

BAND SAW BLADES

GO DIRECT:
800.754.6920

Qsaw[®] 501 Series – IC/Structural Bi-metal



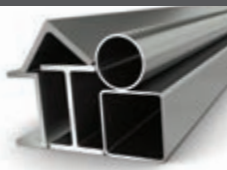
Designed exclusively for Structural Steel, the IC Band Saw blades feature a unique tooth profile that prevents over-feeding and the resulting stripped teeth.

Applications:

- Structural Steel Service Centers
- Ornamental Iron fabrication
- Welding and fabrication
- For cutting of all shapes of steel

Benefits:

- Out performs all other heavy set or structural steel band saw blades
- Innovative blade design focuses on preventing tooth chipping during the cutting of structural steel materials
- Special treatment and processing eliminates the need for break-in cutting
- Available in widths of 1/2, 3/4, 1-1/4, 1-1/2 and 2 inches
- Various tooth patterns including 5/7 and 8/11 that are more suitable for cutting structural steel
- Reduced noise, longer blade life, and excellent cost per cut make this blade one of the best in the industry



Qsaw[®] 601 Series – M42 Bi-metal



One of the most popular saw blades online, the 601 M42 bi-metal is designed to be an all-purpose, high-quality blade. We custom build each blade to have aggressive tooth geometry and a fatigue-resistant backer. And by setting the teeth alternately on the left and right side at regular intervals, we break up the regular tooth pattern to reduce noise, vibration, and chatter.

Applications:

- Carbon steel
- Chrome steel
- Tool steel
- Die steel
- Stainless steel
- Nickel-based steel
- Structural
- Pipe and tube

Benefits:

- Resists heat, abrasion, and shock
- Can be used in horizontal and vertical machines
- Idea for contour and general purpose cutting



Qsaw[®] 601 VTH Plus Series – M42 Bi-metal



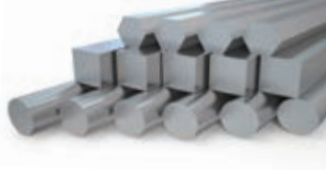
The 601 VTH Plus M42 bi-metal cuts through large solid sections of nickel or exotic-based alloys. Its variable tooth height and ground gullet give it extra chip carrying capacity, making it a unique blade in the sawing industry. We make the 601 VTH Plus extremely tough, and weld it for excellent heat and wear resistance. This blade is built to last.

Applications:

- Nickel
- Stainless steel
- Inconel
- D2
- Monel

Benefits:

- Designed for constant feed and pressure machines – user friendly blade
- Unique VTH tooth geometry prolongs blade life and minimizes work hardening
- 8% cobalt M42 high speed wire electronically welded to premium 3% Chrome backer improves performance
- Oversized width improves beam strength for longer blade life
- Plastic capping protects blade quality during transit and handling



Qsaw[®] 701 SP Series – M71 Bi-metal



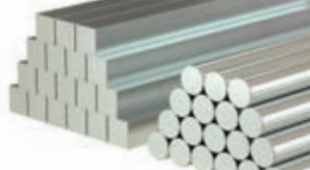
The 701 SP M71 bi-metal is made to perform with nickel based and exotic alloys. The M71 tooth is extremely wear resistant, and with its aggressive tooth design, it is one of the most unique blades in the sawing industry. The 701 SP offers the best performance with hard-to-cut materials at an affordable price.

Applications:

- Nickel
- Stainless steel
- Inconel
- D2
- Monel

Benefits:

- Variable tooth height and set allows for aggressive cutting action
- Ground teeth provide maximum performance
- M71 Tooth for hard alloys



CARBIDE BAND SAW BLADES

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Qsaw[®] 1001 Series – Rugged Tooth[™] CT Foundry



The 1001 CT is a Type 1 carbide-tipped band saw blade. The teeth have a beveled edge with a straight leading tooth, so it's wear resistant while cutting. It's also carbide tipped, which means it can handle tough materials that bi-metal blades cannot cut. These saw blades are commonly used to cut gates and risers, which is why it's referred to as a foundry carbide blade.

