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## 2019 Catalog

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General Purpose Diamond Blade ..... K-1, K-2
Granite Cutting Sintered Blade. ..... K-2
SKARRAZ Carbide Tipped Saw Blades
Biscuit Jointer Saw Blades ..... L-6
Combination/Planer Style Saw Blades ..... L-3
Edge Banding Saw Blades ..... L-6
Finish Trim Saw Blades ..... L-4
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Glue Line Rip Saw Blades, Straight Line Rip ..... L-1
Heavy Duty Rip Saw Blades, Flat Top Grind. ..... L-1
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Band Saw Blades - Meat Cutting ..... N-1-N-9
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## Office

Customers are welcome to visit our office during normal office hours, 8:00 A.M. to 5:00 P.M. PST Monday through Friday, except holidays. Please call first to schedule an appointment if you wish to visit us on weekends or holidays. Our address is 20639 Lycoming Street, Suite B-6, Walnut CA 91789. Our office is located northwest of the intersection of the 57 and 60 freeways. The cross streets are "Lemon Street" and "Brea Canyon Road". A map and driving directions are provided on our website under "Contact Us".

## How to Order

Online Orders: To order online, visit Www.magnate.net and search for each item by its tool number. Add each item along with its quantity to the shopping cart until you have added all the items required on your purchase list.

After you have selected all items you wish to purchase, you can Calculate Shipping Rates by entering your Country, State, and ZIP/Postal Code. Our shopping cart will automatically calculate the shipping charge for your order.

To ship with UPS, under "Shipping Rates", will see options for the UPS shipping methods. (UPS Ground, UPS $2^{\text {nd }}$ Day Air, Next Day Air, etc)

To ship with US Postal Service (by mail), under "Shipping Rates", will see options for the USPS shipping methods. ( Priority Mail, Priority Mail Express)

On regular business days, all orders will be processed on the same day if placed before 12:00 PM Pacific Standard Time.

Phone Orders: To place an order simply call our toll free number, (800) 827-2316, or (909) 468-5747. List the tool number and quantity of each item, along with the preferred method of shipment. Our 800 number will work anywhere in Canada and in the U.S.A., including Hawaii and Alaska. When calling in from outside the U.S.A. or Canada call us at (909) 468-5747.

Mail In/Fax or Email Orders: To mail in an order, simply write down your name, company name (if applicable), shipping address, contact phone number, fax or email address, the tool number and the quantity of each item. If paying by credit card, please include your credit card number with CVV code, expiration date, and your signature. If paying by check, please enclose a check issued by a USA domestic bank, made payable to "Magnate, Inc.". If placing an order by fax, fax the completed order sheet to our 24 hour fax service at (909) 468-5745. If ordering by e-mail, send the order to sales@magnate.net. Please be sure to include all applicable shipping charges. You may need to take special care of your credit card information if ordering through email - call for details.

## International Orders

All international orders are shipped by US Postal Service unless otherwise requested. The cost will be determined according to the current postage rates plus insurance. Please call or e-mail to confirm the actual shipping charges. All payments must be made in U.S. Dollars.

## Price

Please note that all prices in this catalog or from our web site, www.Magnate.net, are deemed reliable but not guaranteed. All prices are subject to change without notice. Feel free to contact us if in doubt.

## Shipping

Small parcels and packages can be shipped via UPS or US Postal Service and the shipping charges will be calculated accordingly. Bulky items exceeding UPS and USPS limitations, i.e. woodworking machinery, may need a special arrangement or may be shipped via UPS Freight.

## California Sales Tax

Any customers whose orders are shipped to California must include sales tax in the total purchase price.

## Warranty

Magnate ${ }^{\mathrm{TM}}$ warrants its cutting tools (router bits and shaper cutters) to be free of defects from materials and workmanship for a period of 90 days from date of original purchase. This warranty does not apply to defects caused by customer misuse or accidents caused by the customer themselves. To take advantage of this warranty, freight must be prepaid and proof of purchase must accompany the merchandise. Magnate's liability will also not exceed the purchase value of the merchandise in question. As far as the fastening equipment, the limited warranty covers the housing for one year and the main parts for 45 days. The limited warranty covers defects on materials \& workmanship if they occur during the duration of the warranty period. Merchandise other than the Magnate ${ }^{\mathrm{TM}}$ brand is warranted by their own manufacturers. All pricing, specifications, dimensions, and design characteristics in this catalogue are subject to change without prior notice.

## Note

Picture shown may not reflect the actual item. Sometimes our vendors may unexpectedly change item material, color, packaging, etc. without notifying us. However, if this were to occur, the product given to the customer will be of the same quality/grade as the item ordered.

## Return Policy

In order to return an item, an RMA (Returned Merchandise Authorization) number must be obtained. All items must be unused and returned in the original packaging within 30 days from the date the RMA number is obtained. Please include a copy of the original invoice. All items will be inspected and subject to a $15 \%$ restocking fee unless the merchandise has a manufacturer's defect. There is no return for custom made cutters except when there is a proven defect. All returned merchandise must be shipped to our headquarters prepaid. Call if you have any further questions.

Cancer and Reproductive Harm - www.p65warnings.ca.gov/search/abrasives www.p65warnings.ca.gov

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure, work in a well-ventilated area and with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

Routers, shapers, machinery, and all tools can be dangerous when used improperly so it is important to strictly comply with all operation and safety procedures. Always strictly follow the safety rules stipulated in the operation manual of your tools/machines.

First and foremost, always wear eye and hearing protection and keep all loose clothing away from machines. It is also important to keep the machines unplugged when changing bits, cutters, blades, etc. and to make sure everything is properly secured before turning on the machines. To avoid slippage, keep all collets clean.

Use of these products will produce dust of potentially hazardous ingredients. Coolant mist from wet grinding may also contain dust. The dust produced can cause throat, nose, skin and eye irritation, and respiratory disease.

Following these safety guidelines (but not limited to) are suggestions to help reduce the possible hazards to your health:

- Maintaining adequate ventilation to keep dust levels below OSHA and ACGIH levels is required all the times.
- Use protective devices (i.e. dust mask etc.) to avoid breathing dust or mist.
- Avoid direct skin contact with dust or mist.
- Before eating, drinking or smoking, wash hands thoroughly.
- When disposing of materials, comply with local, state, and/or federal regulation codes.



## Custom Bits/Cutters

Magnate ${ }^{\mathrm{TM}}$ can custom make cutters to fit your specifications.

## Sharpening Service

Magnate ${ }^{\mathrm{TM}}$ provides a sharpening service. Tools can be shipped to or dropped off in person at Magnate's office. After the tools are sharpened, they can be picked up in person or be shipped back at the customer's expense.

## Router Bit Speed Guideline

Always first refer to the operation manual of your router to select the ideal router bit speed. In the event that a router bit doesn't come with a speed chart, you may start at about $2,000 \mathrm{rpm}$ slower than the maximum speed described in the chart below. Maximum speed below is for reference only, The actual best performance speed varies depending on a number of factors. (size of the router bit, material to be cut, etc)

| Overall Dia. | Max. (rpm) | Overall Dia. | Max. (rpm) |
| :---: | :---: | :---: | :---: |
| $1 ">$ | 24,000 | $2-1 / 2 "$ | 16,000 |
| $1-1 / 2 "$ | 20,000 | $3 "$ | 12,000 |
| $2 "$ | 18,000 | $3-1 / 2 "$ | 10,000 |

## Shaper Cutter Speed Guideline

Always first refer to the operation manual of your shaper. If a shaper cutter doesn't come with a speed chart, you may start at about $1,000 \mathrm{rpm}$ slower than the maximum speed described in the chart below. Maximum speed below is for reference only. The actual best performance speed varies depending on a number of factors. (size of the cutter, material to be cut, etc)

| Overall Dia. | Max. (rpm) | Overall Dia. | Max. (rpm) |
| :---: | :---: | :---: | :---: |
| 3 3" | 12,000 | $5 "$ | 8,000 |
| $3-1 / 2 "$ | 11,000 | $5-1 / 2 "$ | 7,000 |
| $4 "$ | 10,000 | $6 "$ | 6,000 |
| $4-1 / 2 "$ | 9,000 |  |  |

## Bandsaw Blades

All Magnate ${ }^{\mathrm{TM}}$ bandsaw blades are welded and fabricated in the USA. The coils/material are USA brands but may not be made in the USA. All band saw blades' pictures depict a general bandsaw blade and thus may look different from each particular item.

Warning: For packaging purposes, this blade is folded into a coiled position which is similar to a spring and may pop open when being coiled or uncoiled. Wear heavy duty leather gloves and eye/body protection while using extreme care when coiling or uncoiling a blade. Failure to exercise the proper care could result in serious bodily injury. See your bandsaw owner's manual for further safety instructions.

Upon request, Magnate ${ }^{\mathrm{TM}}$ makes blades of any length and of any type available to fit your bandsaw brand and model.

Always disconnect power plug before mounting, unmounting blades or measuring blade length. If in doubt when determining your bandsaw blade length, please refer the instructions below:

1 - Check the owner's manual of your bandsaw machine for specifications. Check not only the length, but also the range of the width and of the thickness.
2 - If the owner's manual is not available, refer to your previous invoices.
3 - Uncoil your blade and use a soft cloth measuring tape and accurately measure the length by pressing tape tightly at the back end of your old blade.
4- Mark a starting point on the floor and on your blade. Line up the starting point on your blade with the starting point on the floor. Roll the blade along the floor in a straight line until the starting point on the blade reaches the ground for the second time. Measure the length from the start point to the end point on the floor.
5 - Cut your old blade in half so that it lies flat and flush on a leveled surface and measure its length.

## Choose A Width : How Tight Do You Need To Turn

Horizontal metalcutting bandsaws are typically designed to use only one width of blade. Vertical metalcutting bandsaws and woodcutting bandsaws have the capacity to run a wide range of widths. Here are some minimum turning circle diameters for our most common blades.

| Blade | Minimum Circle Diameter |
| :---: | :---: |
| 1/8" x 14 Raker Carbon | 3/16" |
| 3/16" x 4 Skip Carbon | 3/8" |
| 3/16" x 10 Raker Carbon | 7/16" |
| 3/16" x 8 Hook Three Wheeler | 9/16" |
| 1/4" x 6 Hook Premium Gold Carbide | 3/4" |
| 1/4" x 6 Hook Carbon and Bimetal | 13/16" |
| $1 / 4 "$ x 6 Hook Three Wheeler | 1-1/2" |
| 3/8" x 4 Hook Premium Gold Carbide | 1-3/4" |
| 3/8" x 4 Hook Carbon \& Bimetal | 2-1/4" |
| 3/8" x 6 Hook Three Wheeler | 2-5/8" |
| 1/2" x 3 Hawc Pro Resaw | 3-1/8" |
| $1 / 2$ " x 3 Hook Premium Gold Carbide | 3-5/8" |
| $1 / 2$ " x 3 Hook Carbon \& Bimetal | 6-1/2" |
| 3/4" x 3 Hook Carbon | 9-1/4" |

## METALCUTTING BANDSAWS:

The correct tooth pattern for metalcutting is determined by the thickness (crosssection) of material you are cutting. There should be between 2 and approximately 10 teeth in contact with the material at all times. Generally, choose fewer teeth per inch for thicker materials and more teeth per inch for thinner materials. The chart below will give you some basic guidelines for choosing the correct number of teeth per inch.

| Carbon Tool Steel | Material Thickness | Premium Bimetal |
| :---: | :---: | :---: |
| (Teeth Per Inch) |  | (Teeth Per Inch) |
| 24 Raker | 1/16" to 1/4" | 20-24 Variable |
| 18 Raker | 1/8" to 3/8" | 14-18 Raker |
| 14 Raker | 3/16" to 7/16" | 10-14 Variable |
| 10 Raker | 1/4" to 1/2" | 8-12 Variable |
| 10 Raker | 5/16" to 5/8" | 6-10 Variable /6 Hook |
| 6 Hook | 3/8" to 1" | 5-8 Variable / 6 Hook |
| 6 Hook | $1 / 2$ " to 2" | 4-6 Variable / 6 Hook |
| 4 Hook | 3/4" to 4-1/2" | 3-4 Variable/ 4 Hook |
| 3 Hook | 1 " to 6 " | 3 Hook |
| 2 Hook | 2" to 12" | 2 Hook |

## Tooth patterns of Carbon Tool Steel Blades

All Carbon Tool Steel Blades feature a standard set, which is a recurring sequence of teeth - one set right, one set left, and one not set.
Raker - Raker (also called "Standard") is a good general purpose tooth design with a zero degree tooth angle. It works well on structural shapes and thinner materials in wood and metal.

Skip - Skip is available in limited sizes, but works well on thick cutting of paper and wood products. It features widely spaced teeth with a zero degree tooth angle.

Hook - Hook is an excellent positive angle tooth design for fast cutting of thicker materials such as wood, plastics, and soft metals.

Variable - Variable Pitch Bimetal Blades combine teeth of different gullet depth, pitches, and set angles. This results in smoother cuts, faster sawing, improved chip clearance, and longer blade life. A constant-pitch blade can increase undesirable harmonic vibrations that negatively affect a cut. Variable pitch improves chip evacuation, interrupts sawing rhythm, and reduces harmonic vibrations.

## Magnate - Cold Saw Order Form



Punto di misura Measuring point Messpunkt

Pressione di serraggio 3bar Serration pressure 3 bar Aufspannungsdruck 3 bar $\qquad$


Please Provide the Following:
D1 (diameter) $\qquad$
d (arbor hole) $\qquad$
B (thickness) $\qquad$
Number of teeth $\qquad$
Tooth style $\qquad$
Material $\qquad$
(Stainless, Cast, Brass, Aluminum
Product $\qquad$
(tube, pipe, bar stock, solid)
Wall thickness $\qquad$
Quantity Ordered $\qquad$
BW. Thin wall, chip control required. AKA ATB
C. Most common, bar and solid stock.
AKA - triple chip

| Spiral, 1 Flute Up-Cut |  |  |  |  |  | Spiral, Flat-End 2 Flute Up-Cut |  |  |  |  |  | Spiral, 2 Flute Up-Cut Left Hand |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| This one flute spiral bit is designed for solid woods, wood composites and some plastics. It is for use with low power routers. |  |  |  |  |  | This two flute spiral bit is designed for solid woods, wood composites and some plastics. |  |  |  |  |  | This two flute spiral bit is designed for solid woods, wood composites and some plastics. |  |  |  |  |  |
| $\begin{aligned} & \text { Tool } \\ & \text { No. } \\ & \hline \end{aligned}$ | Cutting Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price | This bit is used when creating dadoes without machine marks. |  |  |  |  |  | $\begin{aligned} & \text { Tool } \\ & \text { No. } \\ & \hline \end{aligned}$ | Cutting <br> Dia. | Cutting <br> Length | Shank Dia. | Overall <br> Length | Price |
| 9401 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$19.81 | Tool | Cutting | Cutting | Shank | Overall |  | 2901 | 1/8" | 1/2" | 1/4" | 2 " | \$23.10 |
| 9402 | 5/16" | $1{ }^{\prime \prime}$ | 5/16" | $3 "$ | \$28.43 | No. | Dia. | Length | Dia. | Length | Price | 2903 | 3/16" | 3/4" | 1/4" | $2 "$ | \$23.10 |
| 9403 | 3/8" | 1 " | 3/8" | $3 "$ | \$29.78 | 9631 | 1/8" | 1/2" | 1/4" | 2 " | \$16.23 | 2920 | 7/32" | 3/4" | $1 / 4{ }^{\prime \prime}$ | 2 " | \$23.96 |
| 9407 | 3/8" | 1-1/4" | 3/8" | 3" | \$32.50 | 9635 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$18.70 | 2905 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$21.39 |
| 9404 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$48.74 | 9632 | 1/4" | 1-1/4" | 1/4" | 2-1/2" | \$18.80 | 2927 | 5/16" | $1{ }^{\prime \prime}$ | 5/16" | $3 "$ | \$41.93 |
| Spiral, 1 Flute Down-Cut |  |  |  |  |  | 9636 | 5/16" | 1-1/8" | 5/16" | $3 "$ | \$27.67 | 2923 | 3/8" | $1{ }^{\prime \prime}$ | 3/8" | 3" | \$41.93 |
|  |  |  |  |  |  | 9637 | 3/8" | 1-1/4" | 3/8" | 3" | \$26.45 | 2921 | 7/16" | 1-1/4" | 1/2" | 3" | \$76.67 |
|  |  |  |  |  |  | 9638 | 1/2" | 1-1/4" | 1/2" | 3' | \$42.77 | 2909 | 1/2" | 1-1/4" | 1/2" | 3" | \$53.91 |
| This one flute spiral bit is designed for solid woods, wood composites and some plastics. It is for use with low power routers. |  |  |  |  |  | 9639 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$44.05 | 2910 | 1/2" | 1-1/2" | 1/2" | 3-1/2" | \$72.73 |
|  |  |  |  |  |  | 9630 | 1/2" | 2-1/8" | 1/2" | 4" | \$47.32 | 2911 | 1/2" | 2" | 1/2" | $4 "$ | \$75.30 |
|  |  |  |  |  |  |  |  |  |  |  |  | 2926 | 5/8" | 1-1/2" | 5/8" | 3-1/2" | \$158.30 |
|  |  |  |  |  |  | Spiral, Flat-End 2 Flute Down-Cut |  |  |  |  |  | 2912 | 5/8" | $2{ }^{\prime \prime}$ | 5/8" | $4 "$ | \$205.37 |
|  |  |  |  |  |  | This two flute spiral bit is designed for solid woods, wood composites and some plastics. |  |  |  |  |  | 2917 | 3/4" | 1-1/2" | 3/4" | $4 "$ | \$158.30 |
| Tool | Cutting | Cutting | Shank | Overall |  |  |  |  |  |  |  | 2913 | 3/4" | $2 "$ | 3/4" | 4" | \$166.86 |
| No. | Dia. | Length | Dia. |  |  | This two flute spiral bit is designed for solid woods, wood composites and some plastics. |  |  |  |  |  | Spiral, 2 Flute Down-Cut, Left Hand |  |  |  |  |  |
| 9411 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$19.81 |  |  |  |  |  |  |  |  |  |  |  |  |
| 9412 | 5/16" | $1{ }^{\prime \prime}$ | 5/16" | $3 "$ | \$28.43 |  |  |  |  |  |  |  |  |  |  |  |  |
| 9413 | 3/8" | $1{ }^{\prime \prime}$ | 3/8" | $3 "$ | \$29.78 | This bit is used when creating dadoes without |  |  |  |  |  |  |  |  |  |  |  |
| 9417 | 3/8" | 1-1/4" | 3/8" | $3 "$ | \$32.50 |  |  |  |  |  |  |  |  |  |  |  |  |
| 9414 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$48.74 |  | Cutting Dia. | Cutting <br> Length | Shank Dia. | Overall Price |  | This two flute spiral bit is designed for solid woods, wood composites and some plastics. |  |  |  |  |  |
| Spiral, Flush Trim 2 Flute Up-Cut |  |  |  |  |  | Too |  |  |  |  |  | Tool | Cutting <br> Dia. | Cutting Length | Shank Dia. | Overall Length | Price |
| This two flute flush trim spiral bit comes with double bearings to enhance stability for laminate, template or pattern work. It is designed for solid woods, wood composites and some plastics. |  |  |  |  |  | 9681 9685 |  | 3/8" |  | 2-1/2"' | \$18.70 <br> $\$ 18.70$ |  |  |  |  |  |  |
|  |  |  |  |  |  | 96889 | 1/4" | 1-1/4" | $1 / 4 "$ | 2-1/2" | \$18.80 | 2971 | 1/8" | 1/2" | 1/4" | 2 " | \$23.10 |
|  |  |  |  |  |  | 9682 | $1 / 4 "$ | 1-1/4" | $1 / 4 "$ | 3-1/2" | $\begin{aligned} & \$ 18.80 \\ & \$ 31.97 \end{aligned}$ | 2973 | 3/16" | 3/4" | 1/4" | $2 "$ | \$23.10 |
|  |  |  |  |  |  | 9683 | 3/8" | 1/2" | 3/8" | 2-1/2" | \$21.42 | 2990 | 7/32" | 3/4" | $1 / 4 "$ | $\stackrel{2 "}{2-1 / 2 "}$ | \$23.96 |
|  |  |  |  |  |  | 9687 | 3/8" | 1-1/4" | 3/8" | $3 "$ | \$26.45 | 2997 | 5/16" | $1 "$ | 5/16" | 2-1/2 | \$41.93 |
|  |  |  |  |  |  | 9684 | $1 / 2^{\prime \prime}$ | 1-1/4" | $1 / 2^{\prime \prime}$ | $3 "$ | \$42.77 | 2993 | 3/8" | $1{ }^{\prime \prime}$ | 3/8" | 3 " | \$41.93 |
|  | Cutting | Cutting | Shank | Overall |  | 9686 | $1 / 2^{\prime \prime}$ | 1-5/8" | $1 / 2^{\prime \prime}$ | 3-1/2" | \$47.13 | 2991 | 7/16" | 1-1/4" | 1/2" | 3" | \$76.67 |
| No. | Dia. | Length | Dia. | Length | Price | 9688 | 1/2" | 2-1/4" | 1/2" | 4" | \$50.63 | 2979 | 1/2" | 1-1/4" | 1/2" | 3" | \$53.91 |
| 2272 | 1/4" | $1{ }^{1 \prime}$ | 1/4" | 3" | \$39.56 |  |  |  |  |  |  | 2980 | 1/2" | 1-1/2" | 1/2" | 3-1/2" | \$72.73 |
| 2275 | 1/2" | 1-1/4" | 1/2" | $4 "$ | \$77.02 |  |  |  |  |  |  | 2981 | 1/2" | $2{ }^{\prime \prime}$ | 1/2" | 4" | \$75.30 |
| 2276 | 1/2" | 2" | 1/2" | 4-1/2" | \$94.12 |  |  |  |  |  |  | 2996 | 5/8" | 1-1/2" | 5/8" | 3-1/2" | \$158.30 |
|  |  |  |  |  |  |  |  |  |  |  |  | 2982 | 5/8" | $2 "$ | 5/8" | $4 "$ | \$205.37 |
|  | al, Fiu | h Trim | Flute | own-C |  |  |  |  |  |  |  | 2987 | 3/4" | 1-1/2" | 3/4" | $4 "$ | \$158.30 |
|  |  |  | L |  |  |  |  |  |  |  |  | 2983 | 3/4" | 2" | 3/4" | 4" | \$166.86 |
| This <br> doub <br> temp <br> woo | two flute le bearings late or pat ds, wood co | flush tri to enhan tern work omposites | spiral ce stabil It is de and som | bit comes ty for lam signed for plastics. | with inate, solid |  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | Cutting Dia. | Cutting <br> Length | Shank Dia. | Overall Length | Price |  |  |  |  |  |  |  |  |  |  |  |  |
| 2292 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | $3 "$ | \$39.36 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2295 | 1/2" | 1-1/4" | 1/2" | $4 "$ | \$77.02 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2296 | 1/2" | $2 "$ | 1/2" | 4-1/2" | \$94.12 |  |  |  |  |  |  |  |  |  |  |  |  |






## Spiral, Ruffer/Finisher 4 Flute Down-Cut



This four flute finisher/ruffer (hoggers) spiral router bit is designed for solid woods, wood composites, and some plastics. This bit is used for applications that require superior finishes and extremely fast feed rates.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9622 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 104.09$ |
| 9623 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 112.49$ |
| 9625 | $1 / 2^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4-1 / 2^{\prime \prime}$ | $\$ 177.42$ |
| 9626 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 157.03$ |
| 9628 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 193.33$ |
| 9629 | $3 / 4^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $5^{\prime \prime}$ | $\$ 244.38$ |

## Spiral, Slow 2 Flute Up-Cut

This two flute slow spiral bit is designed for hardwoods, acrylics and phenolics.

| Tool No. | Cutting <br> Dia. | Cutting <br> Length | Shank Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9421 | 1/4" | 3/8" | 1/4" | 2-1/2" | \$15.44 |
| 9423 | 1/4" | 3/4" | 1/4" | 2-1/2" | \$16.39 |
| 9424 | 1/4" | 1-1/4" | 1/4" | 2-1/2" | \$17.26 |
| 9425 | 3/8" | $1{ }^{\prime \prime}$ | 3/8" | 3" | \$24.3 |
| 9426 | 1/2" | 1-1/4" | 1/2" | 3" | \$40. |
| 9427 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$44 |
| 9428 | 1/2" | 2" | 1/2" | 4" | \$47.73 |
| Spiral, Slow 2 Flute Down-Cut |  |  |  |  |  |
| This two flute slow spiral bit is designed for hardwoods, acrylics and phenolics. |  |  |  |  |  |
| $\begin{aligned} & \text { Tool } \\ & \text { No. } \end{aligned}$ | Cutting Dia. | Cutting <br> Length | Shank Dia. | Overall Length | Price |
| 9431 | 1/4" | 3/8" | 1/4" | 2-1/2" | \$17.75 |
| 9433 | 1/4" | 3/4" | 1/4" | 2-1/2" | \$18.85 |
| 9434 | 1/4" | 1-1/4" | 1/4" | 3 " | \$21.60 |
| 9435 | 3/8" | $1{ }^{\prime \prime}$ | 3/8" | 3" | \$26.03 |
| 9436 | 1/2" | 1-1/4" | 1/2" | 3" | \$43.63 |
| 9437 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$48.00 |
| 9438 | 1/2" | 2" | 1/2" | 4" | \$47.73 |

## Spiral, Slow Chipbreaker <br> 3 Flute Up-Cut, Right Hand

This three flute slow chipbreaker spiral bit is designed for faster and smoother feed rates, creating excellent finishes on dense hardwoods, solid surface and hard plastics.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9552 | $1 / 4^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 23.83$ |
| 9557 | $1 / 4^{\prime \prime}$ | $1-1 / 8^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 46.35$ |

## Spiral, Slow 3 Flute Up-Cut

This three flute slow spiral bit is designed for faster feed rates, creating excellent finishes on dense hardwoods, solid surface and hard plastics.

| Tool <br> No. | Cuting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2074 | $1 / 4^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 27.80$ |
| 2076 | $3 / 8^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 38.45$ |
| 2075 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 43.20$ |
| 2077 | $1 / 2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 66.17$ |
| 2078 | $1 / 2^{\prime \prime}$ | $1-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 64.08$ |
| 2070 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 49.97$ |
| 2071 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 60.58$ |
| 2071 | 9573 | $1 / 2^{\prime \prime}$ | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ |
| 2072 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 163.85$ |
| 2073 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $6^{\prime \prime}$ | $\$ 185.85$ |

## Spiral, Slow 3 Flute Down-Cut

This three flute slow spiral bit is designed for faster feed rates, creating excellent finishes on dense hardwoods, solid surface and hard plastics.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2174 | $1 / 4^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 26.73$ |
| 2176 | $3 / 8^{\prime \prime}$ | $1 "$ | $3 / 8^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 40.00$ |
| 2175 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $33^{\prime \prime}$ | $\$ 42.38$ |
| 2179 | $1 / 2^{\prime \prime}$ | $1-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 61.61$ |
| 2170 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 43.77$ |
| 2171 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 58.25$ |
| 2172 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 155.47$ |

## Compression Spiral, 1+1 PCD



PCD (Polycrystalline Diamond) bits perform exceptionally well in CNC woodworking applications even when used on plastics and nonferrous metals. Some examples of uses include those with panel saw blades, router bits and cutter heads, and many more.

PCD tooling is not recommended for hand operated tools.

| Tool <br> No. | Cutting <br> Dia. | Cutting | Height | Overall <br> Dia. <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $2342^{*}$ | $3 / 8^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $2-3 / 4^{\prime \prime}$ | $\$ 163.94$ |
| 2344 | $1 / 2^{\prime \prime}$ | $1 "$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 172.62$ |
| 2345 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 212.86$ |
| 2347 | $5 / 8^{\prime \prime}$ | $1-1 / 6^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $2-3 / 4^{\prime \prime}$ | $\$ 242.74$ |
| 2349 | $3 / 4^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 305.53$ |

* no guarantee against breakage due to small
diameter

This compression spiral bit is designed for MDF and products with melamine laminate.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2210 | $1 / 4^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 37.53$ |
| 2211 | $1 / 4^{\prime \prime}$ | $1 "$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 38.17$ |
| 2217 | $3 / 8^{\prime \prime}$ | $1 "$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 45.68$ |
| 2212 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 50.24$ |
| 2218 | $1 / 2^{\prime \prime}$ | $1-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 80.75$ |
| 2213 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 68.07$ |
| 2214 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 82.15$ |
| 2215 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 71.17$ |
| 2219 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 137.87$ |
| 2216 | $5 / 8^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 195.78$ |
| 2209 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 203.13$ |

## Compression Spiral, 1+1 Left Hand

This compression spiral bit is designed for MDF (Medium Density Fiberboard) and products with melamine laminate.


This compression spiral bit is designed for MDF (Medium Density Fiberboard) and products with melamine laminate.

| $\begin{array}{\|\|l\|l} \hline \text { Tool } \\ \text { No. } \end{array}$ | Cutting <br> Dia. | Cutting <br> Length | Shank Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9371 | 1/4" | 7/8" | 1/4" | 2-1/2" | \$45.60 |
| 2221 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$47.13 |
| 9372 | 1/4" | 1-1/4" | 1/4" | 3" | \$53.00 |
| 9383 | 5/16" | $1{ }^{\prime \prime}$ | 5/16" | 3" | \$54.95 |
| 9384 | 5/16" | 1-1/4" | 5/16" | 3" | \$55.77 |
| 2222 | 3/8" | 1-1/4" | 3/8" | $3 "$ | \$57.60 |
| 9374 | 1/2" | 1-1/8" | 1/2" | 3" | \$66.33 |
| 2223 | 1/2" | 1-1/4" | 1/2" | 3" | \$68.08 |
| 9375 | 1/2" | 1-3/8" | 1/2" | 3" | \$71.57 |
| 2224 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$75.07 |
| 2225 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$76.82 |
| 9376 | 1/2" | 1-7/8" | 1/2" | $4{ }^{\prime \prime}$ | \$80.30 |
| 2220 | 1/2" | $2{ }^{\prime \prime}$ | 1/2" | $4 "$ | \$83.80 |
| 9378 | 1/2" | 2-1/8" | 1/2" | 4" | \$83.80 |
| 9385 | 1/2" | 2-5/16" | 1/2" | 4-1/2" | \$92.95 |
| 9386 | 1/2" | 2-1/2" | 1/2" | 5" | \$101.03 |
| 2226 | 5/8" | 1-5/8" | 5/8" | 3-1/2" | \$152.47 |
| 2227 | 5/8" | $2{ }^{\prime \prime}$ | 5/8" | 4" | \$161.88 |
| 2228 | 3/4" | 1-1/2" | 3/4" | 4" | \$201.25 |
| 2229 | 3/4" | $2{ }^{\prime \prime}$ | 3/4" | 4" | \$207.07 |
| 9381 | 3/4" | 2-1/2" | 3/4" | 5" | \$249.07 |
| 9382 | 3/4" | 3" | 3/4" | $6 "$ | \$276.50 |



This compression spiral bit is designed for MDF (Medium Density Fiberboard) and products with melamine laminate.

| Tool Cutting <br> No. | Cutting <br> Dia. | Length <br> Lenk <br> Dia. | Overall <br> Length | Price |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2951 | $1 / 4^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 38.54$ |
| 2952 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 77.02$ |
| 2953 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 94.12$ |
| 2955 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 102.68$ |
| 2950 | $1 / 2^{\prime \prime}$ | $2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 119.80$ |
| 2957 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 191.68$ |
| 2958 | $3 / 4^{\prime \prime}$ | $1-1 / 2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 213.92$ |
| 2959 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 248.15$ |
| 2954 | $3 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $5^{\prime \prime}$ | $\$ 271.25$ |

Compression Spiral, 3+3


This compression spiral bit is designed for MDF (Medium Density Fiberboard) and products with melamine laminate.

It is used where faster feed rates need to be achieved.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2232 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 65.03$ |
| 2234 | $1 / 2^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 79.33$ |
| 2233 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 80.27$ |
| 2236 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 82.75$ |
| 2235 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 83.61$ |
| 2239 | $1 / 2^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 101.97$ |
| 2237 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 159.07$ |
| 2238 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 209.33$ |
| 2231 | $3 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $5^{\prime \prime}$ | $\$ 241.67$ |
| 2230 | $3 / 4^{\prime \prime}$ | $3^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $6^{\prime \prime}$ | $\$ 250.00$ |

Compression Spiral, 4+4


This compression spiral bit is designed for MDF (Medium Density Fiberboard) and products with melamine laminate.

This bit is used where an extremely high feed rate is required.

| is required. |  |  |  |  |  | 2241 | 5/16" | $1{ }^{\prime \prime}$ | 5/16" | 3" | \$49.63 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 2244 | 5/16" | 1-1/4" | 5/16" | $3 "$ | \$49.63 |
| $\begin{array}{\|l} \hline \text { Tool } \\ \text { No. } \\ \hline \end{array}$ | Cutting Dia. | Cutting <br> Length | Shank Dia. | Overall Length | Price | 2242 | 3/8" | 1-1/4" | 3/8" | $3 "$ | \$53.84 |
|  |  |  |  |  |  | 2247 | 3/8" | 1-5/8" | 3/8" | $3 "$ | \$68.45 |
| 9791 | 1/2" | 7/8" | 1/2" | $3 "$ | \$131.78 | 2246 | 1/2" | $1{ }^{\prime \prime}$ | 1/2" | 3" | \$63.00 |
| 9792 | 1/2" | $1{ }^{\prime \prime}$ | 1/2" | $3 "$ | \$140.57 | 2243 | 1/2" | 1-1/4" | 1/2" | 3" | \$63.63 |
| 9793 | 1/2" | 1-1/8" | 1/2" | 3" | \$124.23 | 2248 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$70.15 |
| 9794 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$151.07 | 2245 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$71.79 |
| 9795 | 1/2" | 1-5/8" | 1/2" | $4 "$ | \$162.06 |  |  |  |  |  |  |

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.
This mortise compression bit is designed for double sided laminated or veneered material.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2255 | $3 / 1^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 50.16$ |
| 2240 | $1 / 4^{\prime \prime}$ | 1 " | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 38.25$ |
| 2249 | $1 / 4^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 46.09$ |
| 2241 | $5 / 16^{\prime \prime}$ | 1 " | $5 / 16^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 49.63$ |
| 2244 | $5 / 16^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $5 / 16^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 49.63$ |
| 2242 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 53.84$ |
| 2247 | $3 / 8^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 68.45$ |
| 82246 | $1 / 2^{\prime \prime}$ | 1 " | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 63.00$ |
| 72243 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 63.63$ |
| 32248 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 70.15$ |
| 72245 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 71.79$ |
|  |  |  |  |  |  |
| 9 |  |  |  |  |  |

This mortise compression bit is designed fordouble sided laminated or veneered material.

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

| Tool No. | Cutting Dia. | Cutting <br> Length | Shank Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2201 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 2-1/2" | \$46.43 |
| 2202 | 3/8" | 1-1/4" | 3/8" | 3" | \$51.07 |
| 2203 | 1/2" | 1-1/4" | 1/2" | 3" | \$68.08 |
| 2204 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$71.35 |
| 2205 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$73.32 |
| Compression Spiral, Mortise 2+2 3/16" Up-Cut |  |  |  |  |  |
|  |  |  |  |  |  |

Compression Spiral, Mortise Chipbreaker 2+2, 3/16" Up-Cut

It is used where higher feed rate is required.
It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9731 | $1 / 4^{\prime \prime}$ | $1 "$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 48.11$ |
| 9732 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 60.50$ |
| 9733 | $3 / 8^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 72.75$ |
| 9734 | $1 / 2^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 91.38$ |
| 9735 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 91.52$ |
| 9736 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 96.54$ |

## Compression Spiral, MFC 2+2

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

It is for use where standard feed rate is required.
Tool Cutting Cutting Shank Overall Pric

| No. | Dia. | Length | Dia. | Length | Price |
| :--- | :--- | :---: | :---: | :---: | :---: |
| 9590 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 54.91$ |
| $\mathbf{9 5 9 1}$ | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 57.50$ |
| $\mathbf{9 5 9 2}$ | $1 / 2^{\prime \prime}$ | $1-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 66.21$ |
| $\mathbf{9 5 9 3}$ | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 67.95$ |
| $\mathbf{9 5 9 4}$ | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 71.44$ |
| $\mathbf{9 5 9 5}$ | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 76.67$ |
| $\mathbf{9 5 9 7}$ | $1 / 2^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\mathbf{\$ 8 3 . 1 7}$ |
| $\mathbf{9 5 9 8}$ | $5 / 8^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\mathbf{\$ 1 6 3 . 3 3}$ |


| Compression Spiral, MFC+2+2 |  |  |  |  |  | Compression Spiral, MFC 3+3 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue. |  |  |  |  |  | MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue. |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| carb <br> long <br> Too No. | MFC+ de yet th life bet <br> Cutting Dia. | id carbid the MF een tool Cutting Length | bit co grade hanges. Shank Dia. | mes with and will p <br> Overall Length | arder <br> ovide <br> Price |  | used w with down- | an <br> ort up <br> s requ | $\begin{aligned} & \text { ellent } \\ & \text { it to } \\ & \text { d. } \end{aligned}$ | sh on w mo | and <br> cut |
| 9650 | 3/8" | 7/8" | 3/8" | 3 " | \$58. |  |  |  |  |  |  |
| 9652 | 3/8" | $1{ }^{1 \prime}$ | 3/8" | $3 "$ | \$59.51 | No. | Dia. | Length | Dia. | Length | Pri |
| 9653 | 3/8" | 1-1/4" | 3/8" | 3" | \$63. | 741 | 3/8" | 1-1/4" | 3/8" | , | 69.52 |
| 9654 | $1 / 2^{\prime \prime}$ | 1-1/4" | $1 / 2^{\prime \prime}$ | 3-1/2" | \$70.3 | 9742 | 1/2" | 1-1/4" | 1/2" | 3" | \$85.73 |
| 9656 | $1 / 2^{\prime \prime}$ | 1-3/8" | 1/2" | 3-1/2" | \$73.9 | 743 | 1/2" | 1-3/8" | 1/2" | 3-1/2" | \$92.00 |
| 9657 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$79.35 | 9744 | 1/2" | 1-5/8" | 1/2" | 3-1/2" | \$91.98 |
| 9658 | 1/2" | 1-7/8" | 1/2" | 4" | \$84.69 | 9745 | 5/8" | 2" | 5/8" | $4 "$ | \$169.89 |

## Compression Spiral MFC+ Enduro Coated 2+2

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

Enduro Coat is an ultra thin PVD coating that offers many benefits for CNC applications. The Ultra-hard layer resists heat and abrasion, thus reducing cutting edge breakdown. Added lubricity results in better chip evacuation. Up to 4 times the life of non-coated equivalent tools and can be recoated after service.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7951 | $1 / 4^{\prime \prime}$ | $1 "$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 58.95$ |
| 7953 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 69.10$ |
| 7954 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 82.00$ |
| 7956 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 85.34$ |
| 7957 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 91.03$ |


| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 9671 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 57.50$ |
| 9672 | $1 / 2^{\prime \prime}$ | $1 "$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 65.00$ |
| 9673 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 66.21$ |
| 9674 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 71.44$ |
| 9675 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 76.67$ |
| 9677 | $3 / 4^{\prime \prime}$ | $2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 216.93$ |

Compression Spiral, MFC+ Mortise 2+2 3/16" Up-Cut, Enduro Coated

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

EnduroCoat is an ultra thin PVD coating that offers many benefits for CNC applications. The Ultra-hard layer resists heat and abrasion, thusreducing cutting edge breakdown . Added lubricityresults inbetter chip evacuation. Up to 4 times the life of non-coated equivalent tools and canbe re-coated after service.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7961 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 68.29$ |
| 7962 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 69.10$ |
| 7960 | $1 / 2^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 80.67$ |
| 7963 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 82.00$ |
| 7964 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 85.33$ |
| 7965 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 91.09$ |

## Compression Spiral, MFC Mortise 3+3 3/16" Up-Cut

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9691 | $3 / 8^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 67.83$ |
| 9692 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 69.52$ |
| 9693 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 85.73$ |
| 9694 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 92.00$ |
| 9695 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 89.30$ |
| 9696 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 169.89$ |



The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

It is used when higher feed rates are required.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9860 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 70.38$ |
| 9861 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 70.38$ |
| 9862 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 85.73$ |
| 9863 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 92.00$ |
| 9864 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 89.30$ |
| 9867 | $1 / 2^{\prime \prime}$ | $1-7 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 89.30$ |
| 9865 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 169.89$ |

## Compression Spiral, MFC+3+3 Enduro Coated

This 3 flute up-down spiral bit is designed for MDF and products with melamine laminate. This bit is used where an excellent finish on the top and bottom and higher feed rate is required.

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

It is used when higher feed rates are required.

EnduroCoat is an ultra thin PVD coating that offers many benefits for CNC applications. The Ultra-hard layer resists heat and abrasion, thusreducing cutting edge breakdown . Added lubricityresults inbetter chip evacuation. Up to 4 times the life of non-coated equivalent tools and canbe re-coated after service.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7972 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 100.40$ |
| 7974 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 108.67$ |

## Compression Spiral, MFC+ Mortise 2+2 3/16" Up-Cut



The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9661 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 58.71$ |
| 9662 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 59.51$ |
| 9663 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 70.33$ |
| 9664 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 73.93$ |
| 9665 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 79.35$ |
| 9667 | $1 / 2^{\prime \prime}$ | $1-7 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 84.69$ |

## Compression Spiral, MFC+ Mortise 3+3 3/16" Up-Cut



The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

It is used when higher feed rates are required.

It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 9870 | $3 / 8^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 69.51$ |
| 9871 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 70.38$ |
| 9872 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 71.95$ |
| 9876 | $1 / 2^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 87.39$ |
| 9873 | $1 / 2^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 88.73$ |
| 9874 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 95.22$ |
| 9875 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 96.07$ |
| 9878 | $1 / 2^{\prime \prime}$ | $1-3 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4^{\prime \prime}$ | $\$ 101.13$ |

Compression Spiral, MFC+ Mortise 3+3 3/16" Up-Cut, Enduro Coated

MFC (Melamine Faced Chipboard) grade spiral bit is designed for difficult materials such as MDF (Medium Density Fiberboard), particle board and products with melamine laminate; double sided laminated or veneered material. It is also suitable for wood composite that contains vinyl or glue.

The MFC+ solid carbide bit comes with harder carbide yet than the MFC grade and will provide longer life between tool changes.

It is used when higher feed rates are required.
It is used where an excellent finish on top and bottom with short up-cut to allow mortise cut when down-cut is required.

EnduroCoat is an ultra thin PVD coating that offers many benefits for CNC applications. The Ultra-hard layer resists heat and abrasion, thusreducing cutting edge breakdown. Added lubricityresults inbetter chip evacuation. Up to 4 times the life of non-coated equivalent tools and canbe re-coated after service.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Length | Shank <br> Dia. | Overall <br> Length |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7981 | $3 / 8^{\prime \prime}$ | 1 Price |  |  |  |
| 7982 | $3 / 8^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 79.97$ |
| 7984 | $1 / 2^{\prime \prime}$ | $1-3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 81.53$ |
| 7985 | $1 / 2^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\mathbf{\$ 1 0 7 . 7 3}$ |
|  |  |  |  |  |  |







In order to avoid vibration and for maximum cutting quality, always choose a router bit with the shortest cutting edge and the shortest overall length available that is able to fit your project application. Excessive overall length may cause tool damage.

## Straight, 1-Flute

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

A single flute bit has a faster cut speed than a multiple flute bit and should be used where cut speed is more important than cut finish. Though a single flute bit has a rougher cut than a multiple flute bit, it allows for faster chip clearance and maximum stock removal. Single flute bits are typically more suitable for being used on a lower horsepower router.

| Tool No. | Cutting Dia. | Cutting <br> Length | Shank Dia. | Shank <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 101 | 1/8" | 1/2" | 1/4" | 1-1/4" | \$7.41 |
| 102 | 3/16" | 1/2" | $1 / 4 "$ | 1-1/4" | \$7.46 |
| 103 | 1/4" | 3/4" | $1 / 4 "$ | 1-1/4" | \$7.49 |
| 104 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$7.56 |
| 123 | 1/4" | 3/4" | 1/2" | 1-1/2" | \$8.05 |
| 124 | 5/16" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$8.38 |
| 125 | 3/8" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$8.93 |
| 126 | 1/2" | 1-1/4" | 1/2" | 1-1/2" | \$9.52 |
| 127 | 1/2" | 1-1/2" | 1/2" | 1-1/2" | \$12.02 |
| 128 | 1/2" | 2" | 1/2" | 1-1/2" | \$13.59 |


\section*{| Straight, 2-Flute, Metric Shank |
| :---: |}

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Height | Shank <br> Dia. | Shank <br> Length | Price |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 212 | $5 / 16^{\prime \prime}$ | $1^{\prime \prime}$ | 8 mm | $1-1 / 4^{\prime \prime}$ | $\$ 9.01$ |

Straight, 2-Flute, 1/2" Shank Diameter


Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

When used on the Legacy Ornamental Mill these bits can mill grooves and mortises, or mill contoured profiles when following a template; simulating a copy lathe.

| $\begin{array}{\|l} \text { Tool } \\ \text { No. } \\ \hline \end{array}$ | Cutting <br> Dia. | Cutting <br> Length | Shank Dia. | Shank <br> Length | Price | $\begin{aligned} & \text { 201L } \\ & \text { 201D } \end{aligned}$ | $\begin{aligned} & 1 / 4^{\prime \prime} \\ & 9 / 32^{\prime \prime} \end{aligned}$ | $\begin{gathered} 1^{\prime \prime} \\ 3 / 4^{\prime \prime} \end{gathered}$ | $\begin{aligned} & 1 / 4^{\prime \prime} \\ & 1 / 4^{\prime \prime} \end{aligned}$ | $\begin{aligned} & 1-1 / 4^{\prime \prime} \\ & 1-1 / 4^{\prime \prime} \end{aligned}$ | $\begin{aligned} & \$ 8.42 \\ & \$ 8.46 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 231U | 7/32" | 1/2" | 1/2" | 1-1/2" | \$8.62 | 202 | 5/16" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.49 |
| 231 | 1/4" | 3/4" | 1/2" | 1-1/2" | \$8.68 | 203 | 3/8" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.54 |
| 232 | 5/16" | $1 "$ | 1/2" | 1-1/2" | \$9.32 | 204 | 7/16" | $1 "$ | 1/4" | 1-1/4" | \$8.57 |
| 223 | 3/8" | 3/4" | 1/2" | 1-3/4" | \$8.95 | 205U | 31/64" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.65 |
| 233 | $3 / 8{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$9.37 | 205 | 1/2" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.70 |
| 233L | 3/8" | 1-1/2" | 1/2" | 2" | \$12.39 | 205D | 17/32" | 3/4" | 1/4" | 1-1/4" | \$8.75 |
| 245 | 13/32 | 1 " | 1/2" | 1-1/2" | \$10.60 | 206 | 9/16" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.82 |
| 234A | 7/16" | 3/4" | 1/2" | 1-1/2" | \$9.33 | 207 | 5/8" | 3/4" | 1/4" | 1-1/4" | \$9.47 |
| 234 | 7/16" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$9.37 | 208R | 11/16" | 3/4" | 1/4" | 1-1/4" | \$9.41 |
| 234D | 15/32" | 1-1/4" | 1/2" | 1-1/2" | \$9.91 | 208U | 23/32" | $1{ }^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | 1-1/4" | \$10.55 |
| 235 U | 31/64" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$10.84 | 208 | 3/4" | 3/4" | 1/4" | 1-1/4" | \$10.23 |
| 235 | 1/2" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | \$10.24 | 209R | 13/16" | 3/4" | $1 / 4^{\prime \prime}$ | 1-1/4" | \$11.47 |
| 235A | 1/2" | 1-1/4" | 1/2" | 1-1/2" | \$12.02 | 209 | 7/8" | 3/4" | 1/4" | 1-1/4" | \$12.09 |
| 235L | 1/2" | 1-1/2" | 1/2" | 1-1/2" | \$12.87 | 210 | $1{ }^{\prime \prime}$ | 3/4" | $1 / 4^{\prime \prime}$ | 1-1/4" | \$12.73 |
| 235B | 1/2" | 2 " | 1/2" | $2 "$ | \$15.91 |  |  |  |  |  |  |


|  | 18 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 237D | 21/32" | 1-1/4" | 1/2" | 1-1/2" |
| 238R | 11/16" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" |
| 238U | 23/32" | $1 "$ | 1/2" | 1-1/2" |
| 238 | 3/4" | 1-1/4" | 1/2" | 1-1/2" |
| 238B | 3/4" | 2 " | 1/2" | 1-1/2" |
| 238D | 25/32" | 1-1/4" | 1/2" | 1-1/2" |
| 239R | 13/16" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" |
| 239A | 27/32" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" |
| 239 | 7/8" | 1-1/4" | 1/2" | 1-1/2" |
| 240 | $1 "$ | 1-1/4" | 1/2" | 1-1/2" |
| 241 | $1{ }^{\prime \prime}$ | $2{ }^{\prime \prime}$ | 1/2" | 2" |
| 244 | 1-1/8" | 1-1/2" | 1/2" | 1-1/2" |
| 242 | 1-1/4" | 1-1/2" | 1/2" | 1-1/2" |
| 243 | 1-1/2" | 1-1/2" | 1/2" | 1-1/2" |

Straight, 2-Flute, 1/4" Shank Diameter


Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

| $\begin{aligned} & \text { Tool } \\ & \text { No. } \end{aligned}$ | Cutting Dia. | Cutting <br> Length | Shank Dia. | Shank <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 201U | 7/32" | 3/4" | 1/4" | 1-1/4" | \$8.04 |
| 201R | 15/64" | 3/4" | 1/4" | 1-1/4" | \$8.32 |
| 201 | 1/4" | 3/4" | 1/4" | 1-1/4" | \$8.38 |
| 201L | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.42 |
| 201D | 9/32" | 3/4" | 1/4" | 1-1/4" | \$8.46 |
| 202 | 5/16" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.49 |
| 203 | 3/8" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.54 |
| 204 | 7/16" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.57 |
| 205U | 31/64" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.65 |
| 205 | 1/2" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.70 |
| 205D | 17/32" | 3/4" | 1/4" | 1-1/4" | \$8.75 |
| 206 | 9/16" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$8.82 |
| 207 | 5/8" | 3/4" | 1/4" | 1-1/4" | \$9.47 |
| 208R | 11/16" | 3/4" | 1/4" | 1-1/4" | \$9.41 |
| 208U | 23/32" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | \$10.55 |
| 208 | 3/4" | 3/4" | 1/4" | 1-1/4" | \$10.23 |
| 209R | 13/16" | 3/4" | 1/4" | 1-1/4" | \$11.47 |
| 209 | 7/8" | 3/4" | 1/4" | 1-1/4" | \$12.09 |
| 210 | 1 " | 3/4" | 1/4" | 1-1/4" | \$12.73 |
| Straight, 5 Degree Tapered for Castle Pocket machine, 2-Flute |  |  |  |  |  |

This bit is designed for the Castle Pocket machine. It comes with 2 flute tapered carbide tipped cutters which can cut high-pressure laminates, MDF, and solid surface materials.


Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

| $\begin{gathered} \text { Tool } \\ \text { No. } \end{gathered}$ | ation | Cuttin <br> Dia. | Length | Length | Dia. | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 151 | Right | 3/4" | 1-1/4" | 3-1/4" | 3/4" | \$18.03 |
| 152 | Right | 3/4" | $2{ }^{\prime \prime}$ | $4 "$ | 3/4" | \$22.50 |
| 153 | Left | 3/4" | 2 " | 5" | 3/4" | \$25.87 |
| 154 | Left | 3/4" | 2-1/2" | 5-1/2" | 3/4" | \$29.22 |

Straight Plunge, 2-Flute

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

This 2-flute plunge straight bit feature an extra carbide cutter at bottom for faster and cleaner plunging and mortising.

| Tool |
| :---: | :---: | :---: | :---: | :---: | ---: |
| No. | | Cutting |
| :---: |
| Dia. | | Cutting |
| :---: |
| Length | | Shank |
| :---: |
| Dia. | | Shank |
| :---: |
| Length | Price $\mid$

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

Straight router bits are probably the most commonly used bits for various woodworking applications such as planing edges and cutting rabbets, dadoes, grooves, or slots.

This 2-flute plunge straight bit feature an extra carbide cutter at bottom for faster and cleaner plunging and mortising.

| Tool <br> No. | Cutting <br> Dia. | Cutting <br> Height | Shank <br> Dia. | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 251 | $1 / 4^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 9.78$ |
| 253 | $3 / 8^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-5 / 8^{\prime \prime}$ | $\$ 10.64$ |
| 255 | $1 / 2^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-5 / 8^{\prime \prime}$ | $\$ 10.87$ |



## Flush Trim, 2-Flute

This flush trim bit is used for laminate, template, or pattern work.

| No. | Dia. | Length | Dia. | Length | g Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 318 | 1/4" | 1/2" | 1/4" | 1-1/4" | BR-00 \$10.69 |
| 319 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-00 \$11.59 |
| 301 | 3/8" | 1/2" | 1/4" | 1-1/4" | BR-02 \$9.79 |
| 302 | 3/8" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-02 \$9.98 |
| 303 | 1/2" | 1/2" | 1/4" | 1-1/4" | BR-03 \$10.38 |
| 304 | 1/2" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-03 \$11.30 |
| 305 | 1/2" | 1-1/4" | 1/4" | 1-1/4" | BR-03 \$11.92 |
| 309 | 5/8" | 5/8" | 1/4" | 1-1/4" | BR-05 \$13.00 |
| 306 | 1/2" | $1{ }^{\prime \prime}$ | 3/8" | 1-1/2" | BR-03 \$12.42 |
| 307 | 1/2" | 1/2" | 1/2" | 1-1/2" | BR-03 \$10.70 |
| 308 | 1/2" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | BR-03 \$12.77 |
| 311 | 1/2" | 1-1/2" | 1/2" | 1-1/2" | BR-03 \$15.28 |
| 312 | 1/2" | 2 " | 1/2" | 1-1/2" | BR-03 \$16.75 |
| 310 | 5/8" | 1-1/2" | 1/2" | 1-1/2" | BR-05 \$15.79 |
| 313 | 3/4" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | BR-08 \$14.69 |
| 314 | 3/4" | 2" | 1/2" | 1-1/2" | BR-08 \$18.60 |

Flush Trim, 3 Degree Down Shear, 2-Flute


This flush trim bit is used for laminate, template, or pattern work. This bits down shear cutting edges offer improved cutting speed and excellent finish.

Tool Overall Cutting Shank Shank
No. Dia. Length Dia. Length
${ }^{k}$ Bearing Price

| 322 | 1/4" | $1 / 2^{\prime \prime}$ | 1/4" | 1-1/4" | BR-0 | \$11. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 323 | 1/4" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-00 | \$1 |
| 31 | 3/8" | 1/2" | 1/4" | 1-1/4" | BR-02 | \$11. |
| 22 | 3/8" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-02 | \$12.33 |
| 320 | 1/2" | $1{ }^{\prime \prime}$ | 1/4" | 1-1/4" | BR-03 | \$12.51 |
| 1 | 1/2" | 1-3/16" | 1/4" | 1-1/4" | BR-0 | \$13.13 |
| 329 | 5/8" | 5/8" | 1/4" | 1-1/4" | BR-05 | \$14.01 |
| 324 | 1/2" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | BR-0 | \$13.76 |
| 325 | 1/2" | 1-3/16" | 1/2" | 1-1/2" | BR-03 | \$14.3 |
| 6 | 1/2" | 1-1/2" | 1/2" | 1-1/2" | BR-03 | \$15.79 |
| 327 | 1/2" | $2 "$ | 1/2" | 1-1/2" | BR-03 | 17.0 |
| 341 | 3/4" | $1{ }^{\prime \prime}$ | 1/2" | 1-1/2" | BR-08 | \$16.71 |
| 342 | 3/4" | 1-1/2" | 1/2" | 1-1/2" | BR-08 | 17.6 |
| 343 | 3/4" | $2{ }^{\prime \prime}$ | 1/2" | 1-1/2" | BR-08 | 18 |

















| Plunge Ogee, $1 / 4^{\prime \prime}$ Shank Diameter 2-Flute |
| :--- | :--- | :--- | :--- | :--- | :--- |



| $\underset{\text { Nool }}{\text { Tol }}$ | Radius | Cutting Height | Shank Length | Bearing Price |
| :---: | :---: | :---: | :---: | :---: |
| 4621 | 3/8" + 1/4" | 7/8" | 1-1/2" | BR-58 \$24.22 |
| 4622 | 3/8" + 1/4" | 1-1/8" | 1-1/2" | BR-58 \$27.85 |


| Classic Combination, 2-Flute <br> $1 / 2^{\prime \prime}$ Shank Diameter |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |


Cove design with a small fillet on top \& bottom for decorative edge forming and molding.
Comes with a Magnate BR-03 bearing..

| Tool No. | Radius | Shank Cutting Overall Shank |  |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Dia. | Length | Dia. | Length |  |
| 4701 | 5/32" | 1/4" | 1/2" | 1-1/8" | 1-1/4" | \$20.76 |
| 4702 | 1/4" | 1/4" | 5/8" | 1-3/8" | 1-1/4" | \$25.33 |
| 4703 | 5/16" | 1/4" | 11/16" | 1-1/2" | 1-1/4" | \$26.35 |
| 4704 | 3/8" | 1/4" | 3/4" | 1-5/8" | 1-1/4" | \$28.91 |
| S4701 | 5/32" | 1/2" | 1/2" | 1-1/8" | 1-1/2" | \$2 |
| S4702 | 1/4" | 1/2" | 5/8" | 1-3/8" | 1-1/2" | \$26.00 |
| S4703 | 5/16" | 1/2" | 11/16" | 1-1/2" | 1-1/2" | \$26 |
| S4704 | 3/8" | 1/2" | 3/4" | 1-5/8" | 1-1/2" | \$29.55 |
| S4705 | 1/2" | 1/2" | 7/8" | 1-3/4" | 1-1/2" | \$33.63 |





Raised Panel, Classical
2-Flute Horizontal


A reversible stile and rail bit comes with a Magnate 4303 ( $1 / 2^{\prime \prime}$ shank arbor assembly) , a profile cutter and one Magnate 9000 (1/4" height x 3/8" deep slot cutter). It can be used to make both stile and rail cuts In order to make glass doors of up to 1-1/8" stock, just stack one additional Magnate 9000 cutter next to the other.

