

SIMONDS application engineered SineWave® technology provides enhanced cutting ability, reducing work time, and increasing blade life. SineWave® technology features a value-added broaching cutting action by utilizing ramps on the back edge of the blade. This technology exerts more force into the cut without having to increase machine pressure.

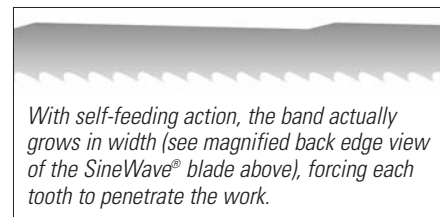
SineWave® technology provides ramp customization capabilities to optimize the cutting performance of specific alloy cross sections.

SineWave® can be supplied on all M42 bi-metal and all carbide tipped bandsaw blades from 1" to 3-1/8".



SineWave® is supplied only in welded-to-length bands.

Actual SineWave finish on high nickel alloy.



With self-feeding action, the band actually grows in width (see magnified back edge view of the SineWave® blade above), forcing each tooth to penetrate the work.

SineWave Advantages

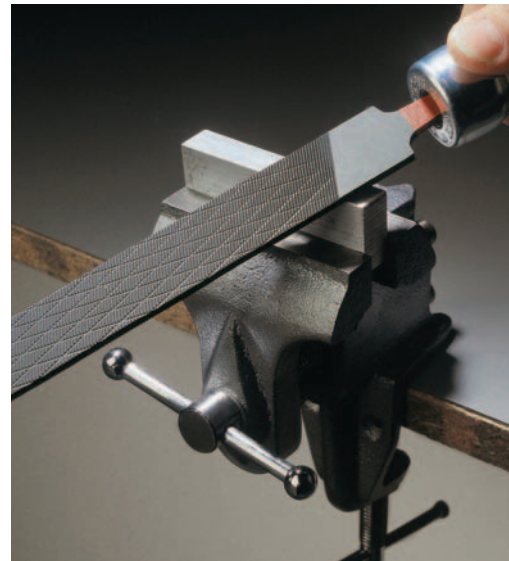
- Cuts work hardened materials 30-40% faster
- Can double blade life
- Makes cutting rate more consistent

How Do I Order SineWave?

- Determine maximum cross-section dimension of all materials cut
- Determine your required aggressiveness of the cutting action – light, moderate or aggressive
- Call your Simonds sales person for applications assistance

Products displaying this SineWave icon are available with SineWave® technology.

Look to Simonds for other great products to make your workplace or jobsite more productive.



Simonds has a line of workhorse files that get you through the toughest work with hours to spare. Our files are still hard at work when others are in the scrap bin.

Choose from our standard American Pattern Files or our premium Black Maxi-Sharp® Files specially treated with black oxide coating to resist loading and rust. Our Swiss Pattern Files are designed for finishing delicate and intricate parts while our Vixen® Files are recognized as the most efficient ever designed for auto body work and manufacturing.

- Black Maxi-Sharp® Files
- American Pattern
- Needle Files
- Swiss Pattern
- Vixen® Milled Curved Tooth Files
- Diamond Files

Look to Simonds for other great products to make your workplace or jobsite more productive.



Magnetic Tools

Designed to help with shop floor problems, Simonds provides a full line of magnetic tools including:

- Magnetic brooms
- Magnetic lifts
- Magnetic grips
- Magnetic drag plates



Simonds Hole (Annular) Cutters

Built to perform on the jobsite or in the shop, Simonds Hole Cutters feature a unique cutting geometry to drill large diameter holes through structural steel, plate steel or pipe as quickly as possible.

Available in imperial and metric sizes with a short reach 1" cutting depth or long reach 2" cutting depth.

- Imperial size range: 1/2" to 2" diameters
- Metric size range: 12mm to 51 mm diameters

What do we mean by "The Professionals' Edge"™?



It all comes down to confidence in quality products. With Simonds products you have the peace of mind of knowing that the

designs and innovations present in every Simonds blade and cutting tool have stood the test of time in the harshest environments under the scrutiny of some very tough customers. And that quality comes at a fair price. We offer tremendous value for products made to exacting standards from the longest-lasting alloys and other state-of-the-art materials, resulting from time-tested research and design.