This custom band saw blade has teeth ground from micro-grained carbide cylinders welded into a tough, ductile backing material. These carbide-tipped saw blades have exceptional fatigue, shock, and wear resistance.

Applications:

- Spring steel
- Aluminum
- Nickel based alloys
- Plastic
- Masonite

Benefits:

- Smooth surface finish
- Faster cutting speeds
- Improved carbide-to-back bonding



Qsaw[®] 1002 Series – Rugged Tooth[™] Triple Chip



We craft these band saw blades with a new aggressive tooth geometry, making it perfect for cutting difficult-to-machine exotics and alloys. The tooth design, coupled with a triple-chip grind and positive rake angle creates smooth, fine-finish cuts.

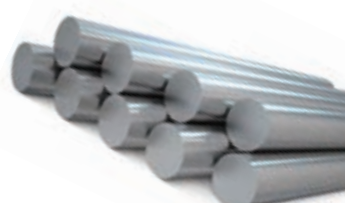
The 1002 performs where standard Bi-Metal Blades fail. In aerospace, steel service centers, or production cutting environments, Triple Chip blades make short work of high nickel alloys, titanium, Inconel, composites, and other exotic materials. It is the tough job workhorse! This blade has excellent fatigue, shock, and wear resistance.

Applications:

- High nickel alloys
- Titanium
- Aluminum
- Inconel
- Composites
- Steels

Benefits:

- Micro-grained carbide selected for toughness
- Improved strip resistance
- Smooth surface finish



Next Day Shipping

Sawblade.com is dedicated to our customers. We understand that losing even one day of productivity can have a drastic impact on a workshop. That's why Sawblade.com offers Next Day Shipping. Employing modern technology and the latest innovations in logistics methodologies means that customers get their order as soon as possible.

Why we offer it

Shipping the day after an order is placed can present some logistical hurdles. That's why not all industrial band saw suppliers offer it, and sometimes take up to five days to deliver their products. But we understand that time is money, and we're here to help you make the most of both. So as long as you order before 3 pm, our Next Day Shipping promise means your order is on its way that very next business day!

Never a hidden fee at Sawblade.com

There are no hidden fees at Sawblade.com. Orders are shipped within 24 hours, and orders over \$150.00 qualify for FREE freight. All other orders are only charged standard shipping rates. Other suppliers may charge extra for quicker delivery, or require a membership to get free two-day shipping, and even more money on top of that if you need your order the next day, but never at Sawblade.com.

WOOD BAND SAW BLADES

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Qsaw[®] 101 Series – Flex Back Carbon Steel



Applications:

- Scroll Cutting
- Light Resawing
- Wood
- Composites
- Plastics

Benefits:

- Can run at higher band speeds
- A great option for both contour and straight cuts

The custom-welded 101 Series, constructed from high-carbon steel, is a multi-application and extremely durable blade. We heat treat and spring-temper the blade to ensure durability and accurate cuts.

Qsaw[®] 900 Series – Hard Back Carbon Pallet Dismantler



The 900 Series is designed to be a premium wood processing and ripping band saw blade. It boasts high performance rates and incredible durability. Engineered to create minimal waste, the blade is ultra sharp, and will not only last longer, but can be re-sharpened more often as well.

The 900 Series is precision milled using state-of-the-art CNC equipment, then induction hardened to produce a durable blade.

Qsaw[®] 901 Series – M42 Bi-metal Pallet Dismantler



Applications:

- Pallets

Benefits:

- Oversized beam width
- Improved beam strength for straighter cuts

Designed specifically to withstand the wear and tear of dismantling pallets, the 901 Series bi-metal blade is designed to resist snagging on nails. The blade is custom made with a special tooth set so it cuts with minimum kerf loss. The Veri-tooth design increases blade life and reduces vibration for straighter cuts using less force.

