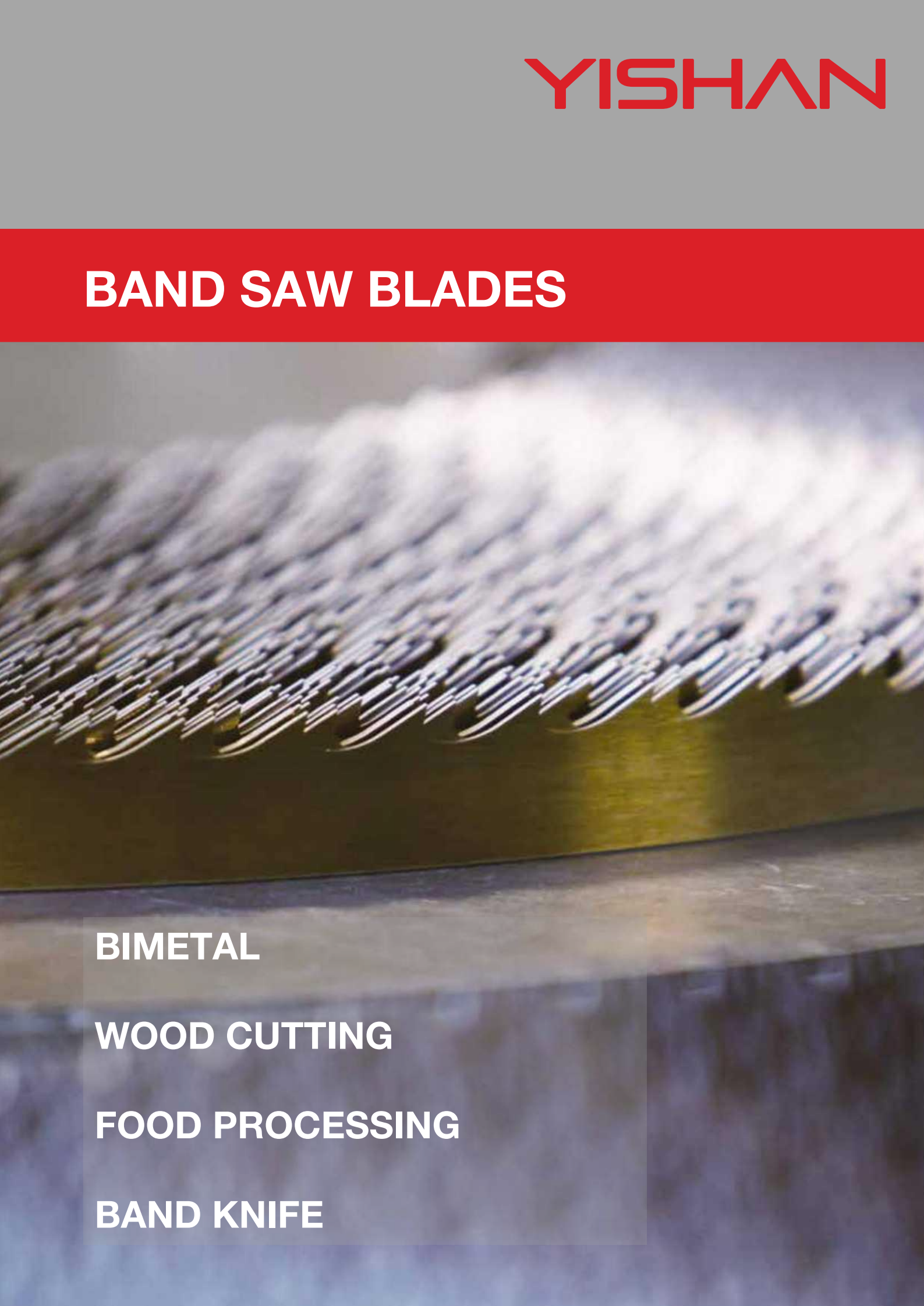




YISHAN

BAND SAW BLADES

BIMETAL

WOOD CUTTING

FOOD PROCESSING

BAND KNIFE

WE MAKE CUTTING EASY

Hunan Yishan is the premier supplier of band saw blade in south China, with two factories based in Jiangsu and Zhejiang.

With strict quality control, advanced equipment and an ongoing commitment to producing products with superior quality, the 3,000 plus products in today's Yishan product line continue to be the most accurate, robust and durable tools available.