Following are instructions how to cut both stile and rail cut by using a stile and rail reversible bit:

## Stile Cut :

1. Set up router bit for stile cut (Profile Cutter, Straight Cutter, Bearing, Nut)
2. Rip door sides to desired with. (typically $2^{\prime}$ to 4")
3. Set up router bit for stile cut. (Make sure the nut is secure by tightening in router)
4. Set height of bit and make test cuts for desire pattern.
5. Make all the stile cuts at one time to insure they are all the same.
6. Cut a $6^{\prime \prime}$ length and save as a set up example.
7. Cut length for desired door width.
8. For Rail Length, it equals Door Height 3/4" - Stile Width * 2

## Rail Cut :

1. Set up router bit for rail cut (Straight Cutter, Bearing, Profile Cutter, Nut )
2. Adjust the height of the bit for the bearing spacing even with the slot on the rail cut. Make final adjustments using test cuts and matching to be flush when placed together with rail.
3. Cut three 6 " squares of material to be used as guides for rail cuts. Make a rail cut on one side of one square. (rail guide.
4. Fit rail to be cut into the rail guide so the ends are flush. This is done to avoid frayed edges on the rail at the overlap end.
5. Place the second square on the opposite side of the stile cut and flush with the end. Place the third square over the first two squares and the rail and secure with screws to make a Rail Cutting Jig. Save for future use.
6. Cut rails on both ends using Rail cutting Jig to avoid end fray.
7. Panel will be $3 / 4$ " wider than inside of frame.

| Reversible Stile \& Rail, 2 Flute |
| :---: |
| $1 / 2^{\prime \prime}$ Shank Diameter, 1-1/2" Shank Length |
| 1-5/8" Overall Diameter |

One Piece Stile and Rail
2 Flute For $3 / 4$ to $7 / 8$ Material 1/2" Shank Diameter, 1-1/8" Cutting Height


S9001/9001

S9002/9002




S9004/9004


| Tool No. | Profile | Cutting <br> Height | Bearing Price |
| :--- | :---: | :---: | :---: |
| S9001 | Ogee | $7 / 8^{\prime \prime}$ | BR-06 \$41.93 |
| S9002 | Classic | $7 / 8^{\prime \prime}$ | BR-06 \$42.55 |
| S9003 | Traditional | $7 / 8^{\prime \prime}$ | BR-06 \$42.03 |
| S9004 | 14 Degree Bevel | $7 / 8^{\prime \prime}$ | BR-06 \$41.78 |
| S9005 | Tongue \& Groove | $3 / 4^{\prime \prime}$ | BR-06 \$38.10 |
| S9006 | V-Groove | $3 / 4^{\prime \prime}$ | BR-06 \$47.86 |
| S9009 | Cove \& Bead | $7 / 8^{\prime \prime}$ | BR-06 \$42.16 |



| Tool No. | Profile | Cutting <br> Height | Bearing Price | 90 |
| :---: | :---: | :---: | :---: | :---: |
| 90001 | Ogee | $7 / 8^{\prime \prime}$ | BR-06 | $\$ 41.90$ |
| 9000 |  |  |  |  |


|  | Height |  |  |  | 9003 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Jig 9001 | Ogee | 7/8" | BR-06 | \$41.90 |  |
| 9002 | Classic | 7/8" | BR-06 | \$42.48 | 9 |
| 9003 | Traditional | 7/8" | BR-06 | \$41.94 |  |
| 9004 | 14 Degree Bevel | 7/8" | BR-06 | \$41.69 |  |
| 9005 | Tongue \& Groove | 3/4" | BR-06 | \$37.93 |  |
| 9006 | V-Groove | 3/4" | BR-06 | \$47.78 | 009 |
| 9009 | Cove \& Bead | 7/8" | BR-06 | \$42.08 |  |

















IJIA $A \mathbb{N} A^{-1} \underline{E}^{\mathrm{TM}} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA

These cobalt M42 uncoated end mill bits ar designed for tougher cutting assignments histrength, hi-temp steel and exotic materials extended production runs in conventional and $\mathrm{N} / \mathrm{C}$ milling operations.

Used for general purpose milling including profiling slotting, keyways, pockets and plunge cutting.

TiAIN coated end mills are also available, details upon request.


| Tool No. | Mill Dia. | Shank Dia. | Flute Height | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM2602 | 1/8" | 3/8" | 3/8" | 2-5/16" | \$21 |
| EM2604 | 3/16" | 3/8" | 7/16" | 2-5/16" | \$19.33 |
| EM2606 | 1/4" | 3/8" | 1/2" | 2-5/16" | \$21.07 |
| EM2608 | 5/16" | 3/8" | 9/16" | 2-5/16" | \$19.43 |
| EM2610 | 3/8" | 3/8" | 9/16" | 2-5/16" | \$22.58 |
| EM2612 | 7/16" | 3/8" | 13/16" | 2-1/2" | \$31.53 |
| EM2614 | 1/2" | $3 / 8{ }^{\prime \prime}$ | 13/16" | 2-1/2" | \$27.07 |
| EM2616 | 1/2" | 1/2" | $1{ }^{\prime \prime}$ | $3{ }^{\prime \prime}$ | \$34.00 |
| EM2618 | 9/16" | 1/2" | 1-1/8" | 3-1/8" | \$31. |
| EM2620 | 5/8" | 1/2" | 1-1/8" | 3-1/8" | \$35.43 |
| EM2622 | 5/8" | 5/8" | 1-5/16" | 3-7/16" | \$35.2 |
| EM2630 | 3/4" | 5/8" | 1-5/16" | 3-7/16" | \$35.20 |
| EM2632 | 3/4" | $3 / 4{ }^{\prime \prime}$ | 1-5/16" | 3-9/16" | \$40.17 |
| EM2636 | 7/8" | 5/8" | 1-1/2" | 3 5/8" | \$52.70 |
| EM2640 | 7/8" | $7 / 8{ }^{\prime \prime}$ | 1-1/2" | 3-3/4" | \$59.35 |
| EM2642 | $1{ }^{\prime \prime}$ | 5/8" | 1-1/2" | 3 5/8" | \$57.27 |
| EM2644 | $1^{\prime \prime}$ | 3/4" | 1-1/2" | 3-3/4" | \$70.60 |
| EM2646 | $1 "$ | $1{ }^{\prime \prime}$ | 1-5/8" | 4-1/8" | \$70.07 |
| EM2656 | 1-1/4" | 1-1/4" | 1-5/8" | 4-1/8" | \$89.32 |
| EM2664 | 1-1/2" | 1-1/4" | 1-5/8" | 4-1/8" | \$116.65 |
| EM2678 | $2^{\prime \prime}$ | 1-1/4" | 1-5/8" | 4-1/8" | \$18 |

Cobalt M42, 4 Flute Double End Right Hand, $30^{\circ}$ Helix, Weldon Shank

Cobalt M42, 4 Flute, Single End
Right Hand, $30^{\circ}$ Helix, Weldon Shank


| ool No. | Mill <br> Dia. | Shank Dia. | Flute Height | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM2702 | 1/8" | 3/8" | 3/8" | 2-5/16" | \$19.98 |
| EM2704 | 3/16" | 3/8" | 1/2" | 2-3/8" | \$19.98 |
| EM2706 | 1/4" | 3/8" | 5/8" | 2-7/16" | \$22.88 |
| EM2708 | 5/16" | 3/8" | 3/4" | 2-1/2" | \$24.20 |
| EM2710 | 3/8" | 3/8" | 3/4" | 2-1/2" | \$22.88 |
| EM2711 | 3/8" | 3/8" | 1-1/2" | 3-1/4" | \$26.63 |
| EM2714 | 1/2" | 1/2" | 1-1/4" | 3-1/4" | \$30.20 |
| EM2715 | 1/2" | 1/2" | $2 "$ | 4" | \$42.48 |
| EM2718 | 5/8" | 5/8" | 1-5/8" | 3-3/4" | \$46.82 |
| EM2719 | 5/8" | 5/8" | 2-1/2" | 4-5/8" | \$48.07 |
| EM2722 | 3/4" | 3/4" | 1-5/8" | 3-7/8" | \$57.18 |
| EM2723 | 3/4" | 3/4" | $3{ }^{\prime \prime}$ | 5-1/4" | \$54.53 |
| EM2724 | 7/8" | 7/8" | 1-7/8" | 4-1/8" | \$56.55 |
| EM2728 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | $2{ }^{\prime \prime}$ | 4-1/2" | \$80.60 |
| EM2729 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | $4{ }^{\prime \prime}$ | 6-1/2" | \$97.07 |
| EM2730 | 1-1/4" | 1-1/4" | $2 "$ | 4-1/2" | \$109.77 |
| EM2731 | 1-1/4" | 1-1/4" | $4{ }^{\prime \prime}$ | 6-1/2" | \$146.63 |
| EM2734 | 1-1/2" | 1-1/4" | 2" | 4-1/2" | \$136.22 |


| $\text { Tool No. } \begin{gathered} \text { Mill } \\ \text { Dia. } \end{gathered}$ | Shank Dia. | Flute Height | Overal Length | Price |
| :---: | :---: | :---: | :---: | :---: |
| EM27321-1/4" | 1-1/4" | 2 " | 4-1/2" | \$105.78 |
| EM27331-1/4" | 1-1/4" | $4 "$ | 6-1/2" | \$146.63 |
| EM27361-1/2" | 1-1/4" | $2 "$ | 4-1/2" | \$128.80 |
| EM2738 ${ }^{\prime \prime}$ | 1-1/4" | 2" | 4-1/2" | \$195.33 |



| Tool No. | Mill <br> Dia. | Shank Dia. | Flute Height | Overall Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM2502 | 1/8" | 3/8" | 3/8" | 3-1/16" | \$36.07 |
| EM2506 | 3/16" | 3/8" | 1/2" | 3-1/4" | \$36.37 |
| EM2510 | $1 / 4 "$ | 3/8" | 5/8" | 3-3/8" | \$29.35 |
| EM2514 | 5/16" | 3/8" | 3/4" | 3-1/2" | \$29.67 |
| EM2518 | 3/8" | 3/8" | 3/4" | 3-1/2" | \$32.02 |
| EM2526 | 1/2" | 1/2" | $1{ }^{\prime \prime}$ | 4-1/8" | \$47.72 |
| EM2530 | 5/8" | 5/8" | 1-3/8" | 5" | \$68.30 |
| EM2532 | 3/4" | 3/4" | 1-5/8" | 5-5/8" | \$73.00 |

These roughing end mills have a sinusoidal chip reaker form which produce small chips, allowing them to run at faster speed rate than conventional ools, resulting in high material removal rates.

Designed to machine difficult and abrasive materials, anging from medium to highest hardness level nachinable by High Speed steel. The 8\% cobalt content assures high edge hardness at elevated emperature levels. The large core diameter provides igidity and reduces deflection.

They can be used for general purpose rough milling including profiling andopen ended slots.


| Tool No. | Mill <br> Dia. | Shan Dia. | Height |  | Overall Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EM2112 | 1/2" | 1/2" | 1-1/4" | 4 | 3-1/4" | \$91.28 |
| EM2114 | 1/2" | 1/2" | $2 "$ | 4 | $4 "$ | \$122.30 |
| EM2116 | 5/8" | 5/8" | 1-5/8" | 4 | 3-3/4" | \$122.30 |
| EM2118 | 5/8" | 5/8" | 2-1/2" | 4 | 4-5/8" | \$152.45 |
| EM2120 | 3/4" | 3/4" | 1-5/8" | 4 | 3-7/8" | \$132.80 |
| EM2122 | 3/4" | 3/4" | $3 "$ | 4 | 5-1/4" | \$164.82 |
| EM2124 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | $2{ }^{\prime \prime}$ | 5 | 4-1/2" | \$223.33 |
| EM2126 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | $4{ }^{\prime}$ | 5 | 6-1/2" | \$256.98 |
| EM21281 | 1-1/4" | 1-1/4" | $2{ }^{\prime \prime}$ | 6 | 4-1/2" | \$280.03 |
| EM2130 | 1-1/4" | 1-1/4" | $4 "$ | 6 | 6-1/2" | \$340.30 |
| EM21321 | 1-1/2" | 1-1/4" | $2{ }^{\prime \prime}$ | 6 | 4-1/2" | \$354.47 |
| EM2134 | 1-1/2 | 1-1/4" | 4" | 6 | 6-1/2" | \$398.75 |


| Cobalt M42 Roughing, Coarse Pitch Non-Center Cutting <br> Right Hand, $30^{\circ}$ Helix, Sinusoidal Tooth |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Mill <br> Dia. | Shank Dia. | Flute Height |  | Overall Length | Price |
| EM2006 | 1/4" | 3/8" | 5/8" | 3 | 2-7/16" | \$35.40 |
| EM2008 5 | 5/16" | 3/8" | 3/4" | 3 | 2-1/2" | \$37.97 |
| EM2010 | 3/8" | 3/8" | 3/4" | 4 | 2-1/2" | \$39.15 |
| EM2015 | 1/2" | 1/2" | 2" | 4 | $4 "$ | \$66.20 |
| EM2018 | 5/8" | 5/8" | 1-5/8" | 4 | 3-3/4" | \$53.18 |
| EM2019 | 5/8" | 5/8" | 2-1/2" | 4 | 4-5/8" | \$89.53 |
| EM2022 | 3/4" | 3/4" | 1-5/8" | 4 | 3-7/8" | \$64.07 |
| EM2021 | 3/4" | 3/4" | $3{ }^{\prime \prime}$ | 4 | 5-1/4" | \$81.53 |
| EM2024 | 7/8" | 3/4" | 1-7/8" | 5 | 4-1/8" | \$90.93 |
| EM2025 | 7/8" | 3/4" | 3-1/2" | 5 | 5-3/4" | \$105.73 |
| EM2032 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | $2{ }^{\prime \prime}$ | 5 | 4-1/2" | \$102.27 |
| EM2029 | $1 "$ | $1{ }^{\prime \prime}$ | $4{ }^{\prime \prime}$ | 5 | 6-1/2" | \$135.27 |
| EM20341 | 1-1/8" | $1{ }^{\prime \prime}$ | $2 "$ | 6 | 4-1/2" | \$128.75 |
| EM20361 | 1-1/4" | 1-1/4" | $2 "$ | 6 | 4-1/2" | \$146.13 |
| EM20371 | 1-1/4" | 1-1/4" | $4{ }^{\prime \prime}$ | 6 | 6-1/2" | \$177.03 |
| EM20381 | 1-1/2" | '1-1/4" | $2 "$ | 6 | 4-1/2" | \$176.02 |
| EM20391 | 1-1/2" | 1-1/4" | $4{ }^{\prime \prime}$ | 6 | 6-1/2" | \$264.53 |
| EM2040 | 2 | 1-1/4" | $2 "$ | 8 | 4-1/2" | \$238.72 |
| EM2041 | $2{ }^{\prime \prime}$ | 1-1/4" | 4" | 8 | 6-1/2" | \$305.47 |
| EM2042 | $2{ }^{\prime \prime}$ | $2 "$ | $4 "$ | 8 | 7-3/4" | \$362.6 |
| EM2045 | 2 " | $2 "$ | 8" | 8 | 11-3/4" | \$537.77 |
| EM2047 | $2{ }^{\prime \prime}$ | $2 "$ | $10 "$ |  | 13-3/4" | \$672.22 |
| EM2049 | 2 " | 2 " | 12 " | 8 | 15-3/4" | \$806.65 |

These micro-grain solid carbide, uncoated end mill bits provides outstanding performance and allows optimum cutting speeds and feeds, high rigidity and minimum tool deflection. It is designed for aggressive milling of most materials. TiAIN coated end mills are also available, details upon request.

For wood cutting applications, spiral bits may be more suitable than these end mills.

Solid Carbide, Ball Nose, 2-Flute Single End, Right Hand, $30^{\circ}$ Helix

Ball nose geometry for inside corner radius and CNC contouring.

| Tool No. | Mill <br> Dia. | Shank Dia. | Flute Height | Overall Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM1562 | 1/32" | 1/8" | 3/32" | 1-1/2" | \$14. |
| EM1564 | 3/64" | 1/8" | 1/8" | 1-1/2" | \$12.58 |
| EM1566 | 1/16" | $1 / 8{ }^{\prime \prime}$ | 1/4" | 1-1/2" | \$12.77 |
| EM1568 | 5/64" | 1/8" | 1/4" | 1-1/2" | \$10.72 |
| EM1570 | 3/32" | 1/8" | 3/8" | 1-1/2" | \$13.70 |
| EM1572 | 7/64" | 1/8" | 3/8" | 1-1/2" | \$10.72 |
| EM1502 | 1/8" | 1/8" | 1/2" | 1-1/2" | \$10.83 |
| EM15 | 5/32" | 3/16" | 9/16" | $2 "$ | \$16.32 |
| EM1506 | 3/16" | 3/16" | 5/8" | 2 " | \$16.07 |
| EM150 | 7/32" | 1/4" | 5/8" | 2-1/2" | \$21.05 |
| EM1510 | 1/4" | 1/4" | 3/4" | 2-1/2" | \$19.73 |
| EM15 | 9/32" | 5/16" | 7/8" | 2-1/2" | \$29.82 |
| EM1514 | 5/16" | 5/16" | 7/8" | 2-1/2" | \$27.60 |
| EM1516 | 3/8" | 3/8" | 7/8" | 2-1/2" | \$30.62 |
| EM1518 | 7/16" | 7/16" | $1{ }^{\prime \prime}$ | 2-1/2" | \$48.62 |
| EM1520 | 1/2" | 1/2" | $1{ }^{\prime \prime}$ | $3 "$ | \$57.37 |
| EM1522 | 9/16" | 9/16" | 1-1/4" | 3-1/2" | \$95.23 |
| EM1524 | 5/8" | 5/8" | 1-1/4" | 3-1/2" | \$102.17 |
| EM1526 | 3/4" | 3/4" | 1-1/2" | $4 "$ | \$148.72 |
| EM1528 | 7/8" | 7/8" | 1-1/2" | 4" | \$232.10 |
| EM1530 | 1 " | $1{ }^{\prime \prime}$ | 1-1/2" | 4" | \$246.55 |

Solid Carbide, Ball Nose, 4-Flute Single End, Right Hand, $30^{\circ}$ Helix

## $\square \rightarrow+5$

Ball nose geometry for inside corner radius and CNC contouring.

| Tool No. | Mill Dia. | Shank Dia. | Flute Height | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM1563 | 1/32" | 1/8" | 3/32" | 1-1/2" | \$14.27 |
| EM1565 | 3/64" | 1/8" | 1/8" | 1-1/2" | \$12.58 |
| EM1567 | 1/16" | 1/8" | 1/4" | 1-1/2" | \$12.77 |
| EM1569 | 5/64" | 1/8" | 1/4" | 1-1/2" | \$10.72 |
| EM1571 | 3/32" | $1 / 8 "$ | 3/8" | 1-1/2" | \$12.77 |
| EM1573 | 7/64" | 1/8" | 3/8" | 1-1/2" | \$10.72 |
| EM1503 | $1 / 8{ }^{\prime \prime}$ | 1/8" | 1/2" | 1-1/2" | \$10.83 |
| EM1507 | 3/16" | 3/16" | 5/8" | 2" | \$16.07 |
| EM1511 | 1/4" | 1/4" | 3/4" | 2-1/2" | \$19.73 |
| EM1515 | 5/16" | 5/16" | 7/8" | 2-1/2" | \$27.60 |
| EM1517 | 3/8" | 3/8" | 7/8" | 2-1/2" | \$30.62 |
| EM1519 | 7/16" | 7/16" | $1{ }^{\prime \prime}$ | 2-1/2" | \$48.62 |
| EM1521 | 1/2" | 1/2" | $1{ }^{\prime \prime}$ | 3" | \$57.37 |
| EM1525 | 5/8" | 5/8" | 1-1/4" | 3-1/2" | \$102.17 |
| EM1527 | 3/4" | 3/4" | 1-1/2" | $4{ }^{\prime \prime}$ | \$148.72 |
| EM1531 | $1{ }^{\prime \prime}$ | $1{ }^{\prime \prime}$ | 1-1/2" | 4" | \$246.55 |

Solid Carbide, 2-Flute, Stub Length
Single End, Right Hand, $30^{\circ}$ Helix


| Tool No. | Mill <br> Dia. | Shank Dia. | Flute <br> Height | Overall Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EM1105 | 1/16" | 1/8" | 1/8" | 1-1/2" | \$8.95 |
| EM1107 | 3/32" | 1/8" | 3/16" | 1-1/2" | \$6.05 |
| EM1109 | 1/8" | 1/8" | 1/4" | 1-1/2" | \$7.93 |
| EM1117 | 5/32" | 3/16" | 5/16" | $2{ }^{\prime \prime}$ | \$11.50 |
| EM1119 | 3/16" | 3/16" | 3/8" | 2 " | \$12.63 |
| EM1125 | 7/32" | 1/4" | 7/16" | 2" | \$13.55 |
| EM1127 | 1/4" | 1/4" | 1/2" | $2 "$ | \$15.78 |
| EM1133 | 5/16" | 5/16" | 1/2" | 2" | \$20.25 |
| EM1135 | 3/8" | 3/8" | 5/8" | $2{ }^{\prime \prime}$ | \$23.35 |
| EM1143 | 7/16" | 7/16" | 5/8" | 3" | \$32.57 |
| EM1149 | 1/2" | 1/2" | 5/8" | 2-1/2" | \$40.22 |
| EM1159 | 5/8" | 5/8" | 3/4" | $3 "$ | \$70.42 |
| EM1169 | $3 / 4 "$ | 3/4" | $1{ }^{\prime \prime}$ | 3" | \$100.77 |




# IDIAGNATIEE ${ }^{\text {TM }}$ Tapered End Mills - Solid Sub-Micrograin Carbide 

All tapered end mills are produced from a premium grade of super submicrograin carbide to give you the maximum hardness and toughness. This means longer cutting life with less breakage.

All flutes are hollow ground with double clearance angles. The flute face is also hollow ground and polished to assure free cutting actions with minimum of heat generation. All tools have end cutting teeth. Special grinding procedures and equipment assures a high degree on concentricity between shank and cutting flutes.

Taper angles constant to $+/-.001$ per inch of flute length. Tip diameter tolerances are held at $+/-.002$. Shank diameter tolerances are .0002 to -.0005 .


Tip Flute Shank Overall Large

Flat-End Price Dia. Length Dia. Length Dia. Ball-End Price Flat-End Price Dia. Length Dia. Length Dia. Ball-End Price \begin{tabular}{lllllll|l|llllllll}
FE0-0001 \& $\$ 30.98$ \& $1 / 32 "$ \& $1 / 4 "$ \& $1 / 8 "$ \& $2 "$ \& $.03561 " B E 0-0001$ \& $\$ 38.99$ \& FE1-0001 \& $\$ 31.38$ \& $1 / 32 "$ \& $1 / 4 "$ \& $1 / 8 "$ \& $2 "$ \& $.03998 "$ \& BE1-0001

 $\mathbf{\$ 3 9 . 4 0}$ 

FE0-0002 \& $\$ 33.12$ \& $1 / 32 "$ \& $1 / 2^{\prime \prime}$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.03998 "$ BE $0-0002$ \& $\$ 41.13$ \& FE1-0002 \& $\$ 33.59$ \& $1 / 32 "$ \& $1 / 2^{\prime \prime}$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.0487^{\prime \prime}$ \& BE1-0002 \& $\$ 41.60$ <br>
\hline
\end{tabular}

 \begin{tabular}{llllll|llllllllll}
FE0-0502 \& $\$ 33.59$ \& $3 / 64 "$ \& $1 / 2^{\prime \prime}$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.05560 "$ BE $0-0502$ \& $\$ 41.60$ \& FE $1-0502$ \& $\$ 31.78$ \& $3 / 64 "$ \& $1 / 2 "$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.06433 "$ \& BE $1-0502$

$\$ 39.79$ 

FEO-002 \& $\$ 35.72$ \& $1 / 16^{\prime \prime}$ \& $1 / 2^{\prime \prime}$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.07123 "$ BE $0-002$ \& $\$ 43.73$ \& FE1-002 \& $\$ 33.92$ \& $1 / 16^{\prime \prime}$ \& $1 / 2^{\prime \prime}$ \& $1 / 8^{\prime \prime}$ \& $2 "$ \& $.07995 "$ \& BE1-002

 

\hline FE0-003 \& $\$ 29.51$ \& $1 / 16 "$ \& $3 / 4 "$ \& $1 / 8^{\prime \prime}$ \& $2-1 / 2 "$ \& $.07559 "$ \& BE0-003 \& $\$ 37.53$ <br>
FE0-004 \& $\$ 45.93$ \& $1 / 16 "$ \& $1 "$ \& $1 / 8^{\prime \prime}$ \& $3 "$ \& $.07995 "$ BE0-004 \& $\$ 55.15$ \& FE1-004

 

FE0-052 \& $\$ 36.59$ \& $5 / 64 "$ \& $1 / 2 "$ \& $1 / 8 "$ \& $2 "$ \& $.08685 "$ BE0-052 <br>
FE0-053 \& $\$ 35.72$ \& $5 / 64 "$ \& $3 / 4 "$ \& $1 / 8 "$ \& $2-1 / 2 " .09121 "$ BE0-053

 $\begin{array}{lllllll}\text { FE0-054 } & \$ 46.34 & 5 / 64 " & 1 " & 1 / 8^{\prime \prime} & 3 " & .09558^{\prime \prime} \text { BE0-054 } \\ \text { FE0-102 } & \$ 25.03 & 3 / 32 " & 1 / 2 " & 1 / 8^{\prime \prime} & 2 " & .10248 " \text { BE0-102 }\end{array}$ 

FE0-103 \& $\$ 29.78$ \& $3 / 32 "$ \& $3 / 4 "$ \& $1 / 8 "$ \& $2-1 / 2 " .10684 " ~ B E 0-103$ <br>
FE0-105 \& $\$ 35.99$ \& $3 / 32 "$ \& $1-1 / 4 "$ \& $1 / 8 "$ \& $3 "$ <br>
\hline
\end{tabular} FE0-201 \$26.65 1/8" $1 / 4 " 3 / 16^{\prime \prime} 2-1 / 2^{\prime \prime}$. $12936 "$ BE0-201 \$33.32

| FE0-2015 | $\$ 28.05$ | $1 / 8 "$ | $3 / 8 "$ | $3 / 16 "$ | $2-1 / 2 "$ | $.13154 "$ BE0-2015 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | \$34.72


| FE0-203 | \$29.91 1/8" | 3/4" | 3/16" | 2-1/2" | .13809" BE0-203 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | . $1380{ }^{\text {² }}$ BE0-203 |  |


| FE0-204 | $\$ 37.99$ | $1 / 8^{\prime \prime}$ | $1 "$ | $3 / 16 "$ | $3 "$ | $.14245 "$ BE0-204 | $\$ 46.01$ |
| :--- | :--- | :--- | :---: | :--- | :--- | :--- | :--- |
| FE0-205 | $\$ 33.78$ | $1 / 8^{\prime \prime}$ | $1-1 / 4 "$ | $3 / 16 "$ | $3 "$ | $.14681 "$ BE0-205 | $\$ 41.80$ |

FE0-206 \$33.92 1/8" 1-1/2" 3/16" 3" .15118" BE0-206 \$40.73

| FE0-303 | $\$ 31.38$ | $3 / 16 "$ | $3 / 4 "$ | $1 / 4 "$ | $2-1 / 2 "$ | $.20059 "$ BE0-303 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| FE0-307 | $\$ 48.87$ | $3 / 16 "$ | $1-3 / 4 "$ | $1 / 4 "$ | $3-1 / 2 "$ | $.21804 "$ |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| FE $0-313$ | $\$ 85.46$ | $3 / 16 "$ | $3-1 / 4 "$ | $3 / 8 "$ | $6 "$ | $24421 "$ |


| FE0-313 | $\$ 85.46$ | $3 / 16 "$ | $3-1 / 4 "$ | $3 / 8 "$ | $6 "$ | $.24421 " B E 0-313$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| FE0-403 | $\$ 4433$ | $1 / 4 "$ | $3 / 4 "$ | $3 / 8 "$ | 2 | $1 / 2 "$ |

FE0-405 $\$ 44.33$ 1/4" $3 / 4^{\prime \prime}$
FE0-409 \$61.96 $1 / 4 " \quad 2-1 / 4 " 3 / 8 " 4-1 / 2 " .28926 " B E 0-409$

| FE0-413 | $\$ 80.12$ | $1 / 4 "$ | $3-1 / 4 "$ | $3 / 8 "$ | $6 "$ | $.30671 " B E 0-413$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| FE0-605 | $\$ 56.89$ | $3 / 8 "$ | $1-1 / 4 "$ | $1 / 2 "$ | $3-1 / 2 " .39681 " B E 0-605$ | $\$ 68.31$ |

FE0-609 \$77.32 3/8" $2-1 / 4 " 1 / 2 " ~ 5 " ~ .41426 " B E 0-609 \quad \$ 92.81$

| FE0-613 | $\$ 102.83$ | $3 / 8 "$ | $3-1 / 4 "$ | $1 / 2 "$ | $6 "$ | $.43171 "$ BE0-613 | $\$ 123.38$ |
| :--- | ---: | :--- | :--- | :--- | :--- | ---: | ---: |
| FE0-805 | $\$ 66.77$ | $1 / 2 "$ | $1-1 / 4 "$ | $9 / 16 "$ | $4 "$ | $.52181 "$ BE0-805 | $\$ 80.12$ |

FE0-809 \$96.15 1/2" 2-1/4" 9/16" 5" .53926"BE0-809 \$115.37
FE0-813 \$186.95 $1 / 2$ " $3-1 / 4 " 5 / 8 " \quad 6 " \quad .55671 "$ BE0-813 \$224.34
FE0-1009 \$153.58 5/8" 2-1/4" 3/4" 5" .66426"BE0-1009 \$184.28
FE0-1013 \$193.64 5/8" 3-1/4" 3/4" 6" .68171" BE0-1013 \$232.36
FE0-1017 \$267.08 5/8" 4-1/4" 3/4" 7" .69916" BE0-1017 \$320.49
FE0-1209 \$186.95 3/4" $2-1 / 4 " \quad 7 / 8 " \quad 5 " \quad .78926 " B E 0-1209$ \$224.34

| FE0-1213 | $\$ 240.37$ | $3 / 4 "$ | $3-1 / 4 "$ | $7 / 8 "$ | $6 "$ | $.80671 "$ BE0-1213 | $\$ 283.10$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| FE0-1217 | $\$ 320.49$ | $3 / 4 "$ | $4-1 / 4 "$ | $1 "$ | $7 "$ | $.82416 "$ BE0-1217 | $\$ 384.59$ |

FE0-1221 \$367.24 3/4" 5-1/4" 1 " $\quad 8$ " $\quad .84161 " B E 0-1221 \quad$ \$440.68
$1{ }^{\circ}$ 3-Flute Tapered

Tip Flute Shank Overall Large

| 31.85 | $1 / 16 "$ | $3 / 4 "$ | $1 / 8 "$ | $2-1 / 2 "$ | $.08868 "$ | BE1-003 | $\$ 39.86$ |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 46.34 | $1 / 16 "$ | $1 "$ | $1 / 8 "$ | $3 "$ | $.0974 "$ | BE1-004 | $\$ 55.62$ |


| $\$ 36.98$ | $5 / 64 "$ | $1 / 2 "$ | $1 / 8^{\prime \prime}$ | $2 "$ | $.09558 "$ | BE1-052 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



| $\$ 46.81$ | $5 / 64 "$ | $1 "$ | $1 / 8 "$ | $3 "$ | $.11303 "$ | BE1-054 | $\$ 56.15$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 29.98$ | $3 / 32 "$ | $1 / 2 "$ | $1 / 8 "$ | $2 "$ | $.11120 "$ | BE1-102 | $\$ 37.99$ |



| 3 ${ }^{\circ}$ 3-Flute Tapered ( Continued ) |  |  |  |  |  |  |  |  | $4^{\circ} 3$-Flute Tapered |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Flat-End Price |  | Tip <br> Dia. | Flute Shank Overall Large Length Dia. Length Dia. |  |  |  | Ball-End Price |  | Flat-End Pric |  | Flute Shank Length Dia. |  | Length Dia. |  | Ball-End Price |  |
| FE3-105 | \$36.59 | 3/32" | 1-1/4" | 1/4" | 3 " | .22478" | BE3-105 | \$43.86 | FE4-0004 | \$34.66 1/32" | " ${ }^{\prime \prime}$ | 3/16" | 3 " | .17111" | BE4-0004 | \$41.33 |
| FE3-106 | \$38.79 | 3/32" | 1-1/2" | 1/4" | 3" | .25000" | BE3-106 | \$46.81 | FE4-004 | \$33.85 1/16" | " 1" | 1/4" | 3" | .20236" | BE4-004 | \$41.86 |
| FE3-107 | \$47.27 | 3/32" | 1-3/4" | 3/8" | 3-1/2" | .27719" | BE3-107 | \$55.29 | FE4-103 | \$32.38 3/32" | " 3/4" | 1/4" | 2-1/2" | .19865" | BE4-103 | \$39.06 |
| FE3-108 | \$48.81 | 3/32" | 2 " | 5/16" | 4" | .30339" | BE3-108 | \$58.56 | FE4-104 | \$33.59 3/32" | " 1" | 1/4" | 3" | .23361" | BE4-104 | \$41.60 |
| FE3-110 | \$61.43 | 3/32" | 2-1/2" | 3/8" | 4-1/2" | . 35580 " | BE3-110 | \$73.71 | FE4-203 | \$35.66 1/8" | 3/4" | 1/4" | 2-1/2" | .22990" | BE4-203 | \$43.67 |
| FE3-154 | \$33.39 | 7/64" | 1" | 1/4" | 3" | .21382" | BE3-154 | \$41.40 | FE4-204 | \$33.92 1/8" | 1 " | 3/8" | 3" | .26486" | BE4-204 | \$41.93 |
| FE3-155 | \$36.06 | 7/64" | 1-1/4" | 1/4" | 3" | .24003" | BE3-155 | \$43.26 | FE4-206 | \$43.53 1/8" | 1-1/2" | " 3/8" | 3-1/2" | .33479" | BE4-206 | \$52.21 |
| FE3-156 | \$39.66 | 7/64" | 1-1/2" | 5/16" | 3" | .26623" | BE3-156 | \$47.61 | FE4-208 | \$51.48 1/8" | 2 " | 1/2" | 4" | .40472" | BE4-208 | \$61.76 |
| FE3-158 | \$49.54 | 7/64" | 2 " | 3/8" | 4" | .31864" | BE3-158 | \$59.42 | FE4-210 | \$93.48 1/8" | 2-1/2" | " 1/2" | 5" | . 47465 " | BE4-210 | \$112.17 |
| FE3-203 | \$32.85 | 1/8" | 3/4" | 1/4" | 2-1/2" | .20362" | BE3-203 | \$40.86 | FE4-303 | \$37.19 3/16" | 3/4" | 3/8" | 2-1/2" | .29240" | BE4-303 | \$45.21 |
| FE3-204 | \$33.65 | 1/8" | 1" | 1/4" | 3" | .22982" | BE3-204 | \$41.66 | FE4-305 | \$44.47 3/16" | ' 1-1/4" | " 3/8" | 3" | .36233" | BE4-305 | \$53.35 |
| FE3-205 | \$41.99 | 1/8" | 1-1/4" | 3/8" | 3" | .25603" | BE3-205 | \$50.41 | FE4-313 | \$156.25 3/16" | '3-1/4" | " 3/4" | $6 "$ | .64205" | BE4-313 | \$185.62 |
| FE3-206 | \$43.00 | 1/8" | 1-1/2" | 3/8" | 3-1/2" | .28223" | BE3-206 | \$51.62 | FE4-316 | \$202.98 3/16" | " 4" | 3/4" | 6 " | .74694" | BE4-316 | \$110.03 |
| FE3-208 | \$60.16 | 1/8" | 2 " | 3/8" | 4" | .33464" | BE3-208 | \$72.25 | FE4-403 | \$44.33 1/4" | 3/4" | 3/8" | 2-1/2" | . 35490 " | BE4-403 | \$53.22 |
| FE3-209 | \$61.16 | 1/8" | 2-1/4" | 3/8" | 4-1/2" | .36085" | BE3-209 | \$73.45 | FE4-405 | \$50.81 1/4" | 1-1/4" | " 1/2" | 3-1/2" | .42483" | BE4-405 | \$61.02 |
| FE3-210 | \$68.11 | 1/8" | 2-1/2" | 7/16" | 4-1/2" | . 38705 " | BE3-210 | \$81.72 | FE4-409 | \$101.49 1/4" | 2-1/4" | " $5 / 8$ " | 5" | .56469" | BE4-409 | \$121.78 |
| FE3-212 | \$80.12 | 1/8" | 3 " | 1/2" | $5 "$ | .43946" | BE3-212 | \$96.15 | FE4-413 | \$166.93 1/4" | 3-1/4" | " 3/4" | 6 " | .70455" | BE4-413 | \$200.31 |
| FE3-216 | \$118.86 | 1/8" | 4" | 9/16" | 6" | .54428" | BE3-216 | \$142.62 | FE4-416 | \$240.37 1/4" | 4" | $1 "$ | 7" | .80944" | BE4-416 | \$288.44 |
| FE3-253 | \$32.46 | 5/32" | 3/4" | 1/4" | 2-1/2" | .23487" | BE3-253 | \$39.13 | FE4-605 | \$64.10 3/8" | 1-1/4" | " $9 / 16$ " | 4" | .54983" | BE4-605 | \$76.92 |
| FE3-254 | \$37.26 | 5/32" | 1" | 3/8" | 3" | .26107" | BE3-254 | \$45.27 | FE4-609 | \$166.93 3/8" | 2-1/4" | " 3/4" | 5" | .68969" | BE4-609 | \$200.31 |
| FE3-255 | \$36.06 | 5/32" | 1-1/4" | 3/8" | 3" | .28728" | BE3-255 | \$43.26 | FE4-613 | \$240.37 3/8" | 3-1/4" | " 7/8" | 6 " | .82955" | BE4-613 | \$283.10 |
| FE3-256 | \$44.47 | 5/32" | 1-1/2" | 3/8" | 3-1/2" | . 31348 " | BE3-256 | \$53.35 | FE4-616 | \$313.82 3/8" | 4 " | 1" | $7 "$ | .93444" | BE4-616 | \$376.58 |
| FE3-257 | \$59.22 | 5/32" | 1-3/4" | 3/8" | 3-1/2" | .33969" | BE3-257 | \$71.11 | FE4-805 | \$153.58 1/2" | 1-1/4" | " 3/4" | 3-1/2" | .67483" | BE4-805 | \$184.28 |
| FE3-258 | \$49.54 | 5/32" | 2 " | 3/8" | 4" | .36589" | BE3-258 | \$59.42 | FE4-809 | \$180.28 1/2" | 2-1/4" | " 7/8" | 5" | .81469" | BE4-809 | \$216.33 |
| FE3-303 | \$36.65 | 3/16" | 3/4" | 3/8" | 2-1/2" | .26612" | BE3-303 | \$44.66 | FE4-813 | \$293.78 1/2" | 3-1/4" | 1" | 6 " | .95455" | BE4-813 | 352.54 |
| FE3-304 | \$42.60 | 3/16" | 1" | 3/8" | 3" | .29232" | BE3-304 | \$51.08 | 5º 3-Flute Tapered |  |  |  |  |  |  |  |
| FE3-305 | \$42.73 | 3/16" | 1-1/4" | 3/8" | 3" | .31853" | BE3-305 | \$51.27 |  |  |  |  |  |  |  |  |
| FE3-306 | \$48.07 | 3/16" | 1-1/2" | 3/8" | 3-1/2" | .34473" | BE3-306 | \$57.69 |  |  |  |  |  |  |  |  |
| FE3-308 | \$56.09 | 3/16" | 2" | 1/2" | 4 " | . 39714 " | BE3-308 | \$67.30 |  |  |  |  |  |  |  |  |
| FE3-310 | \$70.78 | 3/16" | 2-1/2" | $1 / 2 "$ | 5" | .44955" | BE3-310 | \$83.59 |  |  |  |  |  |  |  |  |
| FE3-313 | \$97.49 | 3/16" | 3-1/4" | 9/16" | 6 " | .52817" | BE3-313 | \$116.98 |  |  |  |  |  |  |  |  |
| FE3-316 | \$186.95 | 3/16" | 4" | 5/8" | $6 "$ | .60678" | BE3-316 | \$224.34 | FE5-0001 | \$33.12 1/32" | 1/4" | 1/8" | 2" | .075" | BE5-0001 | \$41.13 |
| FE3-320 | \$300.47 | 3/16" | 5" | 3/4" | $7 \times$ | . 71160 " | BE3-320 | \$360.55 | FE5-0002 | \$32.38 1/32" | 1/2" | 3/16" | 2" | .11874" | BE5-0002 | \$40.39 |
| FE3-403 | \$39.86 | 1/4" | 3/4" | 3/8" | 2-1/2" | . 32862 " | BE3-403 | \$47.88 | FE5-0003 | \$38.26 1/32" | 3/4" | 3/16" | 2-1/2" | .16249" | BE5-0003 | \$46.28 |
| FE3-404 | \$42.87 | $1 / 4 "$ | 1" | 3/8" | 3" | .35482" | BE3-404 | \$51.41 | FE5-0501 | \$33.59 3/64" | 1/4" | 1/8" | 2" | .09062" | BE5-0501 | \$41.60 |
| FE3-405 | \$44.20 | $1 / 4 "$ | 1-1/4" | 3/8" | 3" | .37500" | BE3-405 | \$53.08 | FE5-0502 | \$35.72 3/64" | 1/2" | 3/16" | 2 " | .13437" | BE5-0502 | \$43.73 |
| FE3-408 | \$67.90 | 1/4" | 2" | $1 / 2 "$ | 4" | .45964" | BE3-408 | \$81.53 | FE5-002 | \$33.18 1/16" | 1/2" | 1/4" | 2-1/2" | .14999" | BE5-002 | \$41.19 |
| FE3-409 | \$66.17 | $1 / 4 "$ | 2-1/4" | $1 / 2 "$ | 5" | .48585" | BE3-409 | \$79.38 | FE5-003 | \$39.59 1/16" | 3/4" | 1/4" | 2-1/2" | .19374" | BE5-003 | \$47.61 |
| FE3-413 | \$160.25 | 1/4" | 3-1/4" | 5/8" | 6" | .59067" | BE3-413 | \$192.30 | FE5-004 | \$35.19 1/16" | 1" | 1/4" | 3" | .23748" | BE5-004 | \$43.20 |
| FE3-416 | \$213.66 | $1 / 4 "$ | 4" | 3/4" | 6" | .66928" | BE3-416 | \$256.39 | FE5-006 | \$43.67 1/16" | 1-1/2" | 3/8" | $3 "$ | .28123" | BE5-006 | \$52.42 |
| FE3-420 | \$320.49 | 1/4" | 5" | 1" | $7 \times$ | .77410" | BE3-420 | \$384.59 | FE5-052 | \$38.73 5/64" | 1/2" | 3/16" | 2" | .16562" | BE5-052 | \$46.74 |
| FE3-504 | \$56.02 | 5/16 | $1 "$ | $1 / 2 "$ | 3" | .41782" | BE3-504 | \$67.24 | FE5-053 | \$41.74 5/64" | 3/4" | 1/4" | 2-1/2" | .20936" | BE5-053 | \$50.08 |
| FE3-507 | \$59.50 | 5/16 | 1-3/4" | 1/2" | 4" | .49644" | BE3-507 | \$71.37 | FE5-054 | \$56.15 5/64" | 1" | 3/8" | 3" | .25311" | BE5-054 | \$67.37 |
| FE3-604 | \$59.03 | 3/8" | $1 "$ | $1 / 2$ " | 3" | .47982" | BE3-604 | \$71.51 | FE5-102 | \$33.32 3/32" | 1/2" | 1/4" | 2-1/2" | .18124" | BE5-102 | \$41.33 |
| FE3-605 | \$66.77 | 3/8" | 1-1/4" | 1/2" | 3-1/2" | .50000" | BE3-605 | \$80.12 | FE5-103 | \$37.66 3/32" | 3/4" | 1/4" | 2-1/2" | .22499" | BE5-103 | \$45.67 |
| FE3-609 | \$101.49 | 3/8" | 2-1/4" | 5/8" | 5" | .61085" | BE3-609 | \$121.78 | FE5-104 | \$38.99 3/32" | 1" | 3/8" | 3" | .26873" | BE5-104 | \$47.00 |
| FE3-613 | \$186.95 | 3/8" | 3-1/4" | 3/4" | $6 "$ | .71567" | BE3-613 | \$224.34 | FE5-105 | \$41.86 3/32" | 1-1/4" | 3/8" | 3" | . 31248 " | BE5-105 | \$50.28 |
| FE3-616 | \$267.08 | 3/8" | 4" | 7/8" | 6 " | .79428" | BE3-616 | \$315.15 | FE5-106 | \$43.86 3/32" | 1-1/2" | 3/8" | 3-1/2" | .35622" | BE5-106 | \$52.68 |
| FE3-620 | \$333.85 | 3/8" | 5" | 1" | 8" | .89910" | BE3-620 | \$400.62 | FE5-108 | \$53.08 3/32" | 2" | 1/2" | 4" | .44371" | BE5-108 | \$63.69 |
| FE3-805 | \$146.89 | 1/2" | 1-1/4" | $3 / 4 "$ | 4"' | .63103" | BE3-805 | \$176.27 | FE5-155 | \$39.73 7/64" | 1-1/4" | 3/8" | 3" | .32773" | BE5-155 | \$47.74 |
| FE3-809 | \$166.93 | 1/2" | 2-1/4" | 3/4" | 5" | .73585" | BE3-809 | \$200.31 | FE5-203 | \$33.39 1/8" | 3/4" | $1 / 4$ " | 2-1/2" | .25000" | BE5-203 | \$41.40 |
| FE3-813 | \$283.10 | 1/2" | 3-1/4" | 7/8" | 6" | .84067" | BE3-813 | \$339.72 | FE5-204 | \$39.32 1/8" | 1" | 3/8" | 3" | .29998" | BE5-204 | \$47.34 |
| FE3-816 | \$333.85 | 1/2" | 4" | 1" | $7 "$ | .91928" | BE3-816 | \$400.62 | FE5-205 | \$43.26 1/8" | 1-1/4" | 3/8" | 3" | . 34373 " | BE5-205 | \$51.95 |
| FE3-1009 | \$193.64 | 5/8" | 2-1/4" | 7/8" | 5" | .86085" | BE3-1009 | \$232.36 | FE5-206 | \$44.14 1/8" | 1-1/2" | 3/8" | 3-1/2" | . 37500 " | BE5-206 | \$52.95 |
| FE3-1013 | \$233.70 | 5/8" | 3-1/4" | $1 "$ | 6" | .95567" | BE3-1013 | \$280.43 | FE5-207 | \$53.69 1/8" | 1-3/4" | $1 / 2 "$ | 4 " | . 43122 " | BE5-207 | \$64.43 |
| FE3-1209 | \$233.96 | 3/4" | 2-1/4" | 1" | 5" | .98585" | BE3-1209 | \$280.70 | FE5-208 | \$56.55 1/8" | 2" | 1/2" | 4" | .47496" | BE5-208 | \$67.90 |
|  |  |  |  |  |  |  |  |  | FE5-210 | \$90.81 1/8" | 2-1/2" | 5/8" | 5" | .56245" | BE5-210 | \$108.97 |
|  |  |  |  |  |  |  |  |  | FE5-212 | \$166.93 1/8" | 3" | 3/4" | 5" | .64994" | BE5-212 | \$200.31 |
|  |  |  |  |  |  |  |  |  | FE5-253 | \$33.78 5/32" | 3/4" | 3/8" | 2-1/2" | .28749" | BE5-253 | \$41.80 |
|  |  |  |  |  |  |  |  |  | FE5-254 | \$40.94 5/32" | 1" | $3 / 8$ " | 3" | .33123" | BE5-254 | \$49.14 |
|  |  |  |  |  |  |  |  |  | FE5-255 | \$47.08 5/32" | 1-1/4" | $3 / 8$ " | 3" | .37498" | BE5-255 | \$62.30 |

## IMAGEAT1E ${ }^{\text {TM }}$ Tapered End Mills - Solid Sub-Micrograin Carbide

| $5^{\circ}$ 3-Flute Tapered ( Continued) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flat-End Price |  | $\begin{aligned} & \text { Tip } \\ & \text { Dia. } \\ & \hline \end{aligned}$ | Flute Shank Length Dia. |  | Overall Large |  | Ball-End Price |  |
|  |  | Length |  |  | h Dia. |  |  |
| FE5-256 | \$55.02 |  | 5/32" | 1-1/2" | 1/2" | 3-1/2" | .41872" | BE5-256 | \$6 |
| FE5-257 | \$57.88 | $5 / 32^{\prime \prime}$ | 1-3/4" | $1 / 2^{\prime \prime}$ | 4 " | . 46247 " | BE5-257 |  |
| FE5-258 | \$60.82 | 5/32" | 2 " | 1/2" | 4 " | .50000" | BE5-258 | \$72 |
| FE5-303 | \$39.66 | 3/16" | 3/4" | 3/8" | 2-1/2" | .31874" | BE5-303 |  |
| FE5-304 | \$47.41 | 3/16" | 1 " | 3/8" | 3 " | . 36248 " | BE5-304 | \$56 |
| FE5-305 | \$50.88 | 3/16" | 1-1/4" | 1/2" | 3-1/2" | . 40623 | BE5-305 |  |
| FE5-306 | \$56.55 | 3/16" | 1-1/2" | 1/2" | 3-1/2" | . 44997 | BE5-306 | \$67 |
| FE5-307 | \$64.10 | 3/16" | 1-3/4" | $1 / 2^{\prime \prime}$ | 4 " | . 49372 | BE5-307 |  |
| FE5-308 | 5.30 | 3/16" | 2 " | 5/8" | 4 " | . 53746 | BE5-308 | \$78 |
| FE5-310 | \$101.49 | 3/16" | 2-1/2" | 5/8" | 5 " | . 62495 " | BE5-310 | \$12 |
| FE5-312 | \$166.93 | 3/16" | 3 " | 3/4" | 5 " | . 71244 " | BE5-312 | \$200 |
| FE5-313 | \$240.37 | 3/16" | 3-1/4" | 7/8" | $6^{\prime \prime}$ | .75619" | BE5-313 | \$28 |
| FE5-316 | \$474.07 | 3/16" | 4" | 1 " | $7 \times$ | .88742" | BE5-316 | \$56 |
| FE5-403 | \$43.73 | 1/4" | 3/4" | 1/2" | 3" | . $38124^{\prime \prime}$ | BE5-403 |  |
| FE5-404 | \$54.08 | $1 / 4$ " | 1" | 1/2" | 3 " | .42498" | BE5-404 |  |
| FE5-405 | \$50.41 | 1/4" | 1-1/4" | 1/2" | 3-1/2" | .46873" | BE5-405 |  |
| FE5-406 | \$58.42 | 1/4" | 1-1/2" | 9/16" | 3-1/2" | . 51247 " | BE5-406 | \$70 |
| FE5-407 | \$70.10 | 1/4" | 1-3/4" | 5/8" | 4 " | .5562" | BE5-407 |  |
| FE5-408 | \$80.46 | 1/4" | 2 " | 5/8" | 4 " | .59996" | BE5-408 |  |
| FE5-409 | \$140.22 | 1/4" | 2-1/4" | 3/4" | 5 " | . 64371 " | BE5-409 | \$168 |
| FE5-410 | \$160.25 | 1/4" | 2-1/2" | 3/4" | 5 " | . $68745^{\prime \prime}$ | BE5-410 | \$192 |
| FE5-413 | \$213.66 | 1/4" | 3-1/4" | 7/8" | $6^{\prime \prime}$ | .81869" | BE5-413 | \$283 |
| FE5-416 | \$474.07 | 1/4" | 4 " | 1 " | $7{ }^{\prime \prime}$ | .94992" | BE5-416 | \$568 |
| FE5-504 | \$54.22 | 5/16" | 1 " | 1/2" | 3 " | . $48798{ }^{\prime \prime}$ | BE5-504 | \$65 |
| FE5-507 | \$101.49 | 5/16" | 1-3/4" | 5/8" | 4 " | .61872" | BE5-507 | \$12 |
| FE5-509 | \$160.25 | 5/16" | 2-1/4" | 3/4" | 5 " | .70671" | BE5-509 | \$192 |
| FE5-604 | \$54.68 | $3 / 8$ " | 1 " | 5/8" | 3-1/2" | .54998" | BE5-604 |  |
| FE5-605 | \$81.19 | 3/8" | 1-1/4" | 5/8" | 4 " | .59373" | BE5-605 | $\$ 97$ |
| FE5-609 | \$180.28 | $3 / 8{ }^{\prime \prime}$ | 2-1/4" | 7/8" | 5 " | .76871" | BE5-609 | \$216. |
| FE5-613 | \$325.83 | $3 / 8$ " | $3-1 / 4^{\prime \prime}$ | 1" | 6 " | .94369" | BE5-613 | \$391. |
| FE5-805 | \$146.89 | $1 / 2^{\prime \prime}$ | 1-1/4" | 3/4" | 4 " | .71873" | BE5-805 | \$176. |
| FE5-806 | \$165.59 | $1 / 2^{\prime \prime}$ | 1-1/2" | 7/8" | 4 " | . 76247 " | BE5-806 | \$198. |
| FE5-809 | \$233.70 | $1 / 2^{\prime \prime}$ | 2-1/4" | " | 5 " | .89371" | BE5-809 | \$280 |
| $6^{\circ}$ 3-Flute Tapered |  |  |  |  |  |  |  |  |


| $7^{\circ} 3$-Flute Tapered ( Continued) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flat-End | Price ${ }^{\text {T }}$ | Tip Flute S |  | Shank Overall Large h Dia. Length Dia. |  |  | Ball-End Price |  |
|  |  | Dia. L | Length |  |  |  |  |  |
| FE7-203 | \$41.19 | $1 / 8$ " | 3/4" 3 | 3/8" | 2-1/2" | .30917" | BE7-203 | . 48 |
| FE7-204 | \$43.94 | $1 / 8$ " | 1 " | 3/8" | 3 " | . 37056 " | BE7-204 | \$52.75 |
| FE7-206 | \$52.48 | 1/8" | 1-1/2" | 1/2" | 3-1/2" | . 49334 " | BE7-206 | \$62.97 |
| FE7-208 | \$101.49 | $1 / 8$ " | 2 " | 5/8" | 4" | .61612" | BE7-208 | \$121.78 |
| FE7-212 | \$229.69 | 1/8" | 3 " | 7/8" | 5 " | .86168" | BE7-212 | \$272.42 |
| FE7-253 | \$45.93 | 5/32" | 3/4" | 3/8" | 2-1/2" | . 34042 " | BE7-253 | 55.1 |
| FE7-305 | 8.89 | 3/16" | 1-1/4" | 1/2" | 3-1/2" | .49445" | BE7-305 |  |
| FE7-403 | \$51.48 | 1/4" | 3/4" | 1/2" | 3" | . 4341 | BE7-403 |  |
| FE | \$62.03 | 1/4" | 1 " | $1 / 2^{\prime \prime}$ | 3 " | . 4955 | BE7-404 |  |
| FE7-405 | \$74.72 | 1/4" | 1-1/4" | 5/8" | 3-1/2' | .55695" | BE7-405 |  |
| FE7-409 | \$213.66 | 1/4" | 2-1/4" | 7/8" | 5 " | .80251" | BE7-40 | 256.3 |
| FE7-605 | \$126.87 | 3/8" | 1-1/4" | 3/4" | 4" | . 68195 | B |  |
| FE7-609 | 213.66 | 3/8" | 2-1/4' | 1 " | 5" | . 92751 | BE7-609 |  |
| FE7-805 | \$146.89 | 1/2" | 1-1/4" | 7/8" | 4" | .80695" | BE7-805 |  |
| FE7-808 | \$240.37 | 1/2" | 2" | 1" | 5" | .99112" | BE7-808 | \$288.4 |
| $10^{\circ} 3$-Flute Tapered |  |  |  |  |  |  |  |  |
| MAONATE |  |  |  |  |  |  |  |  |
| Tip Flute Shank Overall Large Flat-End Price Dia. Length Dia. Length Dia. Ball-End Price |  |  |  |  |  |  |  |  |
| FE | \$37.26 | 1/32" | " $1 / 2$ " | 1/4" | 2-1/2 | " . 20758 | BE10-00 |  |
| FE10-0003 | \$52.68 | 1/32" | 3/4" | 3/8" | 2-1/2 | " 2957 | BE10-0003 |  |
| FE10-002 | \$37.80 | 1/16" | " 1/2" | 3/8" | 2-1/2 | " .23883" | BE10-002 |  |
| FE10-003 | \$40.86 | 1/16" | " 3/4" | 3/8" | , 2-1/2 | " . 32700 " | BE10-003 |  |
| FE10-004 | \$48.07 | 1/16" | " 1" | $1 / 2$ " | " 3" | .41516" | BE10-004 | 57.6 |
| FE10-005 | \$49.42 | 1/16" | " 1-1/4" | $1 / 2$ " | 3-1/2 | " . 50000 " | BE10-005 |  |
| FE10-102 | \$37.99 | 3/32" | " 1/2" | 3/8" | , 2-1/2 | " . 27008 " | BE10-102 |  |
| FE10-102A | \$37.99 | 3/32" | " $1 / 2$ " | 1/4" | , 2-1/2 | " . 25000 " | BE10-102A |  |
| FE1 | 42.54 | $43 / 32$ " | " 3/4" | 3/8" | 2-1/2 | " . 35825 " | BE10-103 |  |
| FE | 74.72 | 3/32" | " 1-1/2" | 5/8" | " 3-1/2 | " . 62274 " | BE10-106 |  |
| FE10-203 | 0.86 | 1/8" | 3/4" | 3/8" | ' 2-1/2 | " .37500" | BE10-203 |  |
| FE | \$51.27 | 1/8" | 1" | 1/2" | " 3" | . 47766 | BE10-204 |  |
| FE10-205 | \$74.72 | 1/8" | 1-1/4" | 5/8" | 4 " | . 565 | E10-205 |  |
|  | \$146.89 | $1 / 8$ " | 1-1/2" | 3/4" | " ${ }^{\prime \prime}$ | . 653 | E10-206 |  |
| FE10- | \$51.88 | 5/32" | 1 " | 1/2" | " 3 " | . 5000 | BE10-254 |  |
| FE10-258 | \$173.60 | 5/32" | " 2 " | 7/8" | " 4" | . 8613 | BE10-258 |  |
| FE10-303 | \$49.07 | 7 3/16" | " 3/4" | 1/2" | " 3" | .45199" | BE10-303 |  |
| FE10-305 | \$81.53 | $3 / 16^{\prime \prime}$ | " 1-1/4" | 5/8" | 3-1/2 | ". 62500 " | BE10-305 | 97 |
| FE10-309 | \$233.70 | 3/16" | " 2-1/4" | $1 "$ | $5 "$ | .98099" | BE10-309 | 280 |
| FE10-403 | \$56.69 | $1 / 4^{\prime \prime}$ | 3/4" | 5/8" | 3" | .51450" | BE10-403 |  |
| FE10-404 | \$75.99 | $1 / 4$ " | 1 " | 5/8" | 3 " | .60266" | BE10-404 | \$91. |
| FE10-405 | \$146.89 | $1 / 4$ " | 1-1/4" | 3/4" | " 4" | .69083" | BE10-405 | \$176 |
| FE10-605 | \$162.92 | 3/8" | 1-1/4" | 7/8" | " 4 " | .81583" | BE10-605 | \$195 |
| FE10-805 | \$169.33 | 1/2" | 1-1/4" | 1" | $4 "$ | .94083" | BE10-805 | \$203 |

## $10^{\circ}$ 4-Flute Tapered

Tip Flute Shank Overall Large


Flat-End Price Dia. Length Dia. Length Dia. Ball-End Price $\begin{array}{llllllll}\text { FE7-0003 } & \$ 44.74 & 1 / 32 " & 3 / 4 " & 1 / 4 " & 2-1 / 2^{\prime \prime} & .21542^{\prime \prime} & \text { BE7-0003 } \$ 53.69\end{array}$ FE7-0004 $\$ 46.071 / 32^{\prime \prime} \quad 1 \quad 3 / 8^{\prime \prime} \quad 3 " \quad .27656^{\prime \prime}$ BE7-0004 \$55.29 FE7-001 $\$ 34.061 / 16^{\prime \prime} \quad 1 / 4^{\prime \prime} \quad 1 / 4 " \quad 2 " \quad .12389 "$ BE7-001 $\$ 42.07$ FE7-002 $\begin{array}{llllllll} & \$ 35.25 & 1 / 16^{\prime \prime} & 1 / 2 " & 1 / 4 " & 2-1 / 2 " & .18528 " & \text { BE7-002 }\end{array}$ FE7-003 $\$ 338.391 / 16^{\prime \prime} \quad 3 / 4^{\prime \prime} \quad 3 / 8^{\prime \prime} \quad 3 " \quad .24667^{\prime \prime}$ BE7-003 $\$ 46.07$ FE7-004 $\$ 43.341 / 16^{\prime \prime}$ 1" $3 / 8^{\prime \prime} \quad 3 " \quad .30806 "$ BE7-004 $\$ 52.01$ FE7-054 $\$ 45.87$ 5/64" 1 " $\quad 3 / 8^{\prime \prime} \quad 3 " \quad .32356^{\prime \prime}$ BE7-054 $\$ 55.02$ FE7-102 $\$ 36.73$ 3/32" $1 / 2^{\prime \prime} \quad 1 / 4^{\prime \prime} \quad 2-1 / 2^{\prime \prime} \quad .21653^{\prime \prime}$ BE7-102 $\$ 44.07$ FE7-104 $\$ 44.00$ 3/32" 1 " $3 / 8 \quad 3$ " ${ }^{\prime \prime}$. $33931^{\prime \prime}$ BE7-104 $\$ 52.81$ FE7-106 \$53.08 $3 / 32^{\prime \prime} \quad 1-1 / 2^{\prime \prime} 1 / 2^{\prime \prime} \quad 3-1 / 2^{\prime \prime} \quad .46209$ " BE7-106 \$63.69 $\begin{array}{llllllll}\text { FE7-202 } & \$ 42.73 & 1 / 8^{\prime \prime} & 1 / 2^{\prime \prime} & 3 / 8^{\prime \prime} & 2-1 / 2^{\prime \prime} & .24778^{\prime \prime} & \text { BE7-202 }\end{array}$

| $10^{\circ}$ 4-Flute Tapered |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  Tip Flute Shank Overall Large <br> Flat-End Price Dia. Length Dia. Length Dia. Ball-End Price <br> Dia  |  |  |  |  |  |  |  |  |
| FE10-408 | \$233.70 | 1/4" | 2" 1" |  | 5" | .95532" | BE10-408 | \$280.43 |
| $15^{\circ}$ 4-Flute Tapered |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Tip Flute Shank Overall Large |  |  |  |  |  |  |  |  |
| FE15-606 | \$347.08 | 3/8" | 1-1/2" | 3/4" | 4" | 1.17855 " | BE15-606 | \$396.31 |
| FE15-805 | \$306.46 | $1 / 2^{\prime \prime}$ | 1-1/4" | $3 / 4$ " 3 | 3-1/2" | 1.16988" | BE15-805 | \$355.69 |

## IVAAGNATIE Tapered End Mills - Solid Sub-Micrograin Carbide

All tapered end mills are produced from a premium grade of super submicrograin carbide to give you the maximum hardness and toughness. This means longer cutting life with less breakage.

