



# **Band Saws & Industrial Blades**





## BAND SAWS AND IDEAL BLADES

1. Bi-metal Bandsaw Blades
2. Carbide Bandsaw Blades
3. Carbon Bandsaw Blades
4. Bandsaw Blades for Portable Sawmills
5. Sharp Bandsaw Blades
6. Circular Saw Blades



IDEAL blades which meet all your requirements, whether you are a multinational, an SMB or a local reseller. Customers from all sectors and fields can count on the efficiency and performance of IDEAL blades and band saws from Montfort International:

- Machinery and equipment manufacturers
- Furniture Manufacturer
- Production and machining of steel, metals and metal products
- Foundries and forges
- Aerospace and aeronautics
- Energy, maritime, petrochemical, medical, glass, foam and insulation industries
- And more!

Customer satisfaction is of the utmost importance to us:

- Fast and reliable technical support in case of technical problems
- Professionals who come directly to your factory and places of business
- Support in choosing the best product for your sawing operations
- Optimization of the settings of your sawing machines to improve their efficiency
- Cutting tests and technical training of your operators
- Delivery in 24-48 hours for any product already in stock
- Band saw entirely transformed and welded to the highest quality standards in our Quebec City workshop



# BAND SAWS AND IDEAL BLADES

By Montfort International since 1989



## IDEAL BI-METAL Metal

Xtrema  
Xenotec  
Crosstec  
Bitec One



## IDEAL HIGH-PERFORMANCE BI-METAL Metal

Super SCL  
Super SCL IPC coated  
SCL GT  
Evotec SCL



## IDEAL CARBIDE Hard Metal / Solid / exotic and special alloys

Triple chip  
Carbide TC Negative / Negative Rake  
Foundry / Set tooth  
Continuous or segmented carbide particles



## IDEAL CARBON Wood / Soft Metal / Plastic

Proflex  
Double trempe  
Elite



## IDEAL BLADES FOR PORTABLE SAWMILLS Wood / Portable Sawmill

Apex MP  
Apex RF  
Apex CC  
Apex SL  
Apex MTX



## IDEAL SHARP Foam / Insulation Material / Composites / Plastic

Sharp V-tooth  
Sharp Narrow  
Sharp Wide  
Sharp wavy  
Sharp Feston / Scallop



## IDEAL DIAMOND Glass / Stone / Ceramic / Etc

Continuous and discontinuous diamond particles



## CIRCULAR SAW BLADES Various Material

Ferrous metals  
Plastic and non-ferrous metals  
Wood-based materials





# CHANGES IN THE BI-METAL PRODUCT RANGE



<u>Old Name</u>		<u>New Bi-Metal Range</u>
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Profil	Becomes	Ideal Bitec One
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Structec SBX EHS	Becomes	Ideal Xtrema
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Alphatec and Structec	Become	Ideal Xenotec
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<b>New!</b>		Ideal Crosstec
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Podium	Becomes	Ideal Super SCL
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<b>New!</b>		IDEAL Super SCL IPC coated
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Record GT	Becomes	Ideal SCL GT
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M51/X51 and Podium Xp	Become	Ideal Evotec SCL
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For any orders or questions related to product conversion, please contact your Montfort specialist.





# IDEAL BI-METAL BANDSAWS RANGE

Machinability / resistance of the material

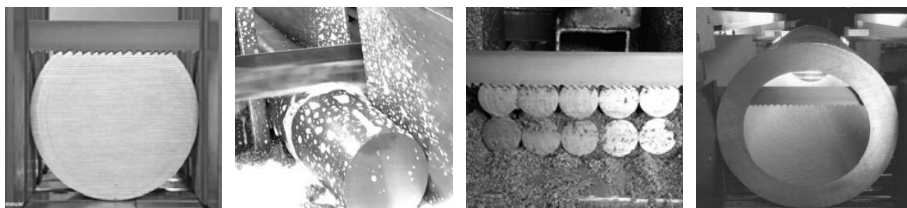
EVOTEC / EVOTEC SCL

SCL GT

SUPER SCL / SUPER SCL COATED

CROSSTEC

**NEW**

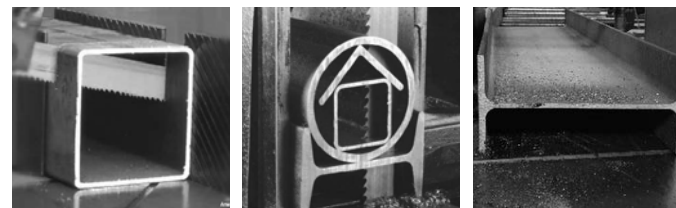


**SOLID AND SOLID MATERIALS**

BITEC ONE

XENOTEC

XTREMA



**PROFILES AND STRUCTURES**



# BI-METAL



## BI-METAL - STANDARD APPLICATION

VERSATILE AND VARIED USE

**IDEAL BITEC  
ONE**



BEAMS, STRUCTURES AND PROFILES

**IDEAL XTREMA**



SOLIDS, TUBES AND STRUCTURES

**IDEAL XENOTEC**



MULTIFUNCTIONAL AND VERSATILE

**IDEAL  
CROSSTEC**



## BI-METAL - HIGH PERFORMANCE AND SPECIAL APPLICATIONS

SOLID MATERIALS AND HARD METALS

**IDEAL  
SUPER SCL**



DIFFICULT METALS AND EXOTIC  
ALLOYS

**IDEAL SUPER SCL  
IPC COATED**



SOLID MATERIALS AND RESISTANT  
MATERIALS

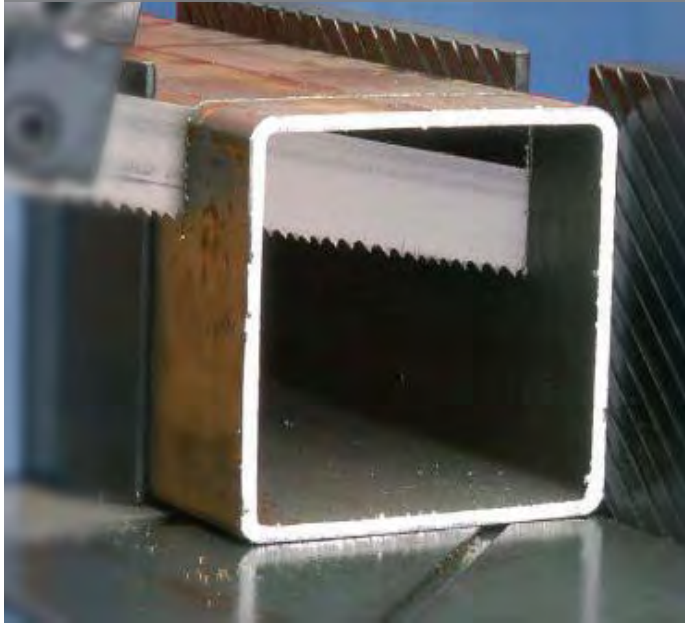
**IDEAL SCL GT**



SOLID MATERIALS  
AND EXOTIC ALLOYS

**IDEAL EVOTEC  
SCL**





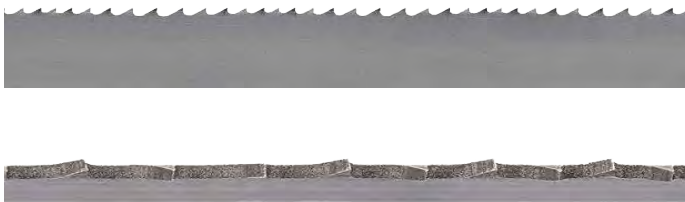
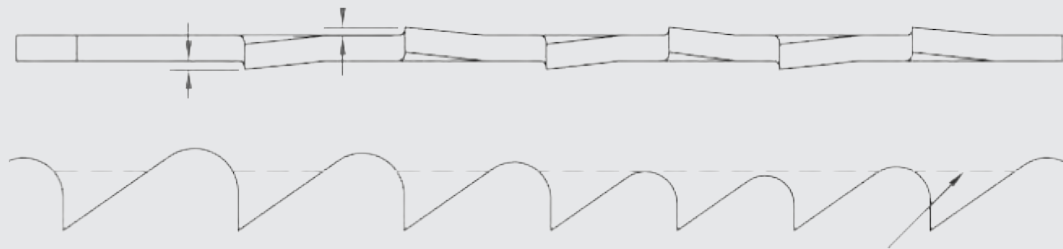
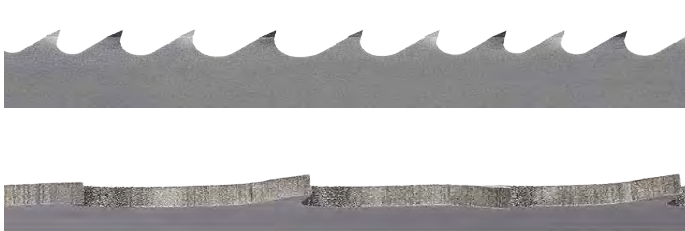
M42 bi-metal bandsaw for versatile use and easy-to-machine/cut materials.

