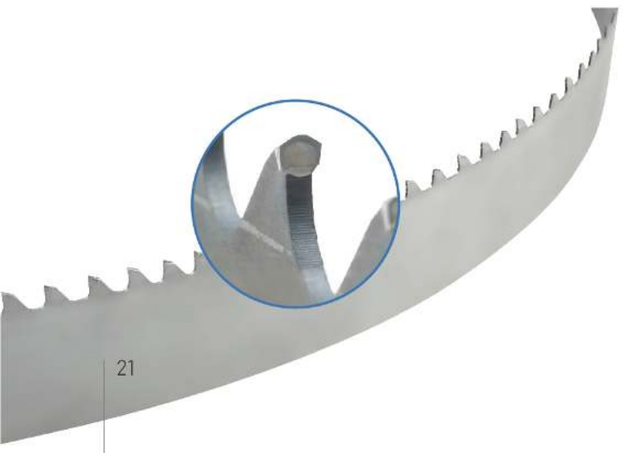
Advantage

- High sawing efficiency, flat cutting surface, and high processing precision.
- Multi-functional tooth profile design, which can reduce cutting resistance and cutting vibration.

Application Non-ferrous metals, aluminum plates, aluminum ingots, red copper, casting ingates, risers

Width x Thicknes		Tooth pitch in tpi	
mm	Inches	2/3	1.4/2
27R	1 1/16	✓	
34R	1 3/8	✓	
41R	1 5/8	✓	✓

Tooth profile 



Globally Available

A trustworthy choice for you

Every band saw blade undergoes strict inspection through multiple processes and is only delivered if it passes.

- Both products for global export and domestic sales must undergo full-item quality inspection, and can only be delivered if they are free from defects such as cracks and rust.
- The sharpness of saw teeth and uniformity of their arrangement all meet the standards; the issues of tooth loss and edge chipping are strictly prevented for both export and domestic products.
- The dimensional deviation of band saw blades is strictly controlled, and the same precise standards are implemented for both global export and domestic sales.
- Product labels are complete and clear; information such as factory name and trademark is ensured to be standardized and correct for both export and domestic products.
- Packaging is uniformly and strictly compliant with European standards, and the packaging quality of products for global export is consistent with that of domestic products.

EXCELLENT SAWING GLOBAL SERVICE

Sawing

Delivery Standards

Carton Packaging with Tape Coils

Full Pallet with Carton Packaging

Wooden Case Packaging with Tape Coils

Full Pallet with Wooden Case Packaging

Root Tape Packaging

Export Pallet