We at Yishan manufacture and sell band saw blade for cutting metal, wood and food; We focus on optimum cutting economy, top quality and great service. Alongside our products we supply advanced expertise and flexible support.

Our experience and know how, from customized saw blades development of products to advice and services, ensure valuable reliability and maximum blade life.

For more than 20 years, every day we deliver products to customers all over the world. manufacturers, builders and craftsmen have depended upon saws and precision tools from the Yishan Company to ensure the consistent quality of their manufacturing processes





- ◆ Longer service life
- ◆ More stable cutting performance
- ◆ Quiet cutting, reduce vibration

BI-METAL BAND SAW BLADES



BIMETAL BAND SAW BLADE

BIMETAL

FEATURES

- Special high-speed steel edge
- Ground teeth
- High Cobalt and Vanadium content on teeth
- Exclusive tooth geometry with positive rake angle
- Ensures maximum fatigue life

BENEFITS

- Longer blade life with high quality surface finish
- Increased wear and heat resistance
- Easy penetration in hard and difficult to machine materials, increasing the blade performance
- Cost-effective over conventional bi-metal blades

APPLICATIONS

- Ideal for tackle steel (tool, structural, stainless, etc.), pipes/tubing, angles/flat stock, mixed-metal applications, and much more.



Width X Thickness													
mm	Inches	0.75/1.25	1/1.5	1.4/2	1.7/2.5	2/3	3/4	4/6	5/8	6/10	8/12	10/14	14/18
13 x 0.65	1/2 x .025									•	•	•	•
19 x 0.9	3/4 x .035						•	•	•	•	•	•	•
27 x 0.9	1 x .035					•	•	•	•	•	•	•	
34 x 1.1	1-1/4 x .042					•	•	•	•	•	•	•	
41 x 1.3	1-1/2 x .050			•	•	•	•	•	•				
54 x 1.6	2 x .063	•	•	•	•	•	•	•					
67 x 1.6	2-5/8 x .063	•	•	•	•	•	•						
80 x 1.6	3 x .063	•	•	•	•	•							

The structure of the teeth

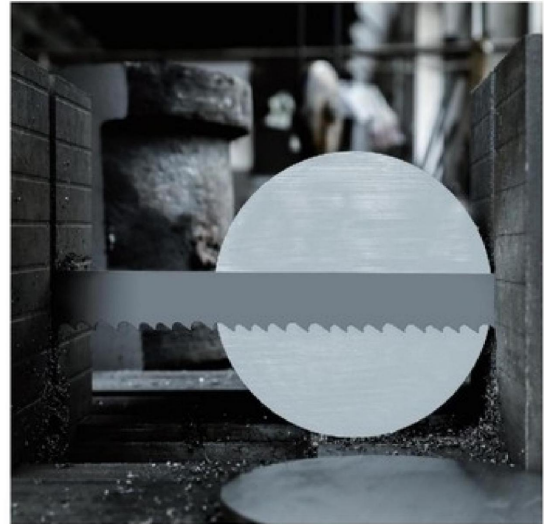
Teeth code:T

Teeth name:Standard teeth

Teeth Characteristic:

With standard and sharp teeth ,the cutting force is small ,the alveolus connected with arc ,the chip move cut smoothly .

Applies in cutting metal.



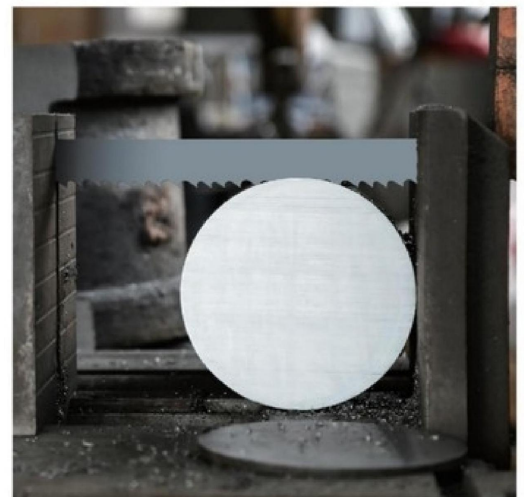
Teeth code: H

Teeth name:Turtle back teeth / hook teeth

Teeth Characteristic:

Back of teeth heaved,which increased the strength of teeth ,improve cutting efficiency