**Features and Benefits:**

- Vibration-reduced sawing
- Neutral geometry of teeth or positive for fixed teeth
- A wide array of teeth choices to ensure an optimal cut without loss of material and errors
- Highly appreciated for its versatility in various metal cutting operations
- Pre-honed teeth
- A very popular bi-metal blade, this product family includes bi-metal blades that are less than 1/2" wide
- Economical

**Applications and Materials:**

- General use
- Machining and maintenance workshop
- Manufacturer
- Dark steel
- Small and thin workpieces and profiles
- Easily machinable materials and metals
- Aluminium

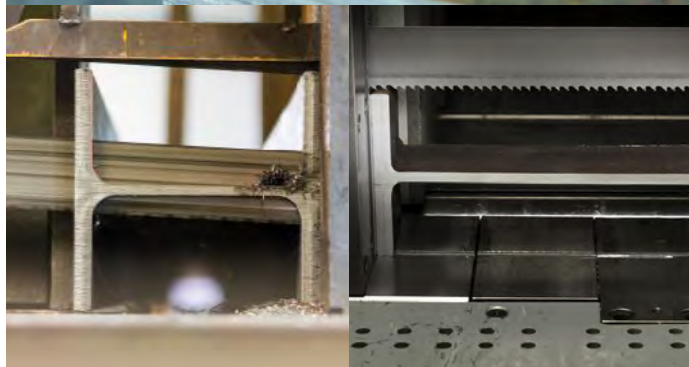
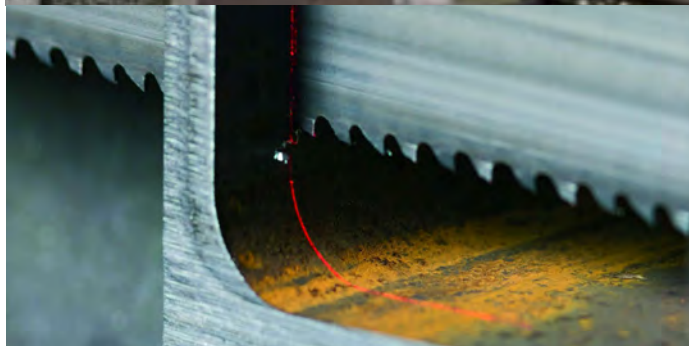
**Neutral Rake Angle**

**Positive Rake Angle**

**Neutral Rake Angle**

Width x Thickness		Teeth per Inch					
mm	Inch	18	14	10	10/14	8/12	6/10
6 x 0.90	1/4" x 0.035		■	■	■		
10 x 0.90	3/8" x 0.035		■	■	■		
13 x 0.65	1/2" x 0.025	■	■	■	■	■	■
13 x 0.90	1/2" x 0.035		■	■	■	■	■

**Positive Rake Angle**

Width x Thickness		Teeth per Inch			
mm	Inch	6	4	4/6	3
6 x 0.90	1/4" x 0.035		■	■	■
10 x 0.90	3/8" x 0.035		■	■	■
13 x 0.65	1/2" x 0.025	■	■	■	■
13 x 0.90	1/2" x 0.035		■	■	■





For cutting structural steel and beams.  
Teeth with a unique structure that prevents jamming during sawing.

#### Applications and Materials:

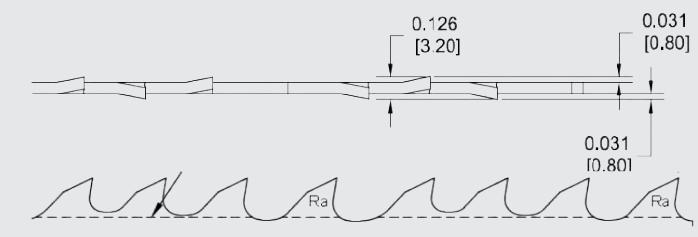
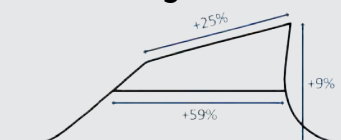
- Beams and profiles
- Bundle or single cut
- Structural steel
- Large and small H and I beams

#### Features and Benefits:

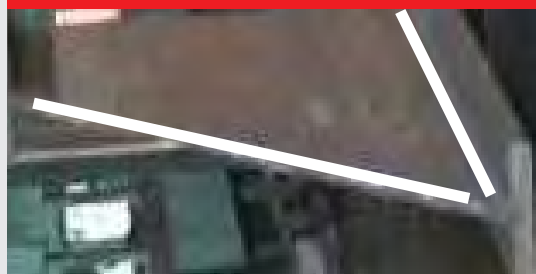
- Increased kerf (Extra Heavy Set) to avoid pinching and jamming while sawing
- Reinforced back of teeth
- Quiet cut
- Break-resistant teeth even in extreme cutting conditions
- Ultra resistant and long life
- Smooth Finish

Width x Thickness		Teeth per Inch		
mm/TPI	Inch	4/6	3/4	2/3
41 x 1,30	1-1/2	■	■	■
54 x 1,60	2	■	■	■
67 x 1,60	2-5/8		■	■
80 x 1,60	3-1/8		■	■

#### 9 ° Rake Angle



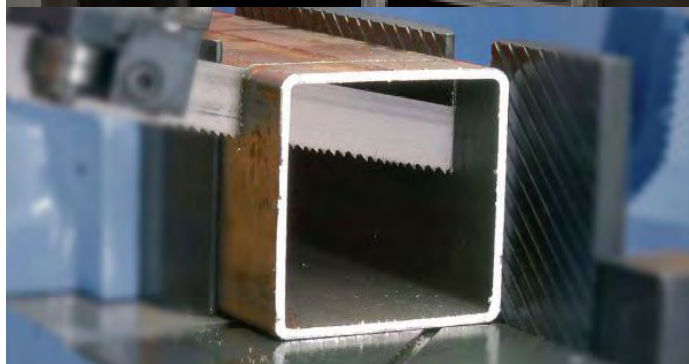
#### MITER CUTTING



#### EXTRA LARGE BEAMS







Versatile saw blade for cutting solids, tubes and structures

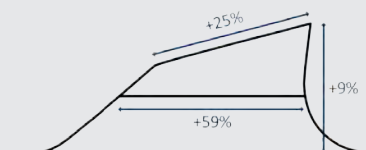
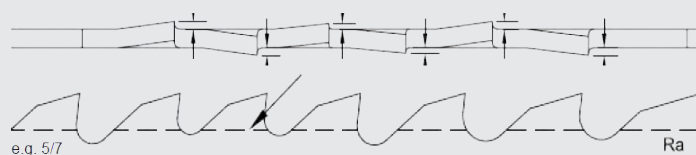
**Features and Benefits:**

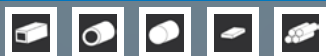
- Quiet cut
- High wear resistance
- Wide range of cutting applications
- "Heavy Set" teeth to prevent jamming
- Recommended for interrupted cuts
- Reinforced, break-resistant teeth
- Smooth surface finish

**Applications and Materials:**

- Production workshop
- Machine shop
- Manufacturer
- Small dimensions & thin-walled profiles
- For single or bundle cutting
- Easily machinable materials
- Solids, tubes and profiles

Width x Thickness		Teeth per Inch						
mm	Inch	12/16	8/11	6/9	5/7	4/6	3/4	2/3
20 x 0.90	3/4" x 0.035	■	■	■	■	■		
27 x 0.90	1" x 0.035	■	■	■	■	■	■	■
34 x 1.10	1 1/4" x 0.042		■	■	■	■	■	■

**Versatile and Varied Use**
**2° - 9° Rake Angle**




**NEW**



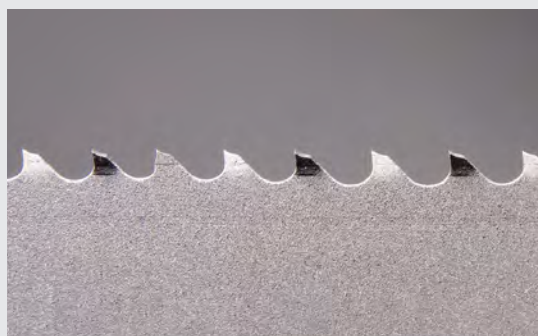
New bi-metal blade IDEAL for cutting structural steels, stainless steels and much more!  
Precise cuts thanks to the rake angle of the teeth!

**Features and Benefits:**

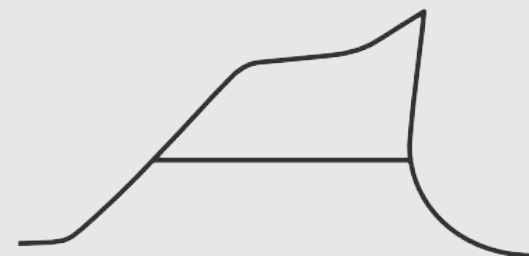
- Design of teeth optimized for cutting tubes, profiles and mix-materials
- Smooth and soft cut
- 6 to 8 ° degrees rake angle for precise cuts
- Protection against pinching
- Clean and precise cuts
- Reinforced tooth back. High resistance against tooth breaking
- Wear resistance

**Applications and Materials:**

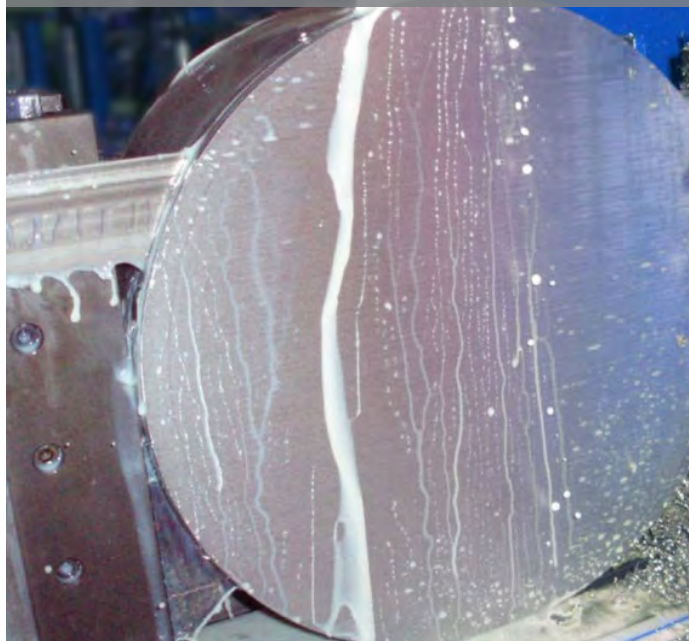
- General purpose
- Mix-Material, tubes and profiles
- Bundle or single cut
- Stainless steel
- Structural steel
- Easily machinable materials



**6 ° - 8 ° Rake Angle**



Width x Thickness		Teeth per Inch			
mm	Inch	5/8	4/6	3/4	2/3
27 x 0.90	1" x 0.035	■	■	■	■
34 x 1.10	1 1/4" x 0.042	■	■	■	■
41 x 1.30	1-1/2" x 0.050		■	■	■
54 x 1.60	2" x .063			■	■



Excellent for cutting solids and materials that are difficult to machine and cut.