All flutes are hollow ground with double clearance angles. The flute face is also hollow ground and polished to assure free cutting actions with minimum of heat generation. All tools have end cutting teeth. Special grinding procedures and equipment assures a high degree on concentricity between shank and cutting flutes.

Taper angles constant to +/- . 001 per inch of flute length. Tip diameter tolerances are held at +/- .002. Shank diameter tolerances are . 0002 to -. 0005 .



IMIAGNATIEE" Solid Carbide Insert Knives


| Tool No. | Length | (er Knit | Speed Sta <br>  | Knives/Pkg | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PK0400H | $4^{\prime \prime}$ | $5 / 8{ }^{\prime \prime}$ | 3/16" | 3 | \$16.97 |
| РК0401H | $4{ }^{4}$ | 5/8" | $1 / 8^{\prime \prime}$ | 3 | \$17.17 |
| ${ }^{\text {PK }}$ P60033 ${ }^{\text {P/ }}$ | $4{ }^{4}$ | 11/16" | 1/16" | 3 | \$30.13 |
| PК0603 | $6^{\prime \prime}$ | 5/8" | 1/8" | 3 | \$23.70 |
|  | ${ }^{6 \prime \prime}$ |  | ${ }_{2.7}^{1 / 7{ }^{\prime \prime}}$ | 4 3 | ${ }_{\text {\$230.25 }}$ |
| PK0612H | $6^{\prime \prime}$ | 3/4" | 1/8" | 3 | \$24.77 |
| PK0618H | $6^{\prime \prime}$ | ${ }^{1 \prime}$ | 1/8" | 3 | \$32.05 |
| PK0632H | ${ }^{6-1 / 16^{\prime \prime}}$ | 5/8" | 1/8" | 3 | \$24.03 |
| PK0635H | 6-1/16" | $3 / 4{ }^{\prime \prime}$ | 1/8" | 3 | \$25.02 |
| ${ }^{\text {PK0638 }}$ | 6-1/16" | 13/16" | 1/8" | 3 | \$32.15 |
| ${ }^{\text {PK0670H }}$ | 6-1/8" | 5/8" | 3/32 | 3 | \$24.20 |
| ${ }^{\text {PKK0676H }}$ | ${ }^{6-1 / 18^{\prime \prime}}$ | 5/8" | ${ }^{1 / 88^{\prime \prime}}$ | 3 | \$24.27 |
| ${ }_{\text {PK006793 }}{ }^{\text {PK }}$ | 6-1/8" | 11/16" | 1/8" | 3 | \$25.22 |
| ${ }_{\text {PK080306H }}$ | $8{ }^{\prime \prime}$ | 5/8" | 1/8" | 3 | \$30.27 |
| ${ }^{\text {PKO0806H }}$ PK0809 | $8{ }^{\prime \prime}$ | 3/4" | 1/8" | 3 | \$32.95 |
| РКо809Н | $8^{\prime \prime}$ | 3/4" | 1/8" | 4 | \$43.93 |
| ${ }^{\text {PK080812H }}$ | ${ }^{8 \prime \prime}$ | 7/8" | 1/8" | 3 | \$42.52 |
| ${ }^{\text {PK00815H }}$ PK832 | $8^{\prime \prime}$ | $1^{\prime \prime}$ | 1/8" | 3 | \$40.77 |
| ${ }_{\text {PK }}^{\text {PK0832H }}$ | 8-1/16" | 5/8" | 3/32 | 3 | \$31.85 |
| ${ }^{\text {PKK0835H }}$ PK0838 | 8-1/16" | 5/8" | 1/8" | 3 | \$30.53 |
| $\xrightarrow{\text { PK0838H }}$ PK0841H | ${ }^{8-1 / 166^{\prime \prime}}$ | ${ }^{3 / 44^{\prime \prime}}$ | 1/8" | 3 | \$32.28 |
| ${ }_{\text {PK0841H }}^{\text {PK1201H* }}$ |  | ${ }_{\text {1 }}^{13 / 16^{\prime \prime}}$ | ${ }^{1 / 1 / 8^{\prime \prime}}$ | 3 | \$42.17 |
| РК1205H | $12^{\prime \prime}$ | 3/4" | $1 / 8^{\prime \prime}$ | 3 | \$477.43 |
| PK1207H | $12^{\prime \prime}$ | $78{ }^{\prime \prime}$ | 1/8" | 3 | \$60.78 |
| РК1209H | ${ }^{12}{ }^{\prime \prime}$ | 1 " | 1/8" | 3 | \$58.40 |
| PK1213H | $12^{\prime \prime}$ | ${ }^{1-1 / 44^{\prime}}$ | 1/8" | 3 | \$74.62 |
| PK1232H | 12-1/4" | 3/4" | $1 / 8^{\prime \prime}$ | 3 | \$48.47 |
| ${ }_{\text {PK1233 }}^{\text {PK1 }}$ | ${ }^{12-1 / 1 / 4}$ | ${ }_{7}^{718}$ | ${ }_{1 / 88^{\prime \prime}}$ | 3 | ${ }_{5}^{562.07}$ |
| ${ }_{\text {PK1260H** }}$ | ${ }_{12-1 / 2{ }^{\prime \prime}}$ | 15/32" | 1/1/6" | 2 | \$59.987 |
| PK1264H | 12-1/2" | 5/8" | 1/8" | 3 | \$45.03 |
| PK1268H | 12-1/2" | 11/16" | 1/8" | 3 | \$47.22 |
| PK1272H | 12-1/2" | 3/4" | 1/8" | 3 | \$49.45 |
| PK1276H* | 12-1/2" | 7/8" | 1/16" | 3 | \$60.97 |
| PK1279H | 12-1/2" | 1-1/16" | 1/8" | 2 | \$35.28 |
| PK1302H** $_{\text {PK136 * }}$ | 13 in. | 1/2" | 1/16" | 2 | \$27.08 |
| ${ }_{\text {PK1306H** }}{ }_{\text {PK1308 }}{ }^{\text {P }}$ | $13 \mathrm{in}$. <br> 13 in | 3/4" ${ }_{7}$ | 1/116" | 2 | \$40.07 |
| ${ }_{\text {PK1308H* }}^{\text {PK130H }}$ |  | $7 / 8^{\prime \prime}$ $5 / 8{ }^{\prime \prime}$ | 1/16" | 3 | \$63.40 |
| РК1326H^ | $13-1 / 8^{\prime \prime}$ | 11/16" | 5/32" | 3 | ${ }_{\text {S63.68 }}$ |
| РК1328H | 13-1/8" | $1^{\prime \prime}$ | $1 / 8^{\prime \prime}$ | 3 | \$66.95 |
| $\square$ | $\sqrt{\text { ATIE }}$ ail $~ i n f o$ (TEL) 80 |  |  | $\begin{aligned} & 91789 \text { USA } \\ & \frac{\text { ate.net }}{745} \end{aligned}$ | 1 |

## MIACGNATIEE ${ }^{\text {TM }}$ Planer-Jointer, Molder Cutterhead/Knife

| PK1503H | $15 "$ | $1{ }^{\prime \prime}$ | 1/8" | 3 | \$76.55 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PK1514H | 15-1/16" | $1{ }^{\prime \prime}$ | 1/8" | 3 | \$76.82 |
| PK1542H | 15-3/4" | 30mm | 3 mm | 4 | \$118.42 |
| PK1602H | 16 | $1{ }^{\prime \prime}$ | 1/8" | 3 | \$81.38 |
| PK1604H | $16 "$ | 1-1/8" | 1/8" | 4 | \$124.48 |
| PK1610H | 16 | 1-1/4" | 1/8" | 3 | \$99.67 |
| PK1634H | 16-3/16" | 30mm | 3 mm | 4 | \$134.30 |
| PK1624H | 16-1/4" | 1-1/4" | 5/32" | 3 | \$123.80 |
| PK1641H | 16-1/2" | 11/16" | 1/8" | 4 | \$86.40 |
| PK1803H | 18" | 1-1/4" | 5/32" | 3 | \$137.10 |
| PK1814H | 18-1/8" | 1-1/8" | 5/32" | 3 | \$132.62 |
| PK1825H | 18-1/4" | 1-1/4" | 5/32" | 3 | \$138.95 |
| PK1850H | 18-1/2" | 11/16" | 1/8" | 3 | \$72.63 |
| PK2003H | 20" | $1{ }^{\prime \prime}$ | 1/8" | 3 | \$103.40 |
| PK2004H | 20" | $1{ }^{\prime \prime}$ | 1/8" | 4 | \$137.87 |
| PK2012H | 20 | 1-1/8" | 1/8" | 4 | \$155.68 |
| PK2013H | $20 "$ | 1-3/16" | 1/8" | 4 | \$162.35 |
| PK2014H | 20 | 1-1/4" | 1/8" | 3 | \$122.05 |
| PK2032H | 20-3/16" | 1-3/16" | 1/8" | 4 | \$163.85 |
| PK2035H | 20-3/16" | 1-3/8" | 1/8" | 4 | \$183.05 |
| PK2040H | 20-1/4" | 1-1/4" | 5/32" | 3 | \$150.60 |
| PK2051H | 20-1/2" | 11/16" | 1/8" | 4 | \$111.42 |
| PK2054H | 20-1/2" | 30mm | 3 mm | 4 | \$166.45 |
| PK2217H | 22-1/8 in. | $1{ }^{\prime \prime}$ | 1/8" | 4 | \$152.55 |
| PK2403H | 24 " | 1-1/4" | 5/32" | 4 | \$238.95 |
| PK2415H | 24-1/8" | 1-3/16" | 1/8" | 4 | \$203.27 |
| PK2431H | 24-1/4" | 1-1/8" | 1/8" | 3 | \$136.73 |
| PK2436H | 24-1/4" | 1-1/8" | 1/8" | 4 | \$182.30 |
| PK2437H | 24-3/4" | 1-1/8" | 1/8" | 3 | \$134.50 |
| PK2451H | 24-13/16" | 1-3/8" | 1/8" | 4 | \$228.48 |
| PK2501H | 25" | 11/16" | 1/8" | 3 | \$103.33 |
| PK2504H | 25" | 1-1/4" | 1/8" | 4 | \$192.33 |
| PK2507H | 25" | 1-3/8" | 1/8" | 4 | \$236.02 |
| PK2528H | 25-3/16" | 35 mm | 1/8" | 4 | \$229.30 |
| * Double Edged <br> ^ No Slots in Knife <br> \# Fits Porter Cable PC305TP |  |  |  |  |  |

# MIAGENATIEE ${ }^{\text {TM }}$ Planer-Jointer, Molder Cutterhead/Knife 

Planer-Jointer Knife Set, Carbide Tipped

This carbide tipped planer/jointer knife set can last up to 10 times longer than its high speed steel ( HSS ) rivals. It offers precision cuts and fine finishing.

| Tool No. | Length | Width | Thickness | Knives/Pkg | Machine | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PK0401T | $4 "$ | 5/8" | 1/8" | 3 | Atlas, Boice Crane, Old Craftsman, Jet JJ-4 | \$74.60 |
| PK0603T | $6{ }^{\prime \prime}$ | 5/8" | 1/8" | 3 | Delta 6",Jet JJ-6,Boice,Crane,Craftsman,TTL | \$111.93 |
| PK0612T | $6{ }^{\prime \prime}$ | 3/4" | $1 / 8$ " | 3 | Powermatic 50, Crescent, Atlas | \$117.17 |
| PK0618T | $6 "$ | $1 "$ | 1/8" | 3 | Grizzly G6697 | \$117.60 |
| PK0632T | 6-1/16" | 5/8" | $1 / 8^{\prime \prime}$ | 3 | Powermatic 54A (No Holes), Jet JJ-6 | \$123.38 |
| PK0635T | 6-1/16" | 3/4" | 1/8" | 3 | Delta, Walker-Tuner, Wallace | \$118.73 |
| PK0638T | 6-1/16" | 13/16" | 1/8" | 3 | Delta DJ-15, 37-154 \& Similar 6" Jointers | \$123.75 |
| PK0679T | 6-1/8" | 11/16" | 1/8" | 3 | Jet, Ridgid JP0610 | \$124.82 |
| PK0803T | $8{ }^{\prime \prime}$ | 5/8" | $1 / 8{ }^{\prime \prime}$ | 3 | Delta 8",Jet JJ-8,Boice Crane,Powermatic 60 | \$162.87 |
| PK0806T | 8" | 3/4" | 1/8" | 3 | Jet JJ-8 Jointer, Powermatic 60, Pryor, Sunhill | \$156.22 |
| PK0809T | 8" | 3/4" | 1/8" | 4 | Bridgewood, Grizzly 8" | \$208.28 |
| PK0812T | 8" | 7/8" | 1/8" | 3 | Powermatic 50 | \$163.23 |
| PK0815T | 81 | $1{ }^{11}$ | 1/8" | 3 | Grizzly G6698, Oliver | \$156.82 |
| PK0838T | 8-1/16" | 3/4" | 1/8" | 3 | Sunhill | \$157.47 |
| PK0841T | 8-1/16" | 13/16" | 1/8" | 3 | Delta DJ-20, 37-365 \& Similar | \$164.48 |
| PK1207T | 12" | 7/8" | 1/8" | 3 | Powermatic 100, Parks, Woodtek | \$244.80 |
| PK1209T | $12^{\prime \prime}$ | $1{ }^{\prime \prime}$ | 1/8" | 3 | Craftsman | \$235.12 |
| PK1213T | 12" | 1-1/4" | 1/8" | 3 | Northfield, Oliver | \$246.13 |
| PK1235T | 12-1/4" | 7/8" | 1/8" | 3 | Powermatic 100 | \$249.95 |
| PK1237T | 12-1/4" | $1{ }^{\prime \prime}$ | 1/8" | 3 | Parks, Boice, Most European Combo | \$233.03 |
| PK1268T | 12-1/2" | 11/16" | $1 / 8{ }^{\prime \prime}$ | 3 | RBI Model 812, Foley-Belsaw, Woodmaster 712, Jet | \$254.57 |
| PK1272T | 12-1/2" | 3/4" | 1/8" | 3 | Jet,Grizzly G1195,Wilke,Reliant,Most 12" Impororts | \$254.67 |
| PK1308T | 13 " | 7/8" | 1/16" | 3 | DeWalt DW735 | \$241.67 |
| PK1320T | 13-1/16" | 5/8" | 1/8" | 3 | Jet | \$245.70 |
| PK1328T | 13-1/8" | $1{ }^{\prime \prime}$ | 1/8" | 3 | Delta RC-33 \& DC-33 13" Planer, Rockwell | \$258.50 |
| PK1503T | 15" | $1{ }^{\prime \prime}$ | 1/8" | 3 | Delta DC-380,Grizzly G6701,Powermatic 15,Jet,TLL | \$293.90 |
| PK1542T | 15-3/4" | 30 mm | 3 mm | 4 | SCMI | \$332.00 |
| PK1610T | 16" | 1-1/4" | 1/8" | 3 | Northfield 16HD | \$314.58 |
| PK1634T | 16-3/16" | 30 mm | 3 mm | 4 | SCMI | \$424.05 |
| PK1624T | 16-1/4" | 1-1/4" | 5/32" | 3 | Powermatic 160 | \$348.33 |
| PK1641T | 16-1/2" | 11/16" | 1/8" | 4 | RBI 816 | \$328.10 |
| PK1803T | 18" | 1-1/4" | 5/32" | 3 | Powermatic | \$385.65 |
| PK1814T | 18-1/8" | 1-1/8" | 5/32" | 3 | Rockwell, Delta 22-212, Yates J180 | \$387.57 |
| PK1825T | 18-1/4" | 1-1/4" | 5/32" | 3 | Powermatic 180 | \$390.97 |
| PK1850T | 18-1/2" | 11/16" | 1/8" | 3 | Woodmaster 718 | \$345.40 |
| PK2003T | 20" | $1{ }^{\prime \prime}$ | 1/8" | 3 | Grizzly, Northwood | \$391.90 |
| PK2004T | 201 | $1{ }^{\prime \prime}$ | $1 / 8{ }^{\prime \prime}$ | 4 | Parks, TLL 20', Jet 208, Northstate, Grizzly G6702 | \$522.55 |
| PK2012T | $20 "$ | 1-1/8" | 1/8" | 4 | Delta 20x9 Crescent, Many European Macihnes | \$546.33 |
| PK2013T | 20" | 1-3/16" | $1 / 8{ }^{\prime \prime}$ | 4 | Delta 20" Planer, Grizzly 20" H7269, Many Imports | \$523.93 |
| PK2032T | 20-3/16" | 1-3/16" | 1/8" | 4 | Delta DC-580 | \$528.88 |
| PK2035T | 20-3/16" | 1-3/8" | 1/8" | 4 | Delta RC-51, 22-460 | \$552.95 |
| PK2040T | 20-1/4" | 1-1/4" | 5/32" | 3 | Powermatic 221 | \$433.82 |
| PK2051T | 20-1/2" | 11/16" | 1/8" | 4 | RBI Model 820 | \$556.73 |
| PK2054T | 20-1/2" | 30mm | 3 mm | 4 | SCMI 520, 550, 552 | \$537.07 |
| PK2403T | $24^{\prime \prime}$ | $1-1 / 4^{\prime \prime}$ | 5/32" | 4 | Powermatic, Northfield | \$685.52 |
| PK2415T | 24-1/8" | 1-3/16" | 1/8" | 4 | Grizzly G6705 | \$584.67 |
| PK2431T | 24-1/4" | 1-1/8" | 1/8" | 3 | Delta 22-470 | \$496.80 |
| PK2436T | 24-1/4" | 1-1/8" | 1/8" | 4 | Cresent (Delta) | \$662.45 |
| PK2437T | 24-3/4" | 1-1/8" | 1/8" | 3 | Jet 24H | \$507.02 |
| PK2451T | 24-13/16" | 1-3/8" | 1/8" | 4 | Delta RC-63, 22-610 | \$679.70 |
| PK2501T | 25" | 11/16" | 1/8" | 3 | Woodmaster 725 | \$487.97 |
| PK2528T | 25-3/16" | 35 mm | 1/8" | 4 | SCMI F630 \& F535 | \$548.98 |
|  |  |  | 1 | $\dagger$ |  |  |


| Molder Knife, M2 HSS 25" Long, 1 Knife/Package $60^{\circ}$ Corrugated Back $40^{\circ}$ Bevel Edged |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| - |  |  |  |  |
|  |  |  |  |  |
| This 60 degree corrugated, 40 degree sharp edged, M2 High Speed Steel corrugated back molder knife offers long life in hardwoods and softwoods. It provides excellent cuts and easy grinding. |  |  |  |  |
| Tool No. | Width | Thicknes |  | Price |
| CS25410 | 1-1/4" | 1/4" |  | \$82.57 |
| CS25412 | 1-1/2" | 1/4" |  | \$92.20 |
| CS25414 | 1-3/4" | 1/4" |  | \$101.83 |
| CS25416 | 2" | 1/4" |  | \$114.80 |
| CS25418 | 2-1/4" | 1/4" |  | \$127.87 |
| CS25420 | 2-1/2" | 1/4" |  | \$137.05 |
| CS25422 | 2-3/4" | 1/4" |  | \$153.82 |
| CS25424 | 3" | 1/4" |  | \$181.62 |
| CS25510 | 1-1/4" | 5/16" |  | \$88.95 |
| CS25512 | 1-1/2" | 5/16" |  | \$103.78 |
| CS25514 | 1-3/4" | 5/16" |  | \$113.05 |
| CS25516 | $2{ }^{\prime \prime}$ | 5/16" |  | \$124.17 |
| CS25518 | 2-1/4" | 5/16" |  | \$142.70 |
| CS25520 | 2-1/2" | 5/16" |  | \$153.82 |
| CS25522 | 2-3/4" | 5/16" |  | \$161.23 |
| CS25524 | $3 "$ | 5/16" |  | \$194.5 |
| CS25526 | 3-1/2" | 5/16" |  | \$366.28 |
| Molder Straight Cutterhead 137mm Diameter, 1-13/16" Bore Knives are not included |  |  |  |  |
| Standard for American, European and Japanese Machines. |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| MH137L50F2S1-1316 |  | 50 mm | 2 | \$295.20 |
| MH137L50F4S1-1316 |  | 50 mm | 4 | \$347.33 |
| MH137L100F2S1-1316 |  | 100 mm | 2 | \$323.47 |
| MH137L100F4S1-1316 |  | 100 mm | 4 | \$378.13 |
| MH137L150F2S1-1316 |  | 150 mm | 2 | \$452.67 |
| MH137L150F4S1-1316 |  | 150 mm | 4 | \$532.53 |
| MH137L180F2S1-1316 |  | 180 mm | 2 | \$522.13 |
| MH137L180F4S1-1316 |  | 180 mm | 4 | \$614.27 |
| MH137L230F2S1-1316 |  | 230 mm | 2 | \$596.93 |
|  |  | 230 mm | 4 | \$702.27 |

## MIAMGNATIE= Planer-Jointer, Molder Cutterhead/Knife

| Tersa R2000 Knives <br> Chrome Steel <br> 2 Knives/Package |  | $\longdiv { 1 9 4 0 4 7 0 }$ | 470 mm | $\$ 40.43$ | Tersa R2000 Knives High Speed Steel 2 Knives/Package |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $1940480$ | $480 \mathrm{~mm}$ | $\$ 41.30$ |  |  |  |
|  |  | 1940490 | 490 mm | \$41.80 |  |  |  |
|  |  | 1940510 | 510 mm | \$43.13 |  |  |  |
|  |  | 1940520 | 520 mm | \$43.90 |  |  |  |
| These genuine Tersa R2000 Chrome Steel replacement knives are best for general wood material i.e. birch, spruce and pine. |  | 1940530 | 530 mm | \$44.40 | These genuine Tersa R2000 High Speed Steel (HSS) replacement knives are best for general wood material i.e. pine, oak, maple, cherry and etc. <br> Tool No. Length Price |  |  |
|  |  | 1940540 | 540 mm | \$45.17 |  |  |  |
|  |  | 1940550 | 550 mm | \$45.83 |  |  |  |
|  |  | 1940560 | 560 mm | \$46.23 |  |  |  |
|  |  | 1940570 | 570 mm | \$47.07 |  |  |  |
|  |  | 1940580 | 580 mm | \$47.60 |  |  |  |
|  |  | 1940590 | 5900mm | \$48.47 $\$ 48.93$ |  |  |  |
| 1940050 | 50mm \$14.03 | 1940610 | 610 mm | \$49.70 |  |  |  |
| 1940060 | 60mm \$14.03 | 1940620 | 620 mm | \$50.23 | 1950050 | 50 mm | \$15.8 |
| 1940070 | $70 \mathrm{~mm} \mathrm{\$ 14.83}$ | 1940625 | 625 mm | \$50.50 | 1950060 | 60 mm | \$17.03 |
| 1940080 | 80mm \$15.30 | 1940630 | 630 mm | \$51.10 | 1950070 | 70 mm | \$18.27 |
| 1940085 | 85mm \$15.67 | 1940635 | 635 mm | \$51.30 | 1950080 | 80 mm | \$19.47 |
| 1940090 | 90mm \$16.10 | 1940640 | 640 mm | \$51.60 | 1950085 | 85 mm | \$20.10 |
| 1940100 | 100 mm \$16.70 |  |  |  | 1950090 | 90 mm | \$20.80 |
| 19401101 | 110 mm \$17.27 |  |  |  | 1950100 | 100 mm | \$21.97 |
| 19401151 | 115 mm \$17.73 |  |  |  | 1950110 | 110 mm | \$23.20 |
| 1940120 | 120 mm \$18.00 |  |  |  | 1950115 | 115 mm | \$23.67 |
| 1940125 | 125mm \$18.27 |  |  |  | 1950120 | 120 mm | \$24.43 |
| 1940130 | 130 mm \$18.53 |  |  |  | 1950125 | 125 mm | \$24.97 |
| 1940140 | 140 mm \$19.30 |  |  |  | 1950130 | 130 mm | \$25.73 |
| 1940150 | 150 mm \$19.87 |  |  |  | 1950140 | 140 mm | \$26.97 |
| 19401551 | 155mm \$20.13 |  |  |  | 1950150 | 150 mm | \$28.23 |
| 1940160 | 160mm \$20.70 |  |  |  | 1950155 | 155 mm | \$28.80 |
| 1940170 | 170 mm \$21.10 |  |  |  | 1950160 | 160 mm | \$29.37 |
| 1940180 | 180 mm \$21.97 |  |  |  | 1950170 | 170 mm | \$30.67 |
| 19401851 | 185 mm \$22.27 |  |  |  | 1950180 | 180 mm | \$31.90 |
| 19401901 | 190mm \$22.43 |  |  |  | 1950185 | 185 mm | \$32.40 |
| 19402002 | 200 mm \$23.03 |  |  |  | 1950190 | 190 mm | \$33.17 |
| 1940210 | 210 mm \$23.80 |  |  |  | 1950200 | 200 mm | \$34.27 |
| 1940220 | 220 mm \$24.37 |  |  |  | 1950210 | 210 mm | \$35.47 |
| 1940230 | 230 mm \$25.10 |  |  |  | 1950220 | 220 mm | \$36.80 |
| 1940240 | 240 mm \$25.77 |  |  |  | 1950230 | 230 mm | \$38.00 |
| 1940250 | 250 mm \$26.50 |  |  |  | 1950240 | 240 mm | \$39.23 |
| 1940260 | 260 mm \$27.03 |  |  |  | 1950250 | 250 mm | \$40.47 |
| 1940265 | 265 mm \$27.33 |  |  |  | 1950260 | 260mm | \$41.67 |
| 1940270 | 270 mm \$27.77 |  |  |  | 1950265 | 265mm | \$42.47 |
| 1940280 | 280 mm \$28.30 |  |  |  | 1950270 | 270 mm | \$43.00 |
| 1940290 | 290 mm \$28.87 |  |  |  | 1950280 | 280 mm | \$44.23 |
| 1940300 | 300mm \$29.63 |  |  |  | 1950290 | 290 mm | \$45.37 |
| 19403053 | 305mm \$29.97 |  |  |  | 1950300 | 300 mm | \$46.67 |
| 1940310 | 310 mm \$30.20 |  |  |  | 1950305 | 305 mm | \$47.40 |
| 1940315 | 315 mm \$30.70 |  |  |  | 1950310 | 310 mm | \$47.90 |
| 1940320 | 320mm \$30.97 |  |  |  | 1950315 | 315 mm | \$48.53 |
| 1940330 | 330 mm \$31.50 |  |  |  | 1950320 | 320 mm | \$49.17 |
| 1940340 | 340 mm \$32.30 |  |  |  | 1950330 | 330 mm | \$50.37 |
| 1940350 | 350mm \$32.83 |  |  |  | 1950340 | 340 mm | \$51.70 |
| 1940360 | 360 mm \$33.57 |  |  |  | 1950350 | 350mm | \$52.83 |
| 1940370 | 370 mm \$34.17 |  |  |  | 1950360 | 360 mm | \$54.00 |
| 1940380 | 380 mm \$34.60 |  |  |  | 1950370 | 370 mm | \$55.30 |
| 1940390 | 390mm \$35.43 |  |  |  | 1950380 | 380 mm | \$56.47 |
| 1940400 | 400mm \$36.03 |  |  |  | 1950390 | 390 mm | \$57.70 |
| 1940410 | 410 mm \$36.77 |  |  |  | 1950400 | 400 mm | \$58.97 |
| 1940420 | 420mm \$37.33 |  |  |  | 1950410 | 410 mm | \$60.27 |
| 1940430 | 430 mm \$38.07 |  |  |  | 1950420 | 420 mm | \$61.47 |
| 1940440 | 440 mm \$38.63 |  |  |  | 1950430 | 430 mm | \$62.67 |
| 1940450 | 450 mm \$39.37 |  |  |  | 1950440 | 440 mm | \$63.93 |
| 1940460 | 460 mm \$40.00 |  |  |  | 1950450 | 450 mm | \$65.17 |

1940470470 mm \$40.43 1940490490 mm \$41.80 1940500500 mm \$42.60 1940510510 mm \$43.13 1940530530 mm \$44.40 1940540 540mm \$45.17 1940550550 mm \$45.83 1940560560 mm \$46.23 1940570570 mm \$47.07 $\begin{array}{lll}1940580 & 580 \mathrm{~mm} & \$ 47.60 \\ 1940590 & 590 \mathrm{~mm} & \$ 48.47\end{array}$ 600 mm \$48.93 610 mm \$49.70 Tool No. Length Price 620 mm \$50.23 $1950050 \quad 50 \mathrm{~mm}$ \$15.80 | 625 mm | $\$ 50.50$ | 1950060 | 60 mm | $\$ 17.03$ |
| :--- | :--- | :--- | :--- | :--- |
| 630 mm | $\$ 51.10$ | 1950070 | 70 mm | $\$ 18.27$ | 1950150 150mm \$28.23 1950160 160mm \$29.37 1950170 170mm \$30.67 1950185 185mm \$32.40 1950190 190mm \$33.17 1950210 210mm \$35.47 $1950220 \quad 220 \mathrm{~mm}$ \$36.80 1950240 240mm \$39.23 $1950250 \quad 250 \mathrm{~mm}$ \$40.47 1950265 265mm \$42.47 $1950270 \quad 270 \mathrm{~mm}$ \$43.00 1950290 290mm \$45.37 1950300 300mm \$46.67 1950310 310mm \$47.90 1950315315 mm \$48.53 $1950330 \quad 330 \mathrm{~mm}$ \$50.37 $1950340 \quad 340 \mathrm{~mm} \quad \$ 51.70$ 1950360360 mm \$54.00 1950380 380mm \$56.47 1950390 390mm \$57.70 1950410 410mm \$60.27 1950420 420mm \$61.47 1950440 440mm \$63.93 $550450 \quad 450 \mathrm{~mm}$ \$65.17

$\begin{array}{ccc}1950090 & 90 \mathrm{~mm} & \$ 20.80 \\ 1950100 & 100 \mathrm{~mm} & \$ 21.97\end{array}$ 1950110 110mm \$23.20 1950120 120mm \$24.43 1950125125 mm \$24.97 1950140 140mm \$26.97
Tersa R2000 Knive
High Speed Steel
2 Knives/Package

These genuine Tersa R2000 High Speed Steel knives are best for general wood material i.e. pine, oak, maple, cherry and etc.



## 7

64

| 1950460 | 460 mm | $\$ 66.40$ |  |
| ---: | ---: | ---: | :---: |
| 1950470 | 470 mm | $\$ 67.70$ | Tersa R2000 Knives |
| 1950480 | 480 mm | $\$ 68.83$ | M42 |
| 1950490 | 490 mm | $\$ 70.33$ | 2 Knives/Package |
| 1950500 | 500 mm | $\$ 71.60$ |  |
| 1950510 | 510 mm | $\$ 72.83$ |  |
| 1950520 | 520 mm | $\$ 74.07$ |  |
| 1950530 | 530 mm | $\$ 75.27$ |  |

1950540 540mm \$76.47 R2000 M42 $1950550550 \mathrm{~mm} \$ 78.17$ replacement knives are $1950560560 \mathrm{~mm} \$ 78.90$ in better high speed 1950570570 mm \$80.47 steel quality, will often $1950580580 \mathrm{~mm} \$ 82.07$ result in a longer 1950590 590mm \$82.80 lifetime and a better $1950600600 \mathrm{~mm} \$ 84.40$ surface compared to 1950610610 mm \$85.13 standard HSS knives. 1950620 620mm \$86.67 Just like standard HSS 1950625 625mm \$87.43 knives, these M42 1950630630 mm \$88.23 1950635635 mm \$88.60 1950640640 mm \$89.03

## IMAGNATEE ${ }^{m}$ Planer-Jointer, Molder Cutterhead/Knife

|  | 1961450 450mm \$566.13 |
| :---: | :---: |
| Tersa R2000 Knives | 1961460 460mm \$578.13 |
| Solid Carbide | 1961470 470mm \$590.17 |
| 2 Knives/Package | 1961480 480mm \$603.47 |
|  | 1961490 490mm \$615.53 |
|  | 1961500 500mm \$627.53 |
|  | 1961510 510mm \$639.53 |
| These genuine Tersa | 1961520 520mm \$651.53 |
| R2000 micrograin solid | 1961530 530mm \$663.60 |
| carbide replacement | 1961540 540mm \$675.63 |
| knives are most durable | 1961550 550mm \$688.97 |
| and recommended for | 1961560 560mm \$700.93 |
| laminated wood, | 1961570 570mm \$713.00 |
| hardwood like hickory | 1961580 580mm \$725.03 |
| and abrasive material. | 1961590 590mm \$736.97 |
| Tool No. Length Price | 1961600 600mm \$749.03 |
| 1961050 50mm \$76.47 | 1961610 610mm \$762.37 |
| 1961060 60mm \$88.93 | 1961620 620mm \$774.43 |
| 1961070 70mm \$101.13 | 1961625 625mm \$779.73 |
| 1961080 80mm \$113.23 | 1961630630 mm \$786.37 |
| 1961085 85mm \$119.33 | 1961640 640mm \$786.37 |
| 1961090 90mm \$125.43 |  |
| 1961100 100mm \$138.83 |  |
| 1961110 110mm \$150.90 |  |
| 1961115 115mm \$156.17 |  |
| 1961120 120mm \$162.90 |  |
| 1961125 125mm \$169.57 |  |
| 1961130 130mm \$174.90 |  |
| 1961140 140mm \$186.97 |  |
| 1961150 150mm \$198.93 |  |
| 1961155 155mm \$205.60 |  |
| 1961160 160mm \$210.97 |  |
| 1961170 170mm \$224.33 |  |
| 1961180 180mm \$236.37 |  |
| 1961185 185mm \$241.67 |  |
| 1961190 190mm \$248.33 |  |
| 1961200 200mm \$260.37 |  |
| 1961210 210mm \$272.40 |  |
| 1961220 220mm \$284.37 |  |
| 1961230 230mm \$297.67 |  |
| 1961240 240mm \$309.77 |  |
| 1961250 250mm \$321.80 |  |
| 1961260 260mm \$333.77 |  |
| 1961265 265mm \$340.43 |  |
| 1961270 270mm \$345.83 |  |
| 1961280 280mm \$357.83 |  |
| 1961290 290mm \$369.83 |  |
| 1961300 300mm \$383.17 |  |
| 1961305 305mm \$389.87 |  |
| 1961310 310mm \$395.20 |  |
| 1961315 315mm \$400.53 |  |
| 1961320 320mm \$407.23 |  |
| 1961330 330mm \$419.27 |  |
| 1961340 340mm \$431.27 |  |
| 1961350 350mm \$443.23 |  |
| 1961360 360mm \$456.67 |  |
| 1961370 370mm \$468.63 |  |
| 1961380 380mm \$480.67 |  |
| 1961390 390mm \$492.67 |  |
| 1961400 400mm \$504.70 |  |
| 1961410 410mm \$516.70 |  |
| 1961420 420mm \$530.10 |  |
| 1961430 430mm \$542.07 |  |
| 1961440 440mm \$554.07 |  |

MIACNAATE ${ }^{\text {TM }}$ Rosette Cutters, Forstner, Boring, Drill bits and Counterbores, Countersinks



Use Magnate 1638 metric brad point boring bit ( $10 \mathrm{~mm} \times 10 \mathrm{~mm} \times 57 \mathrm{~mm}$ ), to make $2-1 / 4$ " x $5 / 8$ " yo-yo halves with a 10 mm hole.

This cutter is designed for use only with a variable speed drill press or lathe under 1,000 rpm; In general, at slow controlled feed speed with 300-500 rpm.

| Tool <br> No. | Profile <br> Dia. | Profile <br> Height | Profile | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{8 0 9 6}$ | $2-1 / 4^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | Round | $4-1 / 2^{\prime \prime}$ | $\$ 58.62$ |
| 8097 | $2-1 / 4^{\prime \prime}$ | $5 / 8^{\prime \prime}$ | Ogee | $4-1 / 2^{\prime \prime}$ | $\$ 59.73$ |

Door Drill Bit, 3-Wing Carbide Tipped 1/2" Shank Diameter x 6 " OAL


It comes with a tool steel $1 / 8^{\prime \prime}$ cutting diameterx 2" long center drill bit. Designed to be used with a drill press, milling machine or boring machine only.

| Tool No. | Cutting Dia. | Price |
| :---: | :---: | :---: |
| DR3012 | 1/2" | \$108.17 |
| DR30916 | 9/16" | \$108.17 |
| DR3058 | 5/8" | \$104.83 |
| DR301116 | 11/16" | \$104.83 |
| DR3034 | 3/4" | \$108.17 |
| DR301316 | 13/16" | \$112.70 |
| DR3078 | 7/8" | \$104.83 |
| DR301516 | 15/16" | \$117.93 |
| DR3100 | $1{ }^{\prime \prime}$ | \$104.83 |
| DR31116 | 1-1/16" | \$117.93 |
| DR3118 | 1-1/8" | \$117.93 |
| DR3114 | 1-1/4" | \$131.05 |
| DR3138 | 1-3/8" | \$136.28 |
| DR3112 | 1-1/2" | \$149.38 |
| DR3158 | 1-5/8" | \$152.02 |
| DR3134 | 1-3/4" | \$157.25 |
| DR3178 | 1-7/8" | \$170.35 |
| DR3200 | 2" | \$170.35 |
| DR3218 | 2-1/8" | \$172.97 |
| DR3214 | 2-1/4" | \$209.67 |
| DR3238 | 2-3/8" | \$209.67 |
| DR3212 | 2-1/2" | \$209.67 |
| DR321516 | 2-15/16" | \$406.23 |
| DR3300 | $3 "$ | \$458.65 |
| DR3314 | 3-1/4" | \$511.07 |
| DR3334 | 3-3/4" | \$537.27 |



| Brad Point Boring Bit10mm Shank57 mm OAL27mm Cutting LengthRight Rotation DowelCarbide Tipped |  |  | Brad Point Boring Bit10 mm Shank57 mm OAL27 mm Cutting LengthLeft Rotation DowelCarbide Tipped |  |  | Brad Point Boring Bit Brad Point Boring Bit 10mm Shank 10mm Shank 57 mm OAL $\quad 70 \mathrm{~mm}$ OAL <br> Right Rotation Dowel Right Rotation Dowel 27mm Cutting Length 35 mm Cutting Length Solid Carbide Carbide Tipped |  |  |  |  |  | $\begin{aligned} & \text { Brad Point Boring Bit } \\ & 10 \mathrm{~mm} \text { Shank } \\ & 70 \mathrm{~mm} \text { OAL } \\ & \text { Left Rotation Dowel } \\ & 35 \mathrm{~mm} \text { Cutting Length } \\ & \text { Carbide Tipped } \end{aligned}$ |  |  | Brad Point Boring Bit 10 mm Shank 70mm OAL <br> Right Rotation Dowel 40mm Cutting Length Solid Carbide |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | = | $\cdots$ |
| Tool No. | Cutting Dia. | Price | Tool No. | Cutting Dia. | Price | Tool No. | Cutting <br> Dia. | Price | Tool <br> No. | Cutting Dia. | Price | $\begin{aligned} & \text { Tool } \\ & \text { No. } \\ & \hline \end{aligned}$ | Cutting Dia. | Price | Tool <br> No. | Cutting Dia. | Price |
| 1330 | 3.0 mm | \$9.59 | 1390 | 3.0 mm | \$9.5 | 2461 | 3.0 mm | \$17.96 | 1430 | 3.0 mm | \$10.77 | 1460 | 3.0 mm | \$10.7 | 4861 | 3.0 mm | \$19.36 |
| 1630 | 4.0 mm | \$9.59 | 1650 | 4.0 mm | \$9.59 | 2460 | 3.2 mm | \$20.82 | 1671 | 4.0 mm | \$10.59 | 1691 | 4.0 mm | \$10.5 | 4860 | 3.2 mm | \$21.34 |
| 1631 | 4.5 mm | \$9.92 | 1651 | 4.5 mm | \$9.92 | 2462 | 4.0 mm | \$20.09 | 1670 | 4.5 mm | \$10.92 | 1690 | 4.5 mm | \$10.92 | 4866 | 3.5 mm | \$21.34 |
| 1660 | 3/16" | \$9.92 | 1665 | 3/16" | \$9.92 | 2463 | 5.0 mm | \$18.76 | 1680 | 3/16" | \$10.76 | 1685 | 3/16" | \$10.76 | 4862 | 4.0 mm | \$21.62 |
| 1632 | 5.0 mm | \$8.26 | 1652 | 5.0 mm | \$8.26 | 2464 | 6.0 mm | \$21.86 | 1672 | 5.0 mm | \$9.26 | 1692 | 5.0 mm | \$9.26 | 4863 | 5.0 mm | \$23.39 |
| 1635 | 5.1 mm | \$9.92 | 1655 | 5.1 mm | \$9.92 | 2466 | 1/4" | \$23.17 | 1679 | 5.1 mm | \$11.09 | 1699 | 5.1 mm | \$11.09 | 4864 | 6.0 mm | \$24.61 |
| 1661 | 5.2 mm | \$9.92 | 1666 | 5.2 mm | \$9.92 | 2467 | 7 mm | \$26.79 | 1626 | 5.2 mm | \$11.09 | 1628 | 5.2 mm | \$11.09 | 4868 | 1/4" | \$35.14 |
| 1633 | 5.5 mm | \$9.92 | 1653 | 5.5 mm | \$9.92 | 2465 | 8 mm | \$25.01 | 1673 | 5.5 mm | \$11.09 | 1693 | 5.5 mm | \$11.09 | 4869 | 6.5 mm | \$35.14 |
| 1634 | 6.0 mm | \$9.92 | 1654 | 6.0 mm | \$9.92 | 2469 | 8.2 mm | \$36.36 | 1674 | 6.0 mm | \$10.26 | 1694 | 6.0 mm | \$10.26 | 4865 | 8 mm | \$32.49 |
| 1662 | 1/4" | \$11.42 | 1667 | 1/4" | \$11.42 | 2468 | 10 mm | \$36.36 | 1682 | 1/4" | \$12.26 | 1687 | 1/4" | \$12.26 | 4880 | 8.2 mm | \$36.42 |
| 1331 | 6.5 mm | \$12.42 | 1391 | 6.5 mm | \$12.42 |  |  |  | 1677 | 6.5 mm | \$13.09 | 1697 | 6.5 mm | \$13.09 | 4867 | 10 mm | \$50.86 |
| 1332 | 6.7 mm | \$12.61 | 1392 | 6.7 mm | \$12.61 | Brad Point Boring Bit <br> 10 mm Shank <br> 57 mm OAL <br> Left Rotation Dowel <br> 27mm Cutting Length <br> Solid Carbide |  |  | 1431 | 6.7 mm | \$13.09 | 1461 | 6.7 mm | \$13.09 | Brad Point Boring Bit 10mm Shank <br> 70 mm OAL <br> Left Rotation Dowel 40 mm Cutting Length Solid Carbide |  |  |
| 1334 | 7 mm | \$11.42 | 1394 | 7 mm | \$11.42 |  |  |  | 1675 | 7 mm | \$12.26 | 1695 | 7 mm | \$12.26 |  |  |  |
| 1333 | 7.5 mm | \$15.86 | 1393 | 7.5 mm | \$15.86 |  |  |  | 1432 | 7.1 mm | \$14.94 | 1462 | 7.1 mm | \$14.94 |  |  |  |
| 1636 | 8 mm | \$10.92 | 1656 | 8 mm | \$10.92 |  |  |  | 1433 | 7.5 mm | \$15.42 | 1463 | 7.5 mm | \$15.42 |  |  |  |
| 1337 | 8.2 mm | \$12.42 | 1397 | 8.2 mm | \$12.42 |  |  |  | 1444 | 7.75 mm | \$15.42 | 1474 | 7.75 mm | \$15.42 |  |  |  |
| 1338 | 8.5 mm | \$13.01 | 1398 | 8.5 mm | \$13.01 |  |  |  | 1676 | 8 mm | \$11.26 | 1696 | 8 mm | \$11.26 |  |  |  |
| 1339 | 9.0 mm | \$13.26 | 1399 | 9.0 mm | \$13.26 |  |  |  | 1437 | $\begin{aligned} & 8.2 \mathrm{~mm} \\ & 8.5 \mathrm{~mm} \end{aligned}$ | \$13.261467 |  | 8.2mm \$13.26 |  |  |  |  |
| 1664 | 3/8" | \$15.42 | 1669 | 3/8" | \$15.42 | $\square$ |  |  | 1438 |  | \$15.42 | 1468 | $8.5 \mathrm{~mm} \quad \$ 15.42$ | \$15.42 |  |  |  |
| 1638 | 10 mm | \$13.09 | 1658 | 10 mm | \$13.09 | Tool No. | Cutting <br> Dia. | Price | 1439 | 9.0 mm | \$14.09 1469 |  | 9.0 mm |  |  |  |  |
| 1641 | 11 mm | \$18.59 | 1371 | 11 mm | \$18.59 |  |  |  | 1684 | 3/8" | \$15.09 | 1689 | 3/8" \$15.09 |  | $\begin{aligned} & \text { Tool } \\ & \text { No. } \end{aligned}$ | Cutting <br> Dia. | Price |
| 1335 | 7/16" | \$18.59 | 1395 | 7/16" | \$18.59 |  |  |  | 1678 | 10 mm | \$13.92 | 1698 | 10 mm | \$13.92 |  |  |  |
| 1643 | 12 mm | \$15.92 | 1373 | 12 mm | \$15.92 | 2471 | 3.0 mm | \$17.96 | 1434 | 10.4 mm | \$22.191464 |  | 10.4 mm \$22.19 |  | 4871 | 3.0mm | \$19.36 |
| 1663 | 1/2" | \$23.76 | 1668 | 1/2" | \$23.76 | 2470 | 3.2 mm | \$20.82 | 1441 | $\begin{aligned} & \text { 11mm } \\ & 7 / 16 " \end{aligned}$ | \$19.591471 |  | $11 \mathrm{~mm} \quad \$ 19.59$ |  |  | 3.2 mm | \$21.34 |
| 1645 | 13 mm | \$21.92 | 1375 | 13 mm | \$21.92 | 2472 | 4.0 mm | \$20.09 | 435 |  | \$20.92 1465 |  | 7/16" \$20.92 |  | 4870 |  |  |
| 1647 | 14 mm | \$24.92 | 1377 | 14 mm | \$24.92 | 2473 | 5.0 mm | \$18.76 |  | $\begin{gathered} \text { 12mm } \\ \text { 1/2" } \end{gathered}$ | \$17.09 1473 |  | 12 mm \$17.09 |  | 4876 | 3.5 mm | \$21.34 |
| 1649 | 15 mm | \$28.26 | 1379 | 15 mm | \$28.26 | 2474 | 6.0 mm | \$21.86 |  |  | \$24.92 | 1688 | $1 / 2^{\prime \prime}$ | \$24.92 | 4872 | 4.0 mm | \$21.62 |
| 1681 | 5/8" | \$11.09 | 1686 | 5/8" | \$11.09 | 2476 | 1/4" | \$23.17 | 445 | $13 \mathrm{~mm}$ | \$22.921475 |  | 13 mm \$22.92 |  | 4873 | 5.0 mm | \$23.39 $\$ 24.61$ |
| 1351 | 16 mm | \$30.42 | 1381 | 16 mm | \$30.42 | 2477 | 7 mm | \$26.79 | 1447 |  | \$25.89 1466 |  | 14 mm | \$25.59 | 4874 | 6.0 mm | \$24.61$\$ 35.14$ |
| 1353 | 17 mm | \$38.76 | 1383 | 17 mm | \$38.76 | 2475 | 8 mm | \$25.01 |  | 9/16" |  |  | 9/16" | \$25.84 | $4879$ | 1/4" |  |
| 1355 | 18 mm | \$38.76 | 1385 | 18 mm | \$38.76 | 2479 | 8.2 mm | \$36.36 |  | $\begin{aligned} & \text { 15mm } \\ & 5 / 8^{\prime \prime} \end{aligned}$ | \$28.921479 |  | 15 mm | \$28.92 |  | 8.8mm | $\begin{aligned} & \$ 35.14 \\ & \$ 35.14 \end{aligned}$ |
| 1357 | 19 mm | \$44.42 | 1387 | 19 mm | \$44.42 | 2478 | 10 mm | \$36.36 | 1448 |  | \$31.591478 |  | 5/8" | \$31.59 | 4875 |  | \$32.49 |
| 1359 | 20 mm | \$44.42 | 1389 | 20 mm | \$44.42 |  |  |  | 1451 | 16 mm | \$31.59 1481 |  | 16 mm | \$31.59 | $4885$ | $\begin{aligned} & 8.2 \mathrm{~mm} \\ & 10 \mathrm{~mm} \\ & \hline \end{aligned}$ | $\begin{aligned} & \$ 36.42 \\ & \$ 50.86 \\ & \hline \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  | 16.5 mm | \$34.02 | 1470 | 16.5 mm | \$34.02 |  |  |  |
|  |  |  |  |  |  |  |  |  | 1453 | 17 mm | \$39.26 1483 |  | 17 mm | \$39.26 |  |  |  |
|  |  |  |  |  |  |  |  |  | 1455 | 18 mm | \$39.26 | 1485 | 18 mm | \$39.26 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1457 | 19 mm | \$44.92 | 1487 | 19 mm | \$44.92 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1459 | 20mm | \$44.92 | 1489 | 20mm | \$44.92 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1442 | 25 mm | \$63.99\|1472 |  |  | \$63.99 |  |  |  |  |  |





MIACNAATE ${ }^{\text {TM }}$ Rosette Cutters, Forstner, Boring, Drill bits and Counterbores, Countersinks





Heavy duty steel. Several shank sizes available. Pilot drill included with arbor.

| Tool No. | Shank Dia. Thread | Chuck | Price |  |
| :--- | :---: | :---: | :---: | ---: |
| HSAA14R | $1 / 4^{\prime \prime}-$ Round | $1 / 2^{\prime \prime}-20$ | $1 / 4^{\prime \prime}$ | $\$ 5.69$ |
| HSAB716H* | $7 / 16^{\prime \prime}-$ Hex | $5 / 8^{\prime \prime}-18$ | $1 / 2^{\prime \prime}$ | $\$ 14.76$ |
| HSAE38H^ | $3 / 8^{\prime \prime}-$ Hex | $1 / 2^{\prime \prime}-20$ | $3 / 8^{\prime \prime}-1 / 2^{\prime \prime}$ | $\$ 8.01$ |
| HSAF38HH | $3 / 8^{\prime \prime}-$ Hex | $5 / 8^{\prime \prime}-18$ | $3 / 8^{\prime \prime}-1 / 2^{\prime \prime}$ | $\$ 14.76$ |
| * It comes with a HSS $1 / 4^{\prime \prime}$ pilot drill bit |  |  |  |  |
| At comes with a carbide tipped $1 / 4^{\prime \prime}$ pilot drill bit |  |  |  |  |



This carbide tipped hole saw cutter comes with specially strengthened carbide that is designed to be used on hardwoods, plastic, marble, concrete, and metals. Apply liquid coolant or lubrication during application in order to extend the working life of this blade. Applying coolant is especially recommended when cutting ferrous and nonferrous metals.

| Tool No. | Cutting Dia. | Cutting Depth | Shank <br> Length | Overall <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| HSC1020T | 20mm | $2{ }^{\prime \prime}$ | 30 mm | 3-1/2" | \$18.69 |
| HSC1024T | 24 mm | $2 "$ | 30 mm | 3-1/2" | \$20.98 |





For the best sizing and finishing; cuts in plywood, veneer, plastic laminated board material, on table saws and vertical sizing saws.
Tool No. Dia. ToothHook Kerf Plate Price SC2236^ 220mm $6410^{\circ} 3.2 \mathrm{~mm} 2.2 \mathrm{~mm}$ \$76.32 SC2538* $250 \mathrm{~mm} \quad 80 \quad 5^{\circ} 3.2 \mathrm{~mm} 2.2 \mathrm{~mm}$ \$98.50 SC3036* 300mm $60 \quad 10^{\circ} 3.2 \mathrm{~mm} 2.2 \mathrm{~mm}$ \$94.05 SC3037* 300mm $72 \quad 10^{\circ} 3.2 \mathrm{~mm} 2.2 \mathrm{~mm}$ \$98.10 SC3039* $300 \mathrm{~mm} 965^{\circ} 3.2 \mathrm{~mm} 2.2 \mathrm{~mm} \$ 137.38$ Tool No. Dia. Tooth Bore Kerf Plate Price


Manufactured to work in portable machines with all the technical features high industrial quality saw blades.

