



Band Saw Blades

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G U I D E

Tools, techniques,
tips

Ace Saw
Services



Band saw blades are essential tools in woodworking, metalworking, and industrial applications.

At Ace Saw Services, we pride ourselves on providing top-quality band saw blades and expert guidance to help you achieve perfect cuts every time.

Understanding Band Saw Blade Types
Different materials and cutting requirements demand specific blade characteristics. Here are the main types of band saw blades you'll encounter:



Wood Cutting Blades

Wood cutting blades feature deep gullets and aggressive tooth patterns designed to clear sawdust efficiently while maintaining clean cuts. Our selection includes:

- Hook tooth blades for rapid ripping cuts
- Skip tooth blades for green or wet lumber
- Regular tooth blades for general-purpose woodworking

Metal Cutting Blades

Metal cutting requires precision and durability. Our metal cutting blades offer:

- Variable pitch teeth to reduce vibration
- Bi-metal construction for extended blade life
- Precision ground teeth for accurate cuts in steel, aluminum, and other metals

Choosing the Right Blade

Several factors influence blade selection:

- Tooth Per Inch (TPI)
 - Fine cuts: 18-32 TPI
 - Medium cuts: 8-18 TPI
 - Coarse cuts: 2-8 TPI

The general rule: maintain at least 3 teeth in contact with the material at all times for optimal cutting.

Blade Width

- Narrow blades (1/8" - 1/2"): Ideal for intricate curves and detailed work
- Medium blades (1/2" - 3/4"): Perfect for general-purpose cutting
- Wide blades (1" and above): Best for straight cuts and resawing



Maintenance and Care

Proper maintenance extends blade life and ensures optimal performance:

Daily Care

1. Clean the blade after use
2. Check for proper tension
3. Inspect for damaged teeth
4. Ensure proper blade tracking

Signs of Wear

Watch for:

- Dulled teeth
- Broken or missing teeth
- Blade wandering during cuts
- Unusual noise or vibration

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