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BI-METAL BANDSAW BLADE

SERIES	FICUT	AA	TANCUT	DTCUT	PROCUT	PROCUT-WS	REINCUT
Building Materials	■						
Aluminum Alloy	■						
Copper, Brass, Bronze							
Carbon Steel, Structural Steel	■	■			■	■	■
Structural Steel with Residual Stress						■	
Bearing Steel, Forging Steel		■	■				
Mold Steel,Hot-work Steel,Cold-work Steel		■	■	■			
Stainless Steel		■	■	■	■	■	■
Heat-resistant Steel			■	■			
Tool Steel			■	■			
High-strength Steel			■	■			
Grey Cast Iron	■						
Ductile Cast Iron	■						

CARBIDE-TIPPED BANDSAW BLADE

SERIES	CB-MP	CB-PRO	CB-X925	TCB-PRO AL
Aluminum Alloy				■
Copper,Brass,Bronze	■			
Bearing Steel,Forging Steel	■			
Stainless Steel	■	■	■	
Heat-resistant Steel	■	■	■	
Tool Steel	■	■		
High-strength Steel	■	■		
Grey Cast Iron	■			
Ductile Cast Iron	■			
Titanium Alloy	■	■	■	
Super Alloy,Nickel Alloy		■	■	

■ Recommend

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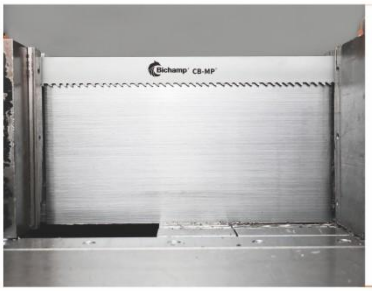
CB-MP® TRIPLE-CHIP SET



Benefits:
Set style carbide tipped bandsaw blade, designed for multi-purpose applications cutting a wide variety of materials.

Features:
Set style carbide tipped band saw blade based on triple chip design.
Special selected ultra-fine grain carbide tips for sharp teeth.
High quality blade due to precision tip welding and grinding.

Applications

Copper, Brass
Bronze, Bearing Steel
Forging Steel
Stainless Steel
Heat-resistant Steel
Tool Steel
High-strength Steel
Grey Cast Iron
Ductile Cast Iron
Titanium Alloy

Width x Thickness		TPI					
MM	Inches	0.75/1.0	1.0/1.25	1.4/2.0	2/3	3	3/4
19×0.90	3/4×0.035					■	
27×0.90	1×0.035				■	■	■
34×1.10	1-1/4×0.042				■	■	■
41×1.30	1-1/2×0.050			■	■		■
54×1.60	2×0.063		■	■	■		
67×1.60	2-5/8×0.063	■	■	■			
80×1.60	3×0.063	■		■			

—— Coated Available

CB-PRO® MULTI-CHIP SET

Benefits:
Multi-chamfer ground set style carbide tipped band saw blade for difficult-to-cut materials providing excellent cutting performance.

Features:
Multi-chip tooth geometry to reduce cutting forces and improve blade life.
High precision multi setting of teeth improves surface finish.

Applications

Stainless Steel
Heat-resistant Steel
Tool Steel
High-strength Steel
Titanium Alloy
Super Alloy
Nickel Alloy

Width x Thickness		TPI					
MM	Inches	0.75/1.0	1.0/1.25	1.4/2.0	2/3	3	3/4
19×0.90	3/4×0.035					■	
27×0.90	1×0.035				■	■	■
34×1.10	1-1/4×0.042				■		■
41×1.30	1-1/2×0.050			■	■		■
54×1.60	2×0.063		■	■	■		
67×1.60	2-5/8×0.063	■	■	■			
80×1.60	3×0.063	■		■			

—— Coated Available

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CB-X925 *MULTI-CHIP SET*

Benefits:
Multi-chamfer ground set style carbide tipped band saw blade for nickel alloys providing excellent cutting performance .

Features:
A novel-design of multi-chip geometry to reduce cutting forces and improve blade life.
High precision multi-setting of teeth improves surface finish .