Applies in cutting cross section metal

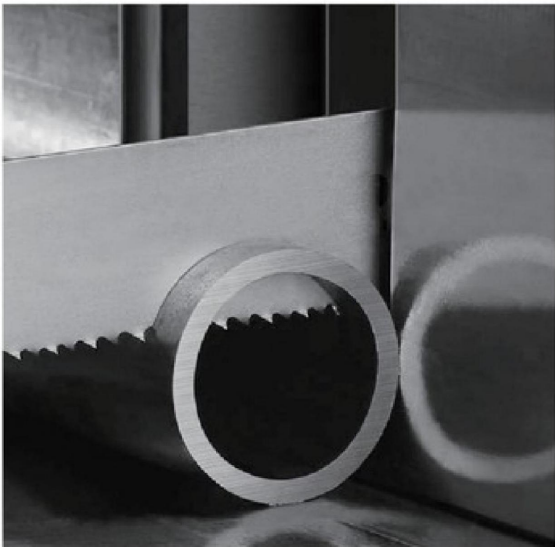


The structure of the teeth

Teeth code: P
Teeth name:Tensile teeth

Teeth Characteristic:
 The stepped protection design behind the tooth tip of the saw blade can effectively improve the strength of the tooth tip and prevent "domino tooth drawing" during high-speed cutting.

It is a specially designed anti impact saw blade for cutting various thin-walled profiles, section steels, small-diameter bundles, non- ferrous metals and other materials



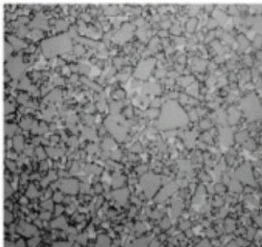
Qualitative comparison of the major steel properties

	red hardness	Wear resistance	Toughness	Grindability	Compressive strength
M42					
M51					

Chemical composition (average %)

	C	Si	Mn	P	S	Cr	Mo	V	W	Co
M51	1.29	0.63	0.29	0.021	0.009	4.36	4.88	2.95	6.17	8.22
HGS40	0.40	0.30	0.45	0.015	0.005	3.00	1.50	0.25		
HGS50	0.50	0.30	0.80	0.017	0.006	2.40	1.40	0.18		

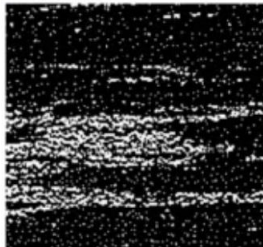
Hard Alloy Material



Powder-metallurgy material



Conventionally cast material



Furnished in welded bands, random length coils and 100 metre coils
 Note: Special products on request



- ◆ Longer service life
- ◆ More stable cutting performance
- ◆ Smooth cutting surface

Wood Cutting Band saw blade

WOOD CUTTING

Horizontal / Vertical Carbide band saw blade

FEATURES

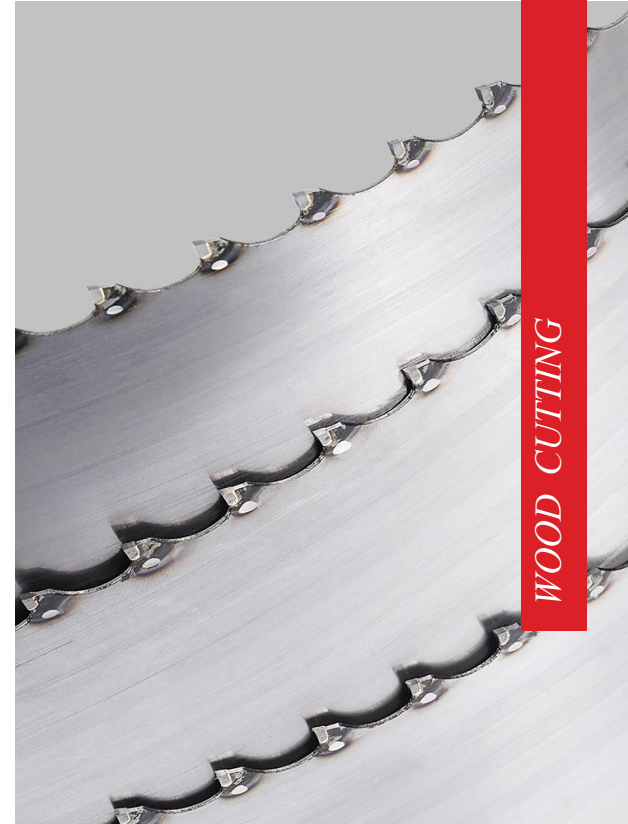
- Carbide tipped teeth
- Triple chip tooth geometry
- Negative Rake angle