SC3538* $350 \mathrm{~mm} \quad 84 \quad 10^{\circ} 3.5 \mathrm{~mm} 2.5 \mathrm{~mm}$ \$129.27 * 2 combi pin holes $2 / 7 / 42 \mathrm{~mm}-2 / 9 / 46 \mathrm{~mm}$ 2/10/60mm
a 2 pin holes $7 / 42 \mathrm{~mm}$


Manufactured to work in portable machines with all the technical features high industrial quality saw blades.

| Tool <br> No. | Dia. | Tooth Bore | Kerf | Plate | Price |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| GP52* | $7-1 / 4 "$ | 24 | $5 / 8^{\prime \prime}$ | $.102^{\prime \prime}$ | $.072^{\prime \prime}$ | $\$ 35.05$ |

GP12^ * $12^{\circ}$ Hook
$\wedge 8^{\circ} \mathrm{Hook}$

Double Face Laminate Saw Blade 1" Bore, ATB Grind


For fine cuts in laminated board materials on both sides with melamine, formica, veneer, etc. On table saws without scoring unit, vertical panel sizing saws, radial arm saws, mitre-and chop saws. Extra hard sub-micro grain carbide tips for long edge life.

## Tool

Dia. Tooth Hook Kerf Plate
Price



For fine cuts in laminated board materials on both sides with melamine, formica, veneer, etc. On table saws without scoring unit, vertical panel sizing saws, radial arm saws, mitre-and chop saws. Extra hard sub-micro grain carbide tips for long edge life.

| Tool No. Dia. Tooth Hook | Kerf Plate | Price |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| L1058 | 10 | 80 | Neg $5^{\circ}$ | $.126^{\prime \prime}$ | $.087 "$ | $\$ 94.15$ |


| L1219 | $12 "$ | 96 | Neg $5^{\circ} .126^{\prime \prime} .087 "$ | $\$ 115.47$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| L1411 | $14 "$ | 100 | Neg $2^{\circ} .148^{\prime \prime} .118 "$ | $\$ 186.28$ |

Double Face Laminate Saw Blade 30 mm Bore, ATB Grind, Neg $5^{\circ}$ Hook


For fine cuts in laminated board materials on both sides with melamine, formica, veneer, etc. On table saws without scoring unit, vertical panel sizing saws, radial arm saws, mitre-and chop saws. Extra hard sub-micro grain carbide tips for long edge life.
Tool No. Dia. Tooth Kerf Plate Price L2236^ $220 \mathrm{~mm} \quad 64 \begin{array}{llll} & 3.2 \mathrm{~mm} & 2.2 \mathrm{~mm} & \$ 86.40\end{array}$ L2538* $\quad 250 \mathrm{~mm} \quad 80 \quad 3.2 \mathrm{~mm} \quad 2.2 \mathrm{~mm} \quad \$ 103.62$ L3039* $303 \mathrm{~mm} \quad 96 \quad 3.2 \mathrm{~mm} \quad 2.2 \mathrm{~mm} \quad \$ 118.23$ * 2 Combi Pin Holes - 2/7/42, 2/9/46, 2/10/60mm $\wedge 2$ Pin Holes $-7 / 42 \mathrm{~mm}$




Steel Cutting Saw Blade, 1" Bore
ATB + EXTRA $30^{\circ}$ Bevel Grind


For dry cutting of mild steel type S237, metal-clad work pieces i.e. sandwich panels, Angle irons, pipes, cable ducts, sheet metal, brass, copper.

| $\begin{array}{l}\text { Tool } \\ \text { No. }\end{array}$ Dia. Tooth Hook Kerf Plate Price |
| :--- | :--- | :--- | :--- |


| No. | Dia. | Tooth Hook | Kerf Plate | Pric |
| :---: | :---: | :---: | :---: | :---: |
| SL2024 | 205mm | $400^{\circ}$ | 2.2 mm 1.8 mm | \$77.55 |
| SL2524 | 255 mm | $480^{\circ}$ | 2.4 mm 2.0 mm | \$98.25 |
| SL3026 | 305 mm | $600^{\circ}$ | 2.4 mm 2.0 mm | \$123.35 |
| SL3028 | 305 mm | $840^{\circ}$ | 2.4 mm 2.0 mm | \$156.68 |
| SL3528 | 355mm | $840^{\circ}$ | $2.6 \mathrm{~mm} \mathrm{2.2mm}$ | \$165.65 |
| SL3521 | 355mm | $1020^{\circ}$ | $2.6 \mathrm{~mm} \mathrm{2.2mm}$ | \$201.22 |
| Non-Ferrous Metal Cutting Saw Blade 5/8" Bore |  |  |  |  |


| Tool No. Dia.Tooth |  | Hook | Kerf | Plate Price |
| :---: | :---: | :---: | :---: | :---: |
| NF1217 12" | 72 | Neg $5^{\circ}$ | .128" | .102"\$111.20 |
| NF1218 12" | 80 | Neg $5^{\circ}$ | .128" | .102"\$119.2 |
| NF1211 12" | 100 | Neg $5^{\circ}$ | .128" | .102"\$138.45 |
| NF1411 14" | 108 | Neg $5^{\circ}$ | .138" | .110"\$153.93 |
| NF1511^15" | 100 | Neg $2^{\circ}$ | .120" | .098"\$187.93 |
| NF1611 16" | 100 | Neg $2^{\circ}$ | .150" | .126"\$215.13 |
| NF1811 18" | 100 | Neg $2^{\circ}$ | .165" | .134"\$269.28 |
| NF2011 20" | 100 | $0^{\circ}$ | .174" | .134"\$308.10 |
| NF2012 20" | 120 | $0^{\circ}$ | .174" | .134"\$343.63 |
| NF2014 20" | 140 | $0^{\circ}$ | .174" | .134"\$383.60 |
| * For Hitachi | mitre |  |  |  |

## Nail Saw Blade, TC/TC Grind, Neg $5^{\circ}$ Hook



For all materials used on building sites, such as wood with nails, clips, concrete residues, tubes and familiar wood inclusions.

| Tool No. | Dia. | Too | Bore | Kerf | Plate | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NL1052 | 10" | 20 | 5/8" | .126" | .087" | \$45.3 |
| NL1212 | $12 "$ | 24 | $1{ }^{\prime \prime}$ | .126" | .087' | \$55 |
| NL1412 | $14 "$ | 28 | $1{ }^{\prime \prime}$ | .137" | .098" | \$71. |
| NL1813 | 18" | 36 | $1{ }^{\prime \prime}$ | .165" | 110 | \$14 |



| 200 mm D For Cutting Non | eter, 3 <br> rrous M | Bore Pipe | ubes | 200 mm Diameter, 32 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 225mm Diameter, 32mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Tooth Pattern | Thickne | rice | Tool No. | Tooth Pattern | Thickness |  | Tool No. | Tooth <br> Pattern | Thickness | Price |
| HA082032T060ATB | 60-BW | 2.0 mm | \$71.77 |  |  |  |  | HA092032T060ATB | 60-BW | 2.0 mm | 78.39 |
| HA082032T070ATB | 70-BW | 2.0 mm | \$71.7 | HC082032T060TC | 60C | 2.0 mm | \$71.77 | HA092032T070ATB | 70-BW | 2.0 mm | \$78.39 |
| HA082032T080ATB | 80-BW | 2.0 mm | \$71.77 | HC082032T070TC | 70-C | 2.0 mm | \$71.77 | HA092032T080ATB | 80-BW | 2.0 mm | \$78.39 |
| HA082032T090ATB | 90-BW | 2.0 mm | \$71.7 | HC082032T080TC | 80-C | 2.0 mm | \$71.77 | HA092032T090ATB | 90-BW | 2.0 mm | 78.39 |
| HA082032T100ATB | 100-BW | 2.0 mm | \$71.77 | HC082032T090TC | 90-C | 2.0 mm | \$71.77 | HA092032T100ATB | 100-BW | 2.0 mm | \$78.39 |
| HA082032T120ATB | 120-BW | 2.0 mm | \$71.77 | HC082032T100TC | 100-C | 2.0 mm | \$71.77 | HA092032T120ATB | 120-BW | 2.0 mm | 78.39 |
| HA082032T140ATB | 140-BW | 2.0 mm | \$71.77 | HC082032T120TC | 120-C | 2.0 mm | \$71.77 | HA092032T140ATB | 140-BW | 2.0 mm | \$78.39 |
| HA082032T160ATB | 160-BW | 2.0 mm | \$71.77 | HC082032T140TC | 140-C | 2.0 mm | \$71.77 | HA092032T160ATB | 160-BW | 2.0 mm | 78.39 |
| HA082032T180ATB | 180-BW | 2.0 mm | \$71.77 | HC082032T160TC | 160-C | 2.0 mm | \$71.77 | HA092032T180ATB | 180-BW | 2.0 mm | \$78.39 |
| 200 mm Diameter, 32mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | HC082032T180TC | 180-C | 2.0 mm | \$71.77 | 225 mm Diameter, 32mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 200 mm Diameter, 32mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth <br> Pattern | Thickness | s Price | Tool No. | Tooth Pattern | Thickness | Price |
| HA082032T060TC | 60C | 2.0 mm | \$71.77 | HE082032T060ATB | 60-BW | 2.0 mm | \$71.7 | HA092032T060TC | 60C | 2.0 mm | 78.39 |
| HA082032T070TC | 70-C | 2.0 mm | \$71.77 | HE082032T070ATB | 70-BW | 2.0 mm | \$71.77 | HA092032T070TC | 70-C | 2.0 mm | 78.39 |
| HA082032T080TC | 80-C | 2.0 mm | \$71.77 | HE082032T080ATB | 80-BW | 2.0 mm | \$71.77 | HA092032T080TC | 80-C | 2.0 mm | \$78.39 |
| HA082032T090TC | 90-C | 2.0 mm | \$71.77 | HE082032T090ATB | 90-BW | 2.0 mm | \$71.77 | HA092032T090TC | 90-C | 2.0 mm | 78.39 |
| HA082032T100TC | 100-C | 2.0 mm | \$71.77 | HE082032T100ATB | 100-BW | 2.0 mm | \$71.77 | HA092032T100TC | 100-C | 2.0 mm | \$78.39 |
| HA082032T120TC | 120-C | 2.0 mm | \$71.77 | HE082032T120ATB | 120-BW | 2.0 mm | \$71.77 | HA092032T120TC | 120-C | 2.0 mm | \$78.39 |
| HA082032T140TC | 140-C | 2.0 mm | \$71.77 | HE082032T140ATB | 140-BW | 2.0 mm | \$71.77 | HA092032T140TC | 140-C | 2.0 mm | \$78.39 |
| HA082032T160TC | 160-C | 2.0 mm | \$71.77 | HE082032T160ATB | 160-BW | 2.0 mm | \$71.77 | HA092032T160TC | 160-C | 2.0 mm | 78.39 |
| HA082032T180TC | 180-C | 2.0 mm | \$71.77 | HE082032T180ATB | 180-BW | 2.0 mm | \$71.77 | HA092032T180TC | 180-C | 2.0 mm | \$78.39 |
| 200 mm Diameter, 32 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 200 mm Diameter, 32mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 225 mm Diameter, 32 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  |
| Tool No. | Tooth <br> Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| HC082032T060ATB | 60-BW | 2.0 mm | \$71.77 | HE082032T060TC | 60C | 2.0 mm | \$71.7 | HC092032T060ATB | 60-BW | 2.0 mm | \$78.39 |
| HC082032T070ATB | 70-BW | 2.0 mm | \$71.77 | HE082032T070TC | 70-C | 2.0 mm | \$71.77 | HC092032T070ATB | 70-BW | 2.0 mm | \$78.39 |
| HC082032T080ATB | 80-BW | 2.0 mm | \$71.77 | HE082032T080TC | 80-C | 2.0 mm | \$71.77 | HC092032T080ATB | 80-BW | 2.0 mm | \$78.39 |
| HC082032T090ATB | 90-BW | 2.0 mm | \$71.77 | HE082032T090TC | 90-C | 2.0 mm | \$71.77 | HC092032T090ATB | 90-BW | 2.0 mm | \$78.39 |
| HC082032T100ATB | 100-BW | 2.0 mm | \$71.77 | HE082032T100TC | 100-C | 2.0 mm | \$71.77 | HC092032T100ATB | 100-BW | 2.0 mm | \$78.39 |
| HC082032T120ATB | 120-BW | 2.0 mm | \$71.77 | HE082032T120TC | 120-C | 2.0 mm | \$71.77 | HC092032T120ATB | 120-BW | 2.0 mm | \$78.39 |
| HC082032T140ATB | 140-BW | 2.0 mm | \$71.77 | HE082032T140TC | 140-C | 2.0 mm | \$71.77 | HC092032T140ATB | 140-BW | 2.0 mm | \$78.39 |
| HC082032T160ATB | 160-BW | 2.0 mm | \$71.77 | HE082032T160TC | 160-C | 2.0 mm | \$71.77 | HC092032T160ATB | 160-BW | 2.0 mm | \$78.39 |
| HC082032T180ATB | 180-BW | 2.0 mm | \$71.77 | HE082032T180TC | 180-C | 2.0 mm | \$71.77 | HC092032T180ATB | 180-BW | 2.0 mm | \$78.39 |


| 225 mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 225mm Diameter, 40 mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 225mm Diameter, 40mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Tooth <br> Pattern | Thickness | Price |  | Pattern | Thickness Price |  | Tool No. | Tooth Pattern | Thickness | Price |
|  |  |  |  | HA091640T060ATB | 60-BW | 1.6 mm | \$74.28 |  |  |  |  |
| HC092032T060TC | 60C | 2.0 mm | \$78.39 | A091640T070ATB | 70-BW | 1.6 mm | \$74.2 | HC091640T060TC | 60C | 1.6 mm | \$74.28 |
| HC092032T070TC | 70-C | 2.0 mm | \$78.39 | HA091640T080ATB | 80-BW | 1.6 mm | \$74.28 | HC091640T070TC | 70-C | 1.6 mm | \$74.28 |
| HC092032T080TC | 80-C | 2.0 mm | \$78.39 | HA091640T090ATB | 90-BW | 1.6 mm | \$74.28 | HC091640T080TC | 80-C | 1.6 mm | \$74.28 |
| HC092032T090TC | 90-C | 2.0 mm | \$78.39 | HA091640T100ATB | 100-BW | 1.6 mm | \$74.28 | HC091640T090TC | 90-C | 1.6 mm | \$74.28 |
| HC092032T100TC | 100-C | 2.0 mm | \$78.39 | HA091640T120ATB | 120-BW | 1.6 mm | \$74.28 | HC091640T100TC | 100-C | 1.6 mm | \$74.28 |
| HC092032T120TC | 120-C | 2.0 mm | \$78.39 | HA091640T140ATB | 140-BW | 1.6 mm | \$74.28 | HC091640T120TC | 120-C | 1.6 mm | \$74.28 |
| HC092032T140TC | 140-C | 2.0 mm | \$78.39 | HA091640T160ATB | 160-BW | 1.6 mm | \$74.28 | HC091640T140TC | 140-C | 1.6 mm | \$74.28 |
| HC092032T160TC | 160-C | 2.0 mm | \$78.39 | HA091640T180ATB | 180-BW | 1.6 mm | \$74.28 | HC091640T160TC | 160-C | 1.6 mm | \$74.28 |
| HC092032T180TC | 180-C | 2.0 mm | \$78.39 | 225 mm Diameter, 40 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | HC091640T180TC | 180-C | 1.6 mm | \$74.28 |
| 225 mm Diameter, 32 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  | 225 mm Diameter, 40 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thicknes | Price |
| HE092032T060ATB | 60-BW | 2.0 mm | \$78.39 | HA091640T060TC | 60C | 1.6 mm | \$74 | HE091640T060ATB | 60-BW | 1.6 mm | 74.28 |
| HE092032T070ATB | 70-BW | 2.0 mm | \$78.39 | HA091640T070TC | 70-C | 1.6 mm | \$74.28 | HE091640T070ATB | 70-BW | 1.6 mm | \$74.28 |
| HE092032T080ATB | 80-BW | 2.0 mm | \$78.39 | HA091640T080TC | $80-\mathrm{C}$ | 1.6 mm | \$74.28 | HE091640T080AT | 80-BW | 1.6 mm | \$74.28 |
| HE092032T090ATB | 90-BW | 2.0 mm | \$78.39 | HA091640T090TC | 90-C | 1.6 mm | \$74.28 | HE091640T090ATB | 90-BW | 1.6 mm | \$74.28 |
| HE092032T100ATB | 100-BW | 2.0 mm | \$78.39 | HA091640T100TC | 100-C | 1.6 mm | \$74.28 | HE091640T100ATB | 100-BW | 1.6 mm | \$74.28 |
| HE092032T120ATB | 120-BW | 2.0 mm | \$78.39 | HA091640T120TC | 120-C | 1.6 mm | \$74.28 | HE091640T120ATB | 120-BW | 1.6 mm | \$74.28 |
| HE092032T140ATB | 140-BW | 2.0 mm | \$78.39 | HA091640T140TC | 140-C | 1.6 mm | \$74.28 | HE091640T140ATB | 140-BW | 1.6 mm | 74.28 |
| HE092032T160ATB | 160-BW | 2.0 mm | \$78.39 | HA091640T160TC | 160-C | 1.6 mm | \$74.28 | HE091640T160ATB | 160-BW | 1.6 mm | \$74.28 |
| HE092032T180ATB | 180-BW | 2.0 mm | \$78.39 | HA091640T180TC | 180-C | 1.6 mm | \$74.28 | HE091640T180ATB | 180-BW | 1.6 mm | \$74.28 |
| 225 mm Diameter, 32 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 225 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 225 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| HE092032T060TC | 60C | 2.0 mm | \$78.39 | HC091640T060ATB | 60-BW | 1.6 mm | \$74.28 | HE091640T060TC | 60C | 1.6 mm | \$74.28 |
| HE092032T070TC | $70-\mathrm{C}$ | 2.0 mm | \$78.39 | HC091640T070ATB | 70-BW | 1.6 mm | \$74.28 | HE091640T070TC | 70-C | 1.6 mm | \$74.28 |
| HE092032T080TC | 80-C | 2.0 mm | \$78.39 | HC091640T080ATB | 80-BW | 1.6 mm | \$74.28 | HE091640T080TC | 80-C | 1.6 mm | \$74.28 |
| HE092032T090TC | 90-C | 2.0 mm | \$78.39 | HC091640T090ATB | 90-BW | 1.6 mm | \$74.28 | HE091640T090TC | 90-C | 1.6 mm | \$74.28 |
| HE092032T100TC | 100-C | 2.0 mm | \$78.39 | HC091640T100ATB | 100-BW | 1.6 mm | \$74.28 | HE091640T100TC | 100-C | 1.6 mm | \$74.28 |
| HE092032T120TC | 120-C | 2.0 mm | \$78.39 | HC091640T120ATB | 120-BW | 1.6 mm | \$74.28 | HE091640T120TC | 120-C | 1.6 mm | \$74.28 |
| HE092032T140TC | 140-C | 2.0 mm | \$78.39 | HC091640T140ATB | 140-BW | 1.6 mm | \$74.28 | HE091640T140TC | 140-C | 1.6 mm | \$74.28 |
| HE092032T160TC | 160-C | 2.0 mm | \$78.39 | HC091640T160ATB | 160-BW | 1.6 mm | \$74.28 | HE091640T160TC | 160-C | 1.6 mm | \$74.28 |
| HE092032T180TC | 180-C | 2.0 mm | \$78.39 | HC091640T180ATB | 180-BW | 1.6 mm | \$74.28 | HE091640T180TC | 180-C | 1.6 mm | \$74.28 |


| 250 mm Diameter, 32mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 250 mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 250 mm Diameter, 32mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Tool No. | Tooth <br> Pattern | Thickness Price |  |
|  | Pattern |  |  |  | Tooth Pattern |  |  |  |  |  |  |
| 102032T060ATB | 60-BW | 0mm | \$83.98 |  |  |  |  | 02032T060ATB | 60-BW | .0mm | \$83 |
| HA102532T060ATB | 60-BW | 2.5 mm | \$90.59 | 2032T060ATB | 60-BW | 2.0 mm | \$83.98 | HE102532T060ATB | 60-BW | 2.5 mm | \$90.59 |
| HA102032T070ATB | 70-BW | 2.0 mm | \$83.98 | HC102532T060ATB | 60-BW | 2.5 mm | \$90.59 | HE102032T070ATB | 70-BW | 2.0 mm | \$83.98 |
| HA102532T070ATB | 70-BW | 2.5 mm | \$90.59 | HC102032T070ATB | 70-BW | 2.0 mm | \$83.98 | HE102532T070ATB | 70-BW | 2.5 mm | \$90.59 |
| HA102032T080ATB | 80-BW | 2.0 mm | \$83.98 | HC102532T070ATB | 70-BW | 2.5 mm | \$90.59 | HE102032T080ATB | 80-BW | 2.0 mm | \$83.98 |
| HA102532T080ATB | 80-BW | 2.5 mm | \$90.59 | HC102032T080ATB | 80-BW | 2.0 mm | \$83.98 | HE102532T080ATB | 80-BW | 2.5 mm | \$90.59 |
| HA102032T090ATB | $90-\mathrm{BW}$ | 2.0 mm | \$83.98 | HC102532T080ATB | 80-BW | 2.5 mm | \$90.59 | HE102032T090ATB | 90-BW | 2.0 mm | \$83.98 |
| HA102532T090ATB | 90-BW | 2.5 mm | \$90.59 | HC102032T090ATB | 90-BW | 2.0 mm | \$83.98 | HE102532T090ATB | 90-BW | 2.5 mm | \$90.59 |
| HA102032T100ATB | 100-BW | 2.0 mm | \$83.98 | HC102532T090ATB | $90-\mathrm{BW}$ | 2.5 mm | \$90.59 | HE102032T100ATB | 100-BW | 2.0 mm | \$83.98 |
| HA102532T100ATB | 100-BW | 2.5 mm | \$90.59 | HC102032T100ATB | 100-BW | 2.0 mm | \$83.98 | HE102532T100ATB | 100-BW | 2.5 mm | \$90.59 |
| HA102032T120ATB | 120-BW | 2.0 mm | \$83.98 | HC102532T100ATB | 100-BW | 2.5 mm | \$90.59 | HE102032T120ATB | 120-BW | 2.0 mm | \$83.98 |
| HA102532T120ATB | 120-BW | 2.5 mm | \$90.59 | HC102032T120ATB | 120-BW | 2.0 mm | \$83.98 | HE102532T120ATB | 120-BW | 2.5 mm | \$90.59 |
| HA102032T140ATB | 140-BW | 2.0 mm | \$83.98 | HC102532T120ATB | 120-BW | 2.5 mm | \$90.59 | HE102032T140ATB | 140-BW | 2.0 mm | \$83.98 |
| HA102532T140ATB | 140-BW | 2.5 mm | \$90.59 | HC102032T140ATB | 140-BW | 2.0 mm | \$83.98 | HE102532T140ATB | 140-BW | 2.5 mm | \$90.59 |
| HA102032T160ATB | 160-BW | 2.0 mm | \$83.98 | HC102532T140ATB | 140-BW | 2.5 mm | \$90.59 | HE102032T160ATB | 160-BW | 2.0 mm | \$83.98 |
| HA102532T160ATB | 160-BW | 2.5 mm | \$90.59 | HC102032T160ATB | 160-BW | 2.0 mm | \$83.98 | HE102532T160ATB | 160-BW | 2.5 mm | \$90.59 |
| HA102032T180ATB | 180-BW | 2.0 mm | \$83.9 | HC102532T160ATB | 160-BW | 2.5 m | \$90.59 | HE102032T180ATB | 180-BW | 2.0 mm | \$83.98 |
| HA102532T180ATB | 180-BW | 2.5 mm | \$90.5 | HC102032T180ATB | 180-BW | 2.0 mm | \$83.98 | HE102532T180ATB | 180-BW | 2.5 mm | \$90.59 |
| 250 mm Diameter, 32 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | C102532T180ATB | 0-BW | mm | 0.5 | 250 mm Diameter, 32 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 250 mm Diameter, 32mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |  |  |  |  |  |  |  |
| Tool No. |  | Thickness | Price |  |  |  |  |  |  |  |  |
|  | Tooth <br> Pattern |  |  | ool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| HA102032T060TC | 60C | 0 mm | \$83.98 |  |  |  |  | HE102032T060TC |  | 2.0 mm | \$83.98 |
| HA102532T060TC | 60C | 2.5 mm | \$90.59 | HC102032T060TC | 60C | 2.0 mm | \$83.98 | HE102532T060TC | 60C | 2.5 mm | \$90.59 |
| HA102032T070TC | 70-C | 2.0 mm | \$83.98 | HC102532T060TC | 60C | 2.5 mm | \$90.59 | HE102032T070TC | 70-C | 2.0 mm | \$83.98 |
| HA102532T070TC | 70-C | 2.5 mm | \$90.59 | HC102032T070TC | 70-C | 2.0 mm | \$83.98 HE102532T070TC |  | 70-C | 2.5 mm | \$90.59 |
| HA102032T080TC | $80-\mathrm{C}$ | 2.0 mm | \$83.9 | HC102532T070TC | 70-C | 2.5 mm | \$90.59 HE102032T080TC |  | 80-C | 2.0 mm | \$83.98 |
| HA102532T080TC | 80-C | 2.5 mm | \$90.59 | HC102032T080TC | 80-C | 2.0 mm | \$83.98 HE102532T080TC |  | $80-\mathrm{C}$ |  | \$90.59 |
| HA102032T090TC | 90-C | 2.0 mm | \$83.98 | HC102532T080TC | 80-C | 2.5 mm | \$90.59 HE102032T090TC |  | 90-C | 2.0 mm | \$83.98 |
| HA102532T090TC | 90-C | 2.5 mm | \$90.59 | HC102032T090TC | $90-\mathrm{C}$ | 2.0 mm | \$83.98 HE102532T090TC |  | 90-C | 2.5 mm | \$90.59 |
| HA102032T100TC | 100-C | 2.0 mm | \$83.98 | HC102532T090TC | 90-C | 2.5 mm | \$90.59 HE102032T100TC |  | 100-C | 2.0 mm |  |
| HA102532T100TC | 100-C | 2.5 mm | \$90.5 | HC102032T100TC | 100-C | 2.0 mm | $\begin{aligned} & \$ 83.98 \\ & \$ 90.59 \end{aligned}$ | HE102532T100TC | 100-C | 2.5 mm | \$83.98 |
| HA102032T120TC | 120-C | 2.0 mm | \$83.98 | HC102532T100TC | 100-C | 2.5 mm |  | HE102032T120TC | 120-C | 2.0 mm2.5 mm | $\begin{aligned} & \$ 90.59 \\ & \$ 83.98 \end{aligned}$ |
| HA102532T120TC | 120-C | 2.5 mm | \$90.59 | HC102032T120TC | 120-C | 2.0 mm | \$83.98 | HE102532T120TC | 120-C |  | \$90.59 |
| HA102032T140TC | 140-C | 2.0 mm | \$83.98 | HC102532T120TC | 120-C | 2.5 mm | $\begin{aligned} & \$ 90.59 \\ & \$ 83.98 \end{aligned}$ | HE102032T140TC | 140-C | 2.0 mm | \$83.98 |
| HA102532T140TC | 140-C | 2.5 mm | \$90.59 | HC102032T140TC | 140-C | 2.0 mm |  | HE102532T140TC | 140-C | 2.5 mm | \$90.59 |
| HA102032T160TC | 160-C | 2.0 mm | \$83.98 | HC102532T140TC | 140-C | 2.5 mm | \$90.59 |  | $\begin{aligned} & 160-\mathrm{C} \\ & 160-\mathrm{C} \end{aligned}$ | 2.0 mm | \$83.98$\$ 90.59$ |
| HA102532T160TC | 160-C | 2.5 mm | \$90.59 | HC102032T160TC | 160-C | 2.0 mm | $\begin{aligned} & \$ 83.98 \\ & \$ 90.59 \end{aligned}$ | HE102532T160TC |  | 2.5 mm |  |
| HA102032T180TC | 180-C | 2.0 mm | \$83.98 | HC102532T160TC | 160-C | 2.5 mm |  | $\begin{aligned} & \text { HE102032T180TC } \\ & \text { HE102532T180TC } \\ & \hline \end{aligned}$ | $\begin{aligned} & 180-\mathrm{C} \\ & 180-\mathrm{C} \\ & \hline \end{aligned}$ | $\begin{array}{r} 2.0 \mathrm{~mm} \\ 2.5 \mathrm{~mm} \\ \hline \end{array}$ | $\begin{aligned} & \$ 83.98 \\ & \$ 90.59 \\ & \hline \end{aligned}$ |
| HA102532T180TC | 180-C | 2.5 mm | \$90.59 | HC102032T180TC | 180-C | 2.0 mm | $\begin{aligned} & \$ 90.59 \\ & \$ 83.98 \\ & \$ 90.59 \end{aligned}$ |  |  |  |  |
|  |  |  |  | HC102532T180TC | 180-C | 2.5 mm |  |  |  |  |  |


| 250 mm Diameter, 40 mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 250 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 250 mm Diameter, 40 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Tool No. | Tooth <br> Pattern | Thickness Price |  |
|  | Pattern |  |  | Tool No. | Tooth Pattern | Thickness | Price |  |  |  |  |
| HA102040T060ATB | 60-BW | 2.0 mm | \$83.98 |  |  |  |  | 02040T060ATB | 60-BW | .0mm | \$83.98 |
| HA102540T060ATB | 60-BW | 2.5 mm | \$90.59 | 2040T060ATB | 60-BW | 2.0 mm | \$83.98 | HE102540T060ATB | 60-BW | 2.5 mm | \$90.59 |
| HA102040T070ATB | 70-BW | 2.0 mm | \$83.98 | HC102540T060ATB | 60-BW | 2.5 mm | \$90.59 | HE102040T070ATB | 70-BW | 2.0 mm | \$83.98 |
| HA102540T070АTB | 70-BW | 2.5 mm | \$90.59 | HC102040T070ATB | 70-BW | 2.0 mm | \$83.98 | HE102540T070ATB | 70-BW | 2.5 mm | \$90.59 |
| HA102040T080ATB | 80-BW | 2.0 mm | \$83.98 | HC102540T070ATB | 70-BW | 2.5 mm | \$90.59 | HE102040T080ATB | 80-BW | 2.0 mm | \$83.98 |
| HA102540T080ATB | 80-BW | 2.5 mm | \$90.59 | HC102040T080ATB | 80-BW | 2.0 mm | \$83.98 | HE102540T080ATB | 80-BW | 2.5 mm | \$90.59 |
| HA102040T090ATB | 90-BW | 2.0 mm | \$83.98 | HC102540T080ATB | 80-BW | 2.5 mm | \$90.59 | HE102040T090ATB | $90-\mathrm{BW}$ | 2.0 mm | \$83.98 |
| HA102540T090ATB | 90-BW | 2.5 mm | \$90.59 | HC102040T090ATB | 90-BW | 2.0 mm | \$83.98 | HE102540T090ATB | 90-BW | 2.5 mm | \$90.59 |
| HA102040T100ATB | 100-BW | 2.0 mm | \$83.98 | HC102540T090ATB | $90-\mathrm{BW}$ | 2.5 mm | \$90.59 | HE102040T100ATB | 100-BW | 2.0 mm | \$83.98 |
| HA102540T100ATB | 100-BW | 2.5 mm | \$90.59 | HC102040T100ATB | 100-BW | 2.0 mm | \$83.98 | HE102540T100ATB | 100-BW | 2.5 mm | \$90.59 |
| HA102040T120ATB | 120-BW | 2.0 mm | \$83.98 | HC102540T100ATB | 100-BW | 2.5 mm | \$90.59 | HE102040T120ATB | 120-BW | 2.0 mm | \$83.98 |
| HA102540T120ATB | 120-BW | 2.5 mm | \$90.59 | HC102040T120ATB | 120-BW | 2.0 mm | \$83.98 | HE102540T120ATB | 120-BW | 2.5 mm | \$90.59 |
| HA102040T140ATB | 140-BW | 2.0 mm | \$83.98 | HC102540T120ATB | 120-BW | 2.5 mm | \$90.59 | HE102040T140ATB | 140-BW | 2.0 mm | \$83.98 |
| HA102540T140ATB | 140-BW | 2.5 mm | \$90.59 | HC102040T140ATB | 140-BW | 2.0 mm | \$83.98 | HE102540T140ATB | 140-BW | 2.5 mm | \$90.59 |
| HA102040T160ATB | 160-BW | 2.0 mm | \$83.98 | HC102540T140ATB | 140-BW | 2.5 mm | \$90.59 | HE102040T160ATB | 160-BW | 2.0 mm | \$83.98 |
| HA102540T160ATB | 160-BW | 2.5 mm | \$90.59 | HC102040T160ATB | 160-BW | 2.0 mm | \$83.98 | HE102540T160ATB | 160-BW | 2.5 mm | \$90.59 |
| HA102040T180ATB | 180-BW | 2.0 mm | \$83.9 | HC102540T160ATB | 160-BW | 2.5 m | \$90.59 | HE102040T180ATB | 180-BW | 2.0 mm | \$83.98 |
| HA102540T180ATB | 180-BW | 2.5 mm | \$90.5 | HC102040T180ATB | 180-BW | 2.0 mm | \$83.98 | HE102540T180ATB | 180-BW | 2.5 mm | \$90.59 |
| 250 mm Diameter, 40 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | C102540T180ATB | 0-BW | mm | 90.5 | 250 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 250 mm Diameter, 40 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |  |  |  |  |  |  |  |
| Tool No. | Tooth Pattern |  | Price |  |  |  |  |  |  |  |  |
|  |  |  |  | ool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| HA102040T060TC | C | 40 mm | \$83.98 |  |  |  |  | HE102040T060TC |  | 2.0 mm | \$83.98 |
| HA102540T060TC | 60C | 40 mm | \$90. | HC102040T060TC |  | 2.0 mm | \$83.98 | HE102540T060TC | 60C | 2.5 mm | \$90.59 |
| HA102040T070TC | 70-C | 40 mm | \$83.98 | HC102540T060TC | 60C | 2.5 mm | \$90.59 HE102040T070TC |  | 70-C | 2.0 mm | \$83.98 |
| HA102540T070TC | 70-C | 40 mm | \$90.59 | HC102040T070TC | 70-C | 2.0 mm | \$83.98 HE102540T070TC |  | 70-C | 2.5 mm | \$90.59 |
| HA102040T080TC | $80-\mathrm{C}$ | 40 mm | \$83.98 | HC102540T070TC | 70-C | 2.5 mm | \$90.59 HE102040T080TC |  | $80-\mathrm{C}$ | 2.0 mm | \$83.98 |
| HA102540T080TC | 80-C | 40 mm | \$90.59 | HC102040T080TC | 80-C | 2.0 mm | \$83.98 HE102540T080TC |  | $80-\mathrm{C}$ |  | \$90.59 |
| HA102040T090TC | 90-C | 40 mm | \$83.98 | HC102540T080TC | 80-C | 2.5 mm | \$90.59 HE102040T090TC |  | 90-C | 2.0 mm | \$83.98 |
| HA102540T090TC | 90-C | 40 mm | \$90.59 | HC102040T090TC | $90-\mathrm{C}$ | 2.0 mm | \$83.98 HE102540T090TC |  | 90-C | 2.5 mm | \$90.59$\$ 83.98$ |
| HA102040T100TC | 100-C | 40 mm | \$83.98 | HC102540T090TC | 90-C | 2.5 mm | \$90.59 HE102040T100TC |  | 100-C | 2.0 mm |  |
| HA102540T100TC | 100-C | 40 mm | \$90.59 | HC102040T100TC | 100-C | 2.0 mm | \$83.98 HE102540T100TC |  | 100-C | 2.5 mm | \$90.59\$83.98 |
| HA102040T120TC | 120-C | 40 mm | \$83.98 | HC102540T100TC | 100-C | 2.5 mm | \$90.59 HE102040T120TC |  | 120-C | 2.0 mm |  |
| HA102540T120TC | 120-C | 40 mm | \$90.59 | HC102040T120TC | 120-C | 2.0 mm | $\begin{aligned} & \$ 83.98 \\ & \$ 90.59 \end{aligned}$ | HE102540T120TC | 120-C | 2.5 mm | \$83.98 |
| HA102040T140TC | 140-C | 40 mm | \$83.98 | HC102540T120TC | 120-C | 2.5 mm |  | HE102040T140TC | 140-C |  | \$83.98 |
| HA102540T140TC | 140-C | 40 mm | \$90.59 | HC102040T140TC | 140-C | 2.0 mm | \$83.98 | HE102540T140TC | 140-C | $\begin{aligned} & 2.0 \mathrm{~mm} \\ & 2.5 \mathrm{~mm} \end{aligned}$ | \$90.59 |
| HA102040T160TC | 160-C | 40 mm | \$83.98 | HC102540T140TC | 140-C | 2.5 mm | $\begin{aligned} & \$ 90.59 \\ & \$ 83.98 \end{aligned}$ | HE102040T160TC | 160-C | 2.0 mm | \$83.98 |
| HA102540T160TC | 160-C | 40 mm | \$90.59 | HC102040T160TC | 160-C | 2.0 mm |  | HE102540T160TC <br> HE102040T180TC | 160-C | 2.5 mm | $\begin{aligned} & \$ 90.59 \\ & \$ 83.98 \end{aligned}$ |
| HA102040T180TC | 180-C | 40 mm | \$83.98 | HC102540T160TC | 160-C | 2.5 mm | $\$ 90.59$ |  | 180-C | 2.0 mm |  |
| HA102540T180TC | 180-C | 40 mm | \$90.59 | HC102040T180TC | 180-C | 2.0 mm |  | HE102540T180TC | 180-C | 2.5 mm | \$90.59 |
|  |  |  |  | HC102540T180TC | 180-C | 2.5 mm | \$90.59 |  |  |  |  |


| $\begin{array}{r} 275 \mathrm{~mm} \text { Di } \\ \text { For Cutting Non- } \end{array}$ | ter, OUS | al P |  | 275mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 275 mm Diameter, 32mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine |  |  |  | It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine |  |  |  | It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine. |  |  |  |
| HA112032T060ATB | 60-BW | 2.0 mm | \$96.48 | Tool No. | Pattern | Thickness | ric | B | 60-BW | 2.0 mm | \$96.48 |
| HA112532T060АТВ | W | 2.5 mm | 0 |  | W | 2.0 mm | 96.48 | HE112532T060ATB | 60-BW | m | 33 |
| HA112032T070АTB | 70-BW | 2.0 mm | \$96.48 | HC112532T060ATB | 60-BW | 2.5 mm | 103.83 | HE112032T070ATB | 70-BW | 2.0 mm | \$96.48 |
| HA112532T070ATB | 70-BW | 2.5 mm | \$103.83 | HC112032T070ATB | 70-BW | 2.0 mm | \$96.48 | HE112532T070ATB | 70-BW | 2.5 mm | \$103.83 |
| 32T080ATB | 80-BW | 2.0 mm | \$96 | HC112532F070АTB | 70-BW | 2.5 mm | \$103.83 | HE112032T080ATB | 80-BW | 2.0 mm | \$96.48 |
| HA112532T080ATB | 80-BW | . 5 mm | \$103.83 | HC112032T080ATB | 80-BW | 2.0 mm | \$96.48 | HE112532T080ATB | 80-BW | .5mm | 103.83 |
| HA112032T090ATB | 90-BW | 2.0 mm | \$96.48 | HC112532T080ATB | 80-BW | 2.5 mm | \$103.83 | HE112032T090ATB | 90-BW | 2.0 mm | \$96.48 |
| НА112532T090АТВ | 90-BW | 2.5 mm | \$103.83 | HC112032T090ATB | 90-BW | 2.0 mm | \$96.48 | TB | 90-BW | 2.5 mm | \$103.83 |
|  | 100-BW | 2.0 m | \$96.48 | HC112532T090АТВ | 90-BW | 2.5 mm | \$103.83 | HE112032T100ATB | 00-BW | 2.0 mm | \$96.48 |
| HA112532T100ATB | 100-BW | 2.5 mm | \$103.83 | HC112032T100ATB | 100-BW | 2.0 mm | \$96.48 | HE112532T100ATB | 100-BW | 2.5 mm | \$103.83 |
| HA112032T120ATB | 120-BW | 2.0 mm | \$96.48 | HC112532T100ATB | 100-BW | 2.5 mm | \$103.83 | HE112032T120ATB | 120-BW | 2.0 mm | \$96.48 |
| H | 120-BW | 2.5 | \$103.83 | HC112032T120ATB | 120-BW | 2.0 mm | \$96.48 | H | N | 2.5 mm | 103.83 |
| HA112032T140ATB | 140-BW | 2.0 m | \$96.48 | HC112532T120ATB | 120-BW | 2.5 mm | \$103.83 | HE112032T140ATB | 40-BW | 2.0 mm | \$96.48 |
| HA112532T140ATB | 140-BW | 2.5 mm | \$103.83 | HC112032T140ATB | 140-BW | 2.0 mm | \$96.48 | HE112532T140ATB | 140-BW | 2.5 mm | \$103.83 |
| HA112032T160ATB | 160-BW | 2.0 mm | \$96.48 | HC | 140-BW | 2.5 mm | \$103.83 | HE112032T160ATB | 160-BW | 2.0 mm | \$96.48 |
| - | 160-BW | 2.5 m | 103.83 | HC112032T160ATB | 160-BW | 2.0 mm | \$96.48 | H | -BW | . 5 mm | 103.83 |
| HA112032T180ATB | 180-BW | 2.0 mm | \$96.48 | HC112532T160ATB | 160-BW | 2.5 mm | \$103.83 | HE112032T180ATB | 180-BW | 2.0 mm | \$96.48 |
| HA112532T180ATB | 180-BW | 2.5 mm | \$103.83 | HC112032T180ATB | 180-BW | 2.0 mm | \$96.48 | HE112532T180ATB | 180-BW | 2.5 mm | \$103.83 |
| H | WW | 2.0 | \$96.48 | H | 180-BW | 2.5 mm | \$103.83 | H | 200-BW | I | \$96.48 |
| HA112532T200ATB | 200-BW | 2.5 mm | \$103.83 | HC112032T200ATB | 200-BW | 2.0 mm | \$96.48 | HE112532T200ATB | 200-BW | 2.5 mm | 3 |
| 275mm Diameter, 32mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | HC112532T200ATB | 200-BW | 2.5 mm | 103 | 275mm Diameter, 32mm Bore <br> For Cutting Stainless Steel <br> Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 275mm Diameter, 32mm Bore <br> For Cutting Ferrous Metal, Mild Steel |  |  |  |  |  |  |  |
| It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine. |  |  |  | It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine. |  |  |  | It comes with additional 4/9/50 pin holes so it also fits Kasto/Wagner cold saw machine. |  |  |  |
| HA112032T060TC* | 60C | 2.0 | \$96.48 | Tool N | Tooth Pattern | hickness | Price | HE112032T060TC | 0- | 2.0 mm | \$96.48 |
| HA112532T060TC* | 60C | 2.5 mm | 103.83 | HC112032T060TC | 60C | 2.0 mm | \$96.48 | 2 T 060 TC | 60C | 2.5 mm | \$103.83 |
| HA112032T070TC* | 70-C | 2.0 mm | \$96.48 | HC112532T060TC | 60C | 2.5 mm | \$103.83 | HE112032T070TC | 70-C | 2.0 mm | \$96.48 |
| HA112532T070TC* | 70-C | 2.5 mm | \$103.83 | HC112032T070TC | 70-C | 2.0 mm | \$96.48 | HE112532T070TC | 70-C | 2.5 mm | \$103.83 |
| HA112032T080TC* | 80-C | 2.0 mm | \$96 | HC112532T070TC | 70-C | 2.5 mm | \$103.83 | HE112032T080TC | 80-C | 2.0 mm | \$96.48 |
| HA112532T080TC* | 80-C | 2.5 mm | \$103.83 | HC112032T080TC | 80-C | 2.0 mm | \$96.48 | HE112532T080TC | 80-C | 2.5 mm | \$103.83 |
| HA112032T090TC* | 90-C | 2.0 mm | \$96.48 | HC112532T080TC | 80-C | 2.5 mm | \$103.83 | HE112032T090TC | 90-C | 2.0 mm | \$96.48 |
| HA112532T090TC* | 90-C | 2.5 mm | \$103.83 | HC112032T090TC | 90-C | 2.0 mm | \$96.48 | HE112532T090TC | 90-C | 2.5 mm | \$103.83 |
| HA112032T100TC* | 100-C | 2.0 mm | \$96.48 | HC112532T090TC | 90-C | 2.5 mm | \$103.83 | 112032T100TC | 100-C | 2.0 mm | \$96.48 |
| HA112532T100TC* | 100-C | 2.5 mm | \$103.83 | HC112032T100TC | 100-C | 2.0 mm | \$96.48 | HE112532T100TC | 100-C | 2.5 mm | \$103.83 |
| HA112032T120TC* | 120-C | 2.0 mm | \$96.48 | HC112532T100TC | 100-C | 2.5 mm | \$103.83 | HE112032T120TC | 120-C | 2.0 mm | \$96.48 |
| HA112532T120TC* | 120-C | 2.5 mm | \$103.83 | HC112032T120TC | 120-C | 2.0 mm | \$96.48 | HE112532T120TC | 120-C | 2.5 mm | \$103.83 |
| HA112032T140TC* | 140-C | 2.0 mm | \$96.48 | HC112532T120TC | 120-C | 2.5 mm | \$103.83 | HE112032T140TC | 140-C | 2.0 mm | \$96.48 |
| HA112532T140TC* | 140-C | 2.5 mm | \$103.83 | HC112032T140TC | 140-C | 2.0 mm | \$96.48 | HE112532T140TC | 140-C | 2.5 mm | \$103.83 |
| HA112032T160TC* | 160-C | 2.0 mm | \$96.48 | HC112532T140TC | 140-C | 2.5 mm | \$103.83 | HE112032T160TC | 160-C | 2.0 mm | \$96.48 |
| HA112532T160TC* | 160-C | 2.5 mm | \$103.83 | HC112032T160TC | 160-C | 2.0 mm | \$96.48 | HE112532T160TC | 160-C | 2.5 mm | \$103.83 |
| HA112032T180TC* | 180-C | 2.0 mm | \$96.48 | HC112532T160TC | 160-C | 2.5 mm | \$103.83 | HE112032T180TC | 180-C | 2.0 mm | \$96.48 |
| HA112532T180TC* | 180-C | 2.5 mm | \$103.83 | HC112032T180TC | 180-C | 2.0 mm | \$96.48 | HE112532T180TC | 180-C | 2.5 mm | \$103.83 |
| HA112032T200TC* | 200-C | 2.0 mm | \$96.48 | HC112532T180TC | 180-C | 2.5 mm | \$103.83 | HE112032T200TC | 200-C | 2.0 mm | \$96.48 |
| HA112532T200TC* | 200-C | 2.5 mm | \$103.83 | HC112032T200TC | 200-C | 2.0 mm | \$96.48 | HE112532T200TC | 200-C | 2.5 mm | \$103.83 |
|  |  |  |  | HC112532T200TC | 200-C | 2.5 mm | \$103.83 |  |  |  |  |


| 275 mm Diameter, 40 mm Bore <br> For Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 275 mm Diameter, 40 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 275 mm Diameter, 40 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Tool | Tooth Pattern | Thickness | Price |
| oo | Pattern | s |  |  | Tooth <br> Pattern | Thickness | Price |  |  |  |  |
| HA112040T060ATB | 60-BW | 2.0 mm | \$96.48 |  |  |  |  | 12040T060ATB | 60-BW | 2.0 mm | \$96.48 |
| HA112540T060ATB | 60-BW | 2.5 mm | \$103.83 | HC112040T060ATB | 60-BW | 2.0 mm | \$96.48 | HE112540T060ATB* | 60-BW | 2.5 mm | \$103.83 |
| HA112040T070ATB | 70-BW | 2.0 mm | \$96.48 | HC112540T060ATB | 60-BW | . 5 mm | \$103.83 | HE112040T070ATB* | 70-BW | 2.0 mm | \$96.48 |
| HA112540T070ATB | 70-BW | 2.5 mm | \$103.83 | HC112040T070ATB | 70-BW | 2.0 mm | \$96.48 | HE112540T070ATB* | 70-BW | 2.5 mm | \$103.83 |
| HA112040T080ATB | 80-BW | 2.0 mm | \$96.48 | HC112540T070ATB | 70-BW | 2.5 mm | \$103.83 | HE112040T080ATB* | 80-BW | 2.0 mm | \$96.48 |
| HA112540T080ATB | 80-BW | 2.5 mm | \$103.83 | HC112040T080ATB | 80-BW | 2.0 mm | \$96.48 | HE112540T080ATB* | 80-BW | 2.5 mm | \$103.83 |
| HA112040T090ATB | 90-BW | 2.0 mm | \$96.48 | HC112540T080ATB | 80-BW | 2.5 mm | \$103.83 | HE112040T090ATB* | 90-BW | 2.0 mm | \$96.48 |
| HA112540T090ATB | 90-BW | 2.5 mm | \$103.83 | HC112040T090ATB | 90-BW | 2.0 mm | \$96.48 | HE112540T090ATB* | 90-BW | 2.5 mm | \$103.83 |
| HA112040T100ATB | 100-BW | 2.0 mm |  | HC112540T090ATB | 90-BW | 2.5 mm | \$103.83 | HE112040T100ATB* | 100-BW | 2.0 mm | \$96.48 |
| HA112540T100ATB | 100-BW | 2.5 mm | \$103.8 | HC112040T100ATB | 100-BW | 2.0 mm | \$96.48 | HE112540T100ATB* | 100-BW | 2.5 mm | \$103.83 |
| HA112040T120ATB | 120-BW | 2.0 mm | \$96.48 | HC112540T100ATB | 100-BW | 2.5 mm | \$103.83 | HE112040T120ATB* | 120-BW | 2.0 mm | \$96.48 |
| HA112540T120ATB | 120-BW | 2.5 mm | \$103.83 | HC112040T120ATB | 120-BW | 2.0 mm | \$96.48 | HE112540T120ATB* | 120-BW | 2.5 mm | \$103.83 |
| HA112040T140ATB | 140-BW | 2.0 mm | \$96.48 | HC112540T120ATB | 120-BW | 2.5 mm | \$103.83 | HE112040T140ATB* | 140-BW | 2.0 mm | \$96.48 |
| HA112540T140ATB | 140-BW | 2.5 mm | \$103.83 | HC112040T140ATB | 140-BW | 2.0 mm | \$96.48 | HE112540T140ATB* | 140-BW | 2.5 mm | \$103.83 |
| HA112040T160ATB | 160-BW | 2.0 mm | \$96.48 | HC112540T140ATB | 140-BW | 2.5 mm | \$103.83 | HE112040T160ATB* | 160-BW | 2.0 mm | \$96.48 |
| HA112540T160ATB | 160-BW | 2.5 mm | \$103.83 | HC112040T160ATB | 160-BW | 2.0 mm | \$96.48 | HE112540T160ATB* | 160-BW | 2.5 mm | \$103.83 |
| HA112040T180ATB | 180-BW | 2.0 mm | \$96.48 | HC112540T160ATB | 160-BW | 2.5 mm | \$103.83 | HE112040T180ATB* | 180-BW | 2.0 mm | \$96.48 |
| HA112540T180ATB | 180-BW | 2.5 mm | \$103.83 | HC112040T180ATB | 180-BW | 2.0 mm | \$96.48 | HE112540T180ATB* | 180-BW | 2.5 mm | \$103.83 |
| HA112040T200ATB | 200-BW | 2.0 mm | \$96.48 | HC112540T180ATB | 180-BW | . 5 mm | \$103.83 | HE112040T200ATB* | 200-BW | 2.0 mm | \$96.48 |
| HA112540T200ATB | 200-BW | 2.5 mm | \$103.83 | HC112040T200ATB | 200-BW | 2.0 mm | \$96.48 | HE112540T200ATB* | 200-BW | 2.5 mm | \$103.83 |
| 275 mm Diameter, 40 mm Bore <br> For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | C112540T200AT | -BW | 2.5 mm | \$103.8 | 275 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 275 mm Diameter, 40 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |  |  |  |  |  |  |  |
| Tool No. |  | Thickness | Price |  |  |  |  |  | Tooth Pattern |  |  |
|  | Tooth Pattern |  |  | ol No. | Tooth Pattern | Thickness | Pric | Tool No. |  | Thickness | Price |
| HA112040T060TC | 60C | 2.0 mm | \$96.48 |  |  |  |  | HE112040T060TC |  | 2.0 mm | \$96.48 |
| HA112540T060TC | 60C | 2.5 mm | \$103.83 | HC112040T060TC | 60C | 2.0 mm | \$96.48 |  | 60C | 2.5 mm | \$103.83 |
| HA112040T070TC | 70-C | 2.0 mm | \$96.48 HC112540T060TC |  | 60C | 2.5 mm | \$103.83 | HE112040T070TC | 70-C | 2.0 mm | \$96.48 |
| HA112540T070TC | 70-C | 2.5 mm | \$103.83 HC112040T070TC |  | 70-C | 2.0 mm | \$96.48 | HE112540T070TC | 70-C | 2.5 mm | \$103.83 |
| HA112040T080TC | 80-C | 2.0 mm | \$96.48 HC112540T070TC |  | 70-C | 2.5 mm | \$103.83 | HE112040T080TC | 80-C | 2.0 mm | \$96.48 |
| HA112540T080TC | 80-C | 2.5 mm | \$103.83 HC112040T080TC |  | 80-C | 2.0 mm | \$96.48 | HE112540T080TC | 80-C | 2.5 mm | \$103.83 |
| HA112040T090TC | 90-C | 2.0 mm | \$96.48 HC112540T080TC |  | 80-C | 2.5 mm | \$103.83 | HE112040T090TC | 90-C | 2.0 mm | \$96.48 |
| HA112540T090TC | 90-C | 2.5 mm | \$103.83 HC112040T090TC |  | 90-C | 2.0 mm | \$96.48 | HE112540T090TC | 90-C | 2.5 mm | \$103.83 |
| HA112040T100TC | 100-C | 2.0 mm | \$96.48 HC112540T090TC |  | 90-C | 2.5 mm | \$103.83 | HE112040T100TC | 100-C | 2.0 mm | \$96.48 |
| HA112540T100TC | 100-C | 2.5 mm | \$103.83 HC112040T100TC |  | 100-C | 2.0 mm | \$96.48 | HE112540T100TC | 100-C | 2.5 mm | \$103.83 |
| HA112040T120TC | 120-C | 2.0 mm | \$96.48 HC112540T100TC |  | 100-C | 2.5 mm | \$103.83 | HE112040T120TC | 120-C | 2.0 mm | \$96.48 |
| HA112540T120TC | 120-C | 2.5 mm | \$103.83 HC112040T120TC |  | 120-C | 2.0 mm | \$96.48 | HE112540T120TC | 120-C | 2.5 mm | \$103.83 |
| HA112040T140TC | 140-C | 2.0 mm | \$96.48 HC112540T120TC |  | 120-C | 2.5 mm | \$103.83 | HE112040T140TC | 140-C | 2.0 mm | \$96.48 |
| HA112540T140TC | 140-C | 2.5 mm | \$103.83 HC112040T140TC |  | 140-C | 2.0 mm | \$96.48 | HE112540T140TC | 140-C | 2.5 mm | \$103.83 |
| HA112040T160TC | 160-C | 2.0 mm | \$96.48 HC112540T140TC |  | 140-C | 2.5 mm | \$103.83 | HE112040T160TC | 160-C | 2.0 mm | \$96.48 |
| HA112540T160TC | 160-C | 2.5 mm | \$103.83 HC112040T160TC |  | 160-C | 2.0 mm | \$96.48 | HE112540T160TC | 160-C | 2.5 mm | \$103.83 |
| HA112040T180TC | 180-C | 2.0 mm | \$96.48 HC112540T160TC |  | 160-C | 2.5 mm | \$103.83 | HE112040T180TC | 180-C | 2.0 mm | \$96.48 |
| HA112540T180TC | 180-C | 2.5 mm | \$103.83 HC112040T180TC |  | 180-C | 2.0 mm | \$96.48 | HE112540T180TC | 180-C | 2.5 mm | \$103.83 |
| HA112040T200TC | 200-C | 2.0 mm | \$96.48 HC112540T180TC |  | 180-C | 2.5 mm | \$103.83 | HE112040T200TC | 200-C | 2.0 mm | \$96.48 |
| HA112540T200TC | 200-C | 2.5 mm | \$103.83 HC112040T200TC |  | 180-C | 2.0 mm | \$96.48 | HE112540T200TC | 200-C | 2.5 mm | \$103.83 |
|  |  |  |  | HC112540T200TC | 180-C | 2.5 mm | \$103.83 |  |  |  |  |