Applications

Stainless Steel
Heat-resistant Steel
Titanium Alloy
Super Alloy
Nickel Alloy

Width x Thickness		TPI					
MM	Inches	0.75/1.0	1.0/1.25	1.4/2.0	2/3	3	3/4
27×0.90	1×0.035				■	■	■
34×1.10	1-1/4×0.042				■		■
41×1.30	1-1/2×0.050			■	■		
54×1.60	2×0.063		■	■	■		
67×1.60	2-5/8×0.063	■	■	■			
80×1.60	3×0.063	■	■				

TCB-PRO AL® *MULTI-CHIP NON-SET*

Benefits:
Special designed multi-chip carbide tipped band saw blade for cutting aluminium and other non-ferrous materials.

Features:
Multi-chip non-set style carbide tipped band saw blade.
Special selected carbide grade for cutting non-ferrous materials.
Premium backing material for optimum fatigue life at high band speeds.

Applications

Aluminum Alloy

Width x Thickness		TPI		
MM	Inches	1.4/2.0	2/3	3/4
27×0.90	1×0.035		■	
34×1.10	1-1/4×0.042		■	■
41×1.30	1-1/2×0.050	■	■	
54×1.60	2×0.063	■		

—— Coated Available

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TANCUT® M51

Benefits:
Professional band saw blade for difficult-to-cut materials.
Deep gullet tooth design for better chip removal.

Features:
Powder metallurgy high speed steel edge.
Premium backing material for optimum fatigue life.

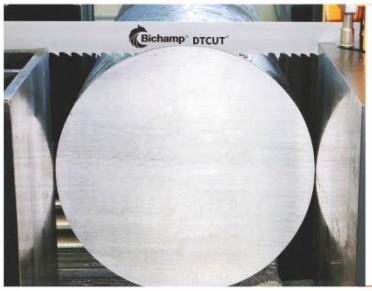
Applications

Bearing Steel
Forging Steel
Mold Steel
Hot-work Steel
Cold-work Steel
Stainless Steel
Heat-resistant Steel
Tool Steel
High-strength Steel

Width x Thickness		TPI				
MM	Inches	0.75/1.25	1/1.5	1.4/2	2/3	3/4
27x0.90	1x0.035				■	■
34x1.10	1-1/4x0.042				■	■
41x1.30	1-1/2x0.050		■	■	■	■
54x1.60	2x0.063	■	■	■	■	■
67x1.60	2-5/8x0.063	■	■	■	■	■
80x1.60	3x0.063	■				

—— B2000 Available

DTCUT® M51



Benefits:
Special designed high-low tooth profile for easier penetrating the material and reducing cutting forces.

Features:
Powder metallurgy high speed steel edge.
Premium backing material for optimum fatigue life.
Tooth height difference and special set design for smooth cutting.

Applications

Mold Steel
Hot-work Steel
Cold-work Steel
Stainless Steel
Heat-resistant Steel
Tool Steel
High-strength Steel

Widthx Thickness		TPI				
MM	Inches	0.75/1.25	1/1.5	1.4/2	2/3	3/4
27x0.90	1x0.035				■	■
34x1.10	1-1/4x0.042				■	■
41x1.30	1-1/2x0.050			■	■	■
54x1.60	2x0.063		■	■	■	
67x1.60	2-5/8x0.063		■	■		
80x1.60	3x0.063	■				

—— B2000 Available

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FICUT® M42

Benefits:
Multi-Purpose blade for basic workshop operations.

Features:
M42 high speed steel edge.
High cutting efficiency with upgrade processing techniques.

Applications
Building Materials
Aluminum Alloy
Carbon Steel
Structural Steel
Grey Cast Iron
Ductile Cast Iron

Width x Thickness		TPI															
MM	Inches	0.75/1.25	1/1.5	1.4/2.0	2/3	3/4	4/6	5/8	6/10	8/12	10/14	14/18	3	4	6	14	18
13x0.65	1/2x0.025							■	■	■	■	■		■	■	■	■
13x0.90	1/2x0.035							■	■	■	■	■	■	■	■	■	
19x0.90	3/4x0.035							■	■	■	■	■	■	■	■	■	
27x0.90	1x0.035				■	■	■	■	■	■	■	■	■	■	■	■	
34x1.10	1-1/4x0.042			■	■	■	■	■	■	■	■						
41x1.30	1-1/2x0.050		■	■	■	■	■	■	■								
54x1.60	2x0.063	■	■	■	■	■	■										
67x1.60	2-5/8x0.063	■	■	■	■	■											

B2000®

Benefits:
The all-purpose bandsaw blade meet different demands. The powder HSS teeth offer the best balance of better wear resistance and toughness, deep gullet tooth design for better chip removal.

