CARBIDE TIPPED BAND SAW BLADES

MANUFACTURED AND MARKETED BY
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PRODUCT INTRODUCTION

- With ultra-fine carbide grains as tooth materials and quality spring steel as backing materials, ESPADA products are manufactured and processed with high-precision CNC cutting technology and other core technologies such as precision welding, fine grinding process, and patented heat treatment technology, all of which effectively improve their cutting performances and efficiencies. Accordingly, our products stand out in many aspects, including high-strength backing materials and highly wear-resistant tooth tips with high hardness.

- **Carbide tipped band saw blades:** Fausto, ACAR -S, ACAR-G , and woodworking types; different tooth types are made from different materials and geometry designs.

- Applications: difficult-to-cut materials such as high-temperature alloy, nickel-based alloy, case-hardened steel, stainless steel, non-ferrous metals, aluminum plate, and other materials including titanium alloy, tool & mold steel, heat-resistant stainless steel, copper alloy, aluminum alloy, and wood, etc.

CARBIDE TIPPED BAND SAW BLADES

TOOTH TYPES

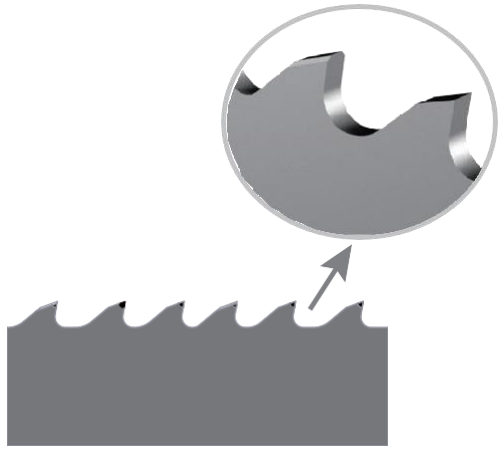
FAUSTO Type

ACAR-S Type

ACAR-G Type

FAUSTO TYPE

FEATURES

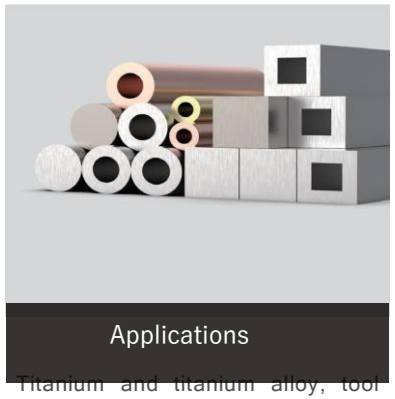


SPECIFICATION	TPI								
Width x Thickness (mm)	3/4	3	2/3	2/3(+)	2	1.7/2.5	1.4/2.0	1.0/1.5	0.75/1.2
27X0.9	●	●	●	●	●				
34X1.1	●	●	●	●	●				
41X1.3	●		●	●		●	●		
54X1.6				●		●	●	●	●
67X1.6				●			●	●	●
80X1.6							●	●	●

● Represents regular stock—other specs on request.

High-End Carbide Grains

The tooth materials are high-end ultra-fine carbide grains. The impact resistance of the tooth is significantly improved through the advanced automatic welding process and technology, which can effectively reduce tooth breakage.

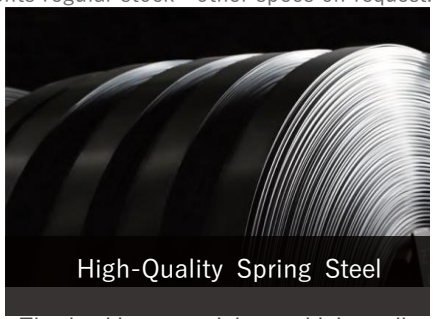


Applications

Titanium and titanium alloy, tool steel, stainless steel, copper alloy, graphite, and other materials.

Special Tooth Design

With the special tooth geometry design, metal chips produced by sawing are of uniform size, which can effectively decrease the cutting pressure.

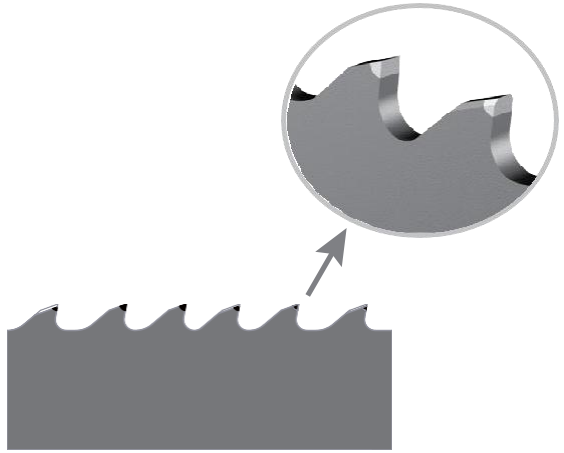


High-Quality Spring Steel

The backing materials are high-quality alloy spring steel, which have superior anti-fatigue performance, toughness, and strength after being processed with advanced equipment and heat treatment technology.