Qsaw[®] 201 Series – Hard Back Carbon Steel



Applications:

- Resawing Wood
- Aluminum
- Brass
- Plastics
- Mild Steel

Benefits:

- More accurate cuts
- Improved rigidity for quicker cutting rates

Originally designed for the steel industry, these custom-welded band saw blades with tooth pitches 2 to 6 tpi perform extremely well resawing wood. The finer tooth pitches 8 to 24 tpi are an economical choice for cutting mild steels, aluminum, brass, and plastic at slow speeds. Q201 Hard Back blades can be used on vertical, contour, and utility cut off saws. We spring-temper the back and precisely harden the blade's teeth, upping its tensile strength so it cuts accurately through a variety of materials.

Qsaw[®] 905 Series – Qrip Portable Mill and Resaw



Benefits:

- **37% greater durability than leading competitors** – Additional resilience means greater efficiency for your operator
- **100% more re-sharpens** – The blade's structure and quality give it a longer working life, meaning more time between purchases
- **Unparalleled out-of-the-box performance** – No setup – this band saw blade is ready to use as soon as it's unpacked
- **Minimal waste and maximum cutting power** – The blade's power, efficiency, and durability allow operators to make more accurate cuts in less time
- **The perfect balance between strength and flexibility** – The blade's high-quality design means outstanding performance

The 905 Series is one of our newest blades. Its primary purpose is wood processing and ripping, a function that comes in handy for many workshops. The 905 offers a wide range of premium benefits, making it one of the best saw blades in the industry.



HOLE SAWS

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Qsaw® Quintero Hole Saws

Easy plug removal: Slotted sidewall cut-out for quick material ejection

Professional grade cobalt M42 blade to cut a wide variety of materials

1-7/8" (47mm) depth cut

Solid steel backing plate eliminates need for drive plate

M42 ground tooth improved metal cutting performance

Sawblade.com offers a complete range of industrial grade hole saws for outstanding performance and life in all materials and applications.

Features and Benefits

- Bi-metal blades feature a 8% Cobalt tooth edge for increased wear resistance
- Welded to a precision machined steel backing plate through a state-of-the-art process
- Allows for precise cuts and also resistant to tooth breakage
- Industrial grade – can be used on ferrous and non-ferrous metals
- Tooth edge is a 4/6 variable configuration for a smoother, faster cut on a wide range of materials
- Rugged design, regarded as the strongest tooth in the industry
- Backed by the Sawblade.com 100% Satisfaction Guarantee

A full range of sizes from 9/16" to 6"

Kits

To suit your needs, Sawblade.com offers 5 different hole saw kit sizes

- 7pc Mechanic's Kit
- 9pc Electrician's Kit
- 9pc Plumber's Kit
- 13pc Journeyman's Kit
- 14pc Master Automotive Builder's Kit

• Visit our website for further kit details

RECIPROCATING SAW BLADES



Reciprocating saw blades are available for a variety of materials and uses including metal cutting blades, wood cutting blades, blades for composites, for drywall, and other materials. Many of these blade types have a variety of tooth designs intended for special purposes, such as tree-limb cutting, demolition work, clean cutting, or contaminated materials. Abrasive coated blades are also available for hard materials like cast iron, tile and stone.

Diablo's wood cutting and metal cutting blades are designed for bi-metal performance that lasts up to 2x longer than standard blades. Since they are best suited for rough cutting, they're very useful in construction, plumbing, electrical, demolition and metal working.

In general, blades with a lower number of teeth per inch deliver faster cuts with rougher edges. A blade with a higher number of teeth per inch results in smoother, slower cuts and is preferred for metal, which should be cut slowly.

CARBIDE CIRCULAR SAW BLADES

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Qsaw® Industrial Grade Metal Blades



Qsaw Industrial Quality Metal Cutting Carbide Circular Saw Blades are available for a variety of applications and turn all carbide saws into the ultimate dry cutting machine. The blades are capable of cutting mild steel, stainless steel, aluminum, wood, plastics and a variety of other material leaving a smooth, clean, cool to the touch finish.

Features and Benefits

- Qsaw circular blades have laser cut bodies which have less distortion than stamped blades. Less distortion means truer rotating blade with less wobble producing straighter cuts.
- Superior Triple Chip ground teeth excels in a wide range of material such as steel aluminum wood and plastic.
- Qsaw blades incorporate industrial brazing technology, which creates an extra durable bond between the teeth and body.
- Premium grade carbide teeth for long life.