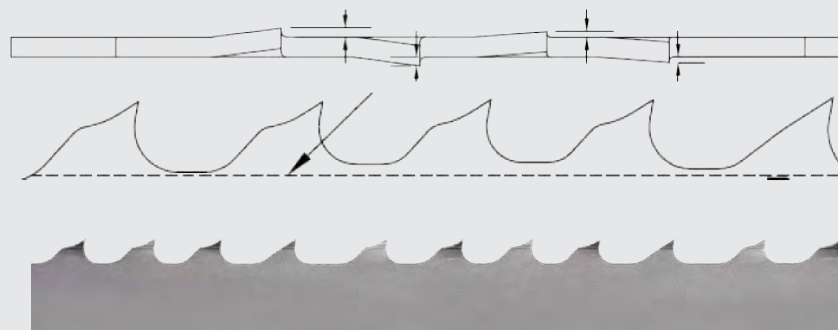
**Features and Benefits:**

- Quiet cuts and a smooth finish
- Unique tooth geometry and positive rake angle
- For sawing difficult to machine materials as well as stainless steel and exotic alloys

**Applications and Materials:**

- Steel cutting center
- Machining and maintenance workshop
- Manufacturer
- Solid material
- Inconel
- Stainless steel
- Tool steel (D2)
- Bronze
- Other exotic alloys

Width x Thickness		Teeth per Inch / Positive Angle					
mm	Inch	4/6	3/4	2/3	1.4/2	1.1/1.4	0.7/0.9
27 x 0.90	1" x 0.035	■	■	■			
34 x 1.10	1 1/4" x 0.042	■	■	■			
41 x 1.30	1 1/2" x 0.050	■	■	■	■		
54 x 1.30	2" x .050			■			
54 x 1.60	2" x .063		■	■	■	■	
67 x 1.60	2 5/8" x 0.062				■	■	■
80 x 1.60	3 1/8" x 0.062					■	■







**NEW**



Same performance as the Super SCL with hardened teeth for up to 50% faster cuts.

**Features and Benefits:**

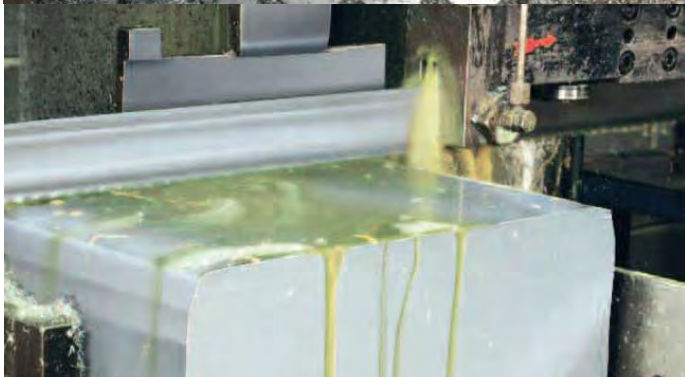
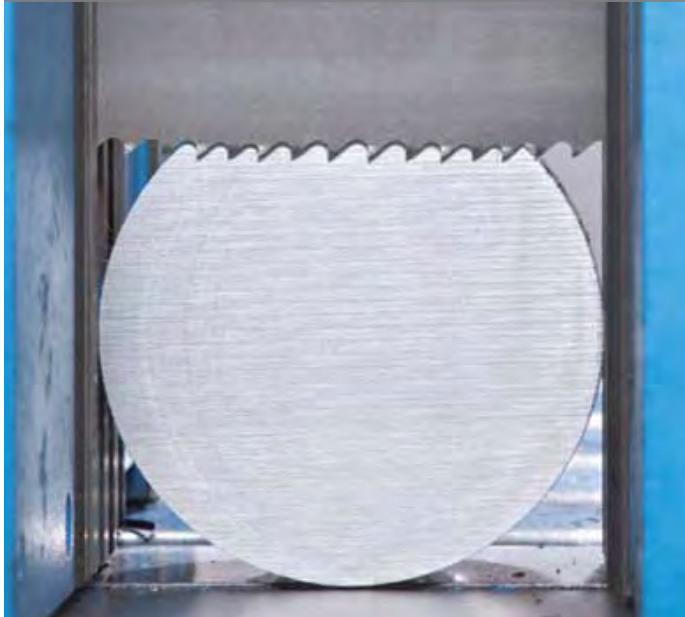
- With high quality coating for reduced cutting time, material up to 1000 N/mm<sup>2</sup>
- Unique tooth geometry
- Positive rake angle
- Quiet cut
- Smooth surface finish
- Fast cuts = 20 to 50% faster
- Long blade life expectancy. Very resistant to wear

**Applications and Materials:**

- Solid material
- Hard material
- Stainless steels

Width x Thickness		Teeth per Inch			
mm	Inch	2/3	1,4/2	1,1/1,4	0,7/0,9
41 x 1.30	1-1/2" x .050	■	■		
54 x 1.60	2" x .063	■	■	■	
67 x 1.60	2-5/8" x .063		■	■	■





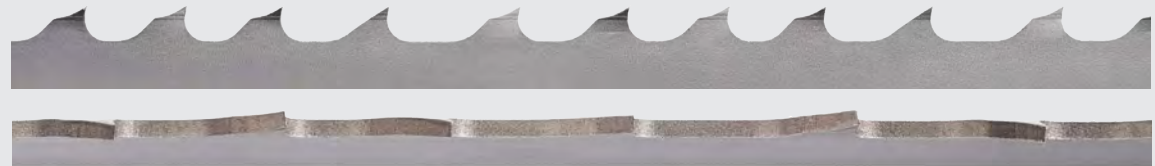
Perfect band saw for solids and difficult to machine and cut materials.

**Features and Benefits:**

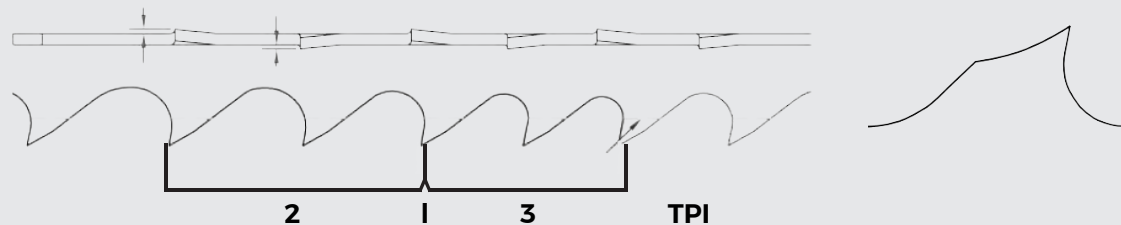
- Saw and cut continuously and regularly ("Smoothly")
- Ground teeth with unique tooth geometry
- More aggressive rake angle ( $11^\circ$ ) and positive angle for better penetration into the material.
- Very versatile blade
- Smooth, clean finish of cut materials
- Optimal chip formation
- Designed for sawing machines with constant and variable feed rate
- Quiet cut

**Applications and Materials:**

- Solid materiald
- Stainless steels
- Difficult to cut materials
- Rust and acid resistant materials
- General purpose
- Machining and maintenance workshop
- Manufacturer

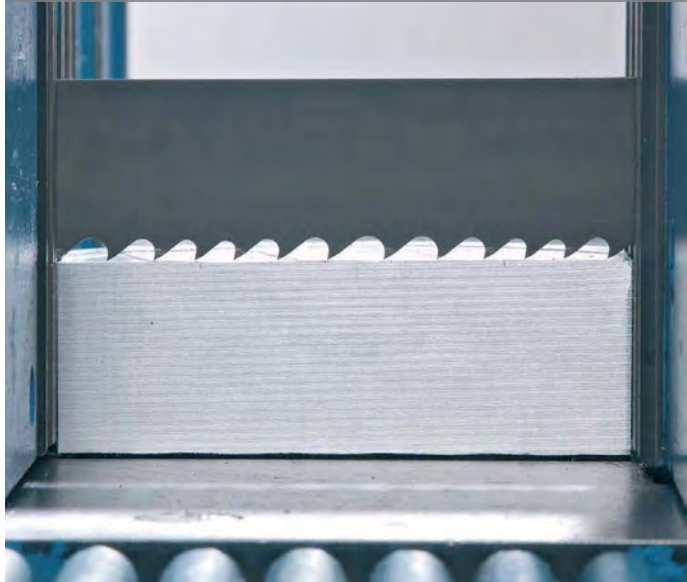


$11^\circ$



Width x Thickness		Teeth per Inch				
mm	Inch	3/4	2/3	1.4/2	1.1/1.4	0.7/0.9
34 x 1.10	1 1/4" x 0.042	■	■			
41 x 1.30	1 1/2" x 0.050	■	■	■		
54 x 1.60	2" x 0.062		■	■	■	
67 x 1.60	2 5/8" x 0.062			■	■	■
80 x 1.60	3 1/8" x 0.062				■	■





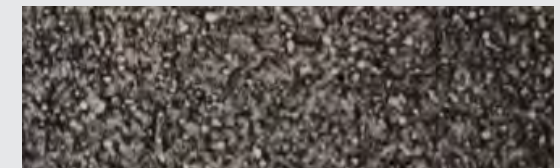
Band saw with a long service life. High-performance and durable.