"The Professionals' Edge"™ also means you have access to Simonds' superior product support. We offer comprehensive customer service backed up by our highly skilled and trained field technicians. We offer training, partnerships to increase business productivity, and money-back guarantees. You can also look to us for other product lines including files, power tool accessories, and other



industrial products. "The Professionals' Edge"™ simply delivers our promise — the best blades and the best people to back them up.

Look to Simonds for other great products to make your workplace or jobsite more productive.



Simonds line of power tool accessories is designed to give contractors "The Professionals' Edge"™ in the field and on the jobsite. These blades are built for long-life and durability and help you move faster through the cut.

- MaxCut Bi-Metal Hole Saws & Hole Saw Kits
- MaxCut Carbide Tipped Hole Saws
- Bi-Metal Reciprocating Saw Blades
- Bi-Metal Hacksaw Blades
- Port-A-Band Bandsaw Saw Blades

Distributed by:

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INTERNATIONAL
The Professionals' Edge™

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PROFESSIONAL GRADE SAW BLADES



The Professionals' Edge™



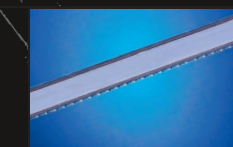
CARBIDE



BI-METAL



CARBON



CARBIDE

SIMONDS®

Triple Chip

Applications

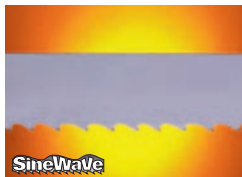
Production cutting operations, steel service centers, aerospace and forging houses

Materials

High nickel alloys, titanium, Inconel and other exotic materials

Widths

1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-5/8" and 3-1/8"



Carbide Set Tooth

Applications

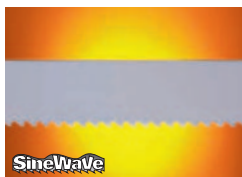
Production cutting operations, steel service centers, foundries, aerospace and forging houses

Materials

High nickel alloys, titanium, aluminum, bronze, Inconel and other exotic materials

Widths

3/4", 1", 1-1/4", 1-1/2", 2", 2-5/8" and 3-1/8"



Type I

Applications

Pattern shops, maintenance and machine shops, furniture manufacturers and plastic fabricators

Materials

Non-ferrous metals, plastics, abrasive woods, masonite, composites, transite and cast iron

Widths

3/8", 1/2", 3/4" and 1"



"With Simonds, I know I can be assured that my customers will always have the right blade for their toughest applications. Simonds' service and support gives me an edge over my competition."

— Simonds Distributor



CARBIDE

SIMONDS®

20° Negative Rake

Applications

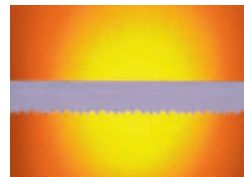
For cutting hardened materials up to 65 Rc on power feed saws when machinability is a problem

Materials

Heavy chromed shafts, induction hardened shafts, linear bearing shafts

Widths

1", 1-1/4", 1-1/2" and 2"



SimoGrit

Applications

Refineries, aerospace and aircraft industries

Materials

Fiberglass, ceramic, graphite, honeycomb and narrow cross sections of high nickel alloys

Widths

1/4", 3/8", 1/2", 3/4", 1", 1-1/4" and 1-1/2"



For more detailed product information, visit our website:

www.simondsinternational.com

"Simonds' mission is best defined by continuous improvement on our proven blades while we develop new blade technologies for our customers and today and tomorrow's toughest sawing applications."