Qsaw® Pro Grade Wood Blades

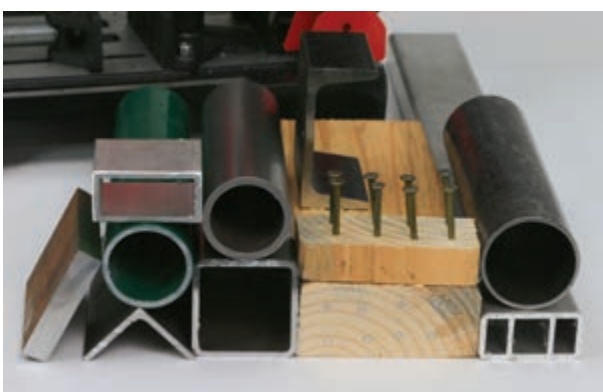


Qsaw Professional Quality Wood Cutting Carbide Circular Saw Blades are available for a variety of applications.

Features and Benefits

- Qsaw circular blades have laser cut bodies which have less distortion than stamped blades. Less distortion means truer rotating blade with less wobble producing straighter cuts.
- Superior ATB ground teeth excels in a wide range of woodworking applications.
- Qsaw blades incorporate industrial brazing technology, which creates an extra durable bond between the teeth and body.
- Premium grade carbide teeth for long life.

Qsaw® Versa Blades



The Versa Cut Blade is a 10 inch tungsten carbide-tipped multipurpose blade capable of cutting through steel, aluminum, wood with nails in, and plastic. For use with the Trajan DM 250 and Evolution RAGE Machines.

Features and Benefits

- Qsaw circular blades have Laser cut bodies which have less distortion than stamped blades. Less distortion means truer rotating blade with less wobble producing straighter cuts.
- Superior Triple Chip ground teeth excels in a wide range of material such as steel aluminum wood and plastic.
- Qsaw blades incorporate industrial brazing technology, which creates an extra durable bond between the teeth and body.
- Premium grade carbide teeth for long life.

Quality and Performance Backed by Sawblade.com

Qsaw Industrial Circular Saw Blades are designed to deliver the highest performance in the industry. We use the highest grade carbide, precision laser cut blade bodies and state-of-the-art industrial brazing techniques. These premium blades are designed for industrial use and applications where increased productivity is needed.

Qsaw Cuts Cooler: When cutting steel, Qsaw blades will leave a workable finish. Our blades run cooler and produce fewer sparks, allowing you to handle the material quickly after a cut instead of waiting for the metal to cool as required with other carbide or abrasive blades.

Qsaw Cuts Faster: Qsaw blades simply cut faster than other carbide or abrasive

blades, and our steel blades can cut through mild steel plate not only quickly, but with fewer sparks.

Qsaw Lasts Longer: Other carbide and abrasive blades wear down quickly. This limits cut quality and increases cut times. The design of our blades enable them to last up to 20 times longer, or even more than other blades.

Qsaw Cuts Accurately: Other blades can flex and "walk" during a cut, but Qsaw uses a laser cut blade body that is designed for accuracy and precision.

Qsaw Cuts Safely: No excessive dust, fumes, or smoke make for a safer work space. Since Qsaw blades produce fewer sparks and will run cooler, it contributes to a safer work environment.

SAWS

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Trajan Utility Band Saws

Trajan band saws offer premium performance, long-term durability, and are engineered to deliver precise cuts in a variety of production environments. Our line of machines range from portable, lightweight saws to powerful, heavy-duty machines that can handle the hardest metals and most difficult applications, so choose the Trajan saw that best suites your needs.

Trajan 125

Trajan 128

Trajan 128HDR

Trajan 1319

Trajan 150

Trajan 20 Series 2

Trajan 250S

Trajan 270/270SV

Trajan 360A

Trajan 712

Trajan 812G

Trajan 916SV

Trajan VBS-1408

Trajan VBS-2012

Trajan VBS-3612

Trajan 250NC

Why Choose Trajan

Trajan band saws are utility-first machines, designed by some of the most prominent members of the metal cutting industry. While effective and accurate cutting capabilities are their strength, our machines also showcase the best in contemporary sawing technology, taking power and control to the next level.