ACAR -S Type

FEATURES



Specifications	TPI						
Width x Thickness (mm)	3/4	2/3	2/3 (+)	1.7/2.5	1.4/2.0	1.0/1.5	0.75/1.25
27x0.9	●	●					
34x1.1	●	●	●				
41x1.3	●	●	●	●	●		
54x1.6	●		●	●	●	●	●
67x1.6	●		●		●	●	●
80x1.6					●	●	●

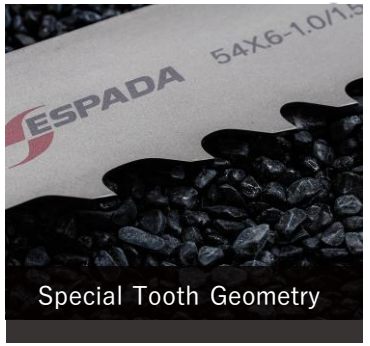
● Represents regular stock. Other specs on request.

High-End Carbide Grains Tooth Materials

The tooth materials are high-end ultra-fine carbide grains. The impact resistance of the tooth is significantly improved through the advanced automatic welding process and technology, which can effectively reduce tooth breakage.

Special Tooth Geometry

The superior spring steel backing materials have excellent anti-fatigue performance, toughness, and strength after being processed with advanced equipment and heat treatment technology.



Special Tooth Geometry

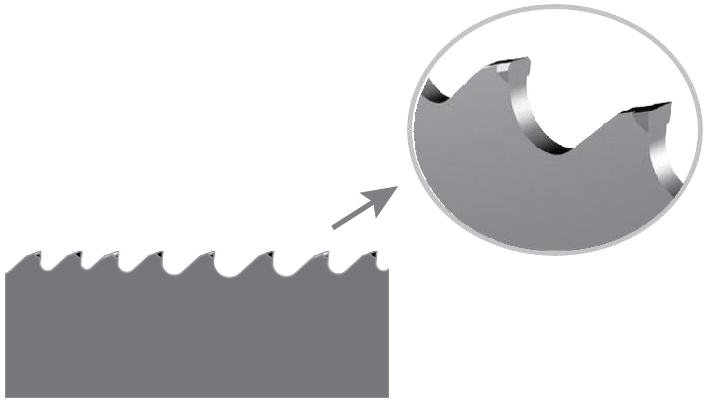
The new tooth geometry design increases the sawing efficiency and decreases the cutting pressure

Applications

High-temperature alloy, nickel-based alloy, case-hardened steel, stainless steel, and other difficult-to-cut materials.

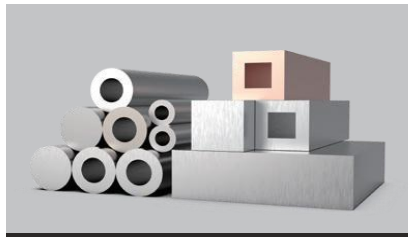
ACAR -G Type

FEATURES



Specifications	TPI	
Width x Thickness (mm)	2/3	1.4/2.0
27x0.9	●	
34x1.1	●	
41x1.3	●	●
54x1.6		

● Represents regular stock. Other specs on request.

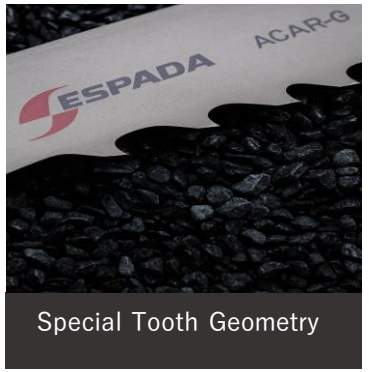


Applications

Non-ferrous metals, aluminum, aluminum ingot, copper, copper alloy, etc.

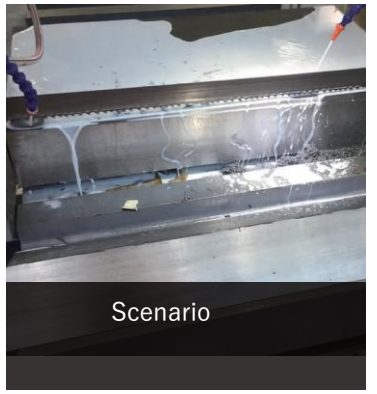
CNC Grinding Technology

The high-precision CNC grinding technology features good working accuracy and can fully leverage the advantages of the tooth geometry design



Special Tooth Geometry

The new tooth geometry design increases the sawing efficiency and decreases the cutting pressure



Scenario