Features:
Powder metallurgy high speed steel edge.
Variable pitch with positive rake angle.
Patented heat treatment process and optimized surface treatment.

Applications
Carbon Steel
Structural Steel
Bearing Steel
Forging Steel
Mold Steel
Hot-work Steel
Cold-work Steel
Stainless Steel

Width x Thickness		TPI						
MM	Inches	0.75/1.25	1.0/1.5	1.4/2.0	2/3	3/4	4/6	5/8
27x0.90	1x0.035				■	■	■	■
34x1.10	1-1/4x0.042				■	■	■	■
41x1.30	1-1/2x0.050				■	■	■	■
54X1.30	2x0.050			■	■	■	■	
54x1.60	2x0.063	■	■	■	■	■	■	
67x1.60	2-5/8x0.063	■	■	■	■	■	■	

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PROCUT ®

Benefits:
Special tooth design to reduce the risk of chipping and improve blade life, allow for heavier penetration under fast cutting rate.

Features:
Excellent fatigue life and high cutting efficiency.
Impact resistant design for strong teeth.
Optimized for structural steel cutting.

Applications
Carbon Steel
Structural Steel
Structural Steel with Residual Stress
Stainless Steel

Width x Thickness		TPI		
MM	Inches	2/3	3/4	4/6
27x0.90	1x 0.035		■	■
34x1.10	1-1/4x 0.042		■	■
41x1.30	1-1/2x 0.050	■ *	■ *	■
54x1.60	2x0.063	■ *	■ *	■
67x1.60	2-5/8x0.063	■ *	■ *	

—— WS Available

REINCUT

Benefits:
The reinforced tooth design and special set pattern reduce vibrations.
Special tooth design to reduce risk of chipping and improve blade life.

Features:
Impact resistant design for strong teeth.
Optimized for bundle cutting.
Various set design.

Applications
Carbon Steel
Structural Steel
Stainless Steel

Width x Thickness		TPI			
MM	Inches	4/6	5/7	8/11	12/16
13x0.65	1/2x 0.025			■	
13x0.90	1/2x 0.035			■	
19x0.90	3/4x 0.035	■	■	■	■
27x0.90	1x 0.035	■	■	■	■
34x1.10	1-1/4x 0.042		■		
41x1.30	1-1/2x 0.050		■		

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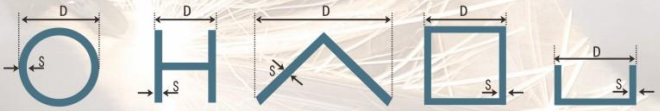
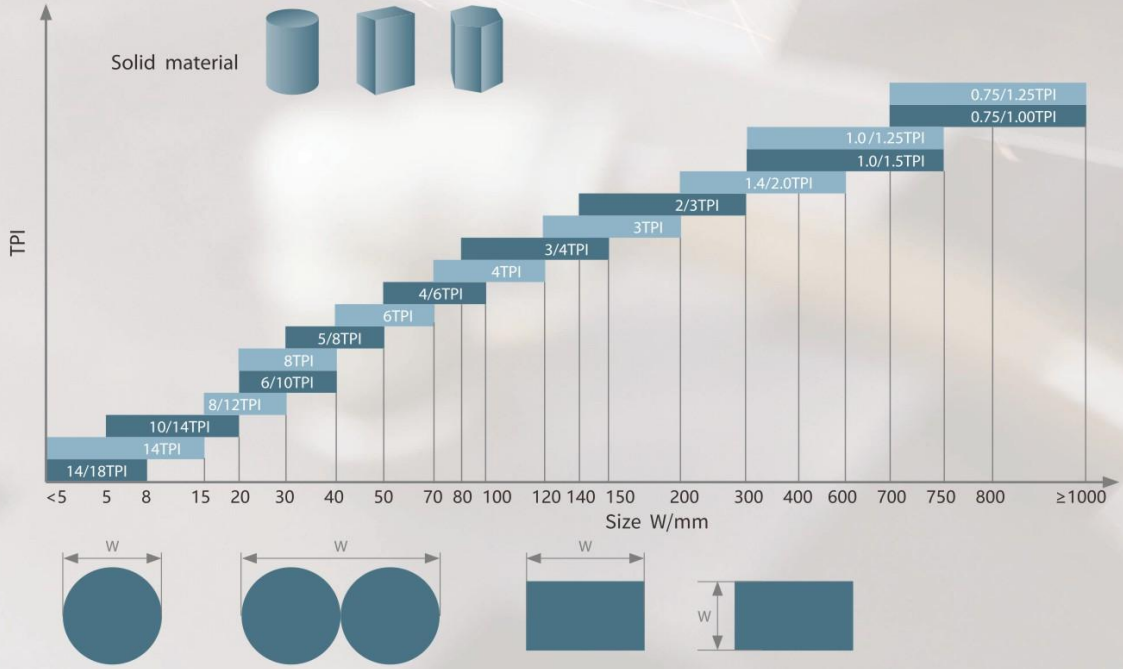
Tooth Pitch Selection Chart for Pipes and Profiles