| 300 mm Diameter, 32mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 300 mm Diameter, 32 mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 300 mm Diameter, 38 mm Bore <br> For Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness Price |  |
| HA122532T080ATB | 80-BW | 2.5 mm | \$126.18 |  |  |  |  | A122538T080ATB | 80-BW | 2.5 mm | \$132.51 |
| HA122532T090ATB | 90-BW | 2.5 mm | \$126.18 | HC122532T080TC | 80-C | 2.5 mm | \$126.18 | HA122538T090ATB | 90-BW | 2.5 mm | \$132.51 |
| HA122532T100ATB | 100-BW | 2.5 mm | \$126.18 | HC122532T090TC | 90-C | 2.5 mm | \$126.18 | HA122538T100ATB | 100-BW | 2.5 mm | \$132.51 |
| HA122532T120ATB | 120-BW | 2.5 mm | \$126.18 | HC122532T100TC | 100-C | 2.5 mm | \$126.18 | HA122538T120ATB | 120-BW | 2.5 mm | \$132.51 |
| HA122532T140ATB | 140-BW | 2.5 mm | \$126.18 | HC122532T120TC | 120-C | 2.5 mm | \$126.18 | HA122538T140ATB | 140-BW | 2.5 mm | \$132.51 |
| HA122532T160ATB | 160-BW | 2.5 mm | \$126.18 | HC122532T140TC | 140-C | 2.5 mm | \$126.18 | HA122538T160ATB | 160-BW | 2.5 mm | \$132.51 |
| HA122532T180ATB | 180-BW | 2.5 mm | \$126.18 | HC122532T160TC | 160-C | 2.5 mm | \$126.18 | HA122538T180ATB | 180-BW | 2.5 mm | \$132.51 |
| HA122532T200ATB | 200-BW | 2.5 mm | \$126.18 | HC122532T180TC | 180-C | 2.5 mm | \$126.18 | HA122538T200ATB | 200-BW | 2.5 mm | \$132.51 |
| HA122532T220ATB | 220-BW | 2.5 mm | \$126.18 | HC122532T200TC | 200-C | 2.5 mm | \$126.18 | HA122538T220ATB | 220-BW | 2.5 mm | \$132.51 |
| HA122532T240ATB | 240-BW | 2.5 mm | \$126.18 | HC122532T220TC | 220-C | 2.5 mm | \$126.18 | HA122538T240ATB | 240-BW | 2.5 mm | \$132.51 |
| HA122532T260ATB | 260-BW | 2.5 mm | \$126.18 | HC122532T240TC | 240-C | 2.5 mm | \$126.18 | HA122538T260ATB | 260-BW | 2.5 mm | \$132.51 |
| HA122532T280ATB | 280-BW | 2.5 mm | \$126.18 | HC122532T260TC | 260-C | 2.5 mm | \$126.18 | HA122538T280ATB | 280-BW | 2.5 mm | \$132.51 |
| HА122532T300АТВ | 300-BW | 2.5 mm | \$126.18 | HC122532T280TC | 280-C | 2.5 mm | \$126.18 | HA122538T300ATB | 300-BW | 2.5 mm | \$132.51 |
| 300 mm Diameter, 32 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | HC122532T300TC | 300-C | 2.5 mm | \$126 | 300 mm Diameter, 38 mm Bore <br> For Cutting Non-Ferrous Metal <br> Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 300 mm Diameter, 32 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  |
| Tool No. | Tooth <br> Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
|  |  |  |  | HE122532T080ATB | 80-BW | 2.5 mm | \$126.18 | A122538T080TC | 80-C | 2.5 mm | \$132.51 |
| HA122532T080TC | 80-C | 2.5 mm | \$126.18 | HE122532T090ATB | 90-BW | 2.5 mm | \$126.18 | HA122538T090TC | 90-C | 2.5 mm | \$132.51 |
| HA122532T090TC | 90-C | 2.5 mm | \$126.18 | HE122532T100ATB | 100-BW | 2.5 mm | \$126.18 | HA122538T100TC | 100-C | 2.5 mm | \$132.51 |
| HA122532T100TC | 100-C | 2.5 mm | \$126.18 | HE122532T120ATB | 120-BW | 2.5 mm | \$126.18 | HA122538T120TC | 120-C | 2.5 mm | \$132.51 |
| HA122532T120TC | 120-C | 2.5 mm | \$126.18 | HE122532T140ATB | 140-BW | 2.5 mm | \$126.18 | HA122538T140TC | 140-C | 2.5 mm | \$132.51 |
| HA122532T140TC | 140-C | 2.5 mm | \$126.18 | HE122532T160ATB | 160-BW | 2.5 mm | \$126.18 | HA122538T160TC | 160-C | 2.5 mm | \$132.51 |
| HA122532T160TC | 160-C | 2.5 mm | \$126.18 | HE122532T180ATB | 180-BW | 2.5 mm | \$126.18 | HA122538T180TC | 180-C | 2.5 mm | \$132.51 |
| HA122532T180TC | 180-C | 2.5 mm | \$126.18 | HE122532T200ATB | 200-BW | 2.5 mm | \$126.18 | HA122538T200TC | 200-C | 2.5 mm | \$132.51 |
| HA122532T200TC | 200-C | 2.5 mm | \$126.18 | HE122532T220ATB | 220-BW | 2.5 mm | \$126.18 | HA122538T220TC | 220-C | 2.5 mm | \$132.51 |
| HA122532T220TC | 220-C | 2.5 mm | \$126.18 | HE122532T240ATB | 240-BW | 2.5 mm | \$126.18 | HA122538T240TC | 240-C | 2.5 mm | \$132.51 |
| HA122532T240TC | 240-C | 2.5 mm | \$126.18 | HE122532T260ATB | 260-BW | 2.5 mm | \$126.18 | HA122538T260TC | 260-C | 2.5 mm | \$132.51 |
| HA122532T260TC | 260-C | 2.5 mm | \$126.18 | HE122532T280ATB | 280-BW | 2.5 mm | \$126.18 | HA122538T280TC | 280-C | 2.5 mm | \$132.51 |
| HA122532T280TC | 280-C | 2.5 mm | \$126.18 | HE122532T300ATB | 300-BW | 2.5 mm | \$126.18 | HA122538T300TC | 300-C | 2.5 mm | \$132.51 |
| HA122532T300TC | 300-C | 2.5 mm | \$126.18 |  |  |  |  |  |  |  |  |
| 300 mm Diameter, 32mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 300 mm Diameter, 32 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 300 mm Diameter, 38 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  |
| Tool No. | Tooth <br> Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness Price |  | Tool No. | Tooth Pattern | Thickness | Price |
| HC122532T080ATB | 80-BW | 2.5 mm | \$126.18 | HE122532T080TC | 80-C | 2.5 mm | \$126.18 | 387080ATB | 80-BW | 2.5 mm 2.5 mm | \$132.51 $\$ 132.51$ |
| HC122532T090ATB | 90-BW | 2.5 mm | \$126.18 | HE122532T090TC | 90-C | 2.5 mm | \$126.18 |  | $\begin{aligned} & \text { 90-BW } \\ & \text { 100-BW } \end{aligned}$ | $\begin{aligned} & 2.5 \mathrm{~mm} \\ & 2.5 \mathrm{~mm} \end{aligned}$ | \$132.51 |
| HC122532T100ATB | 100-BW | 2.5 mm | \$126.18 | HE122532T100TC | 100-C | 2.5 mm | \$126.18 | HC122538T120ATB | 120-BW | 2.5 mm | \$132.51 |
| HC122532T120ATB | 120-BW | 2.5 mm | \$126.18 | HE122532T120TC | 120-C | 2.5 mm | \$126.18 | HC122538T140ATB | 140-BW | 2.5 mm | \$132.51 |
| HC122532T140ATB | 140-BW | 2.5 mm | \$126.18 | HE122532T140TC | 140-C | 2.5 mm | \$126.18 | HC122538T160ATB | 160-BW | 2.5 mm | \$132.51 |
| HC122532T160ATB | 160-BW | 2.5 mm | \$126.18 | HE122532T160TC | 160-C | 2.5 mm | \$126.18 | HC122538T180ATB | 180-BW | 2.5 mm | \$132.51 |
| HC122532T180ATB | 180-BW | 2.5 mm | \$126.18 | HE122532T180TC | 180-C | 2.5 mm | \$126.18 | HC122538T200ATB | 200-BW | 2.5 mm | \$132.51 |
| HC122532T200ATB | 200-BW | 2.5 mm | \$126.18 | HE122532T200TC | 200-C | 2.5 mm | \$126.18 | HC122538T220ATB | 220-BW | 2.5 mm | \$132.51 |
| HC122532T220ATB | 220-BW | 2.5 mm | \$126.18 | HE122532T220TC | 220-C | 2.5 mm | \$126.18 | HC122538T240ATB | 240-BW | 2.5 mm | \$132.51 |
| HC122532T240ATB | 240-BW | 2.5 mm | \$126.18 | HE122532T240TC | 240-C | 2.5 mm | \$126.18 | HC122538T260ATB | 260-BW | 2.5 mm | \$132.51 |
| HC122532T260ATB | 260-BW | 2.5 mm | \$126.18 | HE122532T260TC | 260-C | 2.5 mm | \$126.18 | HC122538T280ATB | 280-BW | 2.5 mm | \$132.51 |
| HC122532T280ATB | 280-BW | 2.5 mm | \$126.18 | HE122532T280TC | 280-C | 2.5 mm | \$126.18 | HC122538T300ATB | 300-BW | 2.5 mm | \$132.51 |
| НС122532T300ATB | 300-BW | 2.5 mm | \$126.18 | HE122532T300TC | 300-C | 2.5 mm | \$126.18 |  |  |  |  |


| 300 mm Diameter, 38 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 300 mm Diameter, 40 mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 300 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | To | Pattern | Thickness |  |  |  |  |  |
|  | rn |  |  | 22540T080ATB | 80-BW | 2.5 mm | \$126.18 |  | Pattern |  |  |
| HC122538T080TC | 80-C | 2.5 mm | \$132.51 | HA122540T090ATB | 90-BW | 2.5 mm | \$126. | 22540T080TC | 80-C | 2.5 mm | \$126.18 |
| HC122538T090TC | 90-C | 2.5 mm | \$132.51 | HA122540T100ATB | 100-BW | 2.5 mm | \$126.18 | HC122540T090TC | 90-C | 2.5 mm | \$126.18 |
| HC122538T100TC | 100-C | 2.5 mm | \$132.51 | HA122540T120ATB | 120-BW | 2.5 mm | \$126.18 | HC122540T100TC | 100-C | 2.5 mm | \$126.18 |
| HC122538T120TC | 120-C | 2.5 mm | \$132.51 | HA122540T140ATB | 140-BW | 2.5 mm | \$126.18 | HC122540T120TC | 120-C | 2.5 mm | \$126.18 |
| HC122538T140TC | 140-C | 2.5 mm | \$132.51 | HA122540T160ATB | 160-BW | 2.5 mm | \$126.18 | HC122540T140TC | 140-C | 2.5 mm | \$126.18 |
| HC122538T160TC | 160-C | 2.5 mm | \$132.51 | HA122540T180ATB | 180-BW | 2.5 mm | \$126.18 | HC122540T160TC | 160-C | 2.5 mm | \$126.18 |
| HC122538T180TC | 180-C | 2.5 mm | \$132.51 | HA122540T200ATB | 200-BW | 2.5 mm | \$126.18 | HC122540T180TC | 180-C | 2.5 mm | \$126.18 |
| HC122538T200TC | 200-C | 2.5 mm | \$132.51 | HA122540T220ATB | 220-BW | 2.5 mm | \$126.18 | HC122540T200TC | 200-C | 2.5 mm | \$126.18 |
| HC122538T220TC | 220-C | 2.5 mm | \$132.51 | HA122540T240ATB | 240-BW | 2.5 mm | \$126.18 | HC122540T220TC | 220-C | 2.5 mm | \$126.18 |
| HC122538T240TC | 240-C | 2.5 mm | \$132.51 | HA122540T260ATB | 260-BW | 2.5 mm | \$126.18 | HC122540T240TC | 240-C | 2.5 mm | \$126.18 |
| HC122538T260TC | 260-C | 2.5 mm | \$132.51 | HA122540T280ATB | 280-BW | 2.5 mm | \$126.18 | HC122540T260TC | 260-C | 2.5 mm | \$126.18 |
| HC122538T280TC | 280-C | 2.5 mm | \$132.51 | HA122540T300ATB | 300-BW | 2.5 mm | \$126.18 | HC122540T280TC | 280-C | 2.5 mm | \$126.18 |
| HC122538T300TC | 300-C | 2.5 mm | \$132.51 |  |  |  |  | HC122540T300TC | 300-C | 2.5 mm | \$126.18 |
| 300 mm Diameter, 38 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  | For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | 300 mm Diameter, 40 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| 122538T080ATB | 80-BW | 5mm | \$126. | 22540T080TC | 80-C | 2.5 mm | \$126.18 | HE122540T080ATB | 80-BW | 2.5 mm | \$126.18 |
| HE122538T090ATB | 90-BW | 2.5 mm | \$126.18 | HA122540T090TC | 90-C | 2.5 mm | \$126.18 | HE122540T090ATB | 90-BW | 2.5 mm | \$126.18 |
| HE122538T100ATB | 100-BW | 2.5 mm | \$126.18 | HA122540T100TC | 100-C | 2.5 mm | \$126.18 | HE122540T100ATB | 100-BW | 2.5 mm | \$126.18 |
| HE122538T120ATB | 120-BW | 2.5 mm | \$126.18 | HA122540T120TC | 120-C | 2.5 mm | \$126.18 | HE122540T120ATB | 120-BW | 2.5 mm | \$126.18 |
| HE122538T140ATB | 140-BW | 2.5 mm | \$126.18 | HA122540T140TC | 140-C | 2.5 mm | \$126.18 | HE122540T140ATB | 140-BW | 2.5 mm | \$126.18 |
| HE122538T160ATB | 160-BW | 2.5 mm | \$126.18 | HA122540T160TC | 160-C | 2.5 mm | \$126.18 | HE122540T160ATB | 160-BW | 2.5 mm | \$126.18 |
| HE122538T180ATB | 180-BW | 2.5 mm | \$126.18 | HA122540T180TC | 180-C | 2.5 mm | \$126.18 | HE122540T180ATB | 180-BW | 2.5 mm | \$126.1 |
| HE122538T200ATB | 200-BW | 2.5 mm | \$126.18 | HA122540T200TC | 200-C | 2.5 mm | \$126.18 | HE122540T200ATB | 200-BW | 2.5 mm | \$126.18 |
| HE122538T220ATB | 220-BW | 2.5 mm | \$126.18 | HA122540T220TC | 220-C | 2.5 mm | \$126.18 | HE122540T220ATB | 220-BW | 2.5 mm | \$126.18 |
| HE122538T240ATB | 240-BW | 2.5 mm | \$126.18 | HA122540T240TC | 240-C | 2.5 mm | \$126.18 | HE122540T240ATB | 240-BW | 2.5 mm | \$126.18 |
| HE122538T260ATB | 260-BW | 2.5 mm | \$126.18 | HA122540T260TC | 260-C | 2.5 mm | \$126.18 | HE122540T260ATB | 260-BW | 2.5 mm | \$126.18 |
| HE122538T280ATB | 280-BW | 2.5 mm | \$126.18 | HA122540T280TC | 280-C | 2.5 mm | \$126.18 | HE122540T280ATB | 280-BW | 2.5 mm | \$126.18 |
| HE122538T300ATB | 300-BW | 2.5 mm | \$126.18 | HA122540T300TC | 300-C | 2.5 mm | \$126.18 | HE122540T300ATB | 300-BW | 2.5 mm | \$126.18 |


| 300 mm Diameter, 38 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 300 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 300 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness | Price |
| HE122538T080TC | 80-C | 2.5 mm | \$126. | 122540T080ATB | 80-BW | 2.5 mm | \$126.1 | 122540T080T | 80-C | 2.5 mm | \$126.18 |
| HE122538T090TC | 90-C | 2.5 mm | \$126.18 | HC122540T090ATB | 90-BW | 2.5 mm | \$126.18 | HE122540T090TC | 90-C | 2.5 mm | \$126.18 |
| HE122538T100TC | 100-C | 2.5 mm | \$126.18 | HC122540T100ATB | 100-BW | 2.5 mm | \$126.18 | HE122540T100TC | 100-C | 2.5 mm | \$126.18 |
| HE122538T120TC | 120-C | 2.5 mm | \$126.18 | HC122540T120ATB | 120-BW | 2.5 mm | \$126.18 | HE122540T120TC | 120-C | 2.5 mm | \$126.18 |
| HE122538T140TC | 140-C | 2.5 mm | \$126.18 | HC122540T140ATB | 140-BW | 2.5 mm | \$126.18 | HE122540T140TC | 140-C | 2.5 mm | 126.18 |
| HE122538T160TC | 160-C | 2.5 mm | \$126.18 | HC122540T160ATB | 160-BW | 2.5 mm | \$126.18 | HE122540T160TC | 160-C | 2.5 mm | \$126.18 |
| HE122538T180TC | 180-C | 2.5 mm | \$126.18 | HC122540T180ATB | 180-BW | 2.5 mm | \$126.18 | HE122540T180TC | 180-C | 2.5 mm | \$126.18 |
| HE122538T200TC | 200-C | 2.5 mm | \$126.18 | HC122540T200ATB | 200-BW | 2.5 mm | \$126.18 | HE122540T200TC | 200-C | 2.5 mm | \$126.18 |
| HE122538T220TC | 220-C | 2.5 mm | \$126.18 | HC122540T220ATB | 220-BW | 2.5 mm | \$126.18 | HE122540T220TC | 220-C | 2.5 mm | \$126.18 |
| HE122538T240TC | 240-C | 2.5 mm | \$126.18 | HC122540T240ATB | 240-BW | 2.5 mm | \$126.18 | HE122540T240TC | 240-C | 2.5 mm | \$126.18 |
| HE122538T260TC | 260-C | 2.5 mm | \$126.18 | HC122540T260ATB | 260-BW | 2.5 mm | \$126.18 | HE122540T260TC | 260-C | 2.5 mm | \$126.18 |
| HE122538T280TC | 280-C | 2.5 mm | \$126.18 | HC122540T280ATB | 280-BW | 2.5 mm | \$126.18 | HE122540T280TC | 280-C | 2.5 mm | \$126.18 |
| HE122538T300TC | 300-C | 2.5 mm | \$126.18 | HC122540T300ATB | 300-BW | 2.5 mm | \$126.18 | HE122540T300TC | 300-C | 2.5 mm | \$126.18 |


| 315mm Diameter, 32mm Bore <br> For Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 315 mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 315 mm Diameter, 40 mm Bore <br> For Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Tooth Pattern Bore Price |  |  | Tool No. | Tooth Pattern | Thickness | Price | Tool No. | $\begin{aligned} & \text { Tooth } \\ & \text { Pattern } \end{aligned}$ | Thickness | Price |
| HA12.42532T080ATB <br> HA12.42532T090ATB | $\begin{aligned} & 80-\mathrm{BW} \\ & 90-\mathrm{BW} \end{aligned}$ | 32 mm 32 mm | 1\$140.30 |  |  |  |  |  | Pattern | 2.5 mm s |  |
| HA12.42532T100ATB | 100-BW |  |  | HC12.42532T080TC | -C | 2.5 mm | \$140.30 |  |  | 2.5 mm |  |
| 12.42532T120ATB | 120-BW |  | 140.30 |  | $90-\mathrm{C}$ |  |  | 00A | 100-B | 2.5 mm \$ | \$140.30 |
| HA12.42532T140ATB | 140-BW | N 32 mm | \$140.3 | 12.42532T100TC | 100-C | .5n | \$1 | HA12.42540T120AT | 120-BW | 2.5 mm \$ | 0 |
| HA12.42532T160ATB | 160-BW | W 32mm | \$140.3 | HC12.42532T120TC | 20-C | 2.5 mm | \$140.30 | HA12.42540T140ATB | 140-BW | 2.5 m | \$140.30 |
| HA12.42532T180ATB | 180-BW | W 32mm | 40. | HC12.42532T140TC | 140-C | 2.5 m | \$140. | A | 160-B | 2.5 m |  |
| 12.42532T200ATB | 200-BW |  | , |  | 160-C | . 5 mm |  | HA12.42540T180ATB |  | 2.5 mm |  |
| HA12.42532T220ATB | 220-BW | N 32 mm | \$140.3 | C12.42532T180TC | 180-C | 2.5 mm | \$140 | HA12.42540T200ATB | -B | 5 m | \$140.30 |
| HA12.42532T240ATB | 240-BW | W 32mm | \$140.3 | HC12.42532T200TC | 200-C | 2.5 m | \$140 | HA12.42540T220AT | 220-BW | 2.5 m | \$140.30 |
| 112.42532T260ATB | 260-BW | W 32mm | 140 | HC12.42532T220TC | $220-\mathrm{C}$ | 2.5 m | \$140 |  | 40-B | 2.5 mm \$ | 30 |
| 12.42532T280ATB | 280-BW |  | 14. | 12.423321240TC | $240-$ | 2.5 m | \$140 |  | 20-B | 2.5 mm |  |
| 12.42532T300ATB | 300-BW | W 32 mm | \$140. | TC | - | 2.5 m |  | HA12.42540T2 | 280-B | .mm | \$140.30 |
| 315 mm Diameter, 32mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | 12.42532T280TC | 280-C | 2.5 mm | \$1 | 540 T 300 AT | 300-BW | 2.5 mm | 140.30 |
|  |  |  |  | HC12.42532T300TC | 300-C | 2.5 mm | \$140 | 315 mm Diameter, 40 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 315mm Diameter, 32mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | $\begin{gathered} \text { Tooth } \\ \text { Pattern } \\ \hline \end{gathered}$ | Thickne | Pric | Tool N | Tooth Pattern | Thickness | Pr | I | Tooth Pattern | Thickness |  |
| 2.4 | -C | 2.5 mm | \$140.30 |  |  |  |  |  |  |  |  |
| 12.4 | 90-C | 2.5 mm | \$140 |  | 80-BW | 2.5 mm |  |  | 80-C | 5m |  |
| 12. | 100-C | 2.5 mm |  | , | 90-BW | .5n |  | HA12.42540T090TC | 90-C | 2.5 mm \$ | 30 |
| HA12.42532T120TC | 120-C | 5 mm | \$140 | E12.42532T100ATB | 100-BW | 2.5 m | \$140. | HA12.42540T100TC | 100-C | 2.5 mm \$ | \$140.30 |
| A12.42532T140TC | 140-C | 2.5 mm | \$140.3 | HE12.42532T120ATB | 120-BW | 2.5 mn | \$140.3 | HA12.42540T120TC | 120-C | 2.5 mm | \$140.30 |
| HA12.42532T160TC | 160-C | 2.5 mm | \$140.30 | HE12.42532T140ATB | 140-BW | 2.5 mm | \$140. | 12.42540T140TC | 140-C | 2.5 mm | \$140.30 |
| A12.42532T180TC | 180-C | 2.5 mm | \$140, | 12.42532T160ATB | 160-BW | 5 m |  | 12.42540T160TC | 160-C | 2.5 mm | \$140.30 |
| HA12.42532T200TC | 200-C | 2.5 mm | \$140 | E12 | 180 | 2.5 mm | \$140.30 | HA12.42540T180TC | 180-C | 2.5 mm \$ | \$140.30 |
| 12.4 | $220-\mathrm{C}$ | 5 mm | \$140.3 | HE12.42532T200ATB | 200-BW | 2.5 m | \$140.30 | HA12.42540T200T | 200-C | 2.5 mm \$ | \$140.30 |
| 12.42532T240TC | 240-C | 2.5 mm | \$140.3 | HE12.42532T220ATB | 220-BW | 2.5 mm | \$140.30 | HA12.42540T220T | $220-\mathrm{C}$ | 2.5 m | \$140.30 |
| 12.42532 T | $260-\mathrm{C}$ | 2.5 mm | \$140 | E12.42532T240ATB | 240-BW | 2.5 mm | \$140 | HA12.4254012 | 240-C | 2.5 mm | \$140.30 |
| 12.42532T280TC | 280-C | 2.5 mm |  |  | 260-BW | 5 m |  | 12.424072 | 0-C | 5 m |  |
| 12.42532T300TC | 0-C | 2.5 mm | \$140.3 | HE12.42532T280ATB | 280-BW | 2.5 | \$140 | HA12.42540T280TC | 280-C | 2.5 mm \$ | \$14 |
| 315 mm Diameter, 32 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 2532T300ATB | 300-BW | 2.5 mm | \$140 | A12.42540T300T | 300 | 2.5 m | \$140 |
|  |  |  |  | 315mm Diameter, 32mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 315 mm Diameter, 40 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | ool No. | Tooth | Thickness | Price | Tool No. | Tooth | Thickness | Price |
| 2.42532T080ATB | 80-BW | 2.5 mm | \$140.30 |  |  |  |  |  |  |  |  |
| C12.42532T090ATB | 90-BW | 2.5 mm | \$140.30 | HE12.42532T080TC | $80-$ | 2.5 mm | \$140 | HC12.42540T080ATB | 80-BW | 2.5 mm | \$140.30 |
| 12.4 | 100-BW | 2.5 mm | \$140. | HE12.42532T090TC | 90-C | 2.5 mm | \$140 | 12.42540T090AT | 90-BW | 2.5 m | 140.30 |
| C12.42532T120ATB | 120-BW | 2.5 mm | \$140 | HE12.42532T100TC | 100-C | 2.5 mm | \$140 | HC12.42540T100AT | 100-BW | 2.5 mm | \$14 |
| HC12.42532T140ATB | 140-BW | 2.5 mm | \$140.30 | HE12.42532T120TC | 120-C | 2.5 mm | \$140. | HC12.42540T120AT | 120-BW | 2.5 mm | \$140.3 |
| HC12.42532T160ATB | 160-BW | 2.5 mm | \$140.30 | HE12.42532T140TC | 140-C | 2.5 mm | \$140.3 | HC12.42540T140ATB | 140-BW | 2.5 mm | \$140. |
| C12.42532T180ATB | 180 | 2.5 mm | \$140.30 | HE12.42532T160TC | 160-C | 2.5 mm | \$140.30 | HC12.42540T160ATB | 160-BW | 2.5 m | \$140.30 |
| C12.42532T200ATB | 200-BW | 2.5 mm | \$140.3 | HE12.42532T180TC | 180-C | 2.5 mm | \$140 | HC12.42540T180AT | 180-BW | 2.5 mr | \$140. |
| HC12.42532T220ATB | 220-BW | 2.5 mm | \$140.3 | IE12.42532T200TC | 200-C | 2.5 mm | \$140.3 | HC12.42540T200ATB | 200-BW | 2.5 mm | \$140.3 |
| HC12.42532T240ATB | 240-BW | 2.5 mm | \$140.30 | HE12.42532T220TC | $220-\mathrm{C}$ | 2.5 mm | \$140.30 | HC12.42540T220ATB | 220-BW | 2.5 mm | \$140.30 |
| HC12.42532T260ATB | 260-BW | 2.5 mm | \$140.30 | HE12.42532T240TC | 240-C | 2.5 mm | \$140.30 | HC12.42540T240ATB | 240-BW | 2.5 mm | \$140.30 |
| C12.42532T280ATB | 280-BW | 2.5 mm | \$140.30 | HE12.42532T260TC | 260-C | 2.5 mm | \$140.3 | HC12.42540T260AT | 260-BW | 2.5 mm | \$140. |
| 2 T300ATB | 300-BW | 2.5 mm |  | HE12.42532T280TC | 280-C | 2.5 mm | \$140.30 | HC12.42540T280AT | 280-BW | 2.5 mm | \$140. |
|  |  |  |  | HE12.42532T300TC | 300-C | 2.5 mm | \$140.30 | HC12.42540T300АTB | 300-BW | 2.5 mm | \$140.30 |

Metal Cutting


| $\begin{gathered} 350 \mathrm{~mm} \text { Diameter, 32mm Bore } \\ \text { For Cutting Non-Ferrous Metal Pipes/Tubes } \end{gathered}$ |  |  |  | 350 mm Diameter, 32 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | $\begin{gathered} \text { 350mm Diameter, } 40 \mathrm{~mm} \text { Bore } \\ \text { For Cutting Non-Ferrous Metal Pipes/Tubes } \end{gathered}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Tooth Pattern | Thickness | Price |  |  |  |  | Tool No. | Tooth Pattern | Thickness | Price |
| HA143032T100ATB | 100-BW | 3.0 mm | \$183.39 |  | Pattern |  |  | HA143040T100ATB | 100-BW | Om | \$183.39 |
| HA143032T120ATB | 120-BW | 3.0 n | \$18 | H | 100-C | 3.0 mm | \$18 | HA143040T120AT | 120-BW | 3.0 mm | \$183 |
| HA143032T140ATB | $140-\mathrm{BW}$ | 3.0 m | \$183 | HC143032T120TC | 120-C | 3.0 | \$183 | HA143040T140ATB | 140-BW | 3.0 mm | \$183.39 |
| HA143032T160ATB | 160-BW | mm | \$183.39 | HC143032T140TC | 140-C | 3.0 | \$18 | HA | 160-BW | 3.0 mm | \$183.39 |
| 143032 | 180-BW | . m |  | , | 60-C | 3.0 m | \$183 | HA | --B | Om | \$183.39 |
| 143032T200ATB | 200-BW | .0n | \$183.39 | 3032T180TC | 80-C | 3.0 mm | \$183 | HA | --B | 3.0 mm | \$183.39 |
| HA143032T220ATB | 220-BW | 3.0 mn | \$183. | HC143032T200TC | 00 | 3.0 m | \$183 | HA143040T220AT | 220-BW | 3.0 mm | \$18 |
| A143032T240ATB | 240-BW | 3.0 mm | \$183 | HC143032T220T | $220-\mathrm{C}$ | 3.0 m | \$183 | HA143040T240ATB | 240-BW | 3.0 mm | \$183.39 |
| 143032 T260 | 260-BW | 3.0 mm |  | HC143032T240 | 40- | 3.0 m | \$183 | HA143040T260ATB | 260-BW | . m | 9 |
| 14 | 280-BW | 3.0 mm |  | HC143032T260TC | 260-C | 3.0 | \$18 | HA143040T280ATB | 280-BW | 3.0 mm |  |
| A143032T300ATB | 300-BW | 3.0m | \$183. | 1430321280TC | 280-C | 3.0 mm | \$183. | HA143040T300AT | 300-BW | 3.0 n | \$18 |
| 350 mm Diameter, 32mm Bore <br> For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | HC143032T300TC | 300-C | 3.0 mm |  | 350 mm Diameter, 40 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  |
|  |  |  |  | 350 mm Diameter, 32 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  |
| Tool No. | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thicknes | Pric | Tool No. | Tooth Pattern | Thickness | Pri |
| HA143032T100TC | 100-C | 3.0mm | \$18 | HE143032T100ATB | 100-BW | 3.0 mm | \$183 | , | 100-C | 3.0 mm | \$183.39 |
| HA143032T120TC | 120-C | . mm | \$183 | E143032T120ATB | 120-BW | 3.0m | \$183 | HA143040T120 | 120-C | 3.0 m | \$183.39 |
| HA143032T140TC | 140-C | 3.0 mm | \$183, | HE143032T140ATB | 140-BW | 3.0 | \$18 | HA143040T140TC | 140-C | 3.0 mm | \$1 |
| A143032T160TC | 160-C | 3.0 mm | \$183. | HE143032T160ATB | 160-BW | 3.0 m | \$183.39 | HA143040T160T | 160-C | 3.0 m | \$183. |
| HA143032T180TC | 180-C | 3.0 mm | \$183. | HE143032T180ATB | 180-BW | 3.0 mm | \$183.3 | HA143040T180TC | 180-C | 3.0 mm | \$183.39 |
| HA143032T200TC | 200-C | 3.0 mm | \$18 | HE143032T200ATB | 200-BW | 3.0 m | \$183.3 | HA143040T200TC | 200-C | 3.0 mn | \$183.39 |
| 143032T220TC | 220-C | 3.0 |  | HE143032T220 | 220-BW | 3.0 m | \$183. | HA143040T220 | $220-\mathrm{C}$ | 3.0 mm | \$183.39 |
| 143032T240TC | 240-C | 3.0 n | \$183. | HE14 | 240-BW | 3.0 n | \$183.39 | HA143040 | 240 | . n | \$183 |
| 1143032T260TC | 260-C | 3.0 mn | \$183. | HE143032T260ATB | 260-BW | 3.0 m | \$183.39 | HA143040T260TC | 260-C | 3.0 m | \$183. |
| HA143032T280TC | 280-C | 3.0 mm | \$183.3 | HE143032T280ATB | 280-BW | 3.0 mm | \$183.3 | HA143040T280TC | 280-C | 3.0 mm | \$183.39 |
| HA143032T300TC | 300-C | 3.0 mm | \$183. | HE143032T300AT | 300-BW | 3.0 mm | \$183.3 | 143040 T300 | 300-C | 3.0 mm | \$183 |
| 350 mm Diameter, 32 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 350 mm Diameter, 32 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 350 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  |
| ool No. | Tooth Pattern | Thickne | Pr | Tool No. | Tooth Pattern | Thickn | Pri | Tool No. | Tooth Pattern | Thickne | Price |
| C14 | 100-B | 3.0 mm |  | HE | 100-C | 3.0 mm | \$18 | HC | 100-BW | 3.0 mm | \$183.39 |
| HC143032T120ATB | 120-BW | 3.0 mm | \$183 | HE143032T120T | 120-C | 3.0 mm | \$183, | HC143040T | 120-BW | 3.0m | \$18 |
| HC143032T140ATB | 140-BW | 3.0 mm | \$183.3 | HE143032T140TC | 140-C | 3.0 mm | \$183.39 | HC143040T140ATB | 140-BW | 3.0 mm | \$183.3 |
| HC143032T160ATB | 160-BW | 3.0 mm | \$183.39 | HE143032T160TC | 160-C | 3.0 mm | \$183.39 | HC143040T160ATB | 160-BW | 3.0 mm | \$183.39 |
| C143032T180ATB | 180-BW | 3.0 m | \$183 | HE143032T180TC | 180-C | 3.0 mm | \$183.39 | HC143040T180AT | 180-BW | 3.0 mm | \$183.3 |
| HC143032T200ATB | 200-BW | 0 mm | \$183. | HE143032T200TC | 200-C | 3.0 mn | \$183.39 | HC143040T200AT | 200-BW | 3.0 mm | \$183.3 |
| HC143032T220ATB | 220-BW | 3.0 mm | \$183. | HE143032T220TC | $220-\mathrm{C}$ | 3.0 mm | \$183.39 | HC143040T220A | 220-BW | 3.0 mn | 83.3 |
| HC143032T240ATB | 240-BW | 3.0 mm | \$183.39 | HE143032T240TC | 240-C | 3.0 mm | \$183.39 | HC143040T240ATB | 240-BW | 3.0 mm | \$183.39 |
| HC143032T260ATB | 260-B | mm | \$183.39 | HE143032T260TC | 260-C | 3.0 mm | \$183.39 | HC143040T260ATB | 260-BW | 3.0 mm | \$183.39 |
| C143032T280ATB | 280-BW | 3.0 mm | \$18 | HE143032T280TC | 280-C | 3.0 mm | \$183.39 | HC143040T280AT | 280-BW | 3.0 mm | \$183.3 |
| C143032T300ATB | 300 | 3.0 mm | \$183.39 | HE143032T300TC | 300-C | 3.0 mm | \$183.39 | HC143040T300A | 300-B | 3.0 mm | \$183 |


| 350 mm Diameter, 40 mm Bore For Cutting Ferrous Metal, Mild Stee Solids/Bars/Rebars |  |  |  | 370 mm Diameter, 32 mm Bore For Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 370 mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Pattern | Thickness | Price | HA14.63032T120ATB | $\begin{gathered} \begin{array}{c} \text { Tooth } \\ \text { Pattern } \end{array} \\ \hline \end{gathered}$ | Thickness Price |  | Tool No. | ToothPattern | Thickness |  |
|  |  |  |  |  |  | 3.0 mm | \$243 |  |  |  |  |
| HC143040 | 100-C | 3.0 mm | \$183 | HA14.63032T140ATB | 140-BW | 3.0 mm | \$243.83 | H |  | 3.0 |  |
| 40 |  |  | \$183 | HA14.63032T160ATB | $160-\mathrm{BW}$ |  |  |  |  |  |  |
| C1430407140TC | $140-\mathrm{C}$ | mm | \$183.3 |  |  |  |  | HC14.63032710 | 160 |  |  |
| HC143040T160TC | 100-C | mm | \$183.3 | HA14.63032T200ATB | 200- | 3.0 m | \$243. | HC14.63032T1807 | 180 | 3.0 |  |
| HC143040T180TC | 180 | mm | \$18 | 220 ATB | $220-\mathrm{B}$ | 3.0 mm | \$243 | HC14.63032T200TC | 200-C | 3.0 m |  |
| 3040T2 |  | 3.0 mm | \$183.3 | AT |  |  |  |  |  |  |  |
| 1430407220TC | $220-\mathrm{C}$ | 3.0 mm |  | A14.630327260A |  |  |  | C14.63032T24 | 24 |  |  |
| HC143040T240TC | 240-C | 3.0 mm | \$183.3 | 63032 T280ATB | 80-B | 3.0 m |  | HC14.630327260 | 260 |  |  |
| HC143040T260TC | 260-C | 3.0 mm | \$18 | 327300 ATB | 00-B | 3.0 m | \$243 | HC14.6303222807 | $280-\mathrm{C}$ | 3.0 m |  |
|  |  | m | \$183 |  |  |  |  | HC14.630327300TC | $300-\mathrm{C}$ |  |  |
| 14 |  |  |  | For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | 370 mm Diameter, 32 mm Bore For Cutting Stainless Steel Pipes/Tubes |  |  |  |
| 350 mm Diameter, 40 mm Bore For Cutting Stainless Steel Pipes/Tubes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | ToothPattern | Thickness Pr |  | Tool No. | $\begin{aligned} & \text { Tooth } \\ & \text { Pattern } \end{aligned}$ | Thickness | Price | Tool No. | $\begin{gathered} \text { Toththen } \\ \text { Pattern } \end{gathered}$ | Thickness |  |
|  |  |  |  | $120-\mathrm{C}$ | 3.0 mm | \$243. | HE14.63032T12 |  | 3.0 mm |  |  |
| HE143040T100ATB |  | 3.0 mm | $\$ 183.3$ |  |  |  |  |  |  |  |  |  |
| HE143040T120ATB |  | 3.0 mm |  | A14.63032T16 | 160 |  | \$243.8 | HE14.630 |  |  |  |
| HE143040T140ATB | 140-BW | 3.0 mm | \$183 | HA14.63032T180T | 180-C | 3.0 mm | \$243.8 | HE14.63032T180ATB | 180-BW | 3.0 mm |  |
| 143040T160ATB |  | mm | \$183 | A14.63032T2007C | 200-C | 3.0 mm |  | 630327200A |  |  |  |
| 1430407180ATB |  | 3.0 mm |  |  |  |  |  |  |  |  |  |
| 143040T200ATB | 200-BW | 3.0 mm | \$183.3 | HA14.63032T240T | 240-C | 3.0 mm | \$243.8 | HE14.63032T240AT |  |  |  |
| HE143040T220ATB | 220-BW | 3.0 mm | \$183.3 | HA14.63032T260TC | 260-C | 3.0 mm |  | HE14.63032T260ATB | 260-B |  |  |
| HE143040T240ATB | 240-BW | 3.0 mm | \$183.3 | HA14.63032T280TC | 280-C | 3.0 mm |  | HE14.63032T280ATB | 280-B | 3.0 mm |  |
| TB |  | 3.0m |  | 4.63032T300TC | 300 | . m |  | E14.63032T300A |  |  |  |
| TB |  |  |  | 370 mm Diameter, 32mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 370 mm Diameter, 32mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |
| 00ATB | 300-BW | 3.0 mm | \$183.3 |  |  |  |  |  |  |  |  |  |  |  |  |
| 350 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Tool No. | Tooth | Thic |  |  | Tooth | Thickness |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | ToothPattern | Thickness | Price | HC14.63032T120ATB | $\begin{aligned} & \text { B } 120-\mathrm{BW} \\ & \text { B } 140-\mathrm{BW} \end{aligned}$ | $\begin{aligned} & 3.0 \mathrm{~mm} \\ & 3.0 \mathrm{~mm} \end{aligned}$ | \$243.83HE14.630327120TC |  | $\frac{120-\mathrm{C}}{140-\mathrm{C}}$ | 3.0 mm 3.0 mm |  |
|  |  |  |  |  |  |  |  |  | \$243.83 |  |  |
| HE143040T100TC | 100-C | 3.0 mm |  |  | 160-BW |  |  |  |  | $\begin{aligned} & 140-C \\ & 160-C \end{aligned}$ | 3.0 mm \$ |
| E143040T120TC | 120-C | 3.0m |  |  | ${ }^{180-\mathrm{BW}}$ |  | \$243.83HE14.6333221180T |  | ${ }^{180}$-C | $3.0 \mathrm{~mm} \mathrm{\$}$ <br> 3.0 mm \$ | $\$ 243$. <br> $\$ 243$ |
| HE143040T140TC | 140-C | 3.0 mm |  |  |  |  |  |  |  |  |  |  |
| HE143040T160TC | 160-C | 3.0 mm | \$183.39HC14.63332T220ATB |  |  | $220-\mathrm{BW}$ | 3.0mm | \$243.83HE14.63032T220TC |  | ${ }^{200-C}$ | $3.0 \mathrm{~mm} \mathrm{\$}$ 3.0 mm \$ | \$243.3 <br> $\$ 243$ |
| 143040T180TC | 180-C | 3.0 mm | \$183.39 HC14.63032T240АTB <br> \$183.39HC14.63032T260ATB |  | $\begin{aligned} & \text { 240-BW } \\ & 260-\text { bw } \end{aligned}$ | $\begin{aligned} & 3.0 \mathrm{~mm} \\ & 3.0 \mathrm{~mm} \end{aligned}$ | \$243.83HE14.63332724 |  | $\frac{240-\mathrm{C}}{2460}$ | 3.0 mm s | ${ }_{\text {\$243.83 }}$ |
| 143040T200TC | $200-\mathrm{C}$ | 3.0 mm |  |  |  |  |  |  |  |  |  |  |
| HE143040T220TC | O-C | 3.0 mm | \$183.39HC 14.63032T2800ATB |  |  | 280-BW | 边 $\begin{aligned} & 3.0 \mathrm{~mm} \\ & 3\end{aligned}$ | \$243.83 HE14.63032T2807C |  | ${ }^{260-C}$ |  |
| HE143040T240TC | $240-\mathrm{C}$ | 3.0 mm |  |  | \$243.83 |  |  | HE14.63032T300TC | 300-C | 0mm $\$ 243.8$ |  |
| HE143040T260TC | $260-\mathrm{C}$ | 3.0 mm |  |  |  |  |  |  |  |  |  |  |
| 143040 T280TC | 280-C | 3.0 mm |  |  |  |  |  |  |  |  |  |  |
| TC | O-C | 3.0 mm | \$183.39 |  |  |  |  |  |  |  |  |


| 370 mm Diameter, 40mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  | 370 mm Diameter, 40mm Bore For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars |  |  |  | 370 mm Diameter, 50 mm BoreFor Cutting Non-Ferrous Metal Pipes/Tubes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No | Tooth Pattern | Thickness | Price | Tool No. | Tooth Pattern | Thickness |  | Tool No. | Tooth Pattern | Thickness Price |  |
|  |  |  |  |  |  |  |  | 0T120AT | 20-BW | 3.0 mm | \$243.83 |
| 20ATB | 120-BW | 3.0 mm | \$243.85 | TC | 120-C | 3.0 mm | 243. | 63050T140AT | 140-BW | 3.0 mm | 243.83 |
| HA14.63040T140ATB | 140-BW | 3.0 mr | \$24 | HC14.63040T140TC | 140-C | 3.0 mm | \$243.83 | 4.63050T160ATB | 160-BW | 3.0 mm | \$243.83 |
| HA14.63040T160ATB | 160-BW | 3.0 mm | \$243 | HC14.63040T160TC | 160-C | 3.0 mm | \$243.83 | HA14.63050T180ATB | 180-BW | 3.0 mm | \$243.83 |
| HA14.63040T180ATB | 180-BW | . 0 mm | \$243 | HC14.63040T180TC | 80-C | 3.0 mm | \$243.83 | HA14.63050T200ATB | 200-BW | 3.0 mm | 243.83 |
| HA14.63040T200ATB | 200-BW | 3.0 mm | \$243 | HC14.63040T200TC | 200-C | 3.0 mm | \$243.83 | HA14.63050T220ATB | 220-BW | 3.0 mm | \$243.83 |
| HA14.63040T220ATB | 220-BW | 3.0 mm | \$243 | HC14.63040T220TC | 220-C | 3.0 mm | \$243.83 | HA14.63050T240ATB | 240-BW | 3.0 mm | \$243.83 |
| HA14.63040T240ATB | 240-BW | 3.0 mm | \$243 | HC14.63040T240TC | 240-C | 3.0 mm | \$243.83 | HA14.63050T260ATB | 260-BW | 3.0 mm | \$243.83 |
| HA14.63040T260ATB | 260-BW | 3.0 mm | \$243 | HC14.63040T260TC | 260-C | 3.0 mm | \$243.83 | HA14.63050T280ATB | 280-BW | 3.0 mm | \$243.83 |
| HA14.63040T280ATB | 280-BW | 3.0 mm | \$243 | HC14.63040T280TC | 280-C | 3.0 mm | \$243.83 | HA14.63050T300ATB | 300-BW | 3.0 mm | 24 |
| HA14.63040T300ATB | 300-BW | 3.0 mm | \$243.8 | HC14.63040T300TC | 300-C | 3.0 mm | \$243.8 |  |  |  |  |
| 370 mm Diameter, 40 mm Bore For Cutting Non-Ferrous Metal Solids/Bars/Rebars |  |  |  | 370 mm Diameter, 40 mm Bore <br> For Cutting Stainless Steel Pipes/Tubes |  |  |  | 370 mm Diam For Cutting Solids/ | meter, 50 n Non-Ferro Bars/Reb | mm Bore <br> ous Metal <br> bars |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Tool No. | Tooth | Thickness | Price | Tool No. | Tooth <br> Pattern | Thickness Price |  | Tool No. | Tooth <br> Pattern | Thickness | Price |
|  |  |  |  |  | 120-BW | 3.0 mm |  | HA14.63050T120TC | 120-C | 3.0 mm | \$243.83 |
| HA14.63040T120TC | 120-C | 3.0 mm | 43.85 | HE14.63040T140ATB | 140-BW | 3.0 m |  | HA14.63050T140TC | 40-C | 3.0 mm | \$243.83 |
| HA14.63040T140TC | 140-C | 3.0 mm | \$243.83 | HE14.63040T160ATB | 160-BW | 3.0 mm | \$243.83 | HA14.63050T160TC | 160-C | 3.0 mm | \$243.83 |
| HA14.63040T160TC | 160-C | 3.0 mm | \$243.83 | HE14.63040T180ATB | 180-BW | 3.0 mm | \$243.83 | HA14.63050T180TC | 180-C | 3.0 mm | \$243.83 |
| HA14.63040T180TC | 180-C | 3.0 mm | \$243.83 | HE14.63040T200ATB HE14.63040T220ATB | 200-BW | 3.0 mm | \$243.8 | HA14.63050T200TC | 200-C | 3.0 mm | \$243.83 |
| HA14.63040T200TC | 200-C | 3.0 mm | \$243.83 |  | 220-BW | 3.0 mm | \$243.83 | HA14.63050T220TC | 220-C | 3.0 mm | \$243.83 |
| HA14.63040T220TC | 220-C | 3.0 mm | \$24 | HE14.63040T220ATB HE14.63040T240ATB | 240-BW | 3.0 mm | \$243.83 | HA14.63050T240TC | 240-C | 3.0 mm | \$243.83 |
| HA14.63040T240TC | 240-C | 3.0 mm | \$243. |  | 260-BW | 3.0 mm | \$243.83 | HA14.63050T260TC | 260-C | 3.0 mm | 243.83 |
| HA14.63040T260TC | 260-C | 3.0 mm | \$2 | 3HE14.63040T260ATB <br> 3 HE14.63040T280ATB | 280-BW | 3.0 mm | \$243.83 | HA14.63050T280TC | 280-C | 3.0 mm | \$243.83 |
| HA14.63040T280TC | 280-C | 3.0 mm | \$243.83 | HE14.63040T300ATB 300-BW 3.0mm \$243.83 |  |  |  | HA14.63050T300TC |  | 3.0 mm | \$243.83 |
| HA14.63040T300TC | 300-C | 3.0 mm | \$243. |  |  |  |  |  |  |  |  |
| 370 mm Diameter, 40 mm Bore <br> For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  | 370 mm Diameter, 40 mm Bore For Cutting Stainless Steel Solids/Bars/Rebars |  |  |  | 370 mm Diameter, 50 mm Bore For Cutting Ferrous Metal, Mild Steel Pipes/Tubes |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | Tool No. | Tooth <br> Pattern |  |  |  | Tooth <br> Pattern |  |  |
| Tool N | Tooth Pattern | Thickness | Price |  |  | Thickness Price |  |  |  | Thickness | Price |
|  |  |  |  | 14.630407120F | 0-C | 3.0 mm | 24 |  | 120-BW | 3.0mm \$243.83 |  |
| HC14.63040T120ATB | 120-BW | 3.0 mm | \$243.85 | 5 HE14.63040T140TC | 140-C | 3.0 mm | \$243.83 | HC14.63050T140ATB | 140-BW | 3.0 mm | \$243.83 |
| HC14.63040T140ATB | 140-BW | 3.0 mm | \$243.83 | HE14.63040T160TC <br> HE14.63040T180TC | 160-C | 3.0 mm | \$243.83 | HC14.63050T160ATB | 160-BW | 3.0 mm | \$243.83 |
| HC14.63040T160ATB | 160-BW | 3.0 mm | \$243.83 |  | 180-C | 3.0 mm | \$243.83 | HC14.63050T180ATB | 180-BW | 3.0 mm | \$243.83 |
| HC14.63040T180ATB | 180-BW | 3.0 mm | \$243.83 | 3HE14.63040T200TC <br> HE14.63040T220TC | 220-C | 3.0 mm3.0 mm | \$243.83 | HC14.63050T200ATB | 200-BW | 3.0 mm | \$243.83 |
| HC14.63040T200ATB | 200-BW | 3.0 mm | \$243 |  |  |  | \$243.83 | HC14.63050T220ATB | 220-BW | 3.0 mm | \$243.83 |
| HC14.63040T220ATB | 220-BW | 3.0 mm | \$243.83 | HE14.63040T220TC <br> HE14.63040T240TC | 240-C | $\begin{aligned} & 3.0 \mathrm{~mm} \\ & 3.0 \mathrm{~mm} \end{aligned}$ | \$243.83 | HC14.63050T240ATB | 240-BW | 3.0 mm | \$243.83 |
| HC14.63040T240ATB | 240-BW | 3.0 mm | \$243. | 3 HE14.63040T240TC <br> HE14.63040T260TC | 260-C |  | \$243.83 | HC14.63050T260ATB | 260-BW | 3.0 mm | \$243.83 |
| HC14.63040T260ATB | 260-BW | 3.0 mm | \$243.83 | 3 HE14.63040T280TC | $280-\mathrm{C}$ 3.0 mm <br> $300-\mathrm{C}$ 3.0 mm |  | \$243.83 | HC14.63050T280ATB | 280-BW | 3.0 mm | \$243.83 |
| HC14.63040T280ATB | 280-BW | 3.0 mm | \$243.83 | HE14.63040T300TC |  |  | \$243.83 | HC14.63050T300ATB 300-BW 3.0 mm \$243.83 |  |  |  |
| HC14.63040T300ATB | 300-BW | 3.0 mm | \$243.83 |  |  |  |  |  |  |  |  |  |

370 mm Diameter, 50 mm Bore
For Cutting Ferrous Metal, Mild Steel Solids/Bars/Rebars

| Tool No. | Tooth Pattern | Thickness | Price |
| :---: | :---: | :---: | :---: |
| HC14.63050T120TC | 120-C | 3.0 mm | \$243.83 |
| HC14.63050T140TC | 140-C | 3.0 mm | \$243.83 |
| HC14.63050T160TC | 160-C | 3.0 mm | \$243.83 |
| HC14.63050T180TC | 180-C | 3.0 mm | \$243.83 |
| HC14.63050T200TC | 200-C | 3.0 mm | \$243.83 |
| HC14.63050T220TC | 220-C | 3.0 mm | \$243.83 |
| HC14.63050T240TC | 240-C | 3.0 mm | \$243.83 |
| HC14.63050T260TC | 260-C | 3.0 mm | \$243.83 |
| HC14.63050T280TC | 280-C | 3.0 mm | \$243.83 |
| HC14.63050T300TC | 300-C | 3.0 mm | \$243.83 |

370 mm Diameter, 50 mm Bore
For Cutting Stainless Steel Pipes/Tubes

| Tool No. | Tooth <br> Pattern | Thickness Price |  |
| :---: | :---: | :---: | :---: |
| HE14.63050T120ATB | 120-BW | 3.0mm | $\$ 243.83$ |
| HE14.63050T140ATB | 140-BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T160ATB | 160-BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T180ATB | $180-$ BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T200ATB | 200-BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T220ATB | $220-$ BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T240ATB | $240-$ BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T260ATB | $260-$ BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T280ATB | $280-$ BW | 3.0 mm | $\$ 243.83$ |
| HE14.63050T300ATB | $300-$ BW | 3.0 mm | $\$ 243.83$ |


| 370m Diameter, 50mm Bore <br> For Cutting Stainless Steel <br> Solids/Bars/Rebars |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Tool No. | Tooth <br> Pattern | Thickness | Price |
| HE14.63050T120TC | 120-C | 3.0mm | $\$ 243.83$ |
| HE14.63050T140TC | 140-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T160TC | 160-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T180TC | 180-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T200TC | 200-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T220TC | 220-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T240TC | 240-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T260TC | 260-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T280TC | 280-C | 3.0 mm | $\$ 243.83$ |
| HE14.63050T300TC | 300-C | 3.0 mm | $\$ 243.83$ |



This diamond blade is designed to cut general construction materials i.e. concrete, brick, roof tile, clay paving and etc.
This diamond blade is designed to cut general construction materials i.e. concrete, brick, roof tile, clay paving and etc.