BENEFITS

- Ideal for cutting hardened wood
- High resistance to abrasion
- Reduced cutting time-higher productivity
- Precise cuts and excellent finish

APPLICATIONS

- Suitable for Hardwood ,insulation material ,cement foaming brick



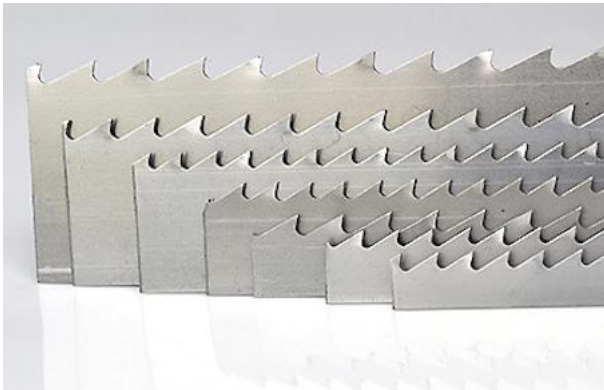
WOOD CUTTING

Width X Thickness		Pitches
mm	Inches	
30 x 0.9	1/4 x .035	1.3
35 x 0.9	1-1/2 x .035	1.5
40 x 0.9	1-2/3 x .038	1.5
50 x 1.0	2 x .040	1.5
55 x 1.05	2-1/4 x .042	1.5
75 x 0.8	3 x .035	1.3
100 x 1.05	4 x .042	0.8
125 x 1.25	5 x .049	1.18
150 x 1.25	2 x .049	1.3

All blades are Carbide / Stellite Teeth
Furnished in welded bands, random length coils and 100 metre coils
Note: Special products on request

WOOD CUTTING

Wood band saw blade



FEATURES

- Greater durability compared to conventional blades
- Fast, clean, accurate cuts with less feed
- Excellent cutting precision, Thin kerf available
- Special tooth structure, with good chip removal function
- A selection of blades ideal for a variety of woodworking applications
- Ideal for light vertical and horizontal machines

Teeth harden band saw blade



FEATURES

- A selection of blades ideal for a variety of woodworking applications
- Hardened spring tempered back and ground, precision set teeth with positive tooth angles
- Thin kerf available
- Longer life and faster cutting with less feed
- High production rates and increased yields
- Can be re-sharpened
- Ideal for light vertical and horizontal machines

Width X Thickness		Pitches
mm	Inches	
6x0.50	1/4 x .020	3T - 6T
10x0.56	3/8 x .022	3T - 6T
13x0.55	1/2 x .022	3T - 6T
15x0.70	5/8 x .028	3T - 6T
20 x 0.6	3/4 x .025	3T - 1 T
25 x 0.8	1 x .035	3T - 1.3 T
32 x 0.9	1-1/4 x .035	1.1 T- 2 T
38 x 1.10	1-1/2 x .042	1.1 T- 2 T
50 x 1.10	2 x .042	1.1 T- 2 T
65 x 1.10	2-9/16 x .042	1.1 T- 2 T

Tooth shape: Hook

All blades are Raker Tooth Set

Furnished in welded bands, random length coils and 100 metre coils

Note: Special products on request



- ◆ Longer service life
- ◆ More stable cutting performance
- ◆ Smooth cutting surface

Food Processing Band Saw blade

FOOD PROCESSING

Meat/bone band saw blade



SPECIFICATIONS

- Polished high carbon steel
- Hardened, ground teeth
- Hardened back

FEATURES

- Clean and sanitary operation
- Fast, smooth and clean cuts, with less waste
- Accurate cuts with less effort
- Greater durability compared to conventional blades

MEAT TYPES

- Fresh meat
- Frozen meat/fish large frozen up to -50° C
- Poultry
- Animal carcass cuts - Cattle, Pigs & Goats

APPLICATIONS

- Suitable for butcheries, food industry, slaughterhouses, supermarkets
- Suitable for meat packing, portioning ,cold storage facilities and seafood processing

Width X Thickness		Pitch
MM	Inches	
13 x 0.55	1/2 x .022	3
		4
16 x 0.45	5/8 x .018	3
		4
16 x 0.55	5/8 x .022	3
		4
19 x 0.55	3/4 x .022	3
		4

Tooth shape: Hook
 Furnished in welded bands and random length coils.