**Features and Benefits:**

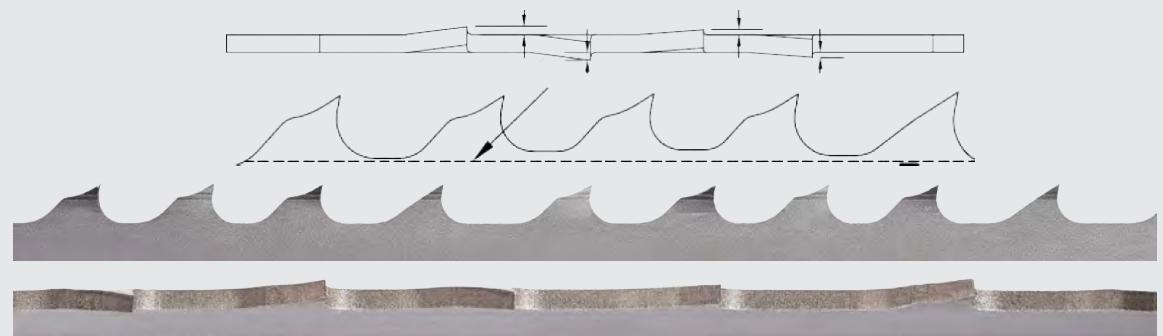
- Positive rake angle
- Unique and performant tooth geometry
- Reinforced tooth back
- Long blade life
- Excellent resistance in hard materials
- High-performance
- Smooth cutting surface

**Applications and Materials:**

- Solid material
- Inconel
- Stainless steel
- Tool steel (D2)
- Alloy steel
- Exotic and special alloys



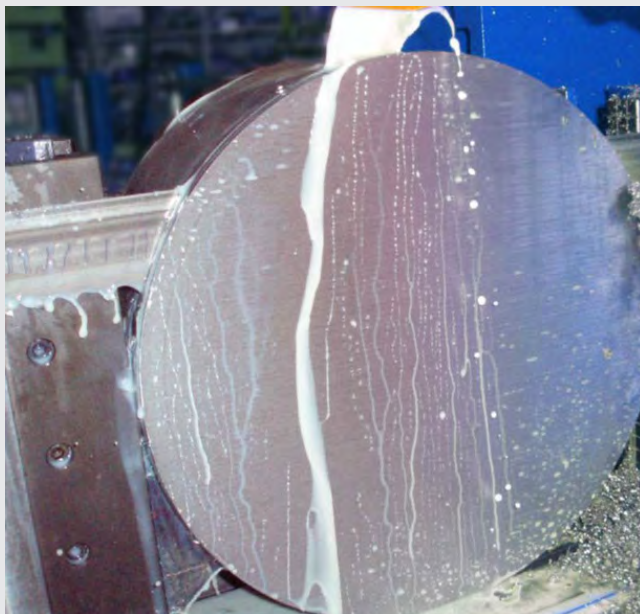
Width x Thickness		Teeth per Inch					
mm	Inch	4/6	3/4	2/3	1.4/2	1.1/1.4	0.7/0.9
27 x 0.90	1" x 0.035	■	■				
34 x 1.10	1 1/4" x 0.042	■	■	■			
41 x 1.30	1 1/2" x 0.050	■	■	■	■		
54 x 1.60	2" x 0.062		■	■	■	■	
67 x 1.60	2 5/8" x 0.062				■	■	■
80 x 1.60	3 1/8" x 0.062					■	■







# SINEWAVE TECHNOLOGY



## Unique Benefits

- Cuts 30-40% faster on work-hardened materials and metals
- Longer lifetime
- Compatible on any existing bandsaw machine
- Decreased vibration for a more consistent cutting rate

The SINEWAVE process can only be applied to welded band saws, not coil stock. All IDEAL bi-metal band saws are eligible.

## Entirely customisable

SINEWAVE parameters are engineered to meet any application or production requirements, optimizing the blade's performance across a wide range of materials.



# CARBIDE



HARD MATERIAL / CHROME

**CARBIDE  
NEGATIVE RAKE**



HIGH TEMPERATURE ALLOYS CUTTING

**CARBIDE SET  
TOOTH/FOUNDRY**



SMOOTH SURFACE FINISH

**TRIPLE CHIP**



ABRASIVE OR BONDED MATERIALS

**CARBIDE  
PARTICLES**





A blade with carbide negative rake teeth which provides more resistance while cutting hardened materials up to 65 Rc. Ideal bandsaw blade for high-efficiency cutting of hard chrome shaft and case hardened or induction hardened materials.

Its high heat resistance allows high-speed cutting even in large solids.

**Features and Benefits:**

- Easily cut the hardest materials
- Negative tooth tip rake angle provides greater tip strength able to penetrate hardened materials and surface coatings
- Extremely durable blade with a long lifespan
- High heat resistance allows high-speed cutting even in large solids
- Special tooth geometry designed for hard chrome bars
- Multi-chip unset carbide tipped bandsaw blade with unset teeth provide a superior finish, long life and eliminates secondary operations

**Applications and Materials:**

- For cutting hardened materials up to 65 Rc on powerful saws
- Chromed shafts
- Induction hardened shafts and bars
- Hardened materials

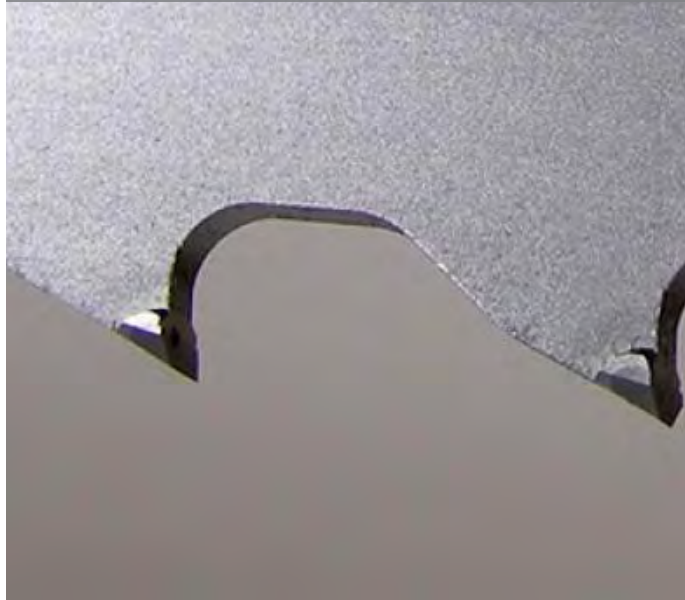
Corp: 47 RC à 49 RC  
47 RC to 49 RC Backer



Pointe de dent en  
carbure soudée : 92 HRc  
Welded Section  
Carbide Tip : 92 Ra

Width x Thickness		NEGATIVE - Teeth per Inch	
mm	Inch	2/3	3/4
27 x 0.90	1" x 0.050		■
34 x 1.10	1 1/4" x 0.042	■	■
41 x 1.30	1 1/2" x 0.05	■	■





Carbide Band saw blade for non-ferrous materials and abrasives. Excellent for cutting high temperature alloys. Designed for foundries, aerospace and forging houses.

## Features and Benefits:

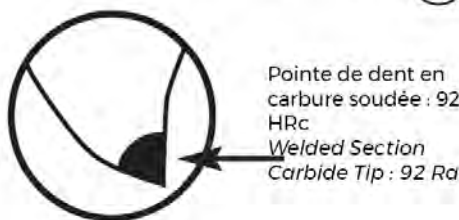
- Raker tooth set ensures straighter cuts at high speeds
- Lasts longer on tougher operations and harder abrasive materials
- Smooth and fast cutting
- Low cost per cut
- Straight and radius cutting
- Fast cutting
- Easy feeding
- Deflects chips away from machine operator
- Carbide-tipped teeth with triple set configuration for fast cutting, easy feeding

## Applications and Materials:

- Perfect for aluminium, gates and risers, magnesium, zirconium, beryllium, bronze, copper, abrasive materials and plastics
- Special design for foundry use, straight and radius cutting usage/type of cutting
- For use on smaller machines for difficult-to-cut materials

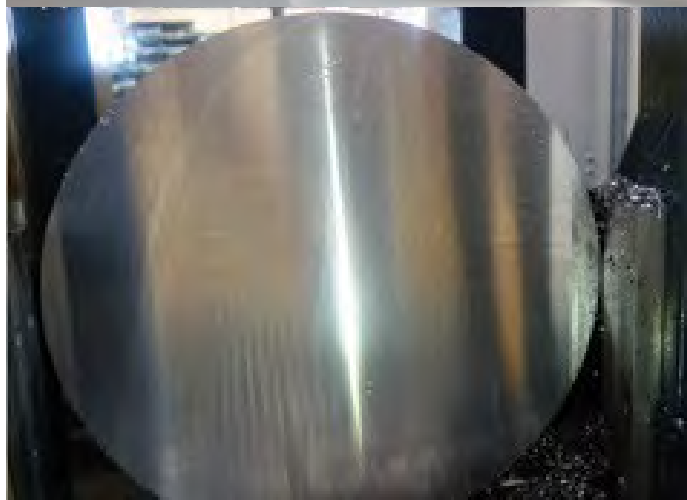


Corp. 46 RC à 48 RC  
46 RC to 48 RC Backer



Pointe de dent en  
carbure soudée : 92  
HRc  
Welded Section  
Carbide Tip : 92 Ra

Width x Thickness		Teeth per Inch		
mm	Inch	2	3	4
13 x 0.90	1/2" x 0.035		■	
20 x 0.90	3/4" x 0.035		■	■
27 x 0.90	1" x 0.035		■	■
34 x 1.10	1 1/4" x 0.042	■	■	



Corp: 47 RC à 49 RC  
Spring Tempered Backer



Pointe de dent en  
carbure soudée : 92 HRC  
Welded Section  
Carbide Tip : 92 Ra

Triple Chip bandsaw blade with carbide tipped teeth. Perfect solution for cutting applications requiring smooth surface finish and high production rates in materials that are hard to machine or cut.