This blade is used when cutting asphalt, asphalt over concrete and green
concrete at high speed typically on a low horsepower walk-behind machine.

| Tool No. | Dia. | Bore | Segment Height | Width | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| DAP1210L120 | 12 | 1"-20mm | 10 mm | .125" | \$41.29 |
| DAP1210L20 | 12 " | 20 mm | 10 mm | .125" | \$41.29 |
| DAP1212L120 | 12" | 1"-20mm | 12 mm | .125" | \$44.87 |
| DAP1410L120 | $14 "$ | 1"-20mm | 10 mm | .125" | \$47.64 |
| DAP1410L20 | $14 "$ | 20 mm | 10 mm | .125" | \$47.64 |
| DAP1412L120 | 14 " | 1"-20mm | 12 mm | .125" | \$52.40 |
| DAP1610L120 | $16 "$ | 1"-20mm | 10 mm | .125" | \$63.53 |
| DAP1610L20 | $16 "$ | 20 mm | 10 mm | .125" | \$63.53 |
| DAP1612L120 | $16 "$ | 1 "-20mm | 12 mm | .125" | \$69.88 |
| DAP1812L120 | $18 "$ | 1"-20mm | 12 mm | .142" | \$101.64 |
| DAP2012L120 | $20^{\prime \prime}$ | 1"-20mm | 12 mm | .142" | \$122.72 |

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| Tool No. | Dia. | Bore | Segment Height | Width | Price |
| :--- | :---: | :---: | :---: | :---: | ---: |
| DGS0410S78 | $4^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | 10 mm | $0.080^{\prime \prime}$ | $\$ 3.57$ |
| DGS4510S78 | $4-1 / 2^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | 10 mm | $0.080^{\prime \prime}$ | $\$ 4.11$ |
| DGS0510S78 | $5^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | 10 mm | $0.080^{\prime \prime}$ | $\$ 5.01$ |
| DGS0610S78 | $6^{\prime \prime}$ | $7 / 8^{\prime \prime}$ | 10 mm | $0.080^{\prime \prime}$ | $\$ 6.78$ |
| DGS0710SDM | $7^{\prime \prime}$ | DM | 10 mm | $.090^{\prime \prime}$ | $\$ 8.92$ |
| DGS0810SDM | $8^{\prime \prime}$ | DM | 10 mm | $.090^{\prime \prime}$ | $\$ 9.99$ |
| DGS0910SDM | $9^{\prime \prime}$ | DM | 10 mm | $.100^{\prime \prime}$ | $\$ 14.81$ |
| DGS1010SDM | $10^{\prime \prime}$ | DM | 10 mm | $.100^{\prime \prime}$ | $\$ 17.13$ |
| DGS1210S1 | $12^{\prime \prime}$ | $1 "$ | 10 mm | $.125^{\prime \prime}$ | $\$ 25.21$ |
| DGS1212S1 | $12^{\prime \prime}$ | $1 "$ | 12 mm | $.125^{\prime \prime}$ | $\$ 33.33$ |
| DGS1210S20 | $12^{\prime \prime}$ | 20 mm | 10 mm | $.125^{\prime \prime}$ | $\$ 25.21$ |
| DGS1212S20 | $12^{\prime \prime}$ | 20 mm | 12 mm | $.125^{\prime \prime}$ | $\$ 33.3$ |
| DGS1410S1 | $14^{\prime \prime}$ | $1 "$ | 10 mm | $.125^{\prime \prime}$ | $\$ 31.15$ |
| DGS1412S1 | $14^{\prime \prime}$ | $1 "$ | 12 mm | $.125^{\prime \prime}$ | $\$ 39.99$ |
| DGS1410S20 | $14^{\prime \prime}$ | 20 mm | 10 mm | $.125^{\prime \prime}$ | $\$ 31.15$ |
| DGS1412S20 | $14^{\prime \prime}$ | 20 mm | 12 mm | $.125^{\prime \prime}$ | $\$ 39.99$ |
| DGS1612S1 | $16^{\prime \prime}$ | $1 "$ | 12 mm | $.125^{\prime \prime}$ | $\$ 64.99$ |



Carbide Tipped Saw Blades




Carbide Tipped Saw Blades


## SKARRAZ <br> Carbide Tipped Saw Blades

| Radial Arm/Miter Saw Blades |  |  |  |  |  |  |  | Portable Miter/Table Saw Saw Blades |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Neutral Hook angle prevents saw from grabbing material. Select less teeth for thicker material. ATB grind is not suitable for non ferrous metals. |  |  |  |  |  |  |  | Extensive selection of blades to maximize the performance of your saw. Use negative and neutral hook angles for miter applications. Positive hook blades for most table saw applications. |  |  |  |  |  |  |  |
| RA860 | 8" | 60 | 5/8" | 0ATB | .085" | .115" | \$78.75 | Tool No. | Dia. | Tooth | Bore | Grind | Plate | Kerf | Price |
| RA980 | $9 "$ | 80 | 5/8" | 0ATB | .085" | .115" | \$117.08 | U860A | 8" | 60 | 5/8" | 5ATB | .059" | .090" | \$79.17 |
| RA1060 | $10 "$ | 60 | 5/8" | 0ATB | .085" | .125" | \$78.33 | U860T | 8" | 60 | 5/8" | 5TCG | .059" | .090" | \$80.00 |
| RA1080 | $10 "$ | 80 | 5/8" | 0ATB | .085" | .125" | \$93.75 | PS840A | 8-1/4" | 40 | 5/8" | 10ATB | .070" | .095" | \$64.58 |
| RA1260 | 12" | 60 | 5/8" | 0ATB | .085" | .125" | \$123.33 | PS860A | 8-1/4" | 60 | 5/8" | 10ATB | .070" | .095" | \$75.01 |
| RA1280-1 | 12" | 80 | $1{ }^{\prime \prime}$ | 0ATB | .095" | .135" | \$126.67 | PU860A | 8-1/4" | 60 | 5/8" | 0ATB | .059" | .090" | \$75.02 |
| RA1280-58 | 12" | 80 | 5/8" | 0ATB | .095" | .135" | \$139.17 | PS861T | 8-1/4" | 60 | 5/8" | 10TCG | .070" | .095" | \$76.67 |
| RA1411 | 14 " | 100 | 1 " | 0ATB | .098" | .138" | \$174.11 | P86NA | 8-1/2" | 60 | 5/8" | N5ATB | .070" | .095" | \$75.04 |
| RA1436 | 14 " | 36 | 1 " | N5ATB | .085" | .125" | \$126.00 | P860A | 8-1/2" | 60 | 5/8" | 0ATB | .059" | .090" | \$75.03 |
| RA1460-SKZ | $14 "$ | 60 | 1 " | 0ATB | .120" | .160" | \$154.67 | U1040A | 10" | 40 | 5/8" | 10ATB | .059" | .090" | \$69.17 |
| RA1480 | 14 " | 80 | 1 " | 0ATB | .110" | .156" | \$166.33 | U1040T | $10 "$ | 40 | 5/8" | 10TCG | .059" | .090" | \$72.50 |
| RA1640-SKZ | $16 "$ | 40 | $1 "$ | 0ATB | .134" | .184" | \$158.33 | P1060A | $10^{\prime \prime}$ | 60 | 5/8" | 0ATB | .059" | .090" | \$80.01 |
| RA1660 | $16 "$ | 60 | $1 "$ | 0ATB | .120" | .165" | \$182.83 | U1060A | $10 "$ | 60 | 5/8" | 10ATB | .059" | .090" | \$85.83 |
| RA1680 | $16 "$ | 80 | $1{ }^{\prime \prime}$ | 0ATB | .120" | .165" | \$195.50 | U1060T | $10^{\prime \prime}$ | 60 | 5/8" | 10TCG | .059" | .090" | \$86.67 |
| RA1860 | 18 " | 60 | 1 " | 0ATB | .134" | .184" | \$210.67 | P1080A | $10 "$ | 80 | 5/8" | 0АTB | .059" | .090" | \$111.67 |
| RA1880 | 18" | 80 | $1{ }^{\prime \prime}$ | 0ATB |  |  | \$243.33 | P108NA | $10 "$ | 80 | 5/8" | N5ATB | .085" | .120" | \$108.75 |
|  |  |  |  |  |  |  |  | U1081A | $10 "$ | 80 | 5/8" | 10ATB | .059" | .090" | \$111.67 |
|  |  |  |  |  |  |  |  | U1081T | $10^{\prime \prime}$ | 80 | 5/8" | 10TCG | .059" | .090" | \$113.75 |
|  |  |  |  |  |  |  |  | P124NA | 12" | 40 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .115" | \$94.17 |
|  |  |  |  |  |  |  |  | U1260A | 12" | 60 | $1{ }^{\prime \prime}$ | 10ATB | .059" | .090" | \$128.33 |
|  |  |  |  |  |  |  |  | P126NA | 12" | 60 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .115" | \$113.75 |
|  |  |  |  |  |  |  |  | U1280A | 12 " | 80 | $1{ }^{\prime \prime}$ | 10ATB | .059" | .090" | \$143.33 |
|  |  |  |  |  |  |  |  | P1280A | 12" | 80 | $1{ }^{\prime \prime}$ | 0ATB | .059" | .090" | \$130.83 |
|  |  |  |  |  |  |  |  | P128NA | 12 | 80 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .115" | \$126.67 |
|  |  |  |  |  |  |  |  | P128NAR | 12 | 80 | $1{ }^{\prime \prime}$ | N5ATB | .080" | .110" | \$126.68 |
|  |  |  |  |  |  |  |  | P1280A-095 | 12" | 80 | 1 " | 0ATB | .070" | .095" | \$120.01 |
|  |  |  |  |  |  |  |  | U1280T | 12" | 80 | $1{ }^{\prime \prime}$ | 5TCG | .059" | .090" | \$145.00 |
|  |  |  |  |  |  |  |  | U1210A | 12" | 100 | $1{ }^{\prime \prime}$ | 5ATB | .059" | .090" | \$150.83 |
|  |  |  |  |  |  |  |  | U1210T | 12 | 100 | $1{ }^{\prime \prime}$ | 5TCG | .059" | .090" | \$153.33 |
|  |  |  |  |  |  |  |  | U1215T | 12 " | 100 | $1{ }^{\prime \prime}$ | 15TCG | .070" | .100" | \$153.33 |
|  |  |  |  |  |  |  |  | P148NA | $14 "$ | 80 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .095" | \$156.67 |
|  |  |  |  |  |  |  |  | U1410A | 14" | 100 | $1{ }^{\prime \prime}$ | 10ATB | .070" | .110" | \$190.01 |
|  |  |  |  |  |  |  |  | P141NA | $14 "$ | 100 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .120" | \$182.51 |
|  |  |  |  |  |  |  |  | P146NA | 14 " | 60 | $1{ }^{\prime \prime}$ | N5ATB | .085" | .120" | \$105.01 |
|  |  |  |  |  |  |  |  | P1560A | 15 " | 60 | $1{ }^{\prime \prime}$ | 0ATB | .070" | .110" | \$149.58 |
|  |  |  |  |  |  |  |  | P1580A | 15" | 80 | $1{ }^{\prime \prime}$ | 0ATB | .070" | .110" | \$163.75 |
|  |  |  |  |  |  |  |  | P1510A-115 | 15" | 100 | $1{ }^{\prime \prime}$ | 0ATB | .085" | .115" | \$185.83 |
|  |  |  |  |  |  |  |  | U2660AR* | 260 mm | 60 | 30 mm | N2ATB+R | 1.8 mm | 2.5 mm | \$91.67 |
|  |  |  |  |  |  |  |  | U2680AR* | 260 mm | 80 | 30 mm | N2ATB+R | 1.8 mm | 2.5 mm | \$108.33 |
|  |  |  |  |  |  |  |  | * For FesTod | Kapex M | iter saw |  |  |  |  |  |




Stellite Tipped Resaw Bandsaw Blade


| Tool No. | Length | Width | Pitch | Gauge | Machine | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ST11221-A^ | 112" | 2-7/16" | 3/4" | 23 | Makita 2116 | \$141.65 |
| ST11131*\# | 110-3/4" | $3 "$ | 3/4" | 23 | Hitachi CB 75F | \$383.35 |
| ST11131A^\# | 110-3/4" | $3 "$ | 3/4" | 23 | Hitachi CB 75F | \$283.35 |
| ST174114*\# | 174" | $4{ }^{\prime}$ | 1-1/4" | 20 | Hitachi CB 100F | \$633.35 |
| * Tipped every <br> - Tipped altern | ooth <br> te tooth |  |  |  |  |  |



## IMIAGNATIE Band Saw Blades Introduction

## Magnate ${ }^{\mathrm{TM}}$ Carbon Tool Steel BandSaw Blade

Carbon tool steel bandsaw blades are designed to work with a woodcutting saw to cut all types of woods at a range of 800-3,500 fpm; especially ideal for soft woods, i.e. pine, polar, fir and spruce. If used with a good release agent, it can cut plastics at a range of 200-800 fpm, or non-ferrous metal (i.e. aluminum, copper and brass ) at a range of 200-1,000 fpm. However, to cut ferrous metals or mild steel ( don't cut hard steel ), you must only use a metal-cutting saw at a range of 40-200 fpm. Having liquid coolant running along the back of the blade yields the best results is highly recommended.

## Magnate ${ }^{\mathrm{TM}}$ Bi-Metal Bandsaw Blade

Bi-Metal band saw blades are designed to work with a woodworking saw at a speed range of 800-3,500 fpm to cut plastics, all types of woods ( especially ideal for hard woods i.e. oak, maple, walnut or cherry), plastics, and non-ferrous metals (aluminum, copper, brass, etc). To cut ferrous metal (i.e. carbon steels, light alloy steels, mold steels, and tool steels), you must only use a metal-cutting bandsaw, at a speed range of 40-200 fpm.

## Magnate ${ }^{\text {TM }}$ Carbide Grit Bandsaw Blade

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and case-hardened materials.

A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thinner materials.

## Magnate ${ }^{\text {TM }}$ Carbide Tipped Bandsaw Blade

This carbide tipped bandsaw blade is designed with precision triple chip ground teeth for smooth cuts and an excellent finish. The new high performance steel back offers excellent fatigue life. A carbide tipped blade outlasts carbon steel and bi-metal blades when cutting abrasive non-ferrous materials, wood; especially tropical hardwoods i.e. ebony, koa or cocabolo.
When using a metal cutting bandsaw, referring to guidelines below, it is also ideal to cut ferrous metal materials at least 1 inch thick, i.e. alloy steels, tool steels, bearing steel, carbon steels, stainless steels, and mold steels.

Magnate carbide tipped bandsaw blades application notes:

1) To cut 1 " to $6^{\prime \prime}$ (taller if fed slow) wood or 1 " to 4 " steel, use blades of $1 / 2^{\prime \prime}$ wide $x 3$ TPI, $3 / 4$ " wide $\times 3$ TPI, or $1^{\prime \prime}$ wide $\times 3$ TPI;
2) To cut 1 " to $6 "$ (taller if fed slow) wood or 3 " to 11 " steel, use blades of 1 " wide x 2-3 variable tooth or 1-1/4" wide x 2-3 variable tooth;
3) To cut 1 " to 4 " (taller if fed slow) wood or 1 " to 6 " steel; use blades of $1-1 / 4$ " wide $\times 3-4$ variable tooth;
4) To cut 3 " to 12 " (taller if fed slow) wood ONLY, use blades of 1 " wide x 1.3 TPI;
5) To cut 2 " to 6 " wood ONLY, use blades of $1^{\prime \prime}$ wide $x 2$ TPI;

## Magnate ${ }^{\text {TM }}$ Scallop Edged Bandsaw Blade

These single-edge scallop blades are made from carbon steel, have a double bevel, $1 / 2$ " pitch, and feature a hollow ground cutting edge.
The $5 / 8$ " wide blades are designed to be used on a meat-cutting band saw for clean cutting of boneless (bone-out) meat, bread, vegetables, and more.
The $1 / 2^{\prime \prime}$ wide $x 0.020$ " thick scallop blades can be used on a regular woodcutting band saw for cutting materials such as light to medium foams
The 1 " wide x 0.035 " thick blades can be used to cut tires, though it depends on the machine.

## Magnate ${ }^{\text {TM }}$ Meat Cutting Bandsaw Blade

A Magnate ${ }^{\mathrm{TM}}$ meat cutting bandsaw blade is made from special high carbon steel. The hardened teeth are precision sharpened. These blades are designed for fast bone-in beef, pork, lamb, fish, or frozen meat cutting.

## Note

Upon request, Magnate ${ }^{\mathrm{TM}}$ makes blades of any length and of any type available to fit your bandsaw brand and model. Please refer to your owner's/operation manual to make sure the blade's length, width and thickness can fit your band saw machine.

## Band Saw Blades Introduction

## SuperCut ${ }^{\text {TM }} 3$-Wheeler Bandsaw Blade

Blade breakage and poor blade performance are common problems with small 2 or 3 tabletop bandsaws. These problems are caused by the extreme flexing of the blade caused by the small size of the wheels that the blade runs on and the high speeds normally used. This blade is made of special material that is thinner $(0.014$ ") to withstand the sharp flexing encountered on the small wheels of these bandsaws.

## SuperCut ${ }^{\mathrm{TM}}$ Gold Carbide Impregnated Bandsaw Blade

This premium blade was designed with the professional and serious woodworker in mind. It is truly a unique blade featuring many new advances in blade design. Made from the toughest alloys, the teeth are precision ground and razor sharp, not punched or milled like traditional blades. During the manufacture of this blade, the teeth are impregnated with Carbide particles which greatly improve the cutting life of the blade. The teeth also feature a new aggressive tooth design and set. The sides of the blade are polished smooth and the back of the blade is rounded to allow it to feed and turn with less heat and chatter. This blade is manufactured to the industry's highest standards. No less than 30 inspections and tests insure this is the best blade for the discriminating woodworker.
It comes with $0.025^{\prime \prime}$ Thickness x 0.030 " Kerf.

## SuperCut ${ }^{\text {TM }}$ Hawc Pro Resaw Bandsaw Blade (WoodCutting)

This high silicon content resaw blade with an aggressive set and modified gullet to increase speed, extend life, and improve the straightness of cut. This blade improves on sawdust removal in a long or thick cut. Hawc Pro is the best all around blade for resawing up to $1 / 2^{\prime \prime}$ thick. It will last longer and cut straighter than conventional bandsaw blades due to its special design and induction hardened teeth. It comes with 0.025 " Thickness x 0.045 " Kerf.

## SuperCut ${ }^{\text {TM }}$ WoodSaver Carbide Impregnated Resaw Bandsaw Blade (Woodcutting)

This precision ground, thin kerf resaw blade is designed for reduced waste when cutting expensive hardwoods. During the manufacturing of this blade, The teeth are impregnated with carbide particles, making this a very durable blade which retains its sharpness even resawing the hardest and toughest woods. This blade is especially designed for resawing wood, particularly the hardwoods and other difficult to cut wood species. The narrow kerf conserves these expensive woods, giving you more yield from a block of lumber. It comes with 0.025 " thickness x 0.035 " kerf.

## SuperCut ${ }^{\mathrm{TM}}$ WoodSaver Plus Carbide Impregnated Resaw Bandsaw Blade(WoodCutting)

This WoodSaver Plus band saw blade is an improved version of WoodSaver blade. The precision ground teeth have a variable 3-4 tooth design which cuts smoother, because it reduces chatter and vibration. The blade saves even more of your expensive woods being lost to sawdust. The sides of the blade are polished to provide a smoother running blade. The back of the blade is polished round to help eliminate marring of the wood. The carbide impregnated tooth technology gives the blade incredible life. All 0.025 " thickness x 0.030 " kerf.

## SuperCut ${ }^{\text {TM }}$ Meat Cutting Bandsaw Blade

A SuperCut ${ }^{\mathrm{TM}}$ meat cutting bandsaw blade is made from a high quality, stain resistant steel with easy-cleaning polished sides. It features precision ground, heat-treated teeth that are razor sharp and have a tooth profile designed for cutting meat and bone, i.e. Bone-in beef, pork, lamb; fish cutting.

## Note

Upon request, Magnate ${ }^{\mathrm{TM}}$ makes blades of any length and of any type available to fit your bandsaw brand and model. Please refer to your owner's/operation manual to make sure the blade's length, width and thickness can fit your band saw machine.










| Bi-metal Bandsaw Blade 70" (5' 10") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price |
| M70M14H6 | 1/4" | 6H | .025" | \$31.86 |
| M70M14V10 | 1/4" | 10-14V | .025" | \$31.86 |
| M70M14V14 | 1/4" | 14-18V | .025" | \$31.86 |
| M70M38H4 | 3/8" | 4H | .025" | \$31.86 |
| M70M38V10 | 3/8" | 10-14V | .025" | \$31.86 |
| M70M38V14 | 3/8" | 14-18V | .025" | \$31.86 |
| M70M12H3 | 1/2" | 3H | .025" | \$31.86 |
| M70M12H4 | 1/2" | 4H | .025" | \$31.86 |
| M70M12H6 | 1/2" | 6H | .025" | \$31.86 |
| M70M12V6 | 1/2" | 6-10V | .025" | \$31.86 |
| M70M12V8 | 1/2" | 8-12V | .025" | \$31.86 |
| M70M12V10 | 1/2" | 10-14V | .025" | \$31.86 |
| M70M12T14 | 1/2" | 14 | .025" | \$31.86 |
| M70M12V14 | 1/2" | 14-18V | .025" | \$31.86 |
| M70M12T18 | 1/2" | 18 | .025" | \$31.86 |


\section*{| Carbide Tipped Bandsaw Blade |
| :---: |
| $70^{\prime \prime}\left(5^{\prime} 10 "\right)$ Long | <br> | Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M70E12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 119.38$ | <br> Hawc Pro Resaw Bandsaw Blade

$70^{\prime \prime}\left(5^{\prime} 10{ }^{\prime \prime}\right)$ Long}

| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B70H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 17.07$ |


| M70.5C18R14 | 1/8" | 14R | .025" | \$13.69 |
| :---: | :---: | :---: | :---: | :---: |
| M70.5C18R18 | 1/8" | 18R | .025" | \$13.69 |
| M70.5C316S4 | 3/16" | 4S | .025" | \$12.31 |
| M70.5C316S6 | 3/16" | 6S | .025" | \$11.55 |
| M70.5C316R10 | 3/16" | 10R | .025" | \$12.31 |
| M70.5C316R14 | 3/16" | 14R | .025" | \$12.31 |
| M70.5C316R18 | 3/16" | 18R | .025" | \$12.31 |
| M70.5C316R24 | 3/16" | 24R | .025" | \$12.31 |
| M70.5C14H4 | 1/4" | 4H | .025" | \$9.79 |
| M70.5C14H6 | 1/4" | 6H | .025" | \$9.79 |
| M70.5C14R10 | 1/4" | 10R | .025" | \$9.79 |
| M70.5C14R14 | 1/4" | 14R | .025" | \$9.79 |
| M70.5C14R18 | 1/4" | 18R | .025" | \$9.79 |
| M70.5C14R24 | 1/4" | 24R | .025" | \$9.79 |
| M70.5C38H3 | 3/8" | 3H | .025" | \$10.62 |
| M70.5C38H4 | 3/8" | 4H | .025" | \$10.62 |
| M70.5C38H6 | 3/8" | 6H | .025" | \$10.62 |
| M70.5C38R8 | 3/8" | 8R | .025" | \$10.62 |
| M70.5C38R10 | 3/8" | 10R | .025" | \$10.62 |
| M70.5C38R14 | 3/8" | 14R | .025" | \$10.62 |
| M70.5C38R18 | 3/8" | 18R | .025" | \$10.62 |
| M70.5C38R24 | 3/8" | 24R | .025" | \$11.05 |
| M70.5C12H3 | 1/2" | 3H | .025" | \$11.55 |
| M70.5C12H4 | 1/2" | 4 H | .025" | \$11.55 |
| M70.5C12H6 | 1/2" | 6H | .025" | \$11.55 |
| M70.5C12R10 | 1/2" | 10R | .025" | \$11.55 |
| M70.5C12R14 | 1/2" | 14R | .025" | \$11.55 |
| M70.5C12R18 | 1/2" | 18R | .025" | \$11.55 |
| M70.5C12R24 | 1/2" | 24R | .025" | \$11.55 |

Three Wheeler Bandsaw Blades 70-1/2" (5' 10-1/2") Long


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B70.5W14H6 | 1/4" | 6H | .014" | \$11.91 |
| B70.5W14R14 | 1/4" | 14R | .014" | \$11.91 |
| B70.5W14R24 | 1/4" | 24R | .014" | \$11.91 |
| B70.5W38H6 | 3/8" | 6H | .014" | \$11.91 |
| B70.5W38R14 | 3/8" | 14R | .014" | \$11.91 |
| B70.5W38R24 | 3/8" | 24R | .014" | \$11.91 |
| Carbon Steel Bandsaw Blade 70-1/2" (5' 10-1/2") Long |  |  |  |  |

Bi-metal Bandsaw Blade 70-1/2" (5' 10-1/2") Long

IMIAGNATIE" ${ }^{\text {m }}$
Tool No. Width Tooth Thickness Price

$|$| $\mid$ M70.5M14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 31.86$ |
| :--- | :--- | :---: | :--- | :--- |
| M70.5M14V10 | $1 / 4^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M14V14 | $1 / 4^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M38V10 | $3 / 8^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M38V14 | $3 / 8^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12V6 | $1 / 2^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12V8 | $1 / 2^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12V10 | $1 / 2^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12T14 | $1 / 2^{\prime \prime}$ | 14 | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12V14 | $1 / 2^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 31.86$ |
| M70.5M12T18 | $1 / 2^{\prime \prime}$ | 18 | $.025^{\prime \prime}$ | $\$ 31.86$ |

## Carbide Tipped Bandsaw Blade 70-1/2" (5' 10-1/2") Long <br> 

Tool No. Width Tooth Thickness Price

| M70.5E12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 119.38$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |


Carbide Impregnated Bandsaw Blade

Tool No. Width Tooth Thickness Price

| B70.5G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 26.33$ |
| :--- | :--- | :--- | :--- | :--- |
| B70.5G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 24.62$ |
| B70.5G12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 25.50$ |











Carbide Grit Gulleted Bandsaw Blade
85" (7'1") Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Material

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting 1/4" (6.4mm) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M85G38MG | 3/8" | .025" | \$181. |
| M85G12MG | 1/2" | .025" | \$187.3 |
| Carbide Grit Continuous Bandsaw Blade 85" (7' 1") Long, Med-Coarse <br> For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |
|  |  | A (CN |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M85G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 172.62$ |
| M85G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 193.09$ |

## Carbon Steel Bandsaw Blade

 89-1/2" (7' 5-1/2") Long

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| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: |
| M89.5C18R14 | 1/8" | 14R | .025" | \$15.72 |
| M89.5C18R18 | 1/8" | 18R | .025" | \$15.72 |
| M89.5C316S4 | 3/16" | 4S | .025" | \$13.71 |
| M89.5C316S6 | 3/16" | 6S | .025" | \$13.36 |
| M89.5C316R10 | 3/16" | 10R | .025" | \$13.71 |
| M89.5C316R14 | 3/16" | 14R | .025" | \$13.71 |
| M89.5C316R18 | 3/16" | 18R | .025" | \$13.71 |
| M89.5C316R24 | 3/16" | 24R | .025" | \$13.71 |
| M89.5C14H4 | 1/4" | 4H | .025" | \$11.17 |
| M89.5C14H6 | 1/4" | 6H | .025" | \$11.17 |
| M89.5C14R10 | 1/4" | 10R | .025" | \$11.17 |
| M89.5C14R14 | 1/4" | 14R | .025" | \$11.17 |
| M89.5C14R18 | 1/4" | 18R | .025" | \$11.17 |
| M89.5C14R24 | 1/4" | 24R | .025" | \$11.17 |
| M89.5C38H3 | 3/8" | 3H | .025" | \$12.21 |
| M89.5C38H4 | 3/8" | 4H | .025" | \$12.21 |
| M89.5C38H6 | 3/8" | 6 H | .025" | \$12.21 |
| M89.5C38R8 | 3/8" | 8R | .025" | \$12.21 |
| M89.5C38R10 | 3/8" | 10R | .025" | \$12.21 |
| M89.5C38R14 | 3/8" | 14R | .025" | \$12.21 |
| M89.5C38R18 | 3/8" | 18R | .025" | \$12.21 |
| M89.5C38R24 | 3/8" | 24R | .025" | \$12.33 |
| M89.5C12H3 | 1/2" | 3H | .025" | \$13.36 |
| M89.5C12H4 | 1/2" | 4H | .025" | \$13.36 |
| M89.5C12H6 | 1/2" | 6H | .025" | \$13.36 |
| M89.5C12R10 | 1/2" | 10R | .025" | \$13.36 |
| M89.5C12R14 | 1/2" | 14R | .025" | \$13.36 |
| M89.5C12R18 | 1/2" | 18R | .025" | \$13.36 |
| M89.5C12R24 | 1/2" | 24R | .025" | \$13.36 |
| M89.5C58H3 | 5/8" | 3H | .032" | \$15.57 |
| M89.5C58H4 | 5/8" | 4H | .032" | \$15.57 |
| M89.5C58R10 | 5/8" | 10R | .032" | \$15.57 |
| M89.5C58R14 | 5/8" | 14R | .032" | \$15.57 |
| M89.5C34H2 | 3/4" | 2H | .032" | \$15.57 |
| M89.5С34Н3 | 3/4" | 3H | .032" | \$15.57 |
| M89.5C34H4 | 3/4" | 4H | .032" | \$15.57 |
| M89.5C34H6 | 3/4" | 6 H | .032" | \$15.57 |
| M89.5C34R6 | 3/4" | 6R | .032" | \$15.57 |
| M89.5C34R10 | 3/4" | 10R | .032" | \$15.57 |
| M89.5C34R14 | 3/4" | 14R | .032" | \$15.57 |
| M89.5C34R18 | 3/4" | 18R | .032" | \$15.57 |

Bi-metal Bandsaw Blade 89-1/2" (7' 5-1/2") Long


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| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M89.5M14H6 | 1/4" | 6H | .025" | \$40.40 |
| M89.5M14V10 | 1/4" | $10-14 \mathrm{~V}$ | .025" | \$40.40 |
| M89.5M14V14 | 1/4" | 14-18V | .025" | \$40.40 |
| M89.5M38H4 | 3/8" | 4H | .025" | \$40.40 |
| M89.5M38V10 | 3/8" | $10-14 \mathrm{~V}$ | .025" | \$40.40 |
| M89.5M38V14 | 3/8" | 14-18V | .025" | \$40.40 |
| M89.5M12H3 | 1/2" | 3H | .025" | \$40.40 |
| M89.5M12H4 | 1/2" | 4H | .025" | \$40.40 |
| M89.5M12H6 | 1/2" | 6 H | .025" | \$40.40 |
| M89.5M12V6 | 1/2" | 6-10V | .025" | \$40.40 |
| M89.5M12V8 | 1/2" | 8-12V | .025" | \$40.40 |
| M89.5M12V10 | 1/2" | 10-14V | .025" | \$40.40 |
| M89.5M12T14 | 1/2" | 14 | .025" | \$40.40 |
| M89.5M12V14 | 1/2" | 14-18V | .025" | \$40.40 |
| M89.5M12T18 | 1/2" | 18 | .025" | \$40.40 |
| M89.5M58V10 | 5/8" | $10-14 \mathrm{~V}$ | .032" | \$42.84 |
| M89.5M34H3 | 3/4" | 3H | .035" | \$42.84 |
| M89.5M34V4 | 3/4" | 4-6V | .035" | \$42.84 |
| M89.5M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$42.84 |
| M89.5M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$42.84 |
| M89.5M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$42.84 |
| M89.5M34V10 | 3/4" | 10-14V | .035" | \$42.84 |
| M89.5M34W14 | 3/4" | 14W | .035" | \$42.84 |
| M89.5M34W18 | 3/4" | 18W | .035" | \$42.84 |
| Carbide Tipped Bandsaw Blade 89-1/2" (7' 5-1/2") Long |  |  |  |  |



Tool No. Width Tooth Thickness Price

| B89.5H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 19.07$ |
| :--- | :--- | :--- | :--- | :--- |






This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M91G38MG | 3/8" | .025" | \$193.2 |
| M91G12MG | 1/2" | .025" | \$199 |
| M91G34MG | 3/4" | 032" | \$213.1 |
| Carbide Grit Continuous Bandsaw Blade 91" (7' 7") Long, Med-Coarse <br> For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |
|  |  | $A(G N$ |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M91G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 184.19$ |
| M91G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 205.40$ |

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## Carbon Steel Bandsaw Blade <br> 92" (7' 8") Long <br>  <br> VIIAGNATIE"

Tool No. Width Tooth Thickness Pric

| M92C18R14 | $1 / 8^{\prime \prime}$ | 14R | $.025^{\prime \prime}$ | $\$ 16.29$ |
| :--- | :--- | :--- | :--- | :--- |
| M92C18R18 | $1 / 8^{\prime \prime}$ | 18R | $.025^{\prime \prime}$ | $\$ 16.29$ |
| M92C316S4 | $3 / 16^{\prime \prime}$ | $4 S$ | $.025^{\prime \prime}$ | $\$ 14.19$ |


| M92C316S4 | $3 / 16^{\prime \prime}$ | 4 S | $.025^{\prime \prime}$ | $\$ 14.19$ |
| :--- | :--- | :--- | :--- | :--- |
| M92C316S6 | $3 / 16^{\prime \prime}$ | 6 S | $.025^{\prime \prime}$ | $\$ 13.97$ |


$|$| M92C316R10 | $3 / 16^{\prime \prime}$ | 10R | $.025 "$ | \$13.97 |
| :--- | :--- | :--- | :--- | :--- |
| M92C316R14 | $3 / 16^{\prime \prime}$ | 14 R | $.025 "$ | $\$ 14.19$ |
| M92C316 |  |  |  |  |


| M92C316R18 | $3 / 16^{\prime \prime}$ | 18 R | $.025^{\prime \prime}$ | $\$ 14.19$ |
| :--- | :---: | :---: | :---: | :---: |
| M92C316R24 | $3 / 16^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 14.19$ |
| M92C14H4 | $1 / 4^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 11.62$ |


| M92C14H6 | $1 / 4^{\prime \prime}$ | 6H | $.025^{\prime \prime}$ | $\$ 11.62$ |
| :---: | :---: | :---: | :---: | :---: |
| M92C14R10 | $1 / 4^{\prime \prime}$ | 10 R | $.025 "$ | $\$ 11.62$ |$|$


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| M92C14R14 | 1/4" | 14R | .025" | \$11.62 |
| M92C14R18 | 1/4" | 18R | .025" | \$11.62 |
| M92C14R24 | 1/4" | 24R | .025" | \$11.62 |


$|$| M92C38H3 | $3 / 8^{\prime \prime}$ | 3 H | $.025 "$ | $\$ 12.72$ |
| :--- | :--- | :--- | :--- | :--- |
| M92C38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025 "$ | $\$ 12.72$ |
| M92C38H6 | $3 / 8^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 12.72$ |


| $\|c\|$ | M92C38H6 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ |
| :---: | :--- | :--- | :--- | :--- |
| M92C38R8 | $3 / 8^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 12.72$ |
| M92 | 8R | $.025^{\prime \prime}$ | $\$ 12.72$ |  |


| M92C38R8 | 3/8" | 8R | .025" | \$12.72 |
| :---: | :---: | :---: | :---: | :---: |
| M92C38R10 | 3/8" | 10R | .025" | \$12.72 |
| M92C38R14 | 3/8" | 14R | .025" | \$1 |


$|$| M92C38R14 | $3 / 8^{\prime \prime}$ | 14 R | $.025^{\prime \prime}$ | $\$ 12.72$ |
| :---: | :---: | :---: | :---: | :---: |
| M92C38R18 | $3 / 8^{\prime \prime}$ | 18 R | $.025^{\prime \prime}$ | $\$ 12.72$ |
| M92C38R24 | $3 / 8^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 12.81$ |
| M92C12H3 | $1 / 2^{\prime \prime}$ | $3 H$ | $.025^{\prime \prime}$ | $\$ 13.9$ |


| M92C12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 13.97$ |
| :--- | :--- | :--- | :--- | :--- |
| M92C12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 13.97$ |
| M92C12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\mathbf{\$ 1 3 . 9 7}$ |


| M92C12H6 | $1 / 2^{\prime \prime}$ | 6H | $.025^{\prime \prime}$ | $\$ 13.97$ |
| :--- | :--- | :--- | :--- | :--- |
| M92C12R10 | $1 / 2^{\prime \prime}$ | 10R | $.025^{\prime \prime}$ | $\$ 13.97$ |
| M2C12R14 | $1 / 2^{\prime \prime}$ | $14 R$ | $.02 "^{\prime \prime}$ | $\$ 13.97$ |


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| M92C12R14 | 1/2" | 14R | .025" | \$13.97 |
| M92C12R18 | 1/2" | 18R | .025" | \$13.97 |
| M92C12R24 | 1/2" | 24R | .025" | \$13.97 |
| M92C58H3 | 5/8" | 3H | .032" | \$16.31 |
| M92C58H4 | 5/8" | 4H | .032" | \$16.31 |
| M92C58R10 | 5/8" | 10R | .032" | \$16.31 |
| M92C58R14 | 5/8" | 14R | .032" | \$16.31 |
| M92C34H2 | 3/4" | 2H | .032" | \$16.31 |
| M92C34H3 | 3/4" | 3H | .032" | \$16.31 |
| M92C34H4 | 3/4" | 4H | .032" | \$16.31 |
| M92C34H6 | 3/4" | 6H | .032" | \$16.31 |
| M92C34R6 | 3/4" | 6R | .032" | \$16.31 |
| M92C34R10 | 3/4" | 10R | .032" | \$16.31 |
| M92C34R14 | 3/4" | 14R | .032" | \$16.31 |
| M92C34R18 | 3/4" | 18R | .032" | \$16.31 |

Bi-metal Bandsaw Blade 92" (7' 8") Long

IJIAGNATIE ${ }^{\text {m }}$


Tool No. Width Tooth Thickness Price

| B92H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 19.77$ |
| :--- | :--- | :--- | :--- | :--- |






This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M93G38MG | 3/8" | .025" | \$197.3 |
| M93G12MG | 1/2" | .025" | \$204 |
| M93G34MG | 3/4" | 032" | \$218.9 |
| Carbide Grit Continuous Bandsaw Blade 93" (7' 9") Long, Med-Coarse <br> For 1/4" ( 6.4 mm ) or Thinner Material |  |  |  |
|  |  | ACN |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M93G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 188.0$ |
| M93G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 205.40$ |



## Carbon Steel Bandsaw Blade 93-1/2" (7' 9-1/2") Long <br>  <br> VIIAGNATIE"

| M93.5C18R14 | 1/8" | 14R | .025" | \$16.29 |
| :---: | :---: | :---: | :---: | :---: |
| M93.5C18R18 | 1/8" | 18R | .025" | \$16.29 |
| M93.5C316S4 | 3/16" | 4 S | .025" | \$14.19 |
| M93.5C316S6 | 3/16" | 6 S | .025" | \$13.97 |
| M93.5C316R10 | 3/16" | 10R | .025" | \$14.19 |
| M93.5C316R14 | 3/16" | 14R | .025" | \$14.19 |
| M93.5C316R18 | 3/16" | 18R | .025" | \$14.19 |
| M93.5C316R24 | 3/16" | 24R | .025" | \$14.19 |
| M93.5C14H4 | 1/4" | 4H | .025" | \$11.62 |
| M93.5C14H6 | 1/4" | 6H | .025" | \$11.62 |
| M93.5C14R10 | 1/4" | 10R | .025" | \$11.62 |
| M93.5C14R14 | 1/4" | 14R | .025" | \$11.62 |
| M93.5C14R18 | 1/4" | 18R | .025" | \$11.62 |
| M93.5C14R24 | 1/4" | 24R | .025" | \$11.62 |
| M93.5C38H3 | 3/8" | 3H | .025" | \$12.72 |
| M93.5C38H4 | 3/8" | 4H | .025" | \$12.72 |
| M93.5C38H6 | 3/8" | 6H | .025" | \$12.72 |
| M93.5C38R8 | 3/8" | 8R | .025" | \$12.72 |
| M93.5C38R10 | 3/8" | 10R | .025" | \$12.72 |
| M93.5C38R14 | 3/8" | 14R | .025" | \$12.72 |
| M93.5C38R18 | 3/8" | 18R | .025" | \$12.72 |
| M93.5C38R24 | 3/8" | 24R | .025" | \$12.81 |
| M93.5C12H3 | 1/2" | 3H | .025" | \$13.97 |
| M93.5C12H4 | 1/2" | 4H | .025" | \$13.97 |
| M93.5C12H6 | 1/2" | 6H | .025" | \$13.97 |
| M93.5C12R10 | 1/2" | 10R | .025" | \$13.97 |
| M93.5C12R14 | 1/2" | 14R | .025" | \$13.97 |
| M93.5C12R18 | 1/2" | 18R | .025" | \$13.97 |
| M93.5C12R24 | 1/2" | 24R | .025" | \$13.97 |
| M93.5C58H3 | 5/8" | 3H | .032" | \$16.31 |
| M93.5C58H4 | 5/8" | 4H | .032" | \$16.31 |
| M93.5C58R10 | 5/8" | 10R | .032" | \$16.31 |
| M93.5C58R14 | 5/8" | 14R | .032" | \$16.31 |
| M93.5C34H2 | 3/4" | 2 H | .032" | \$16.31 |
| M93.5C34H3 | 3/4" | 3 H | .032" | \$16.31 |
| M93.5C34H4 | 3/4" | 4H | .032" | \$16.31 |
| M93.5C34H6 | 3/4" | 6 H | .032" | \$16.31 |
| M93.5C34R6 | 3/4" | 6R | .032" | \$16.31 |
| M93.5C34R10 | 3/4" | 10R | .032" | \$16.31 |
| M93.5C34R14 | 3/4" | 14R | .032" | \$16.31 |
| M93.5C34R18 | 3/4" | 18R | .032" | \$16.31 |


| M93.5C18R14 | 1/8" | 14R | .025" | \$16.29 |
| :---: | :---: | :---: | :---: | :---: |
| M93.5C18R18 | 1/8" | 18R | .025" | \$16.29 |
| M93.5C316S4 | 3/16" | 4S | .025" | \$14.19 |
| M93.5C316S6 | 3/16" | 6S | .025" | \$13.97 |
| M93.5C316R10 | 3/16" | 10R | .025" | \$14.19 |
| M93.5C316R14 | 3/16" | 14R | .025" | \$14.19 |
| M93.5C316R18 | 3/16" | 18R | .025" | \$14.19 |
| M93.5C316R24 | 3/16" | 24R | .025" | \$14.19 |
| M93.5C14H4 | 1/4" | 4H | .025" | \$11.62 |
| M93.5C14H6 | 1/4" | 6H | .025" | \$11.62 |
| M93.5C14R10 | 1/4" | 10R | .025" | \$11.62 |
| M93.5C14R14 | 1/4" | 14R | .025" | \$11.62 |
| M93.5C14R18 | 1/4" | 18R | .025" | \$11.62 |
| M93.5C14R24 | 1/4" | 24R | .025" | \$11.62 |
| M93.5C38H3 | 3/8" | 3H | .025" | \$12.72 |
| M93.5C38H4 | 3/8" | 4H | .025" | \$12.72 |
| M93.5C38H6 | 3/8" | 6H | .025" | \$12.72 |
| M93.5C38R8 | 3/8" | 8R | .025" | \$12.72 |
| M93.5C38R10 | 3/8" | 10R | .025" | \$12.72 |
| M93.5C38R14 | 3/8" | 14R | .025" | \$12.72 |
| M93.5C38R18 | 3/8" | 18R | .025" | \$12.72 |
| M93.5C38R24 | 3/8" | 24R | .025" | \$12.81 |
| M93.5C12H3 | 1/2" | 3H | .025" | \$13.97 |
| M93.5C12H4 | 1/2" | 4H | .025" | \$13.97 |
| M93.5C12H6 | 1/2" | 6H | .025" | \$13.97 |
| M93.5C12R10 | 1/2" | 10R | .025" | \$13.97 |
| M93.5C12R14 | 1/2" | 14R | .025" | \$13.97 |
| M93.5C12R18 | 1/2" | 18R | .025" | \$13.97 |
| M93.5C12R24 | 1/2" | 24R | .025" | \$13.97 |
| M93.5C58H3 | 5/8" | 3H | .032" | \$16.31 |
| M93.5C58H4 | 5/8" | 4H | .032" | \$16.31 |
| M93.5C58R10 | 5/8" | 10R | .032" | \$16.31 |
| M93.5C58R14 | 5/8" | 14R | .032" | \$16.31 |
| M93.5C34H2 | 3/4" | 2H | .032" | \$16.31 |
| M93.5C34H3 | 3/4" | 3H | .032" | \$16.31 |
| M93.5C34H4 | 3/4" | 4H | .032" | \$16.31 |
| M93.5C34H6 | 3/4" | 6H | .032" | \$16.31 |
| M93.5C34R6 | 3/4" | 6R | .032" | \$16.31 |
| M93.5C34R10 | 3/4" | 10R | .032" | \$16.31 |
| M93.5C34R14 | 3/4" | 14R | .032" | \$16.31 |
| M93.5C34R18 | 3/4" | 18R | .032" | \$16.31 |

## Bi-metal Bandsaw Blade 93-1/2" (7' 9-1/2") Long <br> 

| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M93.5M14H6 | 1/4" | 6H | .025" | \$45.09 |
| M93.5M14V10 | 1/4" | $10-14 \mathrm{~V}$ | .025" | \$42.52 |
| M93.5M14V14 | 1/4" | 14-18V | .025" | \$42.52 |
| M93.5M38H4 | 3/8" | 4H | .025" | \$42.52 |
| M93.5M38V10 | 3/8" | 10-14V | .025" | \$42.52 |
| M93.5M38V14 | 3/8" | 14-18V | .025" | \$42.52 |
| M93.5M12H3 | 1/2" | 3H | .025" | \$42.52 |
| M93.5M12H4 | 1/2" | 4H | .025" | \$42.52 |
| M93.5M12H6 | 1/2" | 6H | .025" | \$42.52 |
| M93.5M12V6 | 1/2" | 6-10V | .025" | \$42.52 |
| M93.5M12V8 | 1/2" | 8-12V | .025" | \$42.52 |
| M93.5M12V10 | 1/2" | 10-14V | .025" | \$42.52 |
| M93.5M12T14 | 1/2" | 14 | .025" | \$42.52 |
| M93.5M12V14 | 1/2" | $14-18 \mathrm{~V}$ | .025" | \$42.52 |
| M93.5M12T18 | 1/2" | 18 | .025" | \$42.52 |
| M93.5M58V10 | 5/8" | 10-14V | .032" | \$45.09 |
| M93.5M34H3 | 3/4" | 3H | .035" | \$45.09 |
| M93.5M34V4 | 3/4" | 4-6V | .035" | \$45.09 |
| M93.5M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$45.09 |
| M93.5M34V6 | 3/4" | 6-10V | .035" | \$45.09 |
| M93.5M34V8 | 3/4" | 8-12V | .035" | \$45.09 |
| M93.5M34V10 | 3/4" | 10-14V | .035" | \$45.09 |
| M93.5M34W14 | 3/4" | 14W | .035" | \$45.09 |
| M93.5M34W18 | 3/4" | 18W | .035" | \$45.09 |
| Carbide Tipped Bandsaw Blade 93-1/2" (7' 9-1/2") Long |  |  |  |  |

Tool No. Width Tooth Thickness Price

Tool No. Width Tooth Thickness Price

| M93.5E12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 169.70$ |
| :--- | :--- | :--- | :--- | :--- |
| M93.5E34T3 | $3 / 4^{\prime \prime}$ | 3 | $.032^{\prime \prime}$ | $\$ 186.20$ |



Tool No. Width Tooth Thickness Price

| B93.5H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 19.77$ |
| :--- | :--- | :--- | :--- | :--- |



| Bi-metal Bandsaw Blade 95" (7' 11") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price |
| M95M14H6 | 1/4" | 6 H | .025" | \$45.09 |
| M95M14V10 | 1/4" | $10-14 \mathrm{~V}$ | .025" | \$42.52 |
| M95M14V14 | 1/4" | $14-18 \mathrm{~V}$ | .025" | \$42.52 |
| M95M38H4 | 3/8" | 4H | .025" | \$42.52 |
| M95M38V10 | 3/8" | 10-14V | .025" | \$42.52 |
| M95M38V14 | 3/8" | 14-18V | .025" | \$42.52 |
| M95M12H3 | 1/2" | 3H | .025" | \$42.52 |
| M95M12H4 | 1/2" | 4H | .025" | \$42.52 |
| M95M12H6 | 1/2" | 6 H | .025" | \$42.52 |
| M95M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$42.52 |
| M95M12V8 | 1/2" | $8-12 \mathrm{~V}$ | .025" | \$42.52 |
| M95M12V10 | 1/2" | $10-14 \mathrm{~V}$ | .025" | \$42.52 |
| M95M12T14 | 1/2" | 14 | .025" | \$42.52 |
| M95M12V14 | 1/2" | 14-18V | .025" | \$42.52 |
| M95M12T18 | 1/2" | 18 | .025" | \$42.52 |
| M95M58V10 | 5/8" | $10-14 \mathrm{~V}$ | .032" | \$45.09 |
| M95M34H3 | 3/4" | 3H | .035" | \$45.09 |
| M95M34V4 | 3/4" | 4-6V | .035" | \$45.09 |
| M95M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$45.09 |
| M95M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$45.09 |
| M95M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$45.09 |
| M95M34V10 | 3/4" | 10-14V | .035" | \$45.09 |
| M95M34W14 | 3/4" | 14W | .035" | \$45.09 |
| M95M34W18 | 3/4" | 18W | .035" | \$45.09 |

## Carbide Impregnated Bandsaw Blade 95" (7' 11") Long <br>  <br> SUPERCUT?

| Tool No. | Width | Tooth | Thickness | Price |
| :--- | :---: | :---: | :---: | :---: |
| B95G14H6 | $1 / 4^{\prime \prime}$ | $6 H$ | $.025^{\prime \prime}$ | $\mathbf{\$ 3 0 . 0 3}$ |
| B95G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\mathbf{\$ 2 8 . 4 5}$ |
| B95G12H3 | $1 / 2^{\prime \prime}$ | $3 H$ | $.025^{\prime \prime}$ | $\mathbf{\$ 2 9 . 6 5}$ |

Hawc Pro Resaw Bandsaw Blade
95" (7' 11") Long


WoodSaver Plus Resaw Bandsaw Blades 95" (7' 11") Long


## SUPERCUTI

\section*{| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| 395P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.0255^{\prime \prime}$ | $\$ 69.58$ | <br> WoodSaver Resaw Bandsaw Blades 95" (7' 11") Long <br> }

Tool No. Width Tooth Thickness Price

| B95S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025 "$ | $\$ 59.47$ |
| :--- | :--- | :--- | :--- | :--- |

Carbide Grit Gulleted Bandsaw Blade 95" (7' 11") Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Material


## IUAGNATEE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M95G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 201.36$ |
| M95G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 208.35$ |
| M95G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 222.10$ |

Carbide Grit Continuous Bandsaw Blade 95" (7' 11") Long, Med-Coarse
For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


## IMAGNATIE ${ }^{\text {m }}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :--- |
| M95G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 191.91$ |
| M95G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 205.40$ |

## Bi-metal Bandsaw Blade

 96" (8') Long
## OMIAGNAATE ${ }^{\text {m }}$

Tool No. Width Tooth Thickness Price

| M96M14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 45.09$ |
| :--- | :--- | :---: | :---: | :---: |
| M96M14V10 | $1 / 4^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M14V14 | $1 / 4^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M38V10 | $3 / 8^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M38V14 | $3 / 8^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12V6 | $1 / 2^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12V8 | $1 / 2^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12V10 | $1 / 2^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12T14 | $1 / 2^{\prime \prime}$ | 14 | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12V14 | $1 / 2^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M12T18 | $1 / 2^{\prime \prime}$ | 18 | $.025^{\prime \prime}$ | $\$ 42.52$ |
| M96M58V10 | $5 / 8^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.032^{\prime \prime}$ | $\$ 45.09$ |
| M96M34H3 | $3 / 4^{\prime \prime}$ | 3 H | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34V4 | $3 / 4^{\prime \prime}$ | $4-6 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34V5 | $3 / 4^{\prime \prime}$ | $5-8 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34V6 | $3 / 4^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34V8 | $3 / 4^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34V10 | $3 / 4^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34W14 | $3 / 4^{\prime \prime}$ | 14 W | $.035^{\prime \prime}$ | $\$ 45.09$ |
| M96M34W18 | $3 / 4^{\prime \prime}$ | 18 W | $.035^{\prime \prime}$ | $\$ 45.09$ |

Tool No. Width Tooth Thickness Price | B95H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 19.77$ |
| :--- | :--- | :--- | :--- | :--- |

| Carbon Steel Bandsaw Blade 96" (8') Long |  |  |  |  | Carbide Grit Gulleted Bandsaw Blade 96" (8') Long, Med-Coarse <br> For 1/4" (6.4mm) or Thicker Material |  |  |  | Carbon Steel Bandsaw Blade 97" (8' 1") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price |  |  |  |  | Tool No. | Width | Tooth | Thickness | Price |
| M96C18R14 | $1 / 8{ }^{\prime \prime}$ | 14R | .025" | \$16.29 |  |  |  |  | M97C18R14 | $1 / 8{ }^{\prime \prime}$ | 14R | .025" | \$16.93 |
| M96C18R18 | 1/8" | 18R | .025" | \$16.29 | This blade | T us | woodcu | t it | M97C18R18 | $1 / 8{ }^{\prime \prime}$ | 18R | .025" | \$16.93 |
| M96C316S4 | 3/16" | 4S | .025" | \$14.19 | MUST be | with a | od cutting | nd saw. | M97C316S4 | 3/16" | 4S | .025" | \$14.79 |
| M96C316S6 | 3/16" | 6 S | .025" | \$13.97 | DO NOT u | metal-c | g band saw | ith it. It | M97C316S6 | 3/16" | 6 S | .025" | \$14.57 |
| M96C316R10 | 3/16" | 10R | .025" | \$14.19 | cuts abrasiv | nd hard | ed materials | such as | M97C316R10 | 3/16" | 10R | .025" | \$14.79 |
| M96C316R14 | 3/16" | 14R | .025" | \$14.19 | wire-reinfo | rubber, | el belted r | al tires, | M97C316R14 | 3/16" | 14R | .025" | \$14.79 |
| M96C316R18 | 3/16" | 18R | .025" | \$14.19 | ceramics, fi | ass, co | osites, harde | d steel, | M97C316R18 | 3/16" | 18R | .025" | \$14.79 |
| M96C316R24 | 3/16" | 24R | .025" | \$14.19 | cast iron (g | with vo | ), graphite, | d case- | M97C316R24 | 3/16" | 24R | .025" | \$14.79 |
| M96C14H4 | 1/4" | 4H | .025" | \$11.62 | hardened n | ials. A | gulleted carb | de grit | M97C14H4 | 1/4" | 4H | .025" | \$12.09 |
| M96C14H6 | 1/4" | 6H | .025" | \$11.62 | bandsaw bla | s ideal | cutting 1/4" | 6.4 mm ) | M97C14H6 | 1/4" | 6H | .025" | \$12.09 |
| M96C14R10 | 1/4" | 10R | .025" | \$11.62 | or thicker m | ials; wh | a continuous | blade is | M97C14R10 | 1/4" | 10R | .025" | \$12.09 |
| M96C14R14 | 1/4" | 14R | .025" | \$11.62 | ideal for | ng 1/4 | $(6.4 \mathrm{~mm})$ or | thinner | M97C14R14 | 1/4" | 14R | .025" | \$12.09 |
| M96C14R18 | 1/4" | 18R | .025" | \$11.62 | materials. |  |  |  | M97C14R18 | 1/4" | 18R | .025" | \$12.09 |
| M96C14R24 | 1/4" | 24R | .025" | \$11.62 |  |  |  |  | M97C14R24 | 1/4" | 24R | .025" | \$12.09 |
| M96C38H3 | 3/8" | 3H | .025" | \$12.72 | Tool No. | Width | Thickness | Price | M97C38H3 | 3/8" | 3H | .025" | \$13.26 |
| M96C38H4 | 3/8" | 4H | .025" | \$12.72 | M96G38MG | 3/8" | .025" | \$203.38 | M97C38H4 | 3/8" | 4H | .025" | \$13.26 |
| M96C38H6 | 3/8" | 6H | .025" | \$12.72 | M96G12MG | 1/2" | .025" | \$210.4 | M97C38H6 | 3/8" | 6H | .025" | \$13.26 |
| M96C38R8 | 3/8" | 8R | .025" | \$12.72 | M96G34MG | 3/4" | 032" | \$218.93 | M97C38R8 | 3/8" | 8R | .025" | \$13.26 |
| M96C38R10 | 3/8" | 10R | .025" | \$12.72 |  |  |  |  | M97C38R10 | 3/8" | 10R | .025" | \$13.26 |
| M96C38R14 | 3/8" | 14R | .025" | \$12.72 | Carbide |  |  |  | M97C38R14 | 3/8" | 14R | .025" | \$13.26 |
| M96C38R18 | 3/8" | 18R | .025" | \$12.72 |  | Long | ed-Coars |  | M97C38R18 | 3/8" | 18R | .025" | \$13.26 |
| M96C38R24 | 3/8" | 24R | .025" | \$12.81 | For 1/4" | nm) or | Thinner Ma | rial | M97C38R24 | 3/8" | 24R | .025" | \$13.17 |
| M96C12H3 | 1/2" | 3H | .025" | \$13.97 |  |  |  |  | M97C12H3 | 1/2" | 3H | .025" | \$14.57 |
| M96C12H4 | 1/2" | 4H | .025" | \$13.97 |  |  |  |  | M97C12H4 | 1/2" | 4H | .025" | \$14.57 |
| M96C12H6 | 1/2" | 6H | .025" | \$13.97 |  |  |  |  | M97C12H6 | 1/2" | 6H | .025" | \$14.57 |
| M96C12R10 | 1/2" | 10R | .025" | \$13.97 |  |  |  |  | M97C12R10 | 1/2" | 10R | .025" | \$14.57 |
| M96C12R14 | 1/2" | 14R | .025" | \$13.97 |  |  |  |  | M97C12R14 | 1/2" | 14R | .025" | \$14.57 |
| M96C12R18 | 1/2" | 18R | .025" | \$13.97 |  |  |  |  | M97C12R18 | 1/2" | 18R | .025" | \$14.57 |
| M96C12R24 | 1/2" | 24R | .025" | \$13.97 |  |  |  |  | M97C12R24 | 1/2" | 24R | .025" | \$14.57 |
| M96C58H3 | 5/8" | 3H | .032" | \$16.31 |  |  |  |  | M97C58H3 | 5/8" | 3H | .032" | \$17.07 |
| M96C58H4 | 5/8" | 4H | .032" | \$16.31 |  |  |  |  | M97C58H4 | 5/8" | 4H | .032" | \$17.07 |
| M96C58R10 | 5/8" | 10R | .032" | \$16.31 | ST be | , | d cutting | saw. | M97C58R10 | 5/8" | 10R | .032" | \$17.07 |
| M96C58R14 | 5/8" | 14R | .032" | \$16.31 |  |  |  |  | M97C58R14 | 5/8" | 14R | .032" | \$17.07 |
| M96C34H2 | 3/4" | 2H | .032" | \$16.31 |  |  |  | such as | M97C34H2 | 3/4" | 2H | .032" | \$17.07 |
| M96C34H3 | 3/4" | 3H | .032" | \$16.31 |  | ha |  |  | M97C34H3 | 3/4" | 3H | .032" | \$17.07 |
| M96C34H4 | 3/4" | 4H | .032" | \$16.31 | amics, |  | ites, hard | steel, | M97C34H4 | 3/4" | 4H | .032" | \$17.07 |
| M96C34H6 | 3/4" | 6H | .032" | \$16.31 |  | , | , | stee, | M97C34H6 | 3/4" | 6H | .032" | \$17.07 |
| M96C34R6 | 3/4" | 6R | .032" | \$16.31 |  |  |  |  | M97C34R6 | 3/4" | 6R | .032" | \$17.07 |
| M96C34R10 | 3/4" | 10R | .032" | \$16.31 |  |  | cutting 1/4" |  | M97C34R10 | 3/4" | 10R | .032" | \$17.07 |
| M96C34R14 | 3/4" | 14R | .032" | \$16.31 |  |  |  |  | M97C34R14 | 3/4" | 14R | .032" | \$17.07 |
| M96C34R18 | 3/4" | 18R | .032" | \$16.31 |  | g $1 / 4$ | $(6.4 \mathrm{~mm})$ or | thinner | M97C34R18 | 3/4" | 18R | .032" | \$17.07 |

Carbide Grit Gulleted Bandsaw Blade
96" (8') Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Material


## IJIAGNATE ${ }^{m}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened stee, hardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

Carbide Grit Continuous Bandsaw Blade
96" (8') Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casebandsaw blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thicker materials; while a continuous blade is materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M96G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 193.84$ |
| M96G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 205.40$ |


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M96E12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 169.70$ |
| M96E34T3 | $3 / 4^{\prime \prime}$ | 3 | $.032^{\prime \prime}$ | $\$ 186.20$ |