— Simonds Design Engineer



BI-METAL

SIMONDS®

BroadBand®

Applications

Steel service centers, medium and large manufacturers, fabricators, maintenance shops, job shops, tool & die shops

Materials

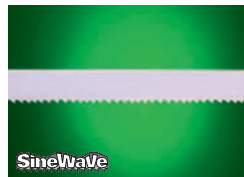
Carbon steel, chrome steel, tool steel, die steel, stainless steel, nickel base steel, structurals, pipe and tube, and mixed metal applications

Widths

3/4", 1" and 1-1/4"

BroadBand Advantages

- Cuts a broader range of **materials** – low carbon to stainless steels
- Cuts a broad range of **shapes** – structurals and solids
- Cuts a broader range of **sizes** – smaller to larger cross-sections than most competitive blades



BroadBand Delivers

- **Faster** cutting rates
- **Better** cut finishes
- **Longer** blade life

BlockBuster®

Applications

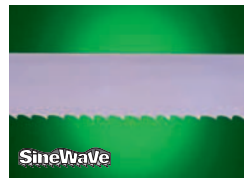
Production and general purpose cutting in steel service centers

Materials

Carbon steel, chrome steel, tool steel, die steel, stainless steel, and nickel base alloys

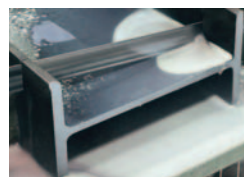
Widths

1-1/4", 1-1/2", 2", 2-5/8" and 3-1/8"



"Whether I need more production volume out of a blade or a better cut finish, I know that Simonds can give me the advantage that I need for increased profitability in my operation."

— Simonds Customer



BI-METAL

SIMONDS®

SiClone®

Applications

Steel service centers, production cutting

Materials

Inconel, D2, stainless steel, Monel, other exotic alloys

Widths

1", 1-1/4", 1-1/2", 2" and 2-5/8"



IC Enduro™

Applications

Fabricators, steel service centers, job shops, machine shops and production cutting houses

Materials

Bundles, solids, tubes and structurals, including large cross-section "H" beams and "I" beams

Widths

3/4", 1", 1-1/4", 1-1/2", 2", 2-5/8" and 3-1/8"



DieBand Plus®

Applications

Tool and die makers

Materials

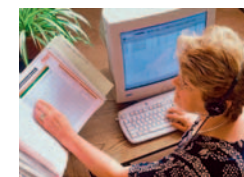
Tool and die steels

Widths

1/4", 3/8" and 1/2"



GUARANTEED TRIAL
All Simonds products are guaranteed free of defect or your money back. The recommended trial blade from SIMONDS will outperform your current product or our blade is free.



PALLET

SIMONDS®

PalletBuster®

Applications

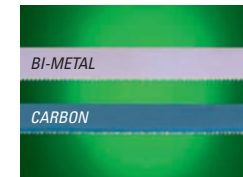
Dismantling/recycling pallets using bandsaw blades

Materials

Recycled pallets constructed with nails or staples

Widths

1-1/4" — available in either bi-metal or carbon



Red Streak®

Applications

Pallet assembly and dismantling, portable sawmills, vertical and horizontal resaws

Materials

Hardwoods, softwoods and laminates

Widths

1", 1-1/4", 1-1/2" and 2" — available in bi-metal, carbide tip or carbon



For more detailed product information, visit our website:

www.simondsinternational.com

CARBON

SIMONDS®

FlexBack

Applications

Maintenance shops, small foundries and job shops

Materials

Aluminum, brass, lead, wood and plastic

Widths

1/8", 3/16", 1/4", 3/8", 1/2", 5/8", 3/4", 1" and 1-1/4"



HardBack

Applications

Maintenance, production shops and job shops

Materials

Mild steel, aluminum, brass, wood and plastic

Widths

1/4", 3/8", 1/2", 3/4" and 1"



Friction

Applications

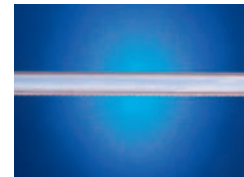
Cutting 1/2" and thinner steel with band speed up to 18,000 SFPM

Materials

Stainless steel, high alloy steel and sheet metals

Widths

3/4" and 1"



WoodMax

Applications

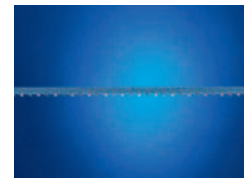
Furniture factories, cabinet shops and woodworking shops

Materials

All softwoods and hardwoods including oak, maple, mahogany and hickory

Widths

1/4", 3/8" and 1/2"



ISO 9001-2008
Registered Quality Management System.
QSR #104