

## Bi-Metal Band Saw Blades

### MATRIX II

- ▼ Cutting applications: single piece, bundles, stacked pieces.
- ▼ Good General purpose metal cutting.

### M42

- ▼ Use on medium to heavy production machines.
- ▼ Handles carbon steels, alloys and some stainless steels.

### CHALLENGER

- ▼ Specially designed for structural applications.
- ▼ Straighter interrupted and bundle cuts.

### ACHIEVER

- ▼ Production cutting of a variety of materials from carbon steel through stainless steel.
- ▼ Best Performance in a wide range of materials.

### Independence II

- ▼ Versatility to cut all machinable metals in single pieces or bundles.
- ▼ Fewer blade changes in a wide range of materials resulting in less downtime.
- ▼ Tougher and more wear resistant than M42 and Achiever.

### Independence EXS

- ▼ Production cutting exotics, large solids, and stainless steel.
- ▼ Tougher and more wear resistant than M42 and Achiever.

## Tungsten Carbide Grit

- ▼ **Coarse** grit for cutting thick materials.
- ▼ **Medium** grit for thin materials or fine finishes.
- ▼ **Continuous** grit for 1/4" and under wall thickness.
- ▼ **Gulleted** grit for 1/4" and larger wall thickness.

## Carbide Tipped Band Saw Blades

### General Purpose (GP)

- ▼ Typical users include steel service centers, forging operations, general manufacturing.



### Case Hardened (CH)

- ▼ Steel service centers and niche manufacturing applications such as automotive parts, cylinder and bearing manufacturers.
- ▼ Case hardened shafts and shapes, heat treated thick wall tubing.

### Foundry Band (FB)

- ▼ Aluminum castings: gates, risers, extrusions.
- ▼ Typical users include aluminum foundries, graphite manufacturing, composite wood companies (furniture) and die casting companies.

## Die Bands

- ▼ Typically used on vertical machines in tool and die shops to cut die blocks and tool steels.
- ▼ M42 die bands offer high wear and heat resistance and are best suited for cutting difficult-to-machine tool steel and die blocks.
- ▼ Matrix II die bands, with high shock resistance, are better suited for thinner sections.

## Pallet Dismantling

- ▼ Available in bi-metal Matrix II and M42 specifications as well as a special grade of carbon steel.
- ▼ Available in several types to accommodate different budget requirements.

## Carbon Band Saw Blades

### Hard Back (HB)

- ▼ General purpose and maintenance.
- ▼ Stiffer than Flex Back (HEF) blades for straighter cuts.
- ▼ Will accept heavier feed pressure than HEF.

### Flex Back (HEF)

- ▼ Wood production and general purpose.
- ▼ Flexible backs are fatigue resistant.
- ▼ Can be run at speeds up to 15,000 SFM (surface feet per minute).

### Flex Back (ETS)

- ▼ Furniture production.
- ▼ For large, high-speed vertical wood cutting saws.
- ▼ Aggressive tooth design cuts faster.