Carbon Steel Bandsaw Blade 97" (8' 1") Long IVIAGNATIE"


| Carbon Steel Bandsaw Blade 97-1/2" (8' 1-1/2") Long |  |  |  |  | Bi-metal Bandsaw Blade 97-1/2" (8' 1-1/2") Long |  |  |  |  | Carbide Grit Gulleted Bandsaw Blade 97-1/2" (8' 1-1/2") Long, Med-Coarse For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Material |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width |  | Thickness Price |  |  |  |  |  |
| M97.5C18R14 | 1/8" | 14R | .025" | \$16.93 | M97.5M14H6 | 1/4" | 6 H | .025" | \$44.66 |  |  |  |  |
| M97.5C18R18 | 1/8" | 18R | .025" | \$16.93 | M97.5M14V10 | 1/4" | 10-14V | .025" | \$44.66 | This blade is NOT used for woodcutting, but it |  |  |  |
| M97.5C316S4 | 3/16" | 4S | .025" | \$14.79 | M97.5M14V14 | 1/4" | 14-18V | .025" | \$44.66 |  |  |  |  |
| M97.5C316S6 | 3/16" | 6S | .025" | \$14.57 | M97.5M38H4 | 3/8" | 4H | .025" | \$44.66 | DO NOT use | al-c | band sa | it. It |
| M97.5C316R10 | 3/16" | 10R | .025" | \$14.79 | M97.5M38V10 | 3/8" | 10-14V | .025" | \$44.66 | cuts abrasive | hard | materia | ch as |
| M97.5C316R14 | 3/16" | 14R | .025" | \$14.79 | M97.5M38V14 | 3/8" | 14-18V | .025" | \$44.66 | wire-reinforce | ber, | belted | tires, |
| M97.5C316R18 | 3/16" | 18R | .025" | \$14.79 | M97.5M12H3 | 1/2" | 3H | .025" | \$44.66 | ceramics, fib | ss, com | ites, hard | steel, |
| M97.5C316R24 | 3/16" | 24R | .025" | \$14.79 | M97.5M12H4 | 1/2" | 4H | .025" | \$44.66 | cast iron (gr | h vo | graphite | case- |
| M97.5C14H4 | 1/4" | 4H | .025" | \$12.09 | M97.5M12H6 | 1/2" | 6 H | .025" | \$44.66 | hardened m | . A | lleted c | grit |
| M97.5C14H6 | 1/4" | 6 H | .025" | \$12.09 | M97.5M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$44.66 | bandsaw bla | deal | utting $1 /$ | 4mm) |
| M97.5C14R10 | 1/4" | 10R | .025" | \$12.09 | M97.5M12V8 | 1/2" | $8-12 \mathrm{~V}$ | .025" | \$44.66 | or thicker mater | ; wh | continuo | ade is |
| M97.5C14R14 | 1/4" | 14R | .025" | \$12.09 | M97.5M12V10 | 1/2" | 10-14V | .025" | \$44.66 | ideal for c | 1/4" | (6.4mm) | inner |
| M97.5C14R18 | 1/4" | 18R | .025" | \$12.09 | M97.5M12T14 | 1/2" | 14 | .025" | \$44.66 | materias |  |  |  |
| M97.5C14R24 | 1/4" | 24R | .025" | \$12.09 | M97.5M12V14 | 1/2" | 14-18V | .025" | \$44.66 |  |  |  |  |
| M97.5C38H3 | 3/8" | 3H | .025" | \$13.26 | M97.5M12T18 | 1/2" | 18 | .025" | \$47.31 | Tool No. | Width | Thickness | Price |
| M97.5C38H4 | 3/8" | 4H | .025" | \$13.26 | M97.5M58V10 | 5/8" | 10-14V | .032" | \$47.31 | M97.5G38MG | 3/8" | .025" | 206.43 |
| M97.5C38H6 | 3/8" | 6 H | .025" | \$13.26 | M97.5M34H3 | 3/4" | 3 H | .035" | \$47.31 | M97.5G12MG | 1/2" | .025" | 213.60 |
| M97.5C38R8 | 3/8" | 8R | .025" | \$13.26 | M97.5M34V4 | 3/4" | 4-6V | .035" | \$47.31 | M97.5G34MG | 3/4" | 032" | 227.69 |
| M97.5C38R10 | 3/8" | 10R | .025" | \$13.26 | M97.5M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$47.31 | Carbide Grit Continuous Bandsaw Blade 97-1/2" (8' 1-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |
| M97.5C38R14 | 3/8" | 14R | .025" | \$13.26 | M97.5M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$47.31 |  |  |  |  |
| M97.5C38R18 | 3/8" | 18R | .025" | \$13.26 | M97.5M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$47.31 |  |  |  |  |
| M97.5C38R24 | 3/8" | 24R | .025" | \$13.17 | M97.5M34V10 | 3/4" | 10-14V | .035" | \$47.31 |  |  |  |  |
| M97.5C12H3 | 1/2" | 3H | .025" | \$14.57 | M97.5M34W14 | 3/4" | 14W | .035" | \$47.31 |  |  |  |  |
| M97.5C12H4 | 1/2" | 4H | .025" | \$14.57 | M97.5M34W18 | 3/4" | 18W | .035" | \$47.31 |  |  |  |  |
| M97.5C12H6 | 1/2" | 6 H | .025" | \$14.57 | M97.5M1V2* | 1 " | 2-3V | .035" | \$54.05 |  |  |  |  |
| M97.5C12R10 | 1/2" | 10R | .025" | \$14.57 | M97.5M1H3* | $1{ }^{\prime \prime}$ | 3H | .035" | \$54.05 |  |  |  |  |
| M97.5C12R14 | 1/2" | 14R | .025" | \$14.57 | M97.5M1V3* | 1 " | 3-4V | .035" | \$54.05 |  |  |  |  |
| M97.5C12R18 | 1/2" | 18R | .025" | \$14.57 | M97.5M1V4* | $1{ }^{\prime \prime}$ | 4-6V | .035" | \$54.05 |  |  |  |  |
| M97.5C12R24 | 1/2" | 24R | .025" | \$14.57 |  | 1 " | $5-8 \mathrm{~V}$ | .035" | \$54.05 |  |  |  |  |
| M97.5C58H3 | 5/8" | 3H | .032" | \$17.07 |  | 1 " | $6-10 \mathrm{~V}$ | .035" | \$54.05 |  |  |  |  |
| M97.5C58H4 | 5/8" | 4H | .032" | \$17.07 | $\left\lvert\, \begin{array}{\|l} \text { M97.5M1V6* } \\ \text { M97.5M1V8* } \end{array}\right.$ | 1 " | 8-12V | .035" | \$54.05 |  |  |  |  |
| M97.5C58R10 | 5/8" | 10R | .032" | \$17.07 | M97.5M1V8* <br> M97.5M1V10* | M97.5M1V10* 1" 10-14V |  | .035" | \$54.05 | This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. |  |  |  |
| M97.5C58R14 | 5/8" | 14R | .032" | \$17.07 | * This 1" wide blade may wear out faster than usual due to its relatively short length |  |  |  |  | MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It |  |  |  |
| M97.5C34H2 | 3/4" | 2H | .032" | \$17.07 |  |  |  |  |  |  |  |  |  |
| M97.5C34H3 | 3/4" | 3H | .032" | \$17.07 |  |  |  |  |  | cuts abrasive and hardened materials such as |  |  |  |
| M97.5C34H4 | 3/4" | 4H | .032" | \$17.07 | Carbide Tipped Bandsaw Blade |  |  |  |  | wire-reinforced rubber, steel belted radial tires, |  |  |  |
| M97.5C34H6 | 3/4" | 6 H | .032" | \$17.07 | 97-1/2" (8' 1-1/2') Long |  |  |  |  | cast iron (grey with voids), graphite, and case- |  |  |  |
| M97.5C34R6 | 3/4" | 6R | .032" | \$17.07 |  |  |  |  |  | hardened materials. A gulleted carbide grit |  |  |  |
| M97.5C34R10 | 3/4" | 10R | .032" | \$17.07 |  |  |  |  |  | bandsaw blade | ideal for | cutting 1/4" | (6.4mm) |
| M97.5C34R14 | 3/4" | 14R | .032" | \$17.07 |  |  |  |  |  | or thicker materials; while a continuous blade is ideal for cutting $1 / 4$ " $(6.4 \mathrm{~mm})$ or thinner |  |  |  |
| M97.5C34R18 | 3/4" | 18R | .032" | \$17.07 | Tool No. | Width Tooth |  | Thickness | Price |  |  |  |  |
|  |  |  |  |  | M97.5E12T3 | 1/2" | 3 | .025" | \$179.78 |  |  |  |  |
|  |  |  |  |  | M97.5E34T3 | 3/4" | 3 | .032" | \$197.25 | Tool No. | Width | Thickness | Price |
|  |  |  |  |  | M97.5E1T1.3 | 1 " | 1.3 | .035" | \$197.25 |  |  |  |  |
|  |  |  |  |  | M97.5E1T2 | $1 "$ | 2 | .035" | \$197.25 | M97.5G14MC | 1/4" | .020" | \$196.73 |
|  |  |  |  |  | M97.5E1V2 | $1{ }^{\prime \prime}$ | 2-3V | .035" | \$193.68 | M97.5G12MC | 1/2" | .025" | \$217.71 |
|  |  |  |  |  | M97.5E1T3 | $1 "$ | 3 | .035" | \$197.25 |  |  |  |  |



| Carbide Grit Gulleted Bandsaw Blade 98" (8' $\mathbf{2}^{\prime \prime}$ ) Long, Med-Coarse | Carbon Steel Bandsaw Blade 99" (8' 3") Long |  |  |  |  | Bi-metal Bandsaw Blade 99" (8' 3") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Tool No. Width Tooth Thickness Price |  |  |  |  |
|  | M99C18R14 | 1/8" | 14R | .025" | \$16.93 | M99M14H6 | 1/4" | 6 H | .025" | \$44.66 |
| This blade is NOT used for woodcutting, but it | M99C18R18 | 1/8" | 18R | .025" | \$16.93 | M99M14V10 | 1/4" | 10-14V | .025" | \$44.66 |
| MUST be used with a wood cutting band saw. | M99C316S4 | 3/16" | 4S | .025" | \$14.79 | M99M14V14 | 1/4" | 14-18V | .025" | \$44.66 |
| DO NOT use a metal-cutting band saw with it. It | M99C316S6 | 3/16" | 6S | .025" | \$14.57 | M99M38H4 | 3/8" | 4H | .025" | \$44.66 |
| cuts abrasive and hardened materials such as | M99C316R10 | 3/16" | 10R | .025" | \$14.79 | M99M38V10 | 3/8" | 10-14V | .025" | \$44.66 |
| wire-reinforced rubber, steel belted radial tires, | M99C316R14 | 3/16" | 14R | .025" | \$14.79 | M99M38V14 | 3/8" | 14-18V | .025" | \$44.66 |
| ceramics, fiberglass, composites, hardened steel, | M99C316R18 | 3/16" | 18R | .025" | \$14.79 | M99M12H3 | 1/2" | 3H | .025" | \$44.66 |
| cast iron (grey with voids), graphite, and case- | M99C316R24 | 3/16" | 24R | .025" | \$14.79 | M99M12H4 | 1/2" | 4H | .025" | \$44.66 |
| hardened materials. A gulleted carbide grit | M99C14H4 | 1/4" | 4H | .025" | \$12.09 | M99M12H6 | 1/2" | 6 H | .025" | \$44.66 |
| bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) | M99C14H6 | 1/4" | 6H | .025" | \$12.09 | M99M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$44.66 |
| or thicker materials; while a continuous blade is | M99C14R10 | 1/4" | 10R | .025" | \$12.09 | M99M12V8 | 1/2" | $8-12 \mathrm{~V}$ | .025" | \$44.66 |
| ideal for cutting $1 / 4$ " $(6.4 \mathrm{~mm})$ or thinner | M99C14R14 | 1/4" | 14R | .025" | \$12.09 | M99M12V10 | 1/2" | 10-14V | .025" | \$44.66 |
| materials. | M99C14R18 | 1/4" | 18R | .025" | \$12.09 | M99M12T14 | 1/2" | 14 | .025" | \$44.66 |
|  | M99C14R24 | 1/4" | 24R | .025" | \$12.09 | M99M12V14 | 1/2" | 14-18V | .025" | \$44.66 |
| Tool No. Width Thickness Price | M99C38H3 | 3/8" | 3H | .025" | \$13.26 | M99M12T18 | 1/2" | 18 | .025" | \$47.31 |
| M98G38MG 3/8 <br> 1  | M99C38H4 | 3/8" | 4H | .025" | \$13.26 | M99M58V10 | 5/8" | 10-14V | .032" | \$47.31 |
| M98G12MG 1/2" ${ }^{\prime \prime}$ \$214.65 | M99C38H6 | 3/8" | 6H | .025" | \$13.26 | M99M34H3 | 3/4" | 3H | .032" | \$47.31 |
| M98G34MG 3/4" ${ }^{\prime \prime}$ | M99C38R8 | 3/8" | 8R | .025" | \$13.26 | M99M34V4 | 3/4" | $4-6 \mathrm{~V}$ | .035" | \$47.31 |
| Carbide Grit Continuous Bandsaw Blade 98" (8' 2") Long, Med-Coarse <br> For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material | M99C38R10 | 3/8" | 10R | .025" | \$13.26 | M99M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$47.31 |
|  | M99C38R14 | 3/8" | 14R | .025" | \$13.26 | M99M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$47.31 |
|  | M99C38R18 | 3/8" | 18R | .025" | \$13.26 | M99M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$47.31 |
|  | M99C38R24 | 3/8" | 24R | .025" | \$13.17 | M99M34V10 | 3/4" | 10-14V | .035" | \$47.31 |
| This blade is NOT used for woodcutting, but it | M99C12H3 | 1/2" | 3H | .025" | \$14.57 | M99M34W14 | 3/4" | 14W | .035" | \$47.31 |
|  | M99C12H4 | 1/2" | 4H | .025" | \$14.57 | M99M34W18 | 3/4" | 18W | .035" | \$47.31 |
|  | M99C12H6 | 1/2" | 6H | .025" | \$14.57 | M99M1V2 | 1 " | 2-3V | .035" | \$54.05 |
|  | M99C12R10 | 1/2" | 10R | .025" | \$14.57 | M99M1H3 | $1 "$ | 3H | .035" | \$54.05 |
|  | M99C12R14 | 1/2" | 14R | .025" | \$14.57 | M99M1V3 | 1 ' | 3-4V | .035" | \$54.05 |
|  | M99C12R18 | 1/2" | 18R | .025" | \$14.57 | M99M1V4 | $1 "$ | 4-6V | .035" | \$54.05 |
|  | M99C12R24 | 1/2" | 24R | .025" | \$14.57 | M99M1V5 | 1 " | $5-8 \mathrm{~V}$ | .035" | \$54.05 |
|  | M99C58H3 | 5/8" | 3H | .032" | \$17.07 | M99M1V6 | $1 "$ | $6-10 \mathrm{~V}$ | .035" | \$54.05 |
|  | M99C58H4 | 5/8" | 4H | .032" | \$17.07 | M99M1V8 | 1 " | $8-12 \mathrm{~V}$ | .035" | \$54.05 |
| MUST be used with a wood cutting band saw. | M99C58R10 | 5/8" | 10R | .032" | \$17.07 | M99M1V10 | $1 "$ | 10-14V | .035" | \$54.05 |
|  | M99C58R14 | 5/8" | 14R | .032" | \$17.07 | Carbide Tipped Bandsaw Blade 99" (8' 3") Long |  |  |  |  |
| DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as | M99C34H2 | 3/4" | 2 H | .032" | \$17.07 |  |  |  |  |  |
| wire-reinforced rubber, steel belted radial tires, | M99C34H3 | 3/4" | 3H | .032" | \$17.07 |  |  |  |  |  |
| ceramics, fiberglass, composites, hardened steel, | M99C34H4 | 3/4" | 4H | .032" | \$17.07 | MIAGNATIE ${ }^{\text {m }}$ |  |  |  |  |
|  | M99C34H6 | 3/4" | 6 H | .032" | \$17.07 |  |  |  |  |  |
|  | M99C34R6 | 3/4" | 6R | .032" | \$17.07 | Tool No. | Width | Tooth T | Thickness | Price |
|  | M99C34R10 | 3/4" | 10R | .032" | \$17.07 |  |  |  |  |  |
| or thicker materials; while a continuous blade is | M99C34R14 | 3/4" | 14R | .032" | \$17.07 | M99E12T3 | 1/2" | 3 | .025" | \$179.78 |
|  | M99C34R18 | 3/4" | 18R | .032" | \$17.07 | M99E34T3 | 3/4" | 3 | .032" | \$197.25 |
| materials |  |  |  |  |  | M99E1T1.3 | 1 " | 1.3 | .035" | \$197.25 |
|  |  |  |  |  |  | M99E1T2 | $1 "$ | 2 | .035" | \$197.25 |
| Tool No. Width Thickness Price |  |  |  |  |  | M99E1V2 | 1 " | 2-3V | .035" | \$193.68 |
| M98G14MC 1/4" "020 |  |  |  |  |  | M99E1T3 | 1 " | 3 | .035" | \$197.25 |
| M98G12MC $1 / 2^{\prime \prime} \quad .025^{\prime \prime}$ \$217.71 |  |  |  |  |  |  |  |  |  |  |




This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wre-reins cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit or thicker materials; while a continuous blade is materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M99G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 199.62$ |
| M99G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 217.71$ |






| Tool No. | Width | Tooth | Thickness | Price |
| ---: | :---: | :---: | :---: | :---: | :---: |
| B101S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 62.62$ |
| B101S1T3 | $1^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 72.35$ |







Carbide Grit Gulleted Bandsaw Blade
107" (8' 11") Long, Med-Coarse
For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material


## IMAONATTE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M107G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 225.69$ |
| M107G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 233.57$ |
| M107G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 248.93$ |

Carbide Grit Continuous Bandsaw Blade
107" (8' 11") Long, Med-Coarse
For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| ---: | :---: | :---: | :---: |
| M107G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 215.05$ |
| M107G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 229.83$ |

## Carbon Steel Bandsaw Blade 108" (9') Long <br> 

| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M108C18R14 | $1 / 8{ }^{\prime \prime}$ | 14R | .025" | \$17.64 |
| M108C18R18 | 1/8" | 18R | .025" | \$17.64 |
| M108C316S4 | 3/16" | 4S | .025" | \$15.26 |
| M108C316S6 | 3/16" | 6S | .025" | \$15.17 |
| M108C316R10 | 3/16" | 10R | .025" | \$15.26 |
| M108C316R14 | 3/16" | 14R | .025" | \$15.26 |
| M108C316R18 | 3/16" | 18R | .025" | \$15.26 |
| M108C316R24 | 3/16" | 24R | .025" | \$15.26 |
| M108C14H4 | 1/4" | 4H | .025" | \$12.53 |
| M108C14H6 | 1/4" | 6H | .025" | \$12.53 |
| M108C14R10 | 1/4" | 10R | .025" | \$12.53 |
| M108C14R14 | 1/4" | 14R | .025" | \$12.53 |
| M108C14R18 | 1/4" | 18R | .025" | \$12.53 |
| M108C14R24 | 1/4" | 24R | .025" | \$12.53 |
| M108C38H3 | 3/8" | 3H | .025" | \$13.78 |
| M108C38H4 | 3/8" | 4H | .025" | \$13.78 |
| M108C38H6 | 3/8" | 6 H | .025" | \$13.78 |
| M108C38R8 | 3/8" | 8R | .025" | \$13.78 |
| M108C38R10 | 3/8" | 10R | .025" | \$13.78 |
| M108C38R14 | 3/8" | 14R | .025" | \$13.78 |
| M108C38R18 | 3/8" | 18R | .025" | \$13.78 |
| M108C38R24 | 3/8" | 24R | .025" | \$13.59 |
| M108C12H3 | 1/2" | 3H | .025" | \$15.17 |
| M108C12H4 | 1/2" | 4H | .025" | \$15.17 |
| M108C12H6 | 1/2" | 6 H | .025" | \$15.17 |
| M108C12R10 | 1/2" | 10R | .025" | \$15.17 |
| M108C12R14 | 1/2" | 14R | .025" | \$15.17 |
| M108C12R18 | 1/2" | 18R | .025" | \$15.17 |
| M108C12R24 | 1/2" | 24R | .025" | \$15.17 |
| M108C58H3 | 5/8" | 3H | .032" | \$17.81 |
| M108C58H4 | 5/8" | 4H | .032" | \$17.81 |
| M108C58R10 | 5/8" | 10R | .032" | \$17.81 |
| M108C58R14 | 5/8" | 14 R | .032" | \$17.81 |
| M108C34H2 | 3/4" | 2H | .032" | \$17.81 |
| M108C34H3 | 3/4" | 3H | .032" | \$17.81 |
| M108C34H4 | 3/4" | 4H | .032" | \$17.81 |
| M108C34H6 | 3/4" | 6H | .032" | \$17.81 |
| M108C34R6 | 3/4" | 6 R | .032" | \$17.81 |
| M108C34R10 | 3/4" | 10R | .032" | \$17.81 |
| M108C34R14 | 3/4" | 14R | .032" | \$17.81 |
| M108C34R18 | 3/4" | 18R | .032" | \$17.81 |


| Tool No. | Width | Tooth | Thickness | Price |
| :--- | :---: | :---: | :---: | :---: |
| B107S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 65.78$ |
| B107S1T3 | $1^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 76.07$ |






Hawc Pro Resaw Bandsaw Blade
113" (9' 5") Long


SUPERCUT

Tool No. Width Tooth Thickness Price B113H12T3 1/2" $3 \quad .025^{\prime \prime} \quad \$ 21.70$

Carbide Impregnated Bandsaw Blade 113" (9' 5") Long


## SUPERCUT:

| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B113G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 32.85$ |
| B113G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 31.30$ |
| B113G12H3 | $1 / 2^{\prime \prime}$ | 3H | $.025 "$ | $\$ 32.62$ |



Tool No. Width Tooth Thickness Price B113P58V3 5/8" $3-4 \mathrm{~V} \quad .025$ " $\$ 80.67$


Carbide Grit Gulleted Bandsaw Blade
113" (9' 5") Long, Med-Coarse
For 1/4" ( 6.4 mm ) or Thicker Abrasives and Harden Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M113G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 237.86$ |
| M113G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 246.18$ |
| M113G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 262.34$ |

Carbide Grit Continuous Bandsaw Blade
113" (9' 5") Long, Med-Coarse
For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


## IJIAGNATEE ${ }^{m}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M113G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 226.62$ |
| M113G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 242.31$ |

Carbon Steel Bandsaw Blade 113-1/2" (9' 5-1/2") Long

Tool No Width Tooth Thickness Price

| M113.5C18R14 | 1/8" | 14R | .025" | \$18.28 |
| :---: | :---: | :---: | :---: | :---: |
| M113.5C18R18 | 1/8" | 18R | .025" | \$18.28 |
| M113.5C316S4 | 3/16" | 4S | .025" | \$15.90 |
| M113.5C316S6 | 3/16" | 6 S | .025" | \$15.78 |
| M113.5C316R10 | 3/16" | 10R | .025" | \$15.90 |
| M113.5C316R14 | 3/16" | 14R | .025" | \$15.90 |
| M113.5C316R18 | 3/16" | 18R | .025" | \$15.90 |
| M113.5C316R24 | 3/16" | 24R | .025" | \$15.90 |
| M113.5C14H4 | 1/4" | 4H | .025" | \$13.00 |
| M113.5C14H6 | 1/4" | 6H | .025" | \$13.00 |
| M113.5C14R10 | 1/4" | 10R | .025" | \$13.00 |
| M113.5C14R14 | 1/4" | 14R | .025" | \$13.00 |
| M113.5C14R18 | 1/4" | 18R | .025" | \$13.00 |
| M113.5C14R24 | 1/4" | 24R | .025" | \$13.00 |
| M113.5C38H3 | 3/8" | 3H | .025" | \$14.31 |
| M113.5C38H4 | 3/8" | 4H | .025" | \$14.31 |
| M113.5C38H6 | 3/8" | 6 H | .025" | \$14.31 |
| M113.5C38R8 | 3/8" | 8R | .025" | \$14.31 |
| M113.5C38R10 | 3/8" | 10R | .025" | \$14.31 |
| M113.5C38R14 | 3/8" | 14R | .025" | \$14.31 |
| M113.5C38R18 | 3/8" | 18R | .025" | \$14.31 |
| M113.5C38R24 | 3/8" | 24R | .025" | \$14.07 |
| M113.5C12H3 | 1/2" | 3 H | .025" | \$15.78 |
| M113.5C12H4 | 1/2" | 4H | .025" | \$15.78 |
| M113.5C12H6 | 1/2" | 6 H | .025" | \$15.78 |
| M113.5C12R10 | 1/2" | 10R | .025" | \$15.78 |
| M113.5C12R14 | 1/2" | 14R | .025" | \$15.78 |
| M113.5C12R18 | 1/2" | 18R | .025" | \$15.78 |
| M113.5C12R24 | 1/2" | 24R | .025" | \$15.78 |
| M113.5C58H3 | 5/8" | 3H | .032" | \$18.57 |
| M113.5C58H4 | 5/8" | 4H | .032" | \$18.57 |
| M113.5C58R10 | 5/8" | 10R | .032" | \$18.57 |
| M113.5C58R14 | 5/8" | 14R | .032" | \$18.57 |
| M113.5C34H2 | 3/4" | 2 H | .032" | \$18.57 |
| M113.5C34H3 | 3/4" | 3H | .032" | \$18.57 |
| M113.5C34H4 | 3/4" | 4H | .032" | \$18.57 |
| M113.5C34H6 | 3/4" | 6H | .032" | \$18.57 |
| M113.5C34R6 | 3/4" | 6R | .032" | \$18.57 |
| M113.5C34R10 | 3/4" | 10R | .032" | \$18.57 |
| M113.5C34R14 | 3/4" | 14R | .032" | \$18.57 |
| M113.5C34R18 | 3/4" | 18R | .032" | \$18.57 |



Carbide Grit Gulleted Bandsaw Blade 113-1/2" (9' 5-1/2") Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IVIAGNATIETM

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M113.5G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 238.87$ |
| M113.5G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 247.23$ |
| M113.5G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 263.46$ |

Carbide Grit Continuous Bandsaw Blade 113-1/2" (9' 5-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M113.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 227.58$ |
| M113.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 242.31$ |






| Bi-metal Bandsaw Blade 115" (9' 7") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Toot | Thickness | Price |
| M115M14H6 | 1/4" | 6H | .025" | \$51.05 |
| M115M14V10 | 1/4" | 10-14V | .025" | \$51.05 |
| M115M14V14 | 1/4" | 14-18V | .025" | \$51.05 |
| M115M38H4 | 3/8" | 4H | .025" | \$51.05 |
| M115M38V10 | 3/8" | 10-14V | .025" | \$51.05 |
| M115M38V14 | 3/8" | 14-18V | .025" | \$51.05 |
| M115M12H3 | 1/2" | 3H | .025" | \$51.05 |
| M115M12H4 | 1/2" | 4H | .025" | \$51.05 |
| M115M12H6 | 1/2" | 6H | .025" | \$51.05 |
| M115M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$51.05 |
| M115M12V8 | 1/2" | 8-12V | .025" | \$51.05 |
| M115M12V10 | 1/2" | 10-14V | .025" | \$51.05 |
| M115M12T14 | 1/2" | 14 | .025" | \$51.05 |
| M115M12V14 | 1/2" | 14-18V | .025" | \$51.05 |
| M115M12T18 | 1/2" | 18 | .025" | \$51.05 |
| M115M58V10 | 5/8" | 10-14V | .032" | \$54.02 |
| M115M34H3 | 3/4" | 3H | .035" | \$54.02 |
| M115M34V4 | 3/4" | 4-6V | .035" | \$54.02 |
| M115M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$54.02 |
| M115M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$54.02 |
| M115M34V8 | 3/4" | 8-12V | .035" | \$54.02 |
| M115M34V10 | 3/4" | 10-14V | .035" | \$54.02 |
| M115M34W14 | 3/4" | 14W | .035" | \$54.02 |
| M115M34W18 | 3/4" | 18W | .035" | \$54.02 |
| M115M1V2 | 1 " | 2-3V | .035" | \$61.98 |
| M115M1H3 | 1 " | 3H | .035" | \$61.98 |
| M115M1V3 | $1 "$ | 3-4V | .035" | \$61.98 |
| M115M1V4 | $1 "$ | 4-6V | .035" | \$61.98 |
| M115M1V5 | 1 " | $5-8 \mathrm{~V}$ | .035" | \$61.98 |
| M115M1V6 | $1{ }^{\prime \prime}$ | $6-10 \mathrm{~V}$ | .035" | \$61.98 |
| M115M1V8 | 1 " | 8-12V | .035" | \$61.98 |
| M115M1V10 | $1 "$ | 10-14V | .035" | \$61.98 |
| M115M114V2 | 1-1/4" | 2-3V | .042" | \$74.40 |
| M115M114V3 | 1-1/4" | 3-4V | .042" | \$74.40 |
| M115M114V4 | 1-1/4" | 4-6V | .042" | \$74.40 |
| M115M114V5 | 1-1/4" | $5-8 \mathrm{~V}$ | .042" | \$74.40 |
| M115M114V6 | 1-1/4" | 6-10V | .042" | \$74.40 |
| M115M114V8 | 1-1/4" | 8-12V | .042" | \$74.40 |


| $\left.\begin{array}{l}\text { Carbide Tipped Bandsaw Blade } \\ 115^{\prime \prime} \\ \hline\end{array} 9^{\prime} 7^{\prime \prime}\right)$ Long |  |  |  |  |
| :--- | :--- | :--- | :---: | :---: |



Tool No. Width Tooth Thickness Price

| B115H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025 "$ | $\$ 22.33$ |
| :--- | :--- | :--- | :--- | :--- |

Carbide Impregnated Bandsaw Blade 115" (9' 7") Long


Tool No. Width Tooth Thickness Price
B115P58V3 $3 / 8$ " 3 3-4V $\quad .025$ " 884.32


Carbide Grit Gulleted Bandsaw Blade 115" (9' $7^{\prime \prime}$ ) Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IVIAGNATIETM

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M115G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 241.91$ |
| M115G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 250.38$ |
| M115G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 266.81$ |
| M115G1MG | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 281.22$ |
| Carbide Grit Continuous Bandsaw Blade <br> 115" (9' |  |  |  |
| For 1/4" Long, Med-Coarse |  |  |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M115G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 230.48$ |
| M115G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 254.62$ |
| M115G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 281.22$ |



Carbide Grit Gulleted Bandsaw Blade
116-1/4" (9' 8-1/4") Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material

## IVIA GNATIE ${ }^{\text {m }}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M116.25G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 232.89$ |
| M116.25G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 254.62$ |
| M116.25G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 284.17$ |

## 

## Carbon Steel Bandsaw Blade 119" (9' 11") Long <br>  <br> WIAGNATIE"

## 



## 

Bi-metal Bandsaw Blade 119" (9' 11") Long


Tool No. Width Tooth Thickness Price

## $\left\lvert\, \begin{aligned} & \mid \\ & M \\ & M \\ & M\end{aligned}\right.$

M119C12H4

## M1

## Mi


M119C58R14

## |n

## M1

$\left\lvert\, \begin{aligned} & \mathbf{M} \\ & \mathbf{M} \\ & \mathbf{M}\end{aligned}\right.$

| M119C1H6 |
| :--- |
| M119C1R6 |


| M119C1R8 | $1^{\prime \prime}$ | 8R | $.035 "$ | $\$ 25.26$ |
| :--- | :--- | :---: | :---: | :---: |
| M119C1R10 | $1^{\prime \prime}$ | 10R | $.035 "$ | $\$ 25.26$ |
| M119C1R14 | $1^{\prime \prime}$ | 14R | $.035 "$ | $\$ 25.26$ |

Hawc Pro Resaw Bandsaw Blade 119" (9' 11") Long


Tool No. Width Tooth Thickness Price | B119H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 22.33$ |
| :--- | :--- | :--- | :--- | :--- |



| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B119G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 34.03$ |
| B119G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 32.18$ |
| B119G12H3 | $1 / 2^{\prime \prime}$ | 3H | $.025^{\prime \prime}$ | $\$ 33.60$ |



Tool No. Width Tooth Thickness Price | B119P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.025 "$ | $\$ 84.32$ |
| :--- | :--- | :--- | :--- | :--- |



Carbide Grit Gulleted Bandsaw Blade
119" (9'11") Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## JIAGNATE"'

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M119G38MG | 3/8" | 025" | \$250 |
| M119G12MG | 1/2" | .025" | \$258.7 |
| M119G34MG | 3/4" | .032" | \$275.7 |
| M119G1MG | $1 "$ | 035" | \$290.6 |
| Carbide Grit Continuous Bandsaw Blade <br> 119" (9' 11") Long, Med-Coarse <br> For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |

## IJIAGNATEE ${ }^{m}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M119G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 238.19$ |
| M119G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 254.62$ |
| M119G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 290.67$ |

## Carbon Steel Bandsaw Blade 119-1/2" (9' 11-1/2") Long

| Tool No. | Width Tooth Thickness |  |  | ce |
| :---: | :---: | :---: | :---: | :---: |
| M119.5C18R14 | 1/8" | 14R | .025" | \$18.86 |
| M119.5C18R18 | 1/8" | 18R | .025" | \$18.86 |
| M119.5C316S4 | 3/16" | 4S | .025" | \$16.45 |
| M119.5C316S6 | 3/16" | 6S | .025" | \$16.38 |
| M119.5C316R10 | 3/16" | 10R | .025" | \$16.45 |
| M119.5C316R14 | 3/16" | 14R | .025" | \$16.45 |
| M119.5C316R18 | 3/16" | 18R | .025" | \$16.45 |
| M119.5C316R24 | 3/16" | 24R | .025" | \$16.45 |
| M119.5C14H4 | 1/4" | 4H | .025" | \$13.45 |
| M119.5C14H6 | 1/4" | 6H | .025" | \$13.45 |
| M119.5C14R10 | 1/4" | 10R | .025" | \$13.45 |
| M119.5C14R14 | 1/4" | 14R | .025" | \$13.45 |
| M119.5C14R18 | 1/4" | 18R | .025" | \$13.45 |
| M119.5C14R24 | 1/4" | 24R | .025" | \$13.45 |
| M119.5C38H3 | 3/8" | 3H | .025" | \$14.83 |
| M119.5C38H4 | 3/8" | 4H | .025" | \$14.83 |
| M119.5C38H6 | 3/8" | 6H | .025" | \$14.83 |
| M119.5C38R8 | 3/8" | 8R | .025" | \$14.83 |
| M119.5C38R10 | 3/8" | 10R | .025" | \$14.83 |
| M119.5C38R14 | 3/8" | 14R | .025" | \$14.83 |
| M119.5C38R18 | 3/8" | 18R | .025" | \$14.83 |
| M119.5C38R24 | 3/8" | 24R | .025" | \$14.48 |
| M119.5C12H3 | 1/2" | 3H | .025" | \$16.38 |
| M119.5C12H4 | 1/2" | 4H | .025" | \$16.38 |
| M119.5C12H6 | 1/2" | 6H | .025" | \$16.38 |
| M119.5C12R10 | 1/2" | 10R | .025" | \$16.38 |
| M119.5C12R14 | 1/2" | 14R | .025" | \$16.38 |
| M119.5C12R18 | 1/2" | 18R | .025" | \$16.38 |
| M119.5C12R24 | 1/2" | 24R | .025" | \$16.38 |
| M119.5C58H3 | 5/8" | 3H | .032" | \$19.31 |
| M119.5C58H4 | 5/8" | 4H | .032" | \$19.31 |
| M119.5C58R10 | 5/8" | 10R | .032" | \$19.31 |
| M119.5C58R14 | 5/8" | 14R | .032" | \$19.31 |
| M119.5C34H2 | 3/4" | 2H | .032" | \$19.31 |
| M119.5C34H3 | 3/4" | 3H | .032" | \$19.31 |
| M119.5C34H4 | 3/4" | 4H | .032" | \$19.31 |
| M119.5C34H6 | 3/4" | 6H | .032" | \$19.31 |
| M119.5C34R6 | 3/4" | 6R | .032" | \$19.31 |
| M119.5C34R10 | 3/4" | 10R | .032" | \$19.31 |
| M119.5C34R14 | 3/4" | 14R | .032" | \$19.31 |
| M119.5C34R18 | 3/4" | 18R | .032" | \$19.31 |
| M119.5C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$25.26 |
| M119.5C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$25.26 |
| M119.5C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$25.26 |
| M119.5C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$25.26 |
| M119.5C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$25.26 |
| M119.5C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$25.26 |
| M119.5C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$25.26 |
| M119.5C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$25.26 |
| M119.5C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$25.26 |





Hawc Pro Resaw Bandsaw Blade
121-1/2" (10' 1-1/2" ) Long


Tool No. Width Tooth Thickness Price | B121.5H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 23.12$ |
| :--- | :--- | :--- | :--- | :--- | :--- |



| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B121.5G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 34.88$ |
| B121.5G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 33.00$ |
| B121.5G12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 34.72$ |



Tool No. Width Tooth Thickness Price | B121.5P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\mathbf{\$ 8 8 . 0 0}$ |
| :--- | :--- | :--- | :--- | :--- |



Carbide Grit Gulleted Bandsaw Blade
121-1/2" (10' 1-1/2" ) Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IIAGNATE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

\section*{Tool No. Width Thickness Price | M121.5G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 255.10$ |
| :--- | :--- | :--- | :--- |
| M121.5G12MG | $1 / 2^{\prime \prime}$ | 025 | $\$ 264.04$ | <br> | M121.5G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 264.04$ |
| :--- | :--- | :--- | :--- |
| M121.5G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 281.35$ | <br> Carbide Grit Continuous Bandsaw Blade <br> 121-1/2" (10' 1-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material <br>  <br> IJIAGNATEEN}

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M121.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 241.90$ |
| M121.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 264.04$ |
| M121.5G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 296.57$ |

## Carbon Steel Bandsaw Blade 123" (10' 3") Long <br>  <br> IVIA GNATIETM

Tool No. Width Tooth Thickness Price

| M123C18R14 | 1/8" | 14R | .025" | \$19.33 |
| :---: | :---: | :---: | :---: | :---: |
| M123C18R18 | 1/8" | 18R | .025" | \$19.33 |
| M123C316S4 | 3/16" | 4S | .025" | \$16.84 |
| M123C316S6 | 3/16" | 6S | .025" | \$16.98 |
| M123C316R10 | 3/16" | 10R | .025" | \$16.84 |
| M123C316R14 | 3/16" | 14R | .025" | \$16.84 |
| M123C316R18 | 3/16" | 18R | .025" | \$16.84 |
| M123C316R24 | 3/16" | 24R | .025" | \$16.84 |
| M123C14H4 | 1/4" | 4H | .025" | \$13.91 |
| M123C14H6 | 1/4" | 6H | .025" | \$13.91 |
| M123C14R10 | 1/4" | 10R | .025" | \$13.91 |
| M123C14R14 | $1 / 4 "$ | 14R | .025" | \$13.91 |
| M123C14R18 | 1/4" | 18R | .025" | \$13.91 |
| M123C14R24 | 1/4" | 24R | .025" | \$13.91 |
| M123C38H3 | 3/8" | 3H | .025" | \$15.36 |
| M123C38H4 | 3/8" | 4H | .025" | \$15.36 |
| M123C38H6 | 3/8" | 6H | .025" | \$15.36 |
| M123C38R8 | 3/8" | 8R | .025" | \$15.36 |
| M123C38R10 | 3/8" | 10R | .025" | \$15.36 |
| M123C38R14 | 3/8" | 14R | .025" | \$15.36 |
| M123C38R18 | 3/8" | 18R | .025" | \$15.36 |
| M123C38R24 | 3/8" | 24R | .025" | \$14.83 |
| M123C12H3 | 1/2" | 3H | .025" | \$16.98 |
| M123C12H4 | 1/2" | 4H | .025" | \$16.98 |
| M123C12H6 | 1/2" | 6H | .025" | \$16.98 |
| M123C12R10 | 1/2" | 10R | .025" | \$16.98 |
| M123C12R14 | 1/2" | 14R | .025" | \$16.98 |
| M123C12R18 | 1/2" | 18R | .025" | \$16.98 |
| M123C12R24 | 1/2" | 24R | .025" | \$16.98 |
| M123C58H3 | 5/8" | 3 H | .032" | \$20.07 |
| M123C58H4 | 5/8" | 4H | .032" | \$20.07 |
| M123C58R10 | 5/8" | 10R | .032" | \$20.07 |
| M123C58R14 | 5/8" | 14R | .032" | \$20.07 |
| M123C34H2 | 3/4" | 2 H | .032" | \$20.07 |
| M123C34H3 | 3/4" | 3H | .032" | \$20.07 |
| M123C34H4 | 3/4" | 4H | .032" | \$20.07 |
| M123C34H6 | 3/4" | 6 H | .032" | \$20.07 |
| M123C34R6 | 3/4" | 6R | .032" | \$20.07 |
| M123C34R10 | 3/4" | 10R | .032" | \$20.07 |
| M123C34R14 | 3/4" | 14R | .032" | \$20.07 |
| M123C34R18 | 3/4" | 18R | .032" | \$20.07 |
| M123C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$26.24 |
| M123C1H2 | $1{ }^{\prime \prime}$ | 2 H | . 035 " | \$26.24 |
| M123C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$26.24 |
| M123C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$26.24 |
| M123C1H6 | $1{ }^{\prime \prime}$ | 6 H | .035" | \$26.24 |
| M123C1R6 | $1{ }^{\prime \prime}$ | 6 R | .035" | \$26.24 |
| M123C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$26.24 |
| M123C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$26.24 |
| M123C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$26.24 |




124" (10' 4") Long
IMAGNATIE ${ }^{m}$

Tool No. Width Tooth Thickness Price | M124C18R14 | $1 / 8^{\prime \prime}$ | 14 R | $.025^{\prime \prime}$ | $\$ 19.33$ |
| :--- | :--- | :--- | :--- | :--- |

 \begin{tabular}{|lllll|}
\hline M124C316S4 \& $3 / 16^{\prime \prime}$ \& 4S \& $.025^{\prime \prime}$ \& $\$ 16.84$ <br>
M124C316S6 \& $3 / 16^{\prime \prime}$ \& 6 S \& $.025^{\prime \prime}$ \& $\$ 16.98$ <br>
\hline

 

\hline M124C316R10 \& $3 / 16^{\prime \prime}$ \& 10R \& $.025^{\prime \prime}$ \& $\$ 16.84$ <br>
M124C316R14 \& $3 / 16^{\prime \prime}$ \& 14R \& $.025^{\prime \prime}$ \& $\$ 16.84$ <br>
M124C316R18 \& $3 / 16^{\prime \prime}$ \& $18 R$ \& $.025^{\prime \prime}$ \& $\$ 16.84$ <br>
\hline
\end{tabular}

| M124C316R24 | $3 / 16^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 16.84$ |
| :--- | :--- | :---: | :---: | :---: |
| M124C14H4 | $1 / 4^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 13.91$ |


| M124C14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 13.91$ |
| :--- | :--- | :---: | :--- | :--- |
| M124C14R10 | $1 / 4^{\prime \prime}$ | 10 R | $.025^{\prime \prime}$ | $\$ 13.91$ |
| M124C14R14 | $1 / 4^{\prime \prime}$ | 14 R | $.025^{\prime \prime}$ | $\$ 13.91$ |


| M124C14R18 | $1 / 4^{\prime \prime}$ | 18 R | $.025^{\prime \prime}$ | $\$ 13.91$ |
| :--- | :--- | :--- | :--- | :--- |
| M124C14R24 | $1 / 4^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 13.91$ |


| M124C38H3 | $3 / 8^{\prime \prime}$ | 3H | $.025^{\prime \prime}$ | \$15.36 |
| :--- | :--- | :--- | :--- | :--- |
| M124C38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 15.36$ |
| M124C38H6 | $3 / 8^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 15.36$ |


| M124C38R8 | $3 / 8^{\prime \prime}$ | 8R | $.025^{\prime \prime}$ | \$15.36 |
| :--- | :--- | :---: | :--- | :--- |
| M124C38R10 | $3 / 8^{\prime \prime}$ | 10 R | $.025^{\prime \prime}$ | \$15.36 |
| M124C38R14 | $3 / 8^{\prime \prime}$ | $14 R$ | $.025^{\prime \prime}$ | $\$ 15.36$ |

M124C38R18

| M124C38R24 | $3 / 8^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 14.83$ |
| :--- | :--- | :--- | :--- | :--- |
| M124C12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 16.98$ |
| M124C12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 16.98$ |


| M124C12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\mathbf{\$ 1 6 . 9 8}$ |
| :--- | :--- | :--- | :--- | :--- |
| M124C12R10 | $1 / 2^{\prime \prime}$ | 10 R | $.025^{\prime \prime}$ | $\$ 16.98$ |
| M124C12R14 | $1 / 2^{\prime \prime}$ | 14 R | $.025^{\prime \prime}$ | $\$ 16.98$ |


| M124C12R18 | $1 / 2^{\prime \prime}$ | 18R | $.025^{\prime \prime}$ | $\$ 16.98$ |
| :--- | :--- | :--- | :--- | :--- |
| M124C12R24 | $1 / 2^{\prime \prime}$ | 24R | $.025^{\prime \prime}$ | $\$ 16.98$ |


| M124C58H3 | $5 / 8^{\prime \prime}$ | 3H | $.032 "$ |
| :--- | :--- | :--- | :--- |
| M124C58H4 | $5 / 8^{\prime \prime}$ | 4 H | $.032^{\prime \prime}$ |
| M124C58R10 | $5 / 8^{\prime \prime}$ | 10R | $.032^{\prime \prime}$ |


| M124C58R14 | 5/8" | 14R | .032" | \$20.07 | M124M114V2 | 11/4" | 10-14V | .035" | \$60.93 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M124C34H2 | 3/4" | 2H | .032" | \$20.07 | M124M114V2 | 1-1/4" | 2-3V | .042" | \$83.00 |
| M124C34H3 | 3/4" | 3 H | .032" | \$20.07 | M124M114V3 | 1-1/4" | 3-4V | .042" | \$83.00 |
| M124C34H4 | 3/4" | 4H | .032" | \$20.07 | 114V4 | 1-1/4" | 4-6V | .042" | \$83.00 |
| M124C34H6 | 3/4" | 6H | .032" | \$20.07 | 124M114V5 | 1-1/4" | $5-8 \mathrm{~V}$ | .042" | \$83.00 |
| M124C34R6 | 3/4" | 6R | .032" | \$20.07 | 14 V 6 | 1-1/4" | $6-10 \mathrm{~V}$ | .042" | \$83.00 |
| M124C34R10 | 3/4" | 10R | .032" | \$20.07 | M124M114V8 | 1-1/4" | 8-12V | .042" | \$83.00 |

Hawc Pro Resaw Bandsaw Blade 124" (10' 4" ) Long


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B124H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 23.12$ |

Carbide Impregnated Bandsaw Blade 124" (10' 4") Long


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B124G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 34.88$ |
| B124G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 33.00$ |
| B124G12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 34.72$ |

WoodSaver Plus Resaw Bandsaw Blades 124" (10' 4") Long


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B124P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\mathbf{\$ 8 8 . 0 0}$ |





MIA(GN/ATETM 20639 Lycoming Street \#B-6, Walnut, CA 91789 USA



Tool No. Width Tooth Thickness Price \begin{tabular}{|lllll|}
\hline M128C18R14 \& $1 / 8^{\prime \prime}$ \& 14 R \& $.025 "$ \& $\$ 20.00$ <br>
\hline

 

\hline M128C18R18 \& $1 / 8^{\prime \prime}$ \& 18 R \& $.025 "$ \& $\mathbf{\$ 2 0 . 0 0}$ <br>
\hline M128C316S4 \& $3 / 16^{\prime \prime}$ \& 4 S \& $.025 "$ \& $\mathbf{\$ 1 7 . 4 0}$ <br>
\hline
\end{tabular} $\begin{array}{|llcll|}\text { M128C316S6 } & 3 / 16^{\prime \prime} & 6 \mathrm{~S} & .025^{\prime \prime} & \mathbf{\$ 1 7 . 5 9} \\ \text { M128C316R10 } & 3 / 16^{\prime \prime} & \text { 10R } & .025^{\prime \prime} & \mathbf{\$ 1 7 . 4 0} \\ \text { M128C316R14 } & 3 / 16^{\prime \prime} & 14 \mathrm{R} & .025^{\prime \prime} & \mathbf{\$ 1 7 . 4 0}\end{array}$

| M128C316R18 | $3 / 16^{\prime \prime}$ | $18 R$ | $.025^{\prime \prime}$ |
| :--- | :--- | :--- | :--- |
| M128C316R24 | $3 / 16^{\prime \prime}$ | $24 R$ | $.025^{\prime \prime}$ |


| M128C14H4 | $1 / 4^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 1$ |
| :--- | :--- | :---: | :--- | :--- |
| M128C14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 1$ |
| M128C14R10 | $1 / 4^{\prime \prime}$ | 10 R | $025^{\prime \prime}$ | $\$ 14$ |


| M128C14R10 | $1 / 4^{\prime \prime}$ | 10R | $.025^{\prime \prime}$ | $\$$ |
| :--- | :--- | :--- | :--- | :--- |
| M128C14R14 | $1 / 4^{\prime \prime}$ | 14R | $.025^{\prime \prime}$ | $\$ 1$ |
| M128C14R18 | $1 / 4^{\prime \prime}$ | 18 R | $.025^{\prime \prime}$ | $\$ 1$ |
| M128C14R24 | $1 / 4^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ | $\$ 1$ |


| M128C38H3 | $3 / 8^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 1$ |
| :--- | :--- | :--- | :--- | :--- |
| M128C38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 15$ |
| M128C38H6 | $3 / 8^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 15$ |


| M128C38R8 | $3 / 8^{\prime \prime}$ | 8R | $.025^{\prime \prime}$ | $\$ 1$ |
| :--- | :---: | :---: | :---: | :---: |
| M128C38R10 | $3 / 8^{\prime \prime}$ | 10R | $.025^{\prime \prime}$ | $\$ 1$ |
| M128C38R14 | $3 / 8^{\prime \prime}$ | 14R | $.025^{\prime \prime}$ | $\$ 15$ |


| M128C38R18 | $3 / 8^{\prime \prime}$ | 18R | $.025^{\prime \prime}$ | \$ |
| :--- | :--- | :---: | :--- | :--- |
| M128C38R24 | $3 / 8^{\prime \prime}$ | 24R | $.025^{\prime \prime}$ | \$ |
| M128C12H3 | $1 / 2^{\prime \prime}$ | 3H | $.025^{\prime \prime}$ | $\$ 1$ |
| M128C12H4 | $1 / 2^{\prime \prime}$ | 4H | $.025{ }^{\prime \prime}$ | $\$ 17$ |


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| M128M14H6 | 1/4" | 6H | .025" | \$55.33 |
| M128M14V10 | 1/4" | 10-14V | .025" | \$55.33 |
| M128M14V14 | 1/4" | 14-18V | .025" | \$55.33 |
| M128M38H4 | 3/8" | 4H | .025" | \$55.33 |
| M128M38V10 | 3/8" | 10-14V | .025" | \$55 |

Bi-metal Bandsaw Blade 128" (10' 8") Long


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Hawc Pro Resaw Bandsaw Blade 128" (10' 8") Long


| Tool No. | Width Tooth | Thickness | Price |  |
| :---: | :---: | :---: | :---: | :---: |
| B128H12T3 | $1 / 2^{\prime \prime}$ | 3 | $025^{\prime \prime}$ | $\$ 23.73$ |



| 128C3186 | 3/4" | 6H | . 032 " | \$20.81 | M128M114V6 | 1-1/4" | 6-10V | .042" | \$80.72 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M128C34R6 | 3/4" | 6R | .032" | \$20.81 | M128M114V8 | 1-1/4" | 8-12V | . 042 " | \$80.72 |
| M128C34R10 | 3/4" | 10R | .032" | \$20.81 | M128M114V8 |  |  |  |  |


| M128C34R14 | 3/4" | 14R | .032" | \$20.81 | Carbide Tipped Bandsaw Blade 128" (10' 8") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M128C34R18 | 3/4" | 18R | .032" | \$20.81 |  |  |  |  |  |
| M128C1H1.3 | $1{ }^{\prime \prime}$ | 1.3 H | .035" | \$27.22 | M M A CAMIE ${ }^{\text {TM }}$ |  |  |  |  |
| M128C1H2 | $1{ }^{\prime \prime}$ | 2 H | .035" | \$27.22 |  |  |  |  |  |
| M128C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$27.22 |  |  |  |  |  |
| M128C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$27.22 | Tool No. | Width | Tooth | Thickne | Price |
| M128C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$27.22 | M128E12T3 | 1/2" | 3 | .025" | \$230.08 |
| M128C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$27.22 | M128E34T3 | 3/4" | 3 | .032" | \$252.40 |
| M128C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$27.22 | M128E1T1.3 | $1 "$ | 1.3 | .035" | \$252.40 |
| M128C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$27.22 | M128E1T2 | $1 "$ | 2 | .035" | \$252.40 |
| M128C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$27.22 | M128E1V2 | $1 "$ | 2-3V | .035" | \$247.80 |
| M128C114H1.3 | 1-1/4" | 1.3H | .042" | \$34.05 | M128E1T3 | 1 " | 3 | .035" | \$252.40 |
| M128C112H1.15 | 1-1/2" | 1.15H | .045" | \$38.03 |  |  |  |  |  |


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B128P58V3 | 5/8" | 3-4V | .025" | \$91.65 |
| WoodSaver Resaw Bandsaw Blades128" (10' 8") Long |  |  |  |  |
| SUPERCUT: |  |  |  |  |
| Tool No. | Width | Tooth | Thickness | Price |
| B128S58T3 | 5/8" | 3 | .025" | \$78.32 |
| B128S1T3 | $1{ }^{\prime \prime}$ | 3 | .025" | \$90.88 |




IVIAMGNATIE ${ }^{\text {TM }} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA

| Bi-metal Bandsaw Blade |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 130-1/2" $\left(10^{\prime}\right.$ | $\left.10-1 / 2^{\prime \prime}\right)$ | Long |  |
|  |  |  |  |


| Carbide Tipped Bandsaw Blade 130-1/2" (10' 10-1/2" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price |
| M130.5E12T3 | 1/2" | 3 | .025" | \$230.08 |
| M130.5E34T3 | 3/4" | 3 | .032" | \$252.40 |
| M130.5E1T1.3 | $1{ }^{\prime \prime}$ | 1.3 | .035" | \$252.40 |
| M130.5E1T2 | $1{ }^{\prime \prime}$ | 2 | .035" | \$252.40 |
| M130.5E1V2 | $1{ }^{\prime \prime}$ | 2-3V | .035" | \$247.80 |
| M130.5E1T3 | $1{ }^{\prime \prime}$ | 3 | .035" | \$252.40 |

Carbide Grit Gulleted Bandsaw Blade 130-1/2" (10' 10-1/2" ) Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


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This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

Tool No. Width Tooth Thickness Price | M130.5G38MG | $3 / 8^{\prime \prime}$ Gulleted | $.025^{\prime \prime}$ | $\$ 273.35$ |
| :--- | :--- | :--- | :--- |
| M13.5G12MG | $1 / 2^{\prime \prime}$ Gulleted | 025 " | $\$ 28295$ | M130.5G34MG 3/4" Gulleted .032" \$301.47

| M130.5G1MG | $1^{\prime \prime}$ | Gulleted | $.035 "$ | $\$ 317.82$ |
| :--- | :--- | :--- | :--- | :--- |
| M130.5G114MG 1-1/4" Gulleted | $.042^{\prime \prime}$ | $\$ 336.68$ |  |  |

Carbide Grit Continuous Bandsaw Blade 130-1/2" (10' 10-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M130.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 260.37$ |
| M130.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 279.22$ |
| M130.5G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 313.62$ |

## Carbon Steel Bandsaw Blade 131" (10' 11" ) Long <br> 

Tool No. Width Tooth Thickness Price

| M131C18R14 | 1/8" | 14R | .025" | \$20.00 |
| :---: | :---: | :---: | :---: | :---: |
| M131C18R18 | 1/8" | 18R | .025" | \$20.00 |
| M131C316S4 | 3/16" | 4S | .025" | \$17.40 |
| M131C316S6 | 3/16" | 6S | .025" | \$17.59 |
| M131C316R10 | 3/16" | 10R | .025" | \$17.40 |
| M131C316R14 | 3/16" | 14R | .025" | \$17.40 |
| M131C316R18 | 3/16" | 18R | .025" | \$17.40 |
| M131C316R24 | 3/16" | 24R | .025" | \$17.40 |
| M131C14H4 | 1/4" | 4H | .025" | \$14.36 |
| M131C14H6 | 1/4" | 6 H | .025" | \$14.36 |
| M131C14R10 | 1/4" | 10R | .025" | \$14.36 |
| M131C14R14 | 1/4" | 14R | .025" | \$14.36 |
| M131C14R18 | 1/4" | 18R | .025" | \$14.36 |
| M131C14R24 | 1/4" | 24R | .025" | \$14.36 |
| M131C38H3 | 3/8" | 3H | .025" | \$15.88 |
| M131C38H4 | 3/8" | 4H | .025" | \$15.88 |
| M131C38H6 | 3/8" | 6H | .025" | \$15.88 |
| M131C38R8 | 3/8" | 8R | .025" | \$15.88 |
| M131C38R10 | 3/8" | 10R | .025" | \$15.88 |
| M131C38R14 | 3/8" | 14R | .025" | \$15.88 |
| M131C38R18 | 3/8" | 18R | .025" | \$15.88 |
| M131C38R24 | 3/8" | 24R | .025" | \$15.31 |
| M131C12H3 | 1/2" | 3H | .025" | \$17.59 |
| M131C12H4 | 1/2" | 4H | .025" | \$17.59 |
| M131C12H6 | 1/2" | 6H | .025" | \$17.59 |
| M131C12R10 | 1/2" | 10R | .025" | \$17.59 |
| M131C12R14 | 1/2" | 14R | .025" | \$17.59 |
| M131C12R18 | 1/2" | 18R | .025" | \$17.59 |
| M131C12R24 | 1/2" | 24R | .025" | \$17.59 |
| M131C58H3 | 5/8" | 3H | .032" | \$20.81 |
| M131C58H4 | 5/8" | 4H | .032" | \$20.81 |
| M131C58R10 | 5/8" | 10R | .032" | \$20.81 |
| M131C58R14 | 5/8" | 14R | .032" | \$20.81 |
| M131C34H2 | 3/4" | 2H | .032" | \$20.81 |
| M131C34H3 | 3/4" | 3H | .032" | \$20.81 |
| M131C34H4 | 3/4" | 4H | .032" | \$20.81 |
| M131C34H6 | 3/4" | 6H | .032" | \$20.81 |
| M131C34R6 | 3/4" | 6R | .032" | \$20.81 |
| M131C34R10 | 3/4" | 10R | .032" | \$20.81 |
| M131C34R14 | 3/4" | 14R | .032" | \$20.81 |
| M131C34R18 | 3/4" | 18R | .032" | \$20.81 |
| M131C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$27.22 |
| M131C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$27.22 |
| M131C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$27.22 |
| M131C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$27.22 |
| M131C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$27.22 |
| M131C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$27.22 |
| M131C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$27.22 |
| M131C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$27.22 |
| M131C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$27.22 |
| M131C114H1.3 | 1-1/4" | 1.3H | .042" | \$34.05 |
| M131C112H1.15 | 1-1/2" | 1.15H | .045" | \$38.03 |


| Bi-metal Bandsaw Blade 131" (10' 11" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price |
| M131M14H6 | 1/4" | 6H | .025" | \$55.33 |
| M131M14V10 | 1/4" | $10-14 \mathrm{~V}$ | .025" | \$55.33 |
| M131M14V14 | 1/4" | $14-18 \mathrm{~V}$ | .025" | \$55.33 |
| M131M38H4 | 3/8" | 4H | .025" | \$55.33 |
| M131M38V10 | 3/8" | $10-14 \mathrm{~V}$ | .025" | \$55.33 |
| M131M38V14 | 3/8" | 14-18V | .025" | \$55.33 |
| M131M12H3 | 1/2" | 3H | .035" | \$55.33 |
| M131M12H4 | 1/2" | 4H | .025" | \$55.33 |
| M131M12H6 | 1/2" | 6 H | .025" | \$55.33 |
| M131M12V6 | 1/2" | 6-10V | .025" | \$55.33 |
| M131M12V8 | 1/2" | 8-12V | .025" | \$55.33 |
| M131M12V10 | 1/2" | $10-14 \mathrm{~V}$ | .025" | \$55.33 |
| M131M12T14 | 1/2" | 14 | .025" | \$55.33 |
| M131M12V14 | 1/2" | 14-18V | .025" | \$55.33 |
| M131M12T18 | 1/2" | 18 | .025" | \$55.33 |
| M131M58V10 | 5/8" | $10-14 \mathrm{~V}$ | .032" | \$58.48 |
| M131M34H3 | 3/4" | 3H | .035" | \$58.48 |
| M131M34V4 | 3/4" | 4-6V | .035" | \$58.48 |
| M131M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$58.48 |
| M131M34V6 | 3/4" | 6-10V | .035" | \$58.48 |
| M131M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$58.48 |
| M131M34V10 | 3/4" | $10-14 \mathrm{~V}$ | .035" | \$58.48 |
| M131M34W14 | 3/4" | 14W | .035" | \$58.48 |
| M131M34W18 | 3/4" | 18W | .035" | \$58.48 |
| M131M1V2 | 1 " | 2-3V | .035" | \$67.21 |
| M131M1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$67.21 |
| M131M1V3 | $1 "$ | $3-4 \mathrm{~V}$ | .035" | \$67.21 |
| M131M1V4 | $1{ }^{\prime \prime}$ | 4-6V | .035" | \$67.21 |
| M131M1V5 | $1{ }^{\prime \prime}$ | $5-8 \mathrm{~V}$ | .035" | \$67.21 |
| M131M1V6 | $1{ }^{\prime \prime}$ | 6-10V | .035" | \$67.21 |
| M131M1V8 | $1 "$ | 8-12V | .035" | \$67.21 |
| M131M1V10 | $1 "$ | $10-14 \mathrm{~V}$ | .035" | \$67.21 |
| M131M114V2 | 1-1/4" | 2-3V | .042" | \$80.72 |
| M131M114V3 | 1-1/4" | $3-4 \mathrm{~V}$ | .042" | \$80.72 |
| M131M114V4 | 1-1/4" | 4-6V | .042" | \$80.72 |
| M131M114V5 | 1-1/4" | $5-8 \mathrm{~V}$ | .042" | \$80.72 |
| M131M114V6 | 1-1/4" | 6-10V | .042" | \$80.72 |
| M131M114V8 | 1-1/4" | 8-12V | .042" | \$80.72 |


| Carbide Tipped Bandsaw Blade <br> 131" (10' 11" ) Long |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
|  |  |  |  |  |

Carbide Grit Gulleted Bandsaw Blade
131" (10' 11" ) Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IUAGNATTE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M131G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 274.36$ |
| M131G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 284.01$ |
| M131G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 302.59$ |
| M131G1MG | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 319.06$ |


| M131G1MG | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 319.0$ |
| :--- | :---: | :--- | :--- |
| M131G114MG | $1-1 / 4^{\prime \prime}$ | $.042^{\prime \prime}$ | $\$ 337.93$ |

Carbide Grit Continuous Bandsaw Blade 131" (10' 11") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.