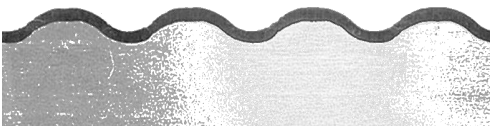


FOOD PROCESSING

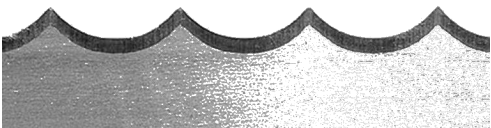
Breadknife bakery & bread blade

SPECIFICATIONS

- Polished premium high carbon or stainless steel
- high frequency point hardened



Wavy Edge



Scallop Edge

FEATURES

- Clean and sanitary operation
- Fast, smooth and clean cuts
- less crumbing and almost no pilling

APPLICATIONS

- Suitable for Bread, from super soft white breads to dense variety bread;cake ,bun
- Suitable for Food & Beverage Factory,bakery, snack factory

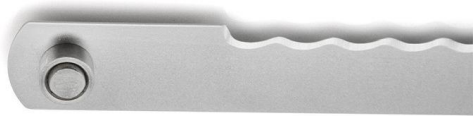
Width X Thickness		Teeth distance
MM	Inches	
10 x 0.45	3/8 x .018	6mm
		12mm
12 x 0.50	512 x .018	6mm
		12mm
15 x 0.50	5/8 x .018	6mm
		12mm
20 x 0.50	3/4 x .018	6mm
		12mm

Other dimensions available upon request
 Furnished in welded bands and random length coils.



FOOD PROCESSING

Bread slicer blade



SPECIFICATIONS

- Superior high carbon and stainless Steel;
- Burr-free teeth cutting edge;

FEATURES

- Clean and sanitary operation
- Fast, smooth and clean cuts, with less waste
- Extended shelf-life packaging;
- More long service life

TYPES

- Bread
- Cake
- Toast

Length (mm)	Width (mm)	Thickness (mm)
215	7	0.4
275	11	0.4
285	7	0.4
300	7	0.4
300	11	3
371	11	0.4
375	11	0.4
425	11	0.4

APPLICATIONS

- Suitable for Food & Beverage Factory, Restaurant, coffee shop
- Suitable for Food & Beverage Shops, bakery



BAND KNIVES

FEATURES

- Available with straight, scallop, wavy or “V” tooth cutting edges and a single or double edge
- Made of high-carbon steel
- Blades extremely sharp

BENEFITS

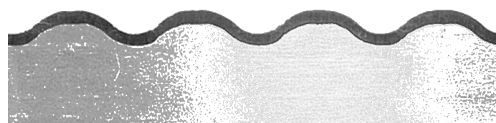
- Quick, smooth and precise cuts, with excellent finish
- No material waste.
- Better wear characteristics

APPLICATIONS

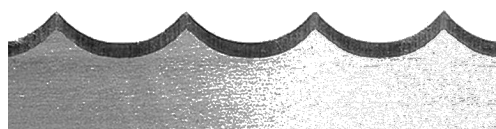
- Suitable for Foam, Sponge, Leather
- Insulation, Polyurethane, Polyethylene
- Rubber and soft plastics Carboard and paper



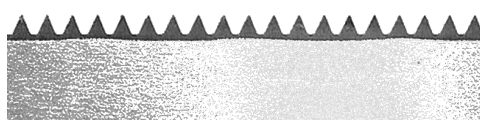
Straight Edge Single / Double Cut



Wavy Edge



Scallop Edge



“V” Edge 10T / 14T Single/ Double Cut

BAND KNIVES

Width X Thickness		Edge
mm	Inches	
6x0.50	1/4 x .020	Straight Edge Single / Double Cut
10x0.50	3/8 x .020	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
13x0.60	1/2 x .025	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
16x0.50	5/8 x .025	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
20x0.60	5/8 x .025	Straight Edge Single / Double Cut
		Wavy /Scallop Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
25x0.80	1 x .030	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
32x0.50	1/2 x .025	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
50 x 0.60	2 x .028	Straight Edge Single / Double Cut
		Wavy Edge
		Scallop Edge
		“V” Edge 10T / 14T Single/ Double Cut
60 x 0.80	2-2/5 x .035	Straight Edge Single / Double Cut
80 x 1.00	3 x .042	Straight Edge Single / Double Cut
95 x 1.20	3-7/10 x .047	Straight Edge Single / Double Cut
100 x 1.20	4 x .047	Straight Edge Single / Double Cut

YISHAN

BAND SAW BLADES

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