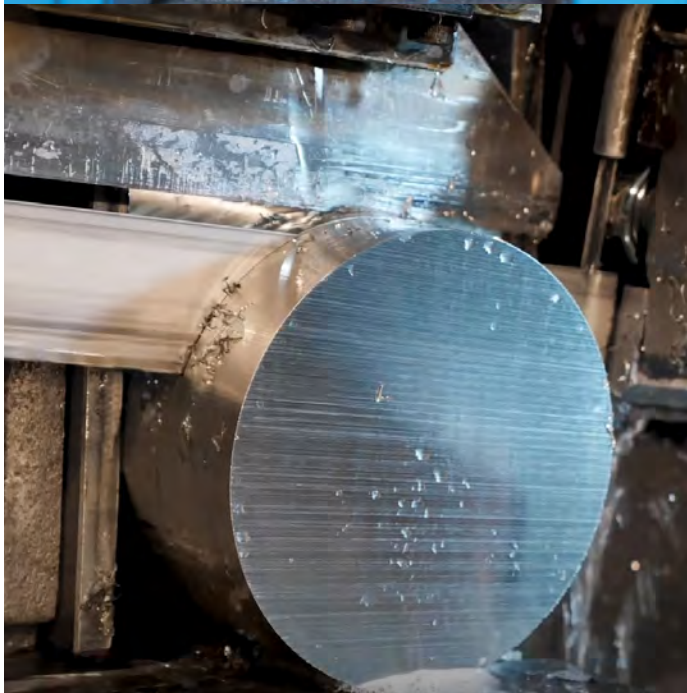
#### Features and Benefits:

- Smoother finish of cut materials
- Higher heat and abrasion resistance
- Longer cutting life
- Smooth, straight cut
- Deflects chips away from machine operator
- Carbide-tipped teeth with triple set configuration for fast cutting, easy feeding
- Improves cutting precision and provides a higher quality, smoother finish
- Provides increased beam strength and extended blade life

#### Applications and Materials:

- Carbide band saw blade for foundry use, for non-ferrous and abrasive materials
- Special design for foundry, straight cutting and radius cutting
- High efficiency cutting of difficult and abrasive materials
- This multi-chip carbide tipped bandsaw blade is efficient for titanium, stainless steel and tool steel
- Perfect for aluminium, gates and risers, magnesium, zirconium, beryllium, bronze, copper, abrasive materials and plastic
- Unset teeth provide a superior finish and long life

Width x Thickness		Teeth per Inch						
mm	Inch	0.5/0.8	2/3	3/4	1/1.25	1.4/2	1.9/2.1	3
27 x 0.90	1" x 0.035			■				■
34 x 1.10	1 1/4" x 0.042		■	■				
41 x 1.30	1 1/2" x 0.050		■	■		■	■	
54 x 1.60	2" x 0.062		■	■		■	■	
67 x 1.60	2 5/8" x 0.062				■	■		
80 x 1.60	3 1/8" x 0.062	■						



High-performance carbide particles bandsaw blade for cutting abrasive materials and bonded materials that cannot be cut easily by normal toothed bandsaw blades, for example: vehicle tires, graphite, brake linings, glass-fiber reinforced plastics, cables and ceramic tiles.

#### Features and Benefits:

- Available in 2 choices : continuous ou discontinuous
- Each choice is available in medium or coarse (large) grit
  - Coarse / Large = Remove more matter
  - Medium = Leaves a better finish
- Hardness of the granulometry 90/93 Ra
  - <1/4» Use a continuously coated cutting edge or on very friable materials
  - >1/4» Use a discontinuously coated cutting edge
- Extreme high heat and wear resistance
- Long life with durable edge
- Smooth and fast cut

#### Applications and Materials:

##### CONTINUOUS

- Stainless steel sheets, glass-fiber and honeycomb glass, glass blocks, nickel alloys, titanium

##### DISCONTINUOUS

- Aircraft floors and interiors (composites), aluminum oxide, carbon, graphite, cast iron, stones and minerals, tires, rubber, concrete panels and laminates

##### CONTINUOUS AND DISCONTINUOUS

- Tool steel, chrome, hardened metals

Width x Thickness		Teeth per Inch													
mm/TPI	Inch	.039 Kerf	.042 Kerf	.047 Kerf	.047 Kerf	.054 Kerf	.056 Kerf	.057 Kerf	.063 Kerf	.066 Kerf	.066 Kerf	.076 Kerf	.076 Kerf	.079 Kerf	.086 Kerf
		Fine	Med	Med	Med	Med	Med/ Coarse	Med	Med/ Coarse	Med/ Coarse	Med/ Coarse	Coarse	Coarse	Coarse	Coarse
		D	C	D	C	C	D	C	D	D	C	D	C	D	D
6 X 0.5	1/4 X .020		■												
10 X 0.6	3/8 X .025			■	■		■								
13 X 0.6	1/2 X .025	■		■	■		■								
19 X 0.8	3/4 X .032					■			■			■	■		
27 X 0.9	1 X 0.35							■		■	■			■	
34 X 1.1	1-1/4 X .042														■
41 X 1.1	1-1/2 X .050														■

D = Discontinuous    Med = Medium  
C = Continuous        Coarse = Large



**VERSATILE AND MULTI-USE**

**PROFLEX**



**WOOD AND METAL SAWING**

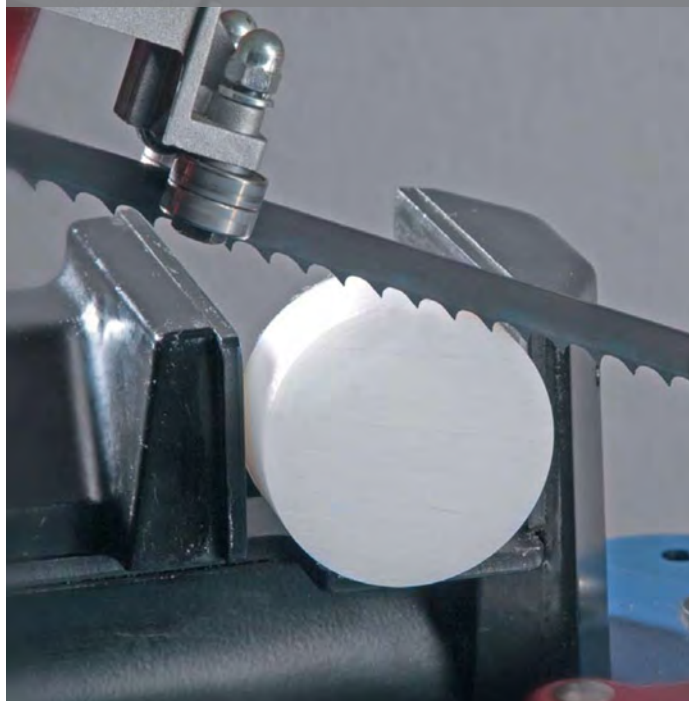
**DOUBLE TREMPE**



**WOODWORKING AND FURNITURE  
PRODUCTION**

**ELITE**





The IDEAL Proflex is a multipurpose carbon steel saw blade particularly suited for wood cutting and non-ferrous metal cutting. This is our most economical band saw.

**Features and Benefits:**

- Manufactured from a single piece of high carbon steel with individually hardened tooth tips
- A flexible back makes the blade more fatigue resistant and gives it a better lifetime
- Economical: Low cost-per-blade/low cost-per-cut
- Can be run at speeds up to 15.000 sfm (Surface feet per minute)
- Can be resharpened

**Applications and Materials:**

- Woodworking
- Machine shop
- Recommended for easy-to-cut materials
- Carbon and low alloy steel
- Brass
- Plastic
- Wood
- Bronze
- Aluminium
- Non-ferrous metal

Width x Thickness		Teeth per Inch						
mm	Inch	2	3	4	6	10	14	18
6.4 x .64	1/4 x .025			■	■	■	■	■
9.5 x .64	3/8 x .025		■	■	■	■	■	
12.7 x .64	1/2 x .025		■	■	■	■	■	
16 x .80	5/8 x .032			■				
19 x .80	3/4 x .032	■	■	■	■	■	■	
27 x .90	1.0 x .035	■	■	■				



The Idéal Double-Tempe is a High-grade carbon hard back bandsaw blade. It has been optimized for faster and straighter cuts for wood and metal sawing and cutting operations.

**Features and Benefits:**

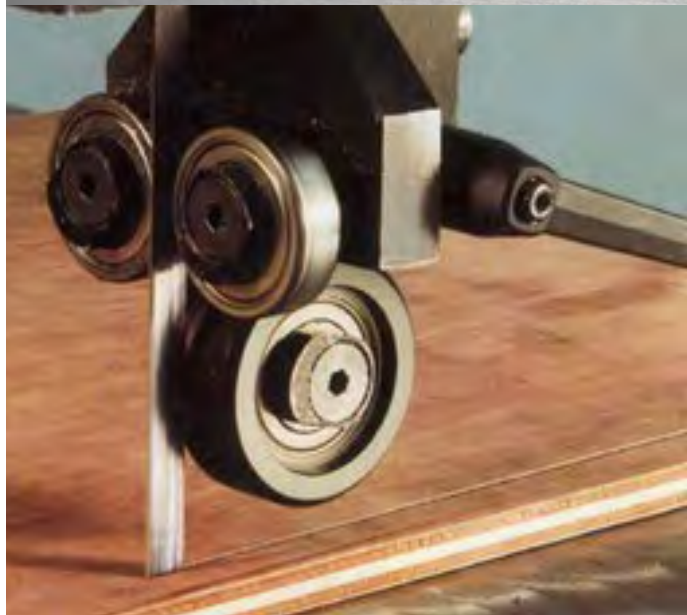
- Manufactured from a single piece of high carbon steel with individually hardened tooth tips
- Hardened tooth tips improves wear resistance
- Low cost-per-blade / Low cost-per-cut
- Stiffer than hard edge carbon Proflex bandsaw blade due to a hardened & tempered backer
- Particularly suited for operations in need of straighter cuts or heavier feed pressure
- Maximum recommended speed : 4000 sfm (Surface feet per minute)
- Perform well on easy cutting and machining materials
- Can be resharpened

**Applications and Materials:**

- Maintenance workshop
- Machine shop
- Manufacturing and production workshop
- Woodworking
- Carpentry
- Furniture and cabinet manufacturer
- Graphite
- Non-ferrous metals
- Wood
- Easy to machine carbon steel
- Plastic
- Plywood

Width x Thickness		Teeth per Inch		
mm	Inch	3	4	8
9.5 x .64	3/8 x .025	■	■	
12.7 x .64	1/2 x .025		■	■





Carbon band saw blade for woodworking and furniture and cabinetry manufacturer. The ELITE bandsaw blades offer faster cutting while maintaining precision and contour control required in the furniture industry.