Qsaw® Circular Saws



The Versatility of a Circular Chop Saw

A circular chop saw uses a circular blade to cut wood, plastic, or metal. It's easy to operate and very portable making it a useful piece of equipment in most manufacturing operations as well as home shops. These saws accommodate a wide variety of blades for many different applications.

Trajan Q700 7" Carbide Chop Saw

Trajan Q1400 14" Carbide Chop Saw

Features and Benefits

- Carbide tooth metal cutting saw, produces no heat or burr without the use of coolant
- Portable, can be used anywhere
- Cuts: steel, wood, plastic, and most materials
- Fast and easy to use
- Last longer than abrasive blades!

REPLACEMENT PARTS & ACCESSORIES

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Band Saw Tires

A band saw tire is a vital part of any band saw. It's purpose is to protect the wheel from making contact with the blade and thereby causing it damage. The tire you purchase needs to be as close as possible to the size of the band wheel you're covering. Never buy a tire that is larger than your band wheel – a bit smaller is better which will cause it to stretch a bit, but the larger the difference between the band wheel and the tire, the more difficult the installation.

A rubber band saw tire requires glue to keep it in place.

Band Saw Guide Upgrade Kit

Band saw guide conversion kits replace the lower and upper factory band saw blade guide with a precision guide assembly.

The blade guide is solid high-grade aluminum and utilizes high-grade sealed ball bearings. With this design, the blade is held on each side by a ball bearing and the thrust is taken by a third ball bearing. This is a drastic improvement over factory guides where the blade is loosely held by solid blocks and the thrust is taken by the side of a ball bearing. Our method allows the blade to be held much more precisely, translating into cleaner cuts, quieter operation, and with less waste.

Time Savings Accessories

RS 500 Portable Roller Stand
Made in the USA for all types of saws, the patented Portable Roller Stand will keep your material straight. The stand is 6" wide, 6" tall and adjusts from 2" to 4.75" in 1/4" increments. The roller stand's powder coated steel wide base creates a strong base that provides extra stability and durability, while the steel-polished roller allows for free horizontal movement of the work piece on the roller.

TPWS MS046 Trajan Portable Work Station
The Trajan Portable Work Station increases productivity by allowing you to keep your saw close to your work. It's light weight and folding design make it portable. It is height adjustable for comfort and also features adjustable out rollers to align material to any saw.

Roller Tables and Stands

Five foot roller tables are designed to increase safety and productivity. With an easily adjustable height range of 24.5" to 27.5", its 24" width is perfectly suited for a wide range of saws, and allows for full movement and support of whatever material you're cutting. Our solid 2.25" rollers are guaranteed to provide a smooth, effortless motion, so that the saw operator can focus entirely on the cut without having to worry about constantly replacing, holding, or straightening the material.

A wide range of accessories are available, too.

Fluid Mistors

If you're currently using flood coolant on your saw, switching to a Umist saw blade lubrication system will completely eliminate the need for coolant, alleviating the health and safety concerns it creates as well as the ongoing costs of treatment and disposal. Precise fluid application is the key to maximizing the benefits of minimum quantity lubrication. Applying too much lubricant can adversely affect chip formation, and too little reduces blade life. Precise fluid application requires accurate pumps for consistent lubricant delivery and the correct nozzles to create and direct the spray. The adjustable positive displacement pumps used in our systems have a proven track record of consistency and reliability.

AF Sawing Fluids

Metal cutting operations generate heat due to tool friction and energy loss, deforming the material. The surrounding air is a poor coolant for the cutting tool because of its low thermal conductivity. Ambient-air cooling is adequate for light cuts and low duty cycles typical of maintenance, repair and operations (MRO) or hobbyist work. However, production work requires heavy cutting over long time periods and typically produces more heat than air cooling can remove. Rather than pausing production while the tool cools, using liquid coolant is the solution because it rapidly removes significantly more heat. It can also speed cutting, and reduce friction and tool wear.