Thickness S /mm	Diameter D/mm													
	15	20	40	60	80	100	120	150	200	300	400	500	600	>700
2	14/18	14/18	14/18	10/14	10/14	10/14	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8
3	14/18	14/18	10/14	10/14	10/14	8/12	8/12	8/12	8/12	6/10	6/10	6/10	5/8	5/8
4	14/18	10/14	10/14	10/14	8/12	8/12	6/10	6/10	6/10	5/8	5/8	4/6	4/6	4/6
5	10/14	10/14	8/12	8/12	8/12	6/10	6/10	5/8	5/8	5/8	4/6	4/6	4/6	4/6
6	10/14	10/14	8/12	8/12	6/10	5/8	5/8	5/8	4/6	4/6	4/6	4/6	4/6	3/4
8		10/14	8/12	6/10	6/10	5/8	5/8	4/6	4/6	4/6	4/6	4/6	4/6	3/4
10			6/10	6/10	5/8	5/8	5/8	4/6	4/6	4/6	4/6	3/4	3/4	3/4
12			6/10	5/8	5/8	4/6	4/6	4/6	4/6	4/6	3/4	3/4	3/4	3/4
15			6/10	4/6	4/6	4/6	4/6	4/6	3/4	3/4	3/4	3/4	3/4	2/3
20				4/6	4/6	3/4	3/4	3/4	2/3	2/3	2/3	2/3	2/3	2/3
30					3/4	3/4	3/4	3/4	2/3	2/3	2/3	2/3	2/3	2/3
50							2/3	2/3	2/3	2/3	2/3	2/3	2/3	1.4/2.0
75									2/3	2/3	2/3	1.4/2.0	1.4/2.0	1.4/2.0
100											1.4/2.0	1.4/2.0	1.0/1.5 1.0/1.25	1.0/1.5 1.0/1.25
150											1.4/2.0	1.4/2.0	1.0/1.5 1.0/1.25	1.0/1.5 1.0/1.25
200												1.0/1.5	0.75/1.25 0.75/1.00	0.75/1.25 0.75/1.00
250													0.75/1.25 0.75/1.00	0.75/1.25 0.75/1.00
>300														0.75/1.25 0.75/1.00

For two or more material,add up all wall thickness



Tooth Pitch Selection Chart for Solid Materials



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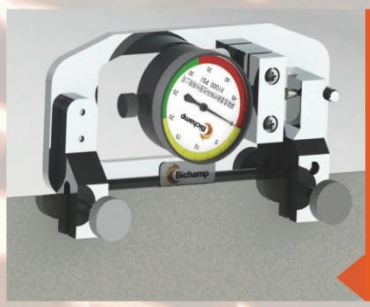
ACCESSORIES



Proper tension is a key parameter for straight cutting and could also keep band saw blades in good fatigue life. The Bichamp tension meter helps you to check the tension simply and quickly.

Tension meter

The proper concentration of cooling liquid can reduce tooth wear of band saw blades. By using refractometer, the mix ratio of cooling liquid can be read in percentage and checked easily.

Refractometer

Cutting speed can effect the life, efficiency and noise rate of the teeth. Tachometer provides you more objectively measure value for adjustment.

Tachometer

Includes: tension gauge, refractometer, tachometer, tape, dialgauge, magnifying glass, wrench and screw-drivers etc., which help you to check and maintain the band saw machine.

Toolkit

Bichamp

EXQUISITE EXPERTISE
SUSTAINABLE STRENGTH

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