**Features and Benefits:**

- This blade's special design provides faster cutting with longer tooth tip life and provides a smoother surface finish
- Can be resharpened for longer tooth life
- Positive tooth angle improves blade penetration to give you faster cuts
- Wider gullet (space between teeth) allow better chip removal
- Ideal for use on large, high-speed vertical cutting machines
- Elite blade offers all the precision and contour control required in furniture manufacturing

**Applications and Materials:**

- Woodworking
- Carpentry workshops
- Furniture and cabinet manufacturers
- All soft or hard woods (oak, maple, mahogany, walnut)
- Plywood panels
- Non-ferrous metals
- Cork
- Plastic

Width x Thickness		Teeth per Inch	
mm	Inch	3	4
12.7 x .80	1/2 x .032	■	■



# BANDSAW BLADES FOR PORTABLE SAWMILLS



**REFERENCE FORCE**  
DURABILITY AND LONGEVITY



**APEX RF**



**MAXIMUM PERFORMANCE**  
FLEXIBLE AND RESISTANT



**APEX MP**



**REFERENCE FORCE CHIP CRUNCH**  
FROZEN WOOD AND PALLETS



**APEX CC**



**SILICONE LIFE**  
ABRASION RESISTANT



**APEX SL**



**MATRIX**  
LARGE PRODUCTION AND DIFFICULT CUTS



**APEX MTX**





# THE IDEAL APEX BANDSAW BLADE FAMILY

## For Portable Sawmills

IDEAL APEX RF Reference Force	IDEAL APEX MP Maximum Performance	IDEAL APEX CC Reference Force Chip Crunch	IDEAL APEX SL Silicone Life	IDEAL APEX MTX Matrix
<p>Top rated seller</p> <p>Longevity Durabilité Sustainability Re-sharpenable Very flexible Better sawing precision Impeccable finish Very little loss of material</p> <p>This blade is found on all models of mills and sawmills</p>	<p>Perfect carbon blade for use on less powerful/weaker portable sawmills/sawmills</p> <p>Flexible bands suitable for small flywheels</p> <p>Special alloy that provides exceptional strength and longevity of the blade</p> <p>Individually hardened hook tooth tips</p>	<p>Slitting blade designed to remove more saw dust</p> <p>Removes dust and chips between planks</p> <p>Blade recommended for cutting frozen wood and cutting recycled pallets (with nails and screws)</p> <p>Its very sharp induction hardened teeth offer sawing precision and performance</p>	<p>Blade with the highest silicon content</p> <p>Very resistant to abrasion</p> <p>It has ground teeth, which promotes chip evacuation</p>	<p>Same quality as the Apex RF but also with bi-metal technology (M42)</p> <p>The right choice for high production and difficult cutting conditions</p> <p>Very resistant to abrasion</p>
<p>For all hardwoods, softwoods or resinous woods For laminates Exotic woods</p>	<p>For all hardwoods, softwoods or resinous woods For laminates</p>	<p>Hardwoods and softwoods Logs, planks and pallets Frozen woods</p>	<p>For all hardwoods, softwoods or resinous woods For laminates</p>	<p>For all hardwoods, softwoods or resinous woods Exotic woods</p>







The APEX RF is a favorite among mill owners and portable sawmills. Swedish-made and made from the most efficient steel in the world, the Apex RF offers the best value for money and the best performance.

**Features and Benefits:**

- Better sawing accuracy and surface finish
- Grinding-ground teeth, superior cutting edge
- Cleaner cutting
- Longer blade lifetime and very little material waste
- Can be resharpened multiple times

**Applications and Materials:**

- For pallet resaws and portable sawmills and woodworking and carpentry
- For splitting logs on portable and fixed mills
- Bandsaw blades suitable for all flywheel diameters
- Hardwoods, softwoods and laminates
- Exotic wood, African wood

Width x Thickness		Teeth per Inch		
mm	Inch	1	1.1	2
27 x 0.90	1" x 0.035			■
32 x 0.90	1 1/4" x 0.035		■	
32 x 1.05	1 1/4" x 0.042		■	
38 x 1.10	1 1/2" x 0.043		■	
38 x 1.30	1 1/2" x 0.050	■		
50 x 1.10	2" x 0.043	■	■	



**MAXIMUM PERFORMANCE -  
FLEXIBLE AND RESISTANT**



**APEX MP** MAXIMUM PERFORMANCE CODE 18

**FOR PORTABLE SAWMILLS**

A versatile band saw. The Apex MP blades are versatile band saw blades offering high value in a variety of wood cutting applications. Blades are manufactured from a single piece of high carbon steel with individually hardened tooth tips and hooked teeth.

**Features and Benefits:**

- Blade for miter cutting
- The special alloy offers exceptional resistance (long life)
- Individually hardened hook tooth tips
- High-quality resharpenable blade
- Affordable. Very low cost-per-cut

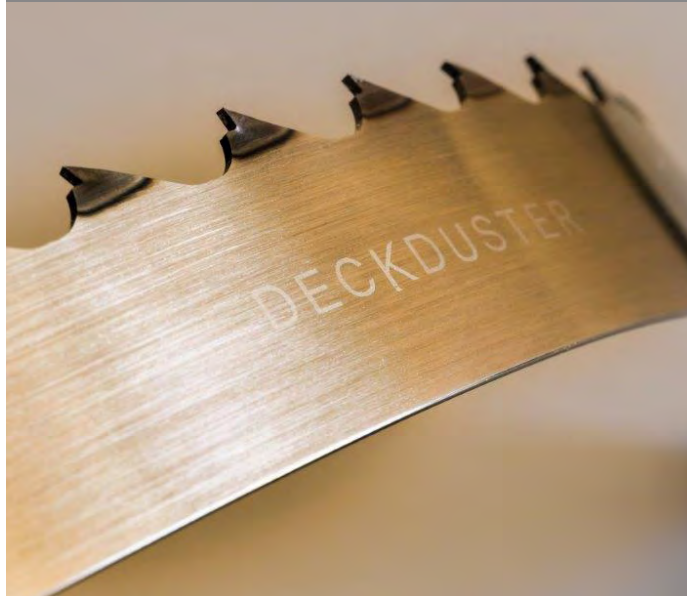
**Applications and Materials:**

- Grade and pallet stock resaws on low power portable sawmills
- Flexible bands suitable for the small flywheels of these machines
- Perfect for portable or stationary sawmills, mobile sawmills, resaws, etc
- For hardwoods, softwoods, resinous woods and laminates

Width x Thickness		Teeth per Inch
mm	Inch	1.3
27 x 0.90	1" x 0.035	■
32 x 0.90	1 1/4" x 0.035	■
32 x 1.05	1 1/4" x 0.042	■
50 x 0.90	2" x 0.035	■



## REFERENCE FORCE CHIP CRUNCH - FROZEN WOOD AND PALLETS



## APEX CC REFERENCE FORCE CHIP CRUNCH CODE 21

## FOR PORTABLE SAWMILLS

The APEX CC is a slitting blade for sawmills. It has been designed for cutting frozen wood and recycled wooden pallets.

### Features and Benefits:

The APEX CC has been designed to remove more saw dust to decrease the risk of mold on the finished product.

The teeth of the APEX DD are manufactured with a unique and patented grinding method.

Their very sharp induction hardened teeth will give you higher yields, better sawing accuracy, surface finish and longer running time.

### Applications and Materials:

- Wood and recycled wooden pallets (with nails)
- Slitting saws
- Portable sawmills
- Effective for frozen wood
- Removes sawdust and chips between planks

Width x Thickness		Teeth per Inch		
mm	Inch	1.0	1.1	1.3
27 x 0.90	1" x 0.035			■
32 x 1.05	1 1/4" x 0.042		■	■
38 x 1.25	1 1/2" x 0.05	■		

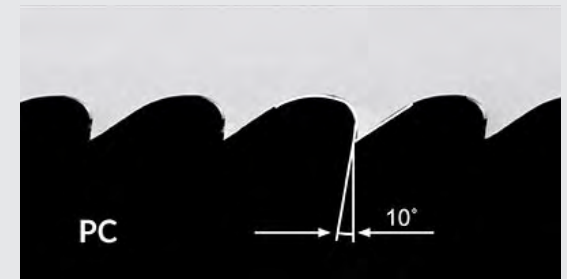




Versatile bandsaw blade with a high silicon content in its carbon steel. The APEX SL's ground tooth promotes chip evacuation and is very resistant to abrasion. The APEX SL offer high value in a variety of wood cutting applications. Blades are manufactured from a single piece of high carbon steel with individually hardened tooth tips.

