



## SAWING PRODUCTS

# DOALL BI-METAL BLADES. THERE'S NOTHING WE CAN'T CUT!

If you're looking for an industrial band saw blade that sets the standard for strength, flexibility and performance, consider buying DoALL bi-metal saw blades from DGI Supply. We've served as industry leaders in the sawing product manufacturing industry for over 90 years, giving us the extensive expertise needed to create innovations and custom technological solutions. In addition to inventing the first metal-cutting bandsaw, we're also the only company in the world that manufactures saw blades and machines.

## WHAT IS A BI-METAL BLADE?

Bi-metal blades are band saw blades comprising two different types of metal, as the name suggests. The toothed edge of the blade is made of high-speed steel, while the blade's body is constructed of spring steel. Both sections are welded together, forming a single blade. This industrial band saw blade is primarily used for cutting different metals.

## BENEFITS OF USING INDUSTRIAL BAND SAW BLADES

### PROLONGED BLADE LIFE

A bi-metal saw blade's edge stays sharper for considerably longer than standard carbon blades.

### FLEXIBILITY

Due to their spring steel constructions, bi-metal blades are able to bend without breaking, remaining flexible without comprising durability or resiliency.

### GREATER CUTTING CAPABILITIES

Metal-cutting band saw blades have sharp, long-lasting teeth that can easily cut through hard materials like steel.

### MORE PRECISE PERFORMANCE

These industrial band saw blades operate at high band tension, resulting in straighter, more accurate cuts than more traditional blades.

### COST-EFFICIENCY

Bi-metal saw blades have a low cost per cut compared to other blades, resulting in reduced expenses.

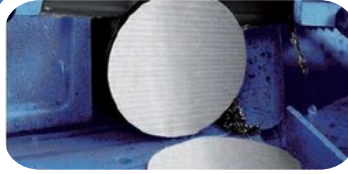
# DGI SUPPLY PRODUCT SELECTION

If you're looking for metal-cutting band saw blades for your facility, you'll find the following models in our selection.



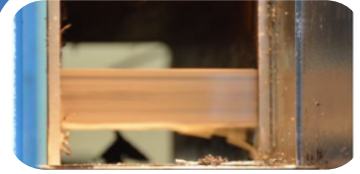
## Silencer GP™

Neutral Rake Angle, perfect for tubing, profiles, and small solids. Compatible with manual/semi-automatic machines and short blade lengths. Available in widths  $\frac{1}{4}$  inch –  $1\frac{1}{2}$  inch.



## Silencer™ Plus

Positive Rake Angle, perfect for all metals including stainless steel, carbon steel, especially used in solids. Designed for longer life at higher cutting rates and high sawing speeds. Tests have shown improved performance, reduced noise levels and improved reliability. Available in  $\frac{1}{4}$  inch - 3 inches.



## StructurALL™

Positive Rake Angle, specially designed for tubing and structural material, including single piece or bundle applications. First Choice for fabricators. Available in 1 inch –  $2\frac{5}{8}$  inch.



## Penetrator™

High Positive Rake Angle, Fast cutting, wear resistant blade. First Choice for stainless steel. Aggressive tooth tip makes cutting up to 20% faster at same feed force setting. Available in sizes  $\frac{3}{4}$  inch - 3 inch.



## Penetrator™ Prime

Neutral Rake Angle, perfect for tubing, profiles, and small solids. Compatible with manual/semi-automatic machines and short blade lengths. Available in widths  $\frac{1}{4}$  inch –  $1\frac{1}{2}$  inch.



## Supreme™

Positive Rake Angle, perfect for all metals including stainless steel, carbon steel, especially used in solids. Designed for longer life at higher cutting rates and high sawing speeds. Tests have shown improved performance, reduced noise levels and improved reliability. Available in  $\frac{1}{4}$  inch 3 inches.