**Features and Benefits:**

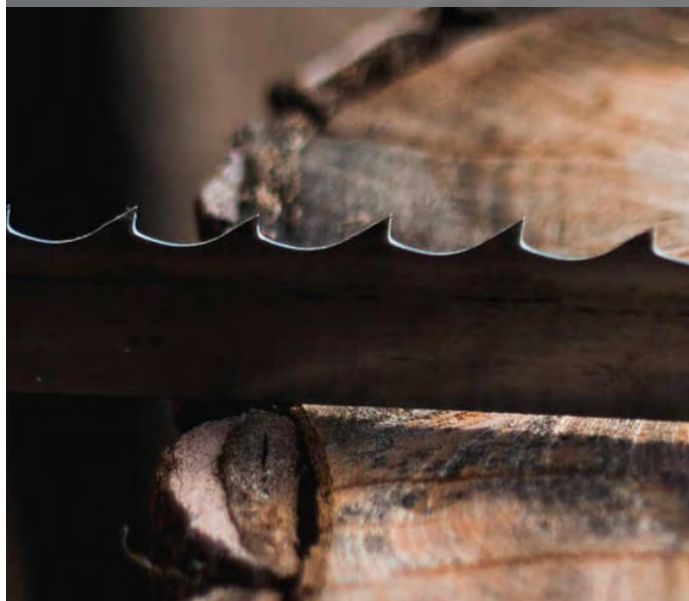
- Bandsaw blade with a high silicon content in its carbon steel
- Very resistant to abrasion
- Its ground teeth promote chip evacuation
- Specially made for log sawing in mobile sawmills


**Applications and Materials:**

- For all hardwoods, softwoods or resinous woods
- For laminates
- Perfect for portable or stationary sawmills, slitting saws, etc



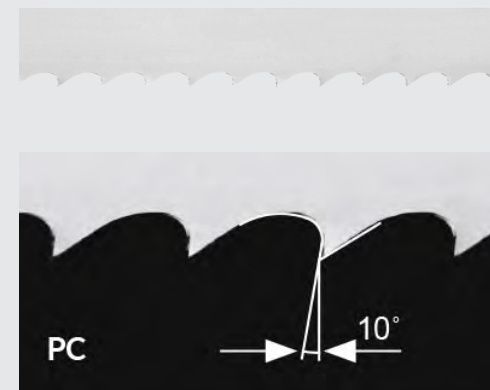
Width x Thickness		Teeth per Inch
mm	Inch	1.1
32 x 1.05	1 1/4" x 0.042	■



Bi-metal band saw blades for portable sawmills. Specifically designed for difficult to cut wood. Resists abrasion and performs on exotic wood.

**Features and Benefits:**

- Same quality as the Apex RF but also with bi-metal technology (M42)
- The right choice for high production and difficult cutting conditions
- Resists high cutting speeds and wear very well
- Very resistant to abrasion
- Perfect for portable sawing operations where speed is as high a priority as convenience
- Great choice for big productions

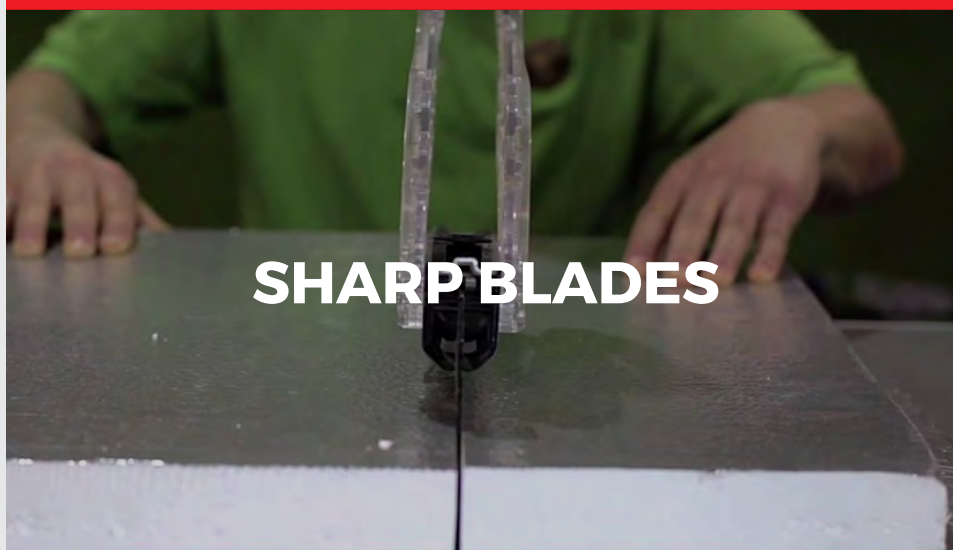


**Applications and Materials:**

- For hardwood, softwood, deciduous wood or resinous wood
- Exotic wood
- Portable sawmills

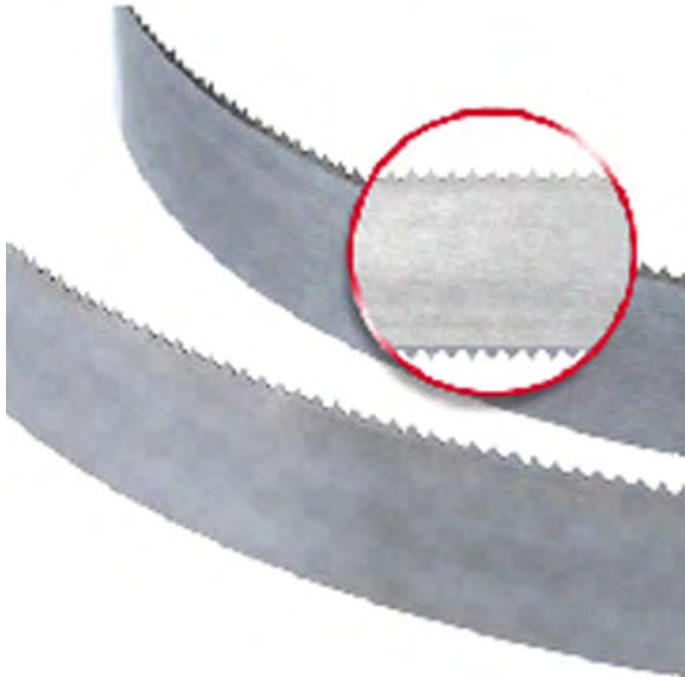
Width x Thickness		Teeth per Inch
mm	Inch	1.1
32 x 1.05	1 1/4" x 0.042	■

**FOAM, FOOD, INSULATION, PLASTIC AND  
SPECIALIZED INDUSTRIAL APPLICATIONS**



Sharp Blades are the best solution for cutting foam, synthetic foam, insulating materials, polyurethane, composites, plastics. etc. These blades slice into the materials leaving little or no residue and dust. When cutting, the cutting blades do not generate any loss of material.





Our V-Tooth bandsaw blade is ideal for cutting through a wide range of foam types. The blade's teeth work to penetrate material, which provides a faster cut while still creating minimal dust or waste. V-Tooth blades also eliminate the need for a sharpening or grinding system within your cutting machinery.

A 14 teeth per inch (TPI) V-Tooth blade is the most common size for foam cutting, but if you're looking for a more aggressive cut, we recommend a 10 TPI blade. A lower TPI results in a bigger tooth, and a blade with bigger teeth slices more aggressively through dense or rigid foams.

### Applications and Materials:

- Medium to High-Density Foam
- Packaging Materials
- Plastic Film
- Aluminum Honeycomb
- Media Filter
- Sponges
- Bread & bun slicing

### V-Tooth

Width x Thickness		Teeth per Inch (TPI)							
		Single Edge				Double Edge			
mm	Inch	10	12	14	18	10	12	14	18
6 x 0.5	1/4 x .020			■				■	
10 x 0.45	3/8 x .018			■				■	■
10 x 0.5	3/8 x .020	■		■				■	
13 x 0.5	1/2 x .020	■	■	■		■	■	■	
13 x 0.65	1/2 x .025			■				■	
15 x 0.45	5/8 x .018	■		■		■		■	■
15 x 0.5	5/8 x .020	■		■		■		■	
19 x 0.5	3/4 x .020	■		■		■		■	
19 x 0.65	3/4 x .025			■					
25 x 0.5	1 x .020	■		■				■	
30 x 0.45	1-1/4 x .018	■		■					
30 x 0.5	1-1/4 x .020	■		■					
38 x 0.5	1-1/2 x .020			■					

**Double Edge Single Bevel (VSSB)**



**Single Edge Single Bevel (VSB)**



**Double Edge Double Bevel (VDDB)**



**Single Edge Double Bevel (VDB)**





Known for its versatility, Our Narrow sharp blade is designed to slice and peel a variety of soft products. Its finely sharpened edge results in a consistently smooth finish every time for every application. The carbon steel blade (also available in stainless steel) will also retain its edge for longer when used with grinding wheels specifically matched to the steel type and slicing application.

### Applications and Materials:

- Low-density foam
- Rubber
- Fabric packaging materials
- Insulation material
- Vegetables
- Cheese
- Boneless meat products
- Silk paper

### Tranchant étroit

Width x Thickness		Single Edge	Double Edge
mm	Inch		
3 x 0.45	.118 x .018	■	
3 x 0.6	.118 x .0236	■	
3.6 x 0.6	.141 x .0236	■	
3.8 x 0.7	.150 x .028	■	
4.5 x 0.65	.177 x .025	■	
4.5 x 0.8	.177 x .032	■	
4.8 x 0.5	3/16 x .020	■	
6 x 0.5	1/4 x .020	■	■
10 x 0.45	3/8 x .018	■	■
10 x 0.5	3/8 x .020	■	■
13 x 0.5	1/2 x .020	■	■
13 x 0.65	1/2 x .025	■	■
13 x 0.8	1/2 x .032	■	
15 x 0.45	5/8 x .018	■	■
15 x 0.5	5/8 x .020	■	■
19 x 0.45	3/4 x .018	■	■
19 x 0.5	3/4 x .020	■	■
19 x 0.65	3/4 x .025	■	■
19 x 0.8	3/4 x .032	■	
25 x 0.5	1 x .020	■	■
25 x 0.65	1 x .025	■	■
25 x 0.8	1 x .032	■	
30 x 0.45	1-1/4 x .018	■	■
30 x 0.5	1-1/4 x .020	■	■
30 x 0.65	1-1/4 x .025	■	
30 x 0.8	1-1/4 x .032	■	
38 x 0.5	1-1/2 x .020	■	
38 x 0.6	1-1/2 x .0236	■	
38 x 0.65	1-1/2 x .025	■	
38 x 0.8	1-1/2 x .032	■	
38 x 0.9	1-1/2 x .035	■	

Double Edge Single Bevel (KSSB)



Single Edge Single Bevel (KSB)



Double Edge Double Bevel (KDDB)



Double Edge Single Bevel (KDB)





Produced from high carbon steel, our wide sharp blade is designed to fit a wide variety of machinery. This allows it to withstand variable feed rates while still maintaining a sharp edge throughout slicing, splitting, or peeling operations.

### Tru-Trak, Ultra Tru-Trak and Max-Track Finish

We offer Wide Sharp Blades in both Tru-Trak and Ultra Tru-Trak finishes. While Tru-Trak blades are finished on the front and back edges to aid in the tracking of the blade, our premium Ultra Tru-Trak blades are finished on all surfaces to ensure better tracking and minimal blade movement during machine operation. For extremely tight tolerance cutting applications, we recommend using Max-Track blades for the highest quality finish available.

### Applications and Materials:

- All foam types
- Leather
- Carpet recycling
- Rubber
- Cork
- Textiles

**Double Edge Single  
Bevel (KSSB)**



**Single Edge Single  
Bevel (KSB)**



**Double Edge Double  
Bevel (KDDB)**



**Double Edge Single  
Bevel (KDB)**



### Tranchant large

Width x Thickness		Finish Options		
mm	Inch	Tru-Trak	Ultra Tru-Trak	Max-Track
50 x 0.6	2 x .0236		■	
50 x 0.65	2 x .025	■		
50 x .08	2 x .031	■	■	
52 x 0.9	2-1/16 x .035	■		
60 x 0.6	2-3/8 x .025	■	■	■
60 x 1	2-3/8 x .040		■	■
64 x 0.9	2-1/2 x .035	■		
70 x 0.9	2-3/4 x .035	■		
76 x 0.9	3 x .035	■		
80 x 0.6	3-5/32 x .236	■	■	■
80 x 1	3-5/32 x .040	■	■	■
85 x 1	3-3/8 x .040	■	■	■
85 x 1.2	3-3/8 x .047	■	■	
90 x 1	3-1/2 x .040	■		
95 x 1.2	3-3/4 x .047	■	■	
100 x 1.2	4 x .047		■	





The Scallop sharp blades are available in high-quality carbon steel as well as stainless steel. Scallop blades deliver consistent cuts with a clean finish every time, with less dust and maximum performance.

### Applications and Materials:

- Medium to High-Density Foam
- Memory Foam
- Insulation Material
- Boneless Meat
- Bread
- Rubber
- Transformer Coils
- Cardboard
- Packaging Film and Coil
- Plastic Film
- Cardboard Tubes
- Fiberglass

### Pitch Options :

Pitch is the distance from point to point. Our standard Scallop blade has a 1/2" pitch. We also have 1/4" and 3/8" pitches available.



### Scallop

Width x Thickness		Pitch Options					
		Single Edge			Double Edge		
mm	Inch	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
6 x 0.5	1/4 x .020			■			
10 x 0.4	3/8 x .016		■	■			
10 x 0.5	3/8 x .020			■			
11 x 0.4	7/16 x .016	■		■			
13 x 0.5	1/2 x .020		■	■			■
13 x 0.65	1/2 x .025			■			■
13 x 0.8	1/2 x .032			■			
15 x 0.45	5/8 x .018			■			■
15 x 0.5	5/8 x .020			■			
15 x 0.56	5/8 x .022			■			
15 x 0.65	5/8 x .025			■			
19 x 0.5	3/4 x .020	■	■	■			■
19 x 0.65	3/4 x .025			■			
19 x 0.8	3/4 x .032			■			
19 x 0.9	3/4 x .035			■			
25 x 0.5	1 x .020	■		■			
25 x 0.65	1 x .025			■			
25 x 0.8	1 x .032			■			
25 x 0.9	1 x .035			■			
30 x 0.45	1-1/4 x .018			■			
30 x 0.5	1-1/4 x .020			■			
30 x 0.8	1-1/4 x .032			■			
38 x 0.9	1-1/2 x .035			■			

Double Edge Single Bevel (SSSB)



Single Edge Single Bevel (SSB)



Double Edge Double Bevel (SDDB)



Double Edge Single Bevel (SDB)



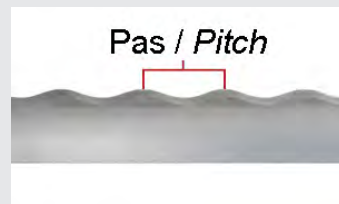


The Wavy Sharp Blade provides a nearly dust-free cut through low-density foams and for cutting some medium-density foams.

Its penetrating ability makes the Wavy blade ideal for cutting fabric and other fibrous materials. This is mostly due to the blade's razor-sharp crests, which can slice through material without pulling at the individual fibers like a toothed blade might.

## Pitch Options :

Pitch is the distance from point to point. Our standard Wavy Edge blades are double beveled with a 3/4" pitch. However, a 1/2" pitch is also available upon request.



## Applications and Materials:

- Cardboard
- Low-density foams
- Foam rubber products
- Fabric
- Felt
- Fibrous materials
- Fiberglass
- Media filter
- Leather
- Paper
- Sponges
- Vinyl

## Single Edge Single Bevel (WSB)



## Double Edge Single Bevel (WDB)



Width x Thickness		Standard Sizes
mm/TPI	Inch	Single Edge
6 x 0.5	1/4 x .020	■
13 x 0.5	1/2 x .020	■
13 x 0.65	1/2 x .025	■
13 x 0.8	1/2 x .032	■
15 x 0.5	5/8 x .020	■
19 x 0.5	3/4 x .020	■
19 x 0.65	3/4 x .025	■
25 x 0.5	1 x .020	■
25 x 0.8	1 x .032	■
30 x 0.65	1-1/4 x .025	■



# CIRCULAR SAW BLADES



## FERROUS METALS

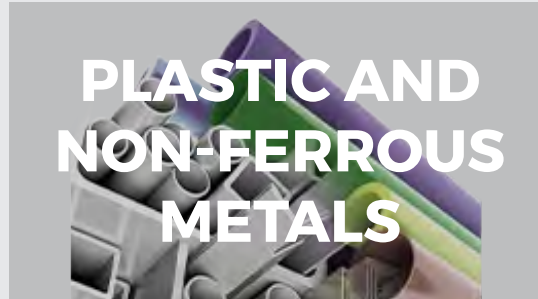


Industrial metal cutting saw blades. Ideal for cutting ferrous metals on dry cut mitre saws.

Good for insulating foam boards with steel cladding.

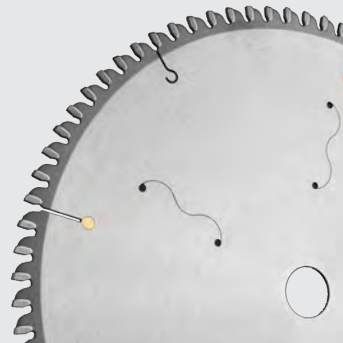


## PLASTIC AND NON-FERROUS METALS



Circular sawing blade for :

- Non-ferrous metal
- Plastic
- Laminated panels
- Fiberglass
- Aluminium



## WOOD BASED MATERIALS



- Thin kerf saw blade
- Thin rim saw blade
- Nail biter saw blade
- Mitre joint saw blade
- Combination saw blade
- Radial arm saw blade
- Rip saw blade
- Scoring saw blade
- Glue joint saw blade
- Top saw blade
- Saw blade for laminated panels
- Crosscut saw blade
- General purpose saw blade







# MECAPRO MOBILE MAINTENANCE TEAM



## Preventive and Corrective Maintenance Services

Entrust your machine's repair and maintenance to the expert hands of the Montfort technicians.



An increase in production with well maintained and mechanical failure-free equipment



Preventive maintenance according to the manufacturer's specifications



Various services and repairs on different types of machine and tools such as drilling and milling machines



Installation, integration and modifications of your equipment and machines



Reduced downtime and non-compliant products



Industrial safety and turnkey installation service of machine safety guards and perimeter safety guarding systems for hazardous areas



# GET MORE PERFORMANCE



With the right sawing machine and GLOBE lubricant for YOUR application.



## Our Bandsawing Machines

We offer you a wide range of sawing and cutting machines for various fields of application:

- Ferrous metal and non-ferrous metal
- Steel frame
- Aluminum foundry
- Composite material
- Memory foam and insulation materials
- Portable sawmills
- Maintenance workshops
- Woodworking workshops and furniture factories

Our team has a varied set of skills and expertise, which allow us to stand out by offering complete turnkey solutions and quality technical support to our clients.

- Manual
- Automatic
- Semi-automatic
- CNC
- Used
- Cutting machines



# BIANCO



## Our GLOBE Lubricants

GLOBE Lubricants are formulated to ensure the best performance according to the following criteria:

- Low cost
- Low environmental impact
- Improved tool longevity
- Safe for workers
- Cleanliness

We will find you the right lubricants and filtration equipments for your application.

Globe range:

- Oil mist filtration equipments
- Liquid coolant/filters
- Coolant recycling systems
- Cleaning equipment for coolant tanks
- Micro-lubricant (Unist minimum quantity system)
- Metal-working lubricants, biodegradable
- Industrial maintenance oils and even more





# VAP - VALUE ADDED PROGRAM



At Montfort, we are interested in the long-term success of our customers. That's why our team has developed a unique partnership program tailored to each of our valued customers:

the VAP - Value Added Program

Our partnership is reflected in the flexibility we offer you.

## VAP benefits

- Stabilize your supply costs and reduce the risk of stockouts
- Exceptional support and training of your production team
- A self-managed inventory plan: stock reserve in our warehouses and delivery of your products on request (release on purchase orders)

## Included in our Agreements

- Optimization of delivery times
- Optimization of the settings of your sawing machines according to your operations and materials





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