Carbon Steel Bandsaw Blade 131-1/2" (10' 11-1/2" ) Long


## IUAGNATIE"

| Tool No. | Width Tooth Thickness Price |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| M131.5C18R14 | 1/8" | 14R | .025" | \$20.00 |
| M131.5C18R18 | 1/8" | 18R | .025" | \$20.00 |
| M131.5C316S4 | 3/16" | 4S | .025" | \$17.40 |
| M131.5C316S6 | 3/16" | 6S | .025" | \$17.59 |
| M131.5C316R10 | 3/16" | 10R | .025" | \$17.40 |
| M131.5C316R14 | 3/16" | 14R | .025" | \$17.40 |
| M131.5C316R18 | 3/16" | 18R | .025" | \$17.40 |
| M131.5C316R24 | 3/16" | 24R | .025" | \$17.40 |
| M131.5C14H4 | 1/4" | 4H | .025" | \$14.36 |
| M131.5C14H6 | 1/4" | 6H | .025" | \$14.36 |
| M131.5C14R10 | 1/4" | 10R | .025" | \$14.36 |
| M131.5C14R14 | 1/4" | 14R | .025" | \$14.36 |
| M131.5C14R18 | 1/4" | 18R | .025" | \$14.36 |
| M131.5C14R24 | 1/4" | 24R | .025" | \$14.36 |
| M131.5C38H3 | 3/8" | 3H | .025" | \$15.88 |
| M131.5C38H4 | 3/8" | 4H | .025" | \$15.88 |
| M131.5C38H6 | 3/8" | 6H | .025" | 88 |
| M131.5C38R8 | 3/8" | 8R | .025" | \$15.88 |
| M131.5C38R10 | 3/8" | 10R | .025" | 88 |
| M131.5C38R14 | 3/8" | 14R | .025" | \$15.88 |
| M131.5C38R18 | 3/8" | 18R | .025" | \$15.88 |
| M131.5C38R24 | 3/8" | 24R | .025" | \$15.31 |
| M131.5C12H3 | 1/2" | 3H | .025" | \$17.59 |
| M131.5C12H4 | 1/2" | 4H | .025" | \$17.59 |
| M131.5C12H6 | 1/2" | 6H | .025" | \$17.59 |
| M131.5C12R10 | 1/2" | 10R | .025" | \$17.59 |
| M131.5C12R14 | 1/2" | 14R | .025" | \$17.59 |
| M131.5C12R18 | 1/2" | 18R | .025" | \$17.59 |
| M131.5C12R24 | 1/2" | 24R | .025" | 17.59 |
| M131.5C58H3 | 5/8" | 3H | .032" | \$20.81 |
| M131.5C58H4 | 5/8" | 4H | .032" | \$20.81 |
| M131.5C58R10 | 5/8" | 10R | .032" | \$20.81 |
| M131.5C58R14 | 5/8" | 14R | .032" | \$20.81 |
| M131.5C34H2 | 3/4" | 2H | .032" | \$20.81 |
| M131.5C34H3 | 3/4" | 3H | .032" | \$20.81 |
| M131.5C34H4 | 3/4" | 4H | .032" | \$20.81 |
| M131.5C34H6 | 3/4" | 6H | .032" | \$20.81 |
| M131.5C34R6 | 3/4" | 6R | .032" | \$20.81 |
| M131.5C34R10 | 3/4" | 10R | .032" | \$20.81 |
| M131.5C34R14 | 3/4" | 14R | .032" | \$20.81 |
| M131.5C34R18 | 3/4" | 18R | .032" | \$20.81 |
| M131.5C1H1.3 | $1{ }^{\prime \prime}$ | 1.3 H | .035" | \$27.22 |
| M131.5C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | 22 |
| M131.5C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$27.22 |
| M131.5C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$27.22 |
| M131.5C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$27.22 |
| M131.5C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$27.22 |
| M131.5C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$27.22 |
| M131.5C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$27.22 |
| M131.5C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$27.22 |
| M131.5C114H1.3 | 1-1/4" | 1.3H | .042" | \$34.05 |
| M131.5C112H1.15 | 1-1/2" | 1.15H | .045" | \$38.03 |



| Carbide Tipped Bandsaw Blade 131-1/2" (10' 11-1/2" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Tool No. | Width | Tooth | Thickness | Price |
| M131.5E12T3 | 1/2" | 3 | .025" | \$230.08 |
| M131.5E34T3 | 3/4" | 3 | .032" | \$252.40 |
| M131.5E1T1.3 | $1{ }^{\prime \prime}$ | 1.3 | .035" | \$252.40 |
| M131.5E1T2 | $1{ }^{\prime \prime}$ | 2 | .035" | \$252.40 |
| M131.5E1V2 | $1{ }^{\prime \prime}$ | 2-3V | .035" | \$247.80 |
| M131.5E1T3 | $1{ }^{\prime \prime}$ | 3 | .035" | \$252.40 |

Carbide Grit Gulleted Bandsaw Blade 131-1/2" (10' 11-1/2" ) Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IJIAGNATIETM

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

Tool No. Width Tooth Thickness Price M131.5G38MG 3/8" Gulleted .025" \$275.37 M131.5G12MG $1 / 2^{\prime \prime}$ Gulleted $.025^{\prime \prime}$ \$279.22 M131.5G34MG 3/4" Gulleted .032" \$303.71 | M131.5G1MG | $1^{\prime \prime}$ | Gulleted | $.035^{\prime \prime}$ | $\$ 313.62$ |
| :--- | :--- | ---: | ---: | ---: |
| M131.5G114MG 1-1/4" Gulleted | $.042^{\prime \prime}$ | $\$ 339.17$ |  |  |

Carbide Grit Continuous Bandsaw Blade 131-1/2" (10' 11-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M131.5G14MC | 1/4" | .020" | \$271.33 |
| M131.5G12MC | 1/2" | .025" | \$279.22 |
| M131.5G1MC | 1 " | .035" | \$313.62 |


| Tool No. | Width Tooth | Thickness | Price |  |
| :---: | :---: | :---: | :---: | :---: |
| B131.5S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 78.32$ |
| B131.5S1T3 | $1^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\mathbf{\$ 9 0 . 8 8}$ |






Hawc Pro Resaw Bandsaw Blade 136" (11' 4") Long


Tool No. Width Tooth Thickness Price | B136H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025 "$ | $\$ 24.37$ |
| :--- | :--- | :--- | :--- | :--- |




Tool No. Width Tooth Thickness Price | B136P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.025 "$ | $\$ 95.33$ |
| :--- | :--- | :--- | :--- | :--- |



Carbide Grit Gulleted Bandsaw Blade
136" (11' 4") Long, Med-Coarse
For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :--- |
| M136G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 270.97$ |
| M136G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 291.53$ |
| M136G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 327.45$ |

Carbon Steel Bandsaw Blade 137" (11' 5") Long

M1A (GNATIET

Tool No. Width Tooth Thickness Price

| M137C18R14 | 1/8" | 14R | .025" | \$20.67 |
| :---: | :---: | :---: | :---: | :---: |
| M137C18R18 | 1/8" | 18R | .025" | \$20.67 |
| M137C316S4 | 3/16" | 4S | .025" | \$17.78 |
| M137C316S6 | 3/16" | 6S | .025" | \$18.19 |
| M137C316R10 | 3/16" | 10R | .025" | \$17.78 |
| M137C316R14 | 3/16" | 14R | .025" | \$17.78 |
| M137C316R18 | 3/16" | 18R | .025" | \$17.78 |
| M137C316R24 | 3/16" | 24R | .025" | \$17.78 |
| M137C14H4 | 1/4" | 4H | .025" | \$14.83 |
| M137C14H6 | 1/4" | 6H | .025" | \$14.83 |
| M137C14R10 | 1/4" | 10R | .025" | \$14.83 |
| M137C14R14 | 1/4" | 14R | .025" | \$14.83 |
| M137C14R18 | 1/4" | 18R | .025" | \$14.83 |
| M137C14R24 | 1/4" | 24R | .025" | \$14.83 |
| M137C38H3 | 3/8" | 3H | .025" | \$16.59 |
| M137C38H4 | 3/8" | 4H | .025" | \$16.59 |
| M137C38H6 | 3/8" | 6H | .025" | \$16.59 |
| M137C38R8 | 3/8" | 8R | .025" | \$16.59 |
| M137C38R10 | 3/8" | 10R | .025" | \$16.59 |
| M137C38R14 | 3/8" | 14R | .025" | \$16.59 |
| M137C38R18 | 3/8" | 18R | .025" | \$16.59 |
| M137C38R24 | 3/8" | 24R | .025" | \$15.71 |
| M137C12H3 | 1/2" | 3H | .025" | \$18.19 |
| M137C12H4 | 1/2" | 4H | .025" | \$18.19 |
| M137C12H6 | 1/2" | 6H | .025" | \$18.19 |
| M137C12R10 | 1/2" | 10R | .025" | \$18.19 |
| M137C12R14 | 1/2" | 14R | .025" | \$18.19 |
| M137C12R18 | 1/2" | 18R | .025" | \$18.19 |
| M137C12R24 | 1/2" | 24R | .025" | \$18.19 |
| M137C58H3 | 5/8" | 3H | .032" | \$21.57 |
| M137C58H4 | 5/8" | 4H | .032" | \$21.57 |
| M137C58R10 | 5/8" | 10R | .032" | \$21.57 |
| M137C58R14 | 5/8" | 14R | .032" | \$21.57 |
| M137C34H2 | 3/4" | 2H | .032" | \$21.57 |
| M137C34H3 | 3/4" | 3H | .032" | \$21.57 |
| M137C34H4 | 3/4" | 4H | .032" | \$21.57 |
| M137C34H6 | 3/4" | 6H | .032" | \$21.57 |
| M137C34R6 | 3/4" | 6R | .032" | \$21.57 |
| M137C34R10 | 3/4" | 10R | .032" | \$21.57 |
| M137C34R14 | 3/4" | 14R | .032" | \$21.57 |
| M137C34R18 | 3/4" | 18R | .032" | \$21.57 |
| M137C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$28.21 |
| M137C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$28.21 |
| M137C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$28.21 |
| M137C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$28.21 |
| M137C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$28.21 |
| M137C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$28.21 |
| M137C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$28.21 |
| M137C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$28.21 |
| M137C1R14 | $1 "$ | 14R | .035" | \$28.21 |
| M137C114H1.3 | 1-1/4" | 1.3H | .042" | \$35.34 |
| M137C112H1.15 | 1-1/2" | 1.15 H | .045" | \$39.47 |

Carbide Grit Gulleted Bandsaw Blade 137" (11' 5") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :--- |
| M137G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 272.90$ |
| M137G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 296.61$ |
| M137G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 327.45$ |


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B137S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025 "$ | $\$ 81.50$ |
| B137S1T3 | $1 "$ | 3 | $.025 "$ | $\$ 94.62$ |


| Carbon Steel Bandsaw Blade138" (11' 6") Long |  |  |  |  | Bi-metal Bandsaw Blade 138" (11' 6") Long |  |  |  |  | Carbide Grit Gulleted Bandsaw Blade <br> $138^{\prime \prime}\left(11^{\prime} 6^{\prime \prime}\right)$ Long, Med-Coarse <br> For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Abrasives and <br> Harden Material |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | hickness | Price | Tool No. | Width | Tooth | Thickn | Price |  |  |  |  |
| M138C18R14 | 1/8" | 14R | .025" | \$20.67 | M138M14H6 | 1/4" | 6 H | .025" | \$57.45 |  |  |  |  |
| M138C18R18 | 1/8" | 18R | .025" | \$20.67 | M138M14V10 | 1/4" | 10-14V | .025" | \$57.45 |  |  |  |  |
| M138C316S4 | 3/16" | 4S | .025" | \$17.78 | M138M14V14 | 1/4" | 14-18V | .025" | \$57.45 | This blade is | used | woodcu | but it |
| M138C316S6 | 3/16" | 6S | .025" | \$18.19 | M138M38H4 | 3/8" | 4H | .025" | \$57.45 | ST be us | a | cutting | aw. |
| M138C316R10 | 3/16" | 10R | .025" | \$17.78 | M138M38V10 | 3/8" | $10-14 \mathrm{~V}$ | .025" | \$57.45 | , |  |  |  |
| M138C316R14 | 3/16" | 14R | .025" | \$17.78 | M138M38V14 | 3/8" | 14-18V | .025" | \$57.45 | cuts abrasive | hard | materia | ch as |
| M138C316R18 | 3/16" | 18R | .025" | \$17.78 | M138M12H3 | 1/2" | 3H | .035" | \$57.45 | wire-reinforc | ber, | belted | tires, |
| M138C316R24 | 3/16" | 24R | .025" | \$17.78 | M138M12H4 | 1/2" | 4H | .025" | \$57.45 | ceramics, fib | con | ites, har | steel, |
| M138C14H4 | 1/4" | 4H | .025" | \$14.83 | M138M12H6 | 1/2" | 6H | .025" | \$57.45 | cast iron (gr | vo | graphite, | case- |
| M138C14H6 | 1/4" | 6 H | .025" | \$14.83 | M138M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$57.45 | hardened m | . A | lleted ca | grit |
| M138C14R10 | 1/4" | 10R | .025" | \$14.83 | M138M12V8 | 1/2" | 8-12V | .025" | \$57.45 | andsaw bla | eal | utting 1/ | 4mm) |
| M138C14R14 | 1/4" | 14R | .025" | \$14.83 | M138M12V10 | 1/2" | 10-14V | .025" | \$57.45 | ker m | wh | cong | ade is |
| M138C14R18 | 1/4" | 18R | .025" | \$14.83 | M138M12T14 | 1/2" | 14 | .025" | \$57.45 | al for | 1/2 | $4 \mathrm{~mm})$ |  |
| M138C14R24 | 1/4" | 24R | .025" | \$14.83 | M138M12V14 | 1/2" | 14-18V | .025" | \$57.45 | materials. |  |  |  |
| M138C38H3 | 3/8" | 3H | .025" | \$16.59 | M138M12T18 | 1/2" | 18 | .025" | \$57.45 |  |  |  |  |
| M138C38H4 | 3/8" | 4H | .025" | \$16.59 | M138M58V10 | 5/8" | 10-14V | .032" | \$60.71 | Tool No. | Width | Thickness | Price |
| M138C38H6 | 3/8" | 6H | .025" | \$16.59 | M138M34H3 | 3/4" | 3H | .035" | \$60.71 | M138G38MG | 3/8" | .025" | \$288.56 |
| M138C38R8 | 3/8" | 8R | .025" | \$16.59 | M138M34V4 | 3/4" | 4-6V | .035" | \$60.71 | M138G12MG | 1/2" | .025" | \$298.72 |
| M138C38R10 | 3/8" | 10R | .025" | \$16.59 | M138M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$60.71 | M138G34MG | 3/4" | .032" | \$318.24 |
| M138C38R14 | 3/8" | 14R | .025" | \$16.59 | M138M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$60.71 | M138G1MG | 1 " | .035" | \$335.53 |
| M138C38R18 | 3/8" | 18R | .025" | \$16.59 | M138M34V8 | 3/4" | 8-12V | .035" | \$60.71 | M138G114MG | 1-1/4" | .042" | 355.37 |
| M138C38R24 | 3/8" | 24R | .025" | \$15.71 | M138M34V10 | 3/4" | 10-14V | .035" | \$60.71 |  |  |  |  |
| M138C12H3 | 1/2" | 3H | .025" | \$18.19 | M138M34W14 | 3/4" | 14W | .035" | \$60.71 | Carbide | ntin | s Bands |  |
| M138C12H4 | 1/2" | 4H | .025" | \$18.19 | M138M34W18 | 3/4" | 18W | .035" | \$60.71 | 138" | ) Lo | Med-C |  |
| M138C12H6 | 1/2" | 6H | .025" | \$18.19 | M138M1V2 | 1 " | 2-3V | .035" | \$69.84 | for 1/4" | I) 0 | nner |  |
| M138C12R10 | 1/2" | 10R | .025" | \$18.19 | M138M1H3 | 1 " | 3H | .035" | \$69.84 |  |  |  |  |
| M138C12R14 | 1/2" | 14R | .025" | \$18.19 | M138M1V3 | 1 " | 3-4V | .035" | \$69.84 |  |  |  |  |
| M138C12R18 | 1/2" | 18R | .025" | \$18.19 | M138M1V4 | 1 " | 4-6V | .035" | \$69.84 |  |  |  |  |
| M138C12R24 | 1/2" | 24R | .025" | \$18.19 | M138M1V5 | 1 " | $5-8 \mathrm{~V}$ | .035" | \$69.84 |  |  |  |  |
| M138C58H3 | 5/8" | 3H | .032" | \$21.57 | M138M1V6 | 1 " | $6-10 \mathrm{~V}$ | .035" | \$69.84 |  |  |  |  |
| M138C58H4 | 5/8" | 4H | .032" | \$21.57 | M138M1V8 | 1 " | 8-12V | .035" | \$69.84 |  |  |  |  |
| M138C58R10 | 5/8" | 10R | .032" | \$21.57 | M138M1V10 | 1 " | 10-14V | .035" | \$69.84 |  |  |  |  |
| M138C58R14 | 5/8" | 14R | .032" | \$21.57 | M138M114V2 | 1-1/4" | 2-3V | .042" | \$83.90 |  |  |  |  |
| M138C34H2 | 3/4" | 2H | .032" | \$21.57 | M138M114V3 | 1-1/4" | 3-4V | .042" | \$83.90 |  |  |  |  |
| M138C34H3 | 3/4" | 3H | .032" | \$21.57 | M138M114V4 | 1-1/4" | 4-6V | .042" | \$83.90 | MUST be used |  |  | saw |
| M138C34H4 | 3/4" | 4H | .032" | \$21.57 | M138M114V5 | 1-1/4" | $5-8 \mathrm{~V}$ | .042" | \$83.90 | MUST be us |  | cutting | saw. |
| M138C34H6 | 3/4" | 6 H | .032" | \$21.57 | M138M114V6 | 1-1/4" | $6-10 \mathrm{~V}$ | .042" | \$83.90 | abr | arc |  | s |
| M138C34R6 | 3/4" | 6R | .032" | \$21.57 | M138M114V8 | 1-1/4" | 8-12V | .042" | \$83.90 | wire-reinforc | er | belted | tires |
| M138C34R10 | $3 / 4$ " | 10R | .032" | \$21.57 |  |  |  |  |  | wire-reinforc |  |  | tires, |
| M138C34R14 | 3/4" | 14R | .032" | \$21.57 | Carbi | Tipp | Ban | w Bla |  | eramics, fibe | S, com | sites, hard | steel, |
| M138C34R18 | 3/4" | 18R | .032" | \$21.57 |  | 8" (1 | 6") L |  |  |  |  | graphite, | case- |
| M138C1H1.3 | 1 " | 1.3 H | .035" | \$28.21 |  |  |  | N/ |  | andsaw blade |  |  |  |
| M138C1H2 | 1 " | 2H | .035" | \$28.21 |  |  |  |  |  | bandsaw blad | deal |  | mm) |
| M138C1H3 | $1 "$ | 3H | .035" | \$28.21 |  |  |  |  |  | or thicker ma | whil | continuo | ade is |
| M138C1H4 | 1 " | 4H | .035" | \$28.21 | Tool No. | Width | Tooth | ickness | Price |  | 1/4" | ( mm ) | inner |
| M138C1H6 | 1 " | 6 H | .035" | \$28.21 | M138E12T3 | 1/2" | 3 | .025" | \$240.17 |  |  |  |  |
| M138C1R6 | 1 " | 6R | .035" | \$28.21 | M138E34T3 | 3/4" | 3 | .032" | \$264.90 | Tool No. | Width | Thickness | Price |
| M138C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$28.21 | M138E1T1.3 | 1 " | 1.3 | .035" | \$264.90 | M138G14MC | 1/4" | .020" | \$274.83 |
| M138C1R10 | 1 " | 10R | .035" | \$28.21 | M138E1T2 | $1 "$ | 2 | .035" | \$264.90 | M138G12MC | 1/2" | .025" | \$291.53 |
| M138C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$28.21 | M138E1V2 | 1 " | 2-3V | .035" | \$258.62 | M138G1MC | 1 " | .035" | \$327.45 |
| M138C114H1.3 | 1-1/4" | 1.3 H | .042" | \$35.34 | M138E1T3 | $1 "$ | 3 | .035" | \$264.90 |  |  |  |  |
| M138C112H1.15 | 1-1/2" | 1.15 H | .045" | \$39.47 |  |  |  |  |  |  |  |  |  |



Carbide Grit Gulleted Bandsaw Blade 142" (11' 10 ") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material

| Tool No. | Width Tooth Thickness Price |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M142C18R14 | $1 / 8^{\prime \prime}$ | 14 R | $.025^{\prime \prime}$ | $\$ 21.22$ | $\begin{array}{lllll}\text { M142C18R18 } & 1 / 8^{\prime \prime} & 18 \mathrm{R} & .025^{\prime \prime} & \$ 21.2\end{array}$ M142C316S4 | M142C316S6 |
| :--- |
| M142C316R10 | M142C316R14 | M142C316R18 |
| :--- |
| M142C316R24 | M



Carbon Steel Bandsaw Blade
142" (11' 10 ") Long
IUAAONATE ${ }^{m}$

| M142C14H4 | $1 / 4^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ |  |
| :--- | :--- | :---: | :--- | :--- |
| M142C14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 1$ |
| M142C14R10 | $1 / 4^{\prime \prime}$ | 10 R | $.025^{\prime \prime}$ | $\$ 1$ |


| M142C14R14 | $1 / 4^{\prime \prime}$ | 14R | $.025^{\prime \prime}$ |  |
| :--- | :--- | :--- | :--- | :--- |
| M142C14R18 | $1 / 4^{\prime \prime}$ | 18R | $.025^{\prime \prime}$ | \$14 |


| M142C14R24 | $1 / 4^{\prime \prime}$ | 24 R | $.025^{\prime \prime}$ |
| :--- | :--- | :---: | :--- |
| M142C38H3 | $3 / 8^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ |
| M142C38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ |
| M142C38H6 | $3 / 8^{\prime \prime}$ | 6 H | $025^{\prime \prime}$ |


| M142C38H6 | $3 / 8^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | \$ |
| :--- | :--- | :---: | :--- | :--- |
| M142C38R8 | $3 / 8^{\prime \prime}$ | 8R | $.025^{\prime \prime}$ | \$16 |
| M142C38R10 | $3 / 8^{\prime \prime}$ | 10R | $.025^{\prime \prime}$ | $\$ 16$ |
| M142C38R14 | $3 / 8^{\prime \prime}$ | 14 R | $.0255^{\prime \prime}$ | $\$ 18$ |

Tool No. Width Tooth Thickness Price

Bi-metal Bandsaw Blade 142" (11' 10") Long

MIAONATETE


## IVIA GNATIE" ${ }^{\text {m }}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M142G38MG | 3/8" | .025" | \$296.67 |
| M142G12MG | 1/2" | .025" | \$307.12 |
| M142G34MG | 3/4" | .032" | \$327.18 |
| M142G1MG | $1{ }^{\prime \prime}$ | .035" | \$344.97 |
| M142G114MG | 1-1/4" | .042" | \$365.34 |
| Carbide Grit Continuous Bandsaw Blade 142" (11' 10") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |
|  |  | $C \mathrm{~N}$ |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M142G14MC | $1 / 4^{\prime \prime}$ | $.020 "$ | $\$ 282.54$ |
| M142G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 316.16$ |
| M142G1MC | $1 "$ | $.0355^{\prime \prime}$ | $\$ 355.10$ | | M142C114H1.3 | $1-1 / 4^{\prime \prime}$ | 1.3 H | $.042^{\prime \prime}$ | $\$ 36.64$ |
| :--- | :--- | :--- | :--- | :--- |
| M142C112H1.15 | $1-1 / 2^{\prime \prime}$ | 1.15 H | $.045^{\prime \prime}$ | $\$ 40.90$ |



IVIAMUNATIE ${ }^{\text {TM }} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA


Hawc Pro Resaw Bandsaw Blade 149" (12' 5") Long


SUPERCUTM

Tool No. Width Tooth Thickness Price | B149H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025 "$ | $\$ 25.70$ |
| :--- | :--- | :--- | :--- | :--- |

Carbide Impregnated Bandsaw Blade 149" (12' 5") Long


SUPERCUT

| Tool No. | Width |  | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B149G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 38.65$ |  |
| B149G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 36.87$ |  |
| B149G12H3 | $1 / 2^{\prime \prime}$ | $3 H$ | $.025^{\prime \prime}$ | $\$ 38.62$ |  |



Tool No. Width Tooth Thickness Price | B149P58V3 | $5 / 8^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.025 "$ | $\$ 102.63$ |
| :--- | :--- | :--- | :--- | :--- |



| Tool No. | Width | Tooth | Thickness | Price |
| ---: | :---: | :---: | :---: | :---: | :---: |
| B149S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025 "$ | $\$ 87.63$ |
| B149S1T3 | $1 "$ | 3 | $.025^{\prime \prime}$ | $\mathbf{\$ 1 0 2 . 0 2}$ |

Carbide Grit Gulleted Bandsaw Blade
149" (12' 5") Long, Med-Coarse
For 1/4" (6.4mm) or Thicker Abrasives and Harden Material

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M149G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 310.8$ |
| M149G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 321.83$ |
| M149G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 342.83$ |
| M149G1MG | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 361.5$ |
| M149G114MG | $1-1 / 4^{\prime \prime}$ | $.042^{\prime \prime}$ | $\$ 382.7$ |
| Carbide Grit Continuous Bandsaw Blade |  |  |  |
| 149" (12' 5") Long, Med-Coarse |  |  |  |
| For 1/4" $(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :--- |
| M149G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 296.04$ |
| M149G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 316.16$ |
| M149G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 355.10$ |

Carbon Steel Bandsaw Blade 150" (12' 6") Long

IJIAGNATIETM
Tool No. Width Tooth Thickness Price

| M150C18R14 | 1/8" | 14R | .025" | \$21.79 |
| :---: | :---: | :---: | :---: | :---: |
| M150C18R18 | 1/8" | 18R | .025" | \$21.79 |
| M150C316S4 | 3/16" | 4S | .025" | \$18.79 |
| M150C316S6 | 3/16" | 6S | .025" | \$19.40 |
| M150C316R10 | 3/16" | 10R | .025" | \$18.79 |
| M150C316R14 | 3/16" | 14R | .025" | \$18.79 |
| M150C316R18 | 3/16" | 18R | .025" | \$18.79 |
| M150C316R24 | 3/16" | 24R | .025" | \$18.79 |
| M150C14H4 | 1/4" | 4H | .025" | \$15.74 |
| M150C14H6 | 1/4" | 6H | .025" | \$15.74 |
| M150C14R10 | 1/4" | 10R | .025" | \$15.74 |
| M150C14R14 | 1/4" | 14R | .025" | \$15.74 |
| M150C14R18 | 1/4" | 18R | .025" | \$15.74 |
| M150C14R24 | 1/4" | 24R | .025" | \$15.74 |
| M150C38H3 | 3/8" | 3H | .025" | \$17.47 |
| M150C38H4 | 3/8" | 4H | .025" | \$17.47 |
| M150C38H6 | 3/8" | 6 H | .025" | \$17.47 |
| M150C38R8 | 3/8" | 8R | .025" | \$17.47 |
| M150C38R10 | 3/8" | 10R | .025" | \$17.47 |
| M150C38R14 | 3/8" | 14R | .025" | \$17.47 |
| M150C38R18 | 3/8" | 18R | .025" | \$17.47 |
| M150C38R24 | 3/8" | 24R | .025" | \$16.60 |
| M150C12H3 | 1/2" | 3H | .025" | \$19.40 |
| M150C12H4 | 1/2" | 4H | .025" | \$19.40 |
| M150C12H6 | 1/2" | 6 H | .025" | \$19.40 |
| M150C12R10 | 1/2" | 10R | .025" | \$19.40 |
| M150C12R14 | 1/2" | 14R | .025" | \$19.40 |
| M150C12R18 | 1/2" | 18R | .025" | \$19.40 |
| M150C12R24 | 1/2" | 24R | .025" | \$19.40 |
| M150C58H3 | 5/8" | 3H | .032" | \$23.07 |
| M150C58H4 | 5/8" | 4H | .032" | \$23.07 |
| M150C58R10 | 5/8" | 10R | .032" | \$23.07 |
| M150C58R14 | 5/8" | 14R | .032" | \$23.07 |
| M150C34H2 | 3/4" | 2H | .032" | \$23.07 |
| M150C34H3 | 3/4" | 3H | .032" | \$23.07 |
| M150C34H4 | 3/4" | 4H | .032" | \$23.07 |
| M150C34H6 | 3/4" | 6H | .032" | \$23.07 |
| M150C34R6 | 3/4" | 6R | .032" | \$23.07 |
| M150C34R10 | 3/4" | 10R | .032" | \$23.07 |
| M150C34R14 | 3/4" | 14R | .032" | \$23.07 |
| M150C34R18 | 3/4" | 18R | .032" | \$23.07 |
| M150C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$30.17 |
| M150C1H2 | $1{ }^{\prime \prime}$ | 2 H | .035" | \$30.17 |
| M150C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$30.17 |
| M150C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$30.17 |
| M150C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$30.17 |
| M150C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$30.17 |
| M150C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$30.17 |
| M150C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$30.17 |
| M150C1R14 | $1 "$ | 14R | .035" | \$30.17 |
| M150C114H1.3 | 1-1/4" | 1.3H | .042" | \$37.93 |
| M150C112H1.15 | 1-1/2" | 1.15 H | .045" | \$42.33 |

Carbide Grit Gulleted Bandsaw Blade 150" (12' 6") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material


| M150M38V14 | $3 / 8^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025 "$ | $\$ 61.72$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M12H3 | $1 / 2 "$ | 3 H | $035 "$ | $\$ 61.72$ |


| M150M12H3 | $1 / 2^{\prime \prime}$ | 3H | $.035^{\prime \prime}$ | $\$ 61.72$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 61.72$ |
| M150M12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 61.72$ |


| M150M12V6 | $1 / 2^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 61.72$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M12V8 | $1 / 2^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 61.72$ |

$\begin{array}{lllll}\text { M150M12V10 } & 1 / 2^{\prime \prime} & 10-14 \mathrm{~V} & .025^{\prime \prime} & \$ 61.72 \\ \text { M150M12T14 } & 1 / 2^{\prime \prime} & 14 & .025 & \$ 61.72\end{array}$

| M150M12T14 | $1 / 2^{\prime \prime}$ | 14 | $.025^{\prime \prime}$ | $\$ 61.72$ |
| :--- | :--- | :---: | :--- | :--- |
| M150M12V14 | $1 / 2^{\prime \prime}$ | $14-18 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 61.72$ |

$\begin{array}{lllll}\text { M150M12T18 } & 1 / 2^{\prime \prime} & 18 & .025^{\prime \prime} & \$ 61.72\end{array}$

| M150M58V10 | $5 / 8^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.032^{\prime \prime}$ | $\$ 65.17$ |
| :--- | :--- | :---: | :--- | :--- |
| M150M34H3 | $3 / 4^{\prime \prime}$ | 3 H | $.035{ }^{\prime \prime}$ | $\$ 65.17$ |


| M150M34V4 | $3 / 4^{\prime \prime}$ | $4-6 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 65.17$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M34V5 | $3 / 4^{\prime \prime}$ | $5-8 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 65.17$ |
| M150M34V6 | $3 / 4^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 65.17$ |


| M150M34V8 | $3 / 4^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 65.17$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M34V10 | $3 / 4^{\prime \prime}$ | $10-14 \mathrm{~V}$ | .035 | $\$ 65.17$ |


| M150M34V10 | $3 / 4^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 65.17$ |
| :--- | :--- | :---: | :--- | :--- |
| M150M34W14 | $3 / 4^{\prime \prime}$ | 14 W | $.035^{\prime \prime}$ | $\$ 65.17$ |
| M150M34W18 | $3 / 4^{\prime \prime}$ | 18 W | $.035^{\prime \prime}$ | $\$ 65.17$ |

M150M1V2 $11^{\prime \prime}$ 2-3V $\quad .035 " \$ \$ 75.10 \mid$

| M150M1V3 | $1^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.035 "$ | $\$ 75.10$ |
| :--- | :--- | :---: | :--- | :--- |
| M150M1V4 | $1^{\prime \prime}$ | $4-6 \mathrm{~V}$ | $035 "$ | $\$ 75.10$ |

$\begin{array}{lllll}\text { M150M1V4 } & 1^{\prime \prime} & 4-6 \mathrm{~V} & .035 " & \$ 75.10 \\ \text { M150M1V5 } & 1^{\prime \prime} & 5-8 \mathrm{~V} & .035 & \$ 75.10\end{array}$

| M150M1V6 | $1^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 75.10$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M1V8 | $1^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.035^{\prime \prime}$ | $\$ 75.10$ |

M150M1V10 $\quad 1^{\prime \prime} \quad 10-14 \mathrm{~V} \quad .035^{\prime \prime} \quad \$ 75.10$

| M150M114V2 | $1-1 / 4^{\prime \prime}$ | $2-3 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M114V3 | $1-1 / 4^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |


| M150M114V3 | $1-1 / 4$ | $3-4 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M114V4 | $1-1 / 4^{\prime \prime}$ | $4-6 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |


| M150M114V5 | $1-1 / 4^{\prime \prime}$ | $5-8 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M114V6 | $1-1 / 4^{\prime \prime}$ | $6-10 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |
| M150M114V8 | $1-1 / 4^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.042^{\prime \prime}$ | $\$ 90.21$ |

M150M112V2 $1-1 / 2^{\prime \prime} \quad 2-3 \mathrm{~V} \quad .050 \prime$ " $\$ 109.45$

| M150M112V3 | $1-1 / 2^{\prime \prime}$ | $3-4 \mathrm{~V}$ | $.050 "$ | $\$ 109.45$ |
| :--- | :--- | :--- | :--- | :--- |
| M150M112V4 | $1-1 / 2^{\prime \prime}$ | $4-6 \mathrm{~V}$ | $.050 "$ | $\$ 109.45$ |
| M150M112V5 | $1-1 / 2$ | $5-8 \mathrm{~V}$ | $050 "$ | $\$ 109.45$ |

M150M112V5 $1-1 / 2^{\prime \prime} \quad 5-8 \mathrm{~V} \quad .050 " \$ 109.45$

Carbide Tipped Bandsaw Blade 150" (12' 6") Long

IMIAGNATIE" ${ }^{\text {m }}$


Hawc Pro Resaw Bandsaw Blade 150" (12' 6") Long

Tool No. Width Tooth Thickness Price


Tool No. Width Tooth Thickness Price | B150G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 38.65$ |
| :--- | :--- | :--- | :--- | :--- |
| B150G38H4 | $3 / 8^{\prime \prime}$ | 4H | $.025^{\prime \prime}$ | $\$ 36.87$ |
| B150G12H3 | $1 / 2^{\prime \prime}$ | 3H | $.025^{\prime \prime}$ | $\$ 38.62$ |

WoodSaver Plus Resaw Bandsaw Blades 150" (12' 6") Long


Tool No. Width Tooth Thickness Price

## 




Hawc Pro Resaw Bandsaw Blade 154-1/2" (12' 10-1/2") Long


Tool No. Width Tooth Thickness Price B154.5H12T3 1/2" 3 .025" \$26.35


| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B154.5G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 39.77$ |
| B154.5G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 37.78$ |
| B154.5G12H3 | $1 / 2^{\prime \prime}$ | $3 H$ | $.025^{\prime \prime}$ | $\$ 39.55$ |



Tool No. Width Tooth Thickness Price B154.5P58V3 5/8" 3 3-4V $\quad$.025" $\$ 106.32$

| WoodSaver Resaw Bandsaw Blades 154-1/2" (12' 10-1/2") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $S_{t}$ | $P E R C$ |  |
| Tool No. | Width | Tooth | Thickness | Price |
| B154.5S58T3 | 5/8" | 3 | .025" | \$90.88 |
| B154.5S1T3 | $1{ }^{\prime \prime}$ | 3 | .025" | \$105.73 |

Carbide Grit Gulleted Bandsaw Blade 154-1/2" (12' 10-1/2") Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material


## IUAONATTE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M154.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 306.65$ |
| M154.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 328.47$ |
| M154.5G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 368.91$ |

Carbon Steel Bandsaw Blade 155" (12' 11") Long


Tool No. Width Tooth Thickness Price

| M155C18R14 | 1/8" | 14R | .025" | \$22.34 |
| :---: | :---: | :---: | :---: | :---: |
| M155C18R18 | 1/8" | 18R | .025" | \$22.34 |
| M155C316S4 | 3/16" | 4S | .025" | \$19.12 |
| M155C316S6 | 3/16" | 6S | .025" | \$20.00 |
| M155C316R10 | 3/16" | 10R | .025" | \$19.12 |
| M155C316R14 | 3/16" | 14R | .025" | \$19.12 |
| M155C316R18 | 3/16" | 18R | .025" | \$19.12 |
| M155C316R24 | 3/16" | 24R | .025" | \$19.12 |
| M155C14H4 | 1/4" | 4H | .025" | \$16.19 |
| M155C14H6 | 1/4" | 6H | .025" | \$16.19 |
| M155C14R10 | 1/4" | 10R | .025" | \$16.19 |
| M155C14R14 | 1/4" | 14R | .025" | \$16.19 |
| M155C14R18 | 1/4" | 18R | .025" | \$16.19 |
| M155C14R24 | 1/4" | 24R | .025" | \$16.19 |
| M155C38H3 | 3/8" | 3H | .025" | \$17.98 |
| M155C38H4 | 3/8" | 4H | .025" | \$17.98 |
| M155C38H6 | 3/8" | 6H | .025" | \$17.98 |
| M155C38R8 | 3/8" | 8R | .025" | \$17.98 |
| M155C38R10 | 3/8" | 10R | .025" | \$17.98 |
| M155C38R14 | 3/8" | 14R | .025" | \$17.98 |
| M155C38R18 | 3/8" | 18R | .025" | \$17.98 |
| M155C38R24 | 3/8" | 24R | .025" | \$16.98 |
| M155C12H3 | 1/2" | 3H | .025" | \$20.00 |
| M155C12H4 | 1/2" | 4H | .025" | \$20.00 |
| M155C12H6 | 1/2" | 6 H | .025" | \$20.00 |
| M155C12R10 | 1/2" | 10R | .025" | \$20.00 |
| M155C12R14 | 1/2" | 14R | .025" | \$20.00 |
| M155C12R18 | 1/2" | 18R | .025" | \$20.00 |
| M155C12R24 | 1/2" | 24R | .025" | \$20.00 |
| M155C58H3 | 5/8" | 3H | .032" | \$23.81 |
| M155C58H4 | 5/8" | 4H | .032" | \$23.81 |
| M155C58R10 | 5/8" | 10R | .032" | \$23.81 |
| M155C58R14 | 5/8" | 14R | .032" | \$23.81 |
| M155C34H2 | 3/4" | 2H | .032" | \$23.81 |
| M155C34H3 | 3/4" | 3H | .032" | \$23.81 |
| M155C34H4 | 3/4" | 4H | .032" | \$23.81 |
| M155C34H6 | 3/4" | 6H | .032" | \$23.81 |
| M155C34R6 | 3/4" | 6R | .032" | \$23.81 |
| M155C34R10 | 3/4" | 10R | .032" | \$23.81 |
| M155C34R14 | 3/4" | 14R | .032" | \$23.81 |
| M155C34R18 | 3/4" | 18R | .032" | \$23.81 |
| M155C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$31.16 |
| M155C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$31.16 |
| M155C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$31.16 |
| M155C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$31.16 |
| M155C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$31.16 |
| M155C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$31.16 |
| M155C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$31.16 |
| M155C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$31.16 |
| M155C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$31.16 |
| M155C114H1.3 | 1-1/4" | 1.3H | .042" | \$39.22 |
| M155C112H1.15 | 1-1/2" | 1.15H | .042" | \$43.76 |





| Carbide Grit Gulleted Bandsaw Blade <br> 158" (13' 2") Long, Med-Coarse <br> For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Abrasives and <br> Harden Material |  |  |  | Carbon Steel Bandsaw Blade160" (13' 4") Long |  |  |  |  | Bi-metal Bandsaw Blade 160" (13' 4") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| This blade is NOT used for woodcutting, but it |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | M160C316S4 | 3/16" | 4S | .025" | \$20.00 | M160M14H6 | 1/4" | 6 H | .025" | \$65.98 |
|  |  |  |  | M160C316S6 | 3/16" | 6S | .025" | \$20.60 | M160M14V10 | 1/4" | 10-14V | .025" | \$65.98 |
|  |  |  |  | M160C316R10 | 3/16" | 10R | .025" | \$20.00 | M160M14V14 | 1/4" | 14-18V | .025" | \$65.98 |
| MUST be used with a wood cutting band saw. |  |  |  | M160C316R14 | 3/16" | 14R | .025" | \$20.00 | M160M38H4 | 3/8" | 4H | .025" | \$65.98 |
| DO NOT use a metal-cutting band saw with it. It |  |  |  | M160C316R18 | 3/16" | 18R | .025" | \$20.00 | M160M38V10 | 3/8" | 10-14V | .025" | \$65.98 |
| cuts abrasive and hardened materials such as |  |  |  | M160C316R24 | 3/16" | 24R | .025" | \$20.00 | M160M38V14 | 3/8" | 14-18V | .025" | \$65.98 |
| wire-reinforced rubber, steel belted radial tires, |  |  |  | M160C14H4 | 1/4" | 4H | .025" | \$16.66 | M160M12H3 | 1/2" | 3H | .035" | \$65.98 |
| ceramics, fiberglass, composites, hardened steel, |  |  |  | M160C14H6 | 1/4" | 6 H | .025" | \$16.66 | M160M12H4 | 1/2" | 4H | .025" | \$65.98 |
| cast iron (grey with voids), graphite, and case- |  |  |  | M160C14R10 | 1/4" | 10R | .025" | \$16.66 | M160M12H6 | 1/2" | 6 H | .025" | \$65.98 |
| hardened materials. A gulleted carbide grit |  |  |  | M160C14R14 | 1/4" | 14R | .025" | \$16.66 | M160M12V6 | 1/2" | $6-10 \mathrm{~V}$ | .025" | \$65.98 |
| bandsaw blade is ideal for cutting 1/4" (6.4mm) |  |  |  | M160C14R18 | 1/4" | 18R | .025" | \$16.66 | M160M12V8 | 1/2" | $8-12 \mathrm{~V}$ | .025" | \$65.98 |
| or thicker materials; while a continuous blade is |  |  |  | M160C14R24 | 1/4" | 24R | .025" | \$16.66 | M160M12V10 | 1/2" | 10-14V | .025" | \$65.98 |
| ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials. |  |  |  | M160C38H3 | 3/8" | 3H | .025" | \$18.52 | M160M12T14 | 1/2" | 14 | .025" | \$65.98 |
|  |  |  |  | M160C38H4 | 3/8" | 4H | .025" | \$18.52 | M160M12V14 | 1/2" | 14-18V | .025" | \$65.98 |
|  |  |  |  | M160C38H6 | 3/8" | 6H | .025" | \$18.52 | M160M12T18 | 1/2" | 18 | .025" | \$65.98 |
| Tool No. | Width | Thickness | Price | M160C38R8 | 3/8" | 8R | .025" | \$18.52 | M160M58V10 | 5/8" | 10-14V | .032" | \$69.64 |
| M158G38MG | 3/8" | .025" | \$329.11 | M160C38R10 | 3/8" | 10R | .025" | \$18.52 | M160M34H3 | 3/4" | 3H | .035" | \$69.64 |
| M158G12MG | 1/2" | .025" | \$340.76 | M160C38R14 | 3/8" | 14R | .025" | \$18.52 | M160M34V4 | 3/4" | 4-6V | .035" | \$69.64 |
| M158G34MG | 3/4" | .032" | \$362.96 | M160C38R18 | 3/8" | 18R | .025" | \$18.52 | M160M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$69.64 |
| M158G1MG | 1 " | .035" | \$382.75 | M160C38R24 | 3/8" | 24R | .025" | \$17.34 | M160M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$69.64 |
| M158G114MG | 1-1/4' | .042" | \$405.20 | M160C12H3 | 1/2" | 3H | .025" | \$20.60 | M160M34V8 | 3/4" | $8-12 \mathrm{~V}$ | .035" | \$69.64 |
| $\begin{gathered} \text { Carbide Grit Continuous Bandsaw Blade } \\ 158^{\prime \prime}\left(13^{\prime} 2^{\prime \prime}\right) \text { Long, Med-Coarse } \\ \text { For } 1 / 4^{\prime \prime}(6.4 \mathrm{~mm}) \text { or Thinner Material } \end{gathered}$ |  |  |  | M160C12H4 | 1/2" | 4H | .025" | \$20.60 | M160M34V10 | 3/4" | $10-14 \mathrm{~V}$ | .035" | \$69.64 |
|  |  |  |  | M160C12H6 | 1/2" | 6H | .025" | \$20.60 | M160M34W14 | $3 / 4 "$ | 14W | .035" | \$69.64 |
|  |  |  |  | M160C12R10 | 1/2" | 10R | .025" | \$20.60 | M160M34W18 | 3/4" | 18W | .035" | \$69.64 |
|  |  |  |  | M160C12R14 | 1/2" | 14R | .025" | \$20.60 | M160M1V2 | 1 " | 2-3V | .035" | \$80.36 |
| This blade is NOT used for woodcutting, but it |  |  |  | M160C12R18 | 1/2" | 18R | .025" | \$20.60 | M160M1H3 | 1 " | 3H | .035" | \$80.36 |
|  |  |  |  | M160C12R24 | 1/2" | 24R | .025" | \$20.60 | M160M1V3 | 1 " | $3-4 \mathrm{~V}$ | .035" | \$80.36 |
|  |  |  |  | M160C58H3 | 5/8" | 3H | .032" | \$24.57 | M160M1V4 | $1 "$ | 4-6V | .035" | \$80.36 |
|  |  |  |  | M160C58H4 | 5/8" | 4H | .032" | \$24.57 | M160M1V5 | 1 " | $5-8 \mathrm{~V}$ | .035" | \$80.36 |
|  |  |  |  | M160C58R10 | 5/8" | 10R | .032" | \$24.57 | M160M1V6 | 1 " | $6-10 \mathrm{~V}$ | .035" | \$80.36 |
|  |  |  |  | M160C58R14 | 5/8" | 14R | .032" | \$24.57 | M160M1V8 | 1 " | 8-12V | .035" | \$80.36 |
|  |  |  |  | M160C34H2 | 3/4" | 2H | .032" | \$24.57 | M160M1V10 | 1 " | $10-14 \mathrm{~V}$ | .035" | \$80.36 |
|  |  |  |  | M160C34H3 | 3/4" | 3H | .032" | \$24.57 | M160M114V2 | 1-1/4" | 2-3V | .042" | \$96.53 |
|  |  |  |  | M160C34H4 | 3/4" | 4H | .032" | \$24.57 | M160M114V3 | 1-1/4" | 3-4V | .042" | \$96.53 |
|  |  |  |  | M160C34H6 | $3 / 4 "$ | 6 H | .032" | \$24.57 | M160M114V4 | 1-1/4" | 4-6V | .042" | \$96.53 |
|  |  |  |  | M160C34R6 | 3/4" | 6R | .032" | \$24.57 | M160M114V5 | 1-1/4" | $5-8 \mathrm{~V}$ | .042" | \$96.53 |
| DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as |  |  |  | M160C34R10 | 3/4" | 10R | .032" | \$24.57 | M160M114V6 | 1-1/4" | $6-10 \mathrm{~V}$ | .042" | \$96.53 |
| wire-reinforced rubber, steel belted radial tires, |  |  |  | M160C34R14 | 3/4" | 14R | .032" | \$24.57 | M160M114V8 | 1-1/4" | 8-12V | .042" | \$96.53 |
|  |  |  |  | M160C34R18 | 3/4" | 18R | .032" | \$24.57 | M160M112V2 | 1-1/2" | 2-3V | .050" | \$117.33 |
| ceramics, fiberglass, composites, hardened steel, |  |  |  | M160C1H1.3 | 1 " | 1.3 H | .035" | \$32.14 | M160M112V3 | 1-1/2" | 3-4V | .050" | \$117.33 |
| cast iron (grey with voids), graphite, and case- |  |  |  | M160C1H2 | 1 " | 2 H | .035" | \$32.14 | M160M112V4 | 1-1/2" | 4-6V | .050" | \$117.33 |
| hardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) |  |  |  | M160C1H3 | $1 "$ | 3H | .035" | \$32.14 | M160M112V5 | 1-1/2" | $5-8 \mathrm{~V}$ | .050" | \$117.33 |
| or thicker materials; while a continuous blade is |  |  |  | M160C1H4 | $1 "$ | 4H | .035" | \$32.14 |  |  |  |  |  |
| ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner |  |  |  | M160C1H6 | 1 " | 6 H | .035" | \$32.14 |  |  |  |  |  |
|  |  |  |  | M160C1R6 | 1 " | 6R | .035" | \$32.14 |  |  |  |  |  |
| materials. |  |  |  | M160C1R8 | 1 " | 8R | .035" | \$32.14 |  |  |  |  |  |
| Tool No. | Width | Thickness | Price | M160C1R10 | $1 "$ | 10R | .035" | \$32.14 |  |  |  |  |  |
| M158G14MC | 1/4" | .020" | \$313.40 | M160C1R14 | $1 "$ | 14R | .035" | \$32.14 |  |  |  |  |  |
| M158G12MC | 1/2" | .025" | \$340.75 | M160C114H1.3 | 1-1/4" | 1.3 H | .042" | \$40.52 |  |  |  |  |  |
| M158G1MC | 1 " | .035" | \$382.74 | M160C112H1.15 | 1-1/2" | 1.15 H | .045" | \$45.19 |  |  |  |  |  |

Hawc Pro Resaw Bandsaw Blade 160" (13' 4") Long


Tool No. Width Tooth Thickness Price B160H12T3 1/2" $3 \quad .025^{\prime \prime} \quad \$ 27.08$


| Tool No. | Width | Tooth | Thickness | Price |
| :---: | :---: | :---: | :---: | :---: |
| B160G14H6 | 1/4" | 6H | .025" | \$40.55 |
| B160G38H4 | 3/8" | 4H | .025" | \$38.55 |
| B160G12H3 | 1/2" | 3H | .025" | \$40.77 |



Tool No. Width Tooth Thickness Price B160P58V3 5/8" $3-4 \mathrm{~V} \quad .025^{\prime \prime} \quad \$ 109.07$


Carbide Grit Gulleted Bandsaw Blade
160" (13' 4") Long, Med-Coarse
For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Abrasives and Harden Material


## IMAONATEE"

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.


This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :--- |
| M160G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 317.26$ |
| M160G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 344.95$ |
| M160G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 382.74$ |

## Carbon Steel Bandsaw Blade 161" (13' 5") Long <br>  <br> IVIAGNATIETM

Tool No. Width Tooth Thickness Price

| M161C316S4 | 3/16" | 4 S | .025" | \$20.00 |
| :---: | :---: | :---: | :---: | :---: |
| M161C316S6 | 3/16" | 6 S | .025" | \$20.60 |
| M161C316R10 | 3/16" | 10R | .025" | \$20.00 |
| M161C316R14 | 3/16" | 14R | .025" | \$20.00 |
| M161C316R18 | 3/16" | 18R | .025" | \$20.00 |
| M161C316R24 | 3/16" | 24R | .025" | \$20.00 |
| M161C14H4 | 1/4" | 4H | .025" | \$16.66 |
| M161C14H6 | 1/4" | 6H | .025" | \$16.66 |
| M161C14R10 | 1/4" | 10R | .025" | \$16.66 |
| M161C14R14 | 1/4" | 14R | .025" | \$16.66 |
| M161C14R18 | 1/4" | 18R | .025" | \$16.66 |
| M161C14R24 | 1/4" | 24R | .025" | \$16.66 |
| M161C38H3 | 3/8" | 3H | .025" | \$18.52 |
| M161C38H4 | 3/8" | 4H | .025" | \$18.52 |
| M161C38H6 | 3/8" | 6H | .025" | \$18.52 |
| M161C38R8 | 3/8" | 8R | .025" | \$18.52 |
| M161C38R10 | 3/8" | 10R | .025" | \$18.52 |
| M161C38R14 | 3/8" | 14R | .025" | \$18.52 |
| M161C38R18 | 3/8" | 18R | .025" | \$18.52 |
| M161C38R24 | 3/8" | 24R | .025" | \$17.34 |
| M161C12H3 | 1/2" | 3H | .025" | \$20.60 |
| M161C12H4 | 1/2" | 4H | .025" | \$20.60 |
| M161C12H6 | 1/2" | 6H | .025" | \$20.60 |
| M161C12R10 | 1/2" | 10R | .025" | \$20.60 |
| M161C12R14 | 1/2" | 14R | .025" | \$20.60 |
| M161C12R18 | 1/2" | 18R | .025" | \$20.60 |
| M161C12R24 | 1/2" | 24R | .025" | \$20.60 |
| M161C58H3 | 5/8" | 3H | .032" | \$24.57 |
| M161C58H4 | 5/8" | 4H | .032" | \$24.57 |
| M161C58R10 | 5/8" | 10R | .032" | \$24.57 |
| M161C58R14 | 5/8" | 14R | .032" | \$24.57 |
| M161C34H2 | 3/4" | 2H | .032" | \$24.57 |
| M161C34H3 | 3/4" | 3H | .032" | \$24.57 |
| M161C34H4 | 3/4" | 4H | .032" | \$24.57 |
| M161C34H6 | 3/4" | 6 H | .032" | \$24.57 |
| M161C34R6 | 3/4" | 6R | .032" | \$24.57 |
| M161C34R10 | 3/4" | 10R | .032" | \$24.57 |
| M161C34R14 | 3/4" | 14R | .032" | \$24.57 |
| M161C34R18 | 3/4" | 18R | .032" | \$24.57 |
| M161C1H1.3 | $1{ }^{\prime \prime}$ | 2H | .035" | \$32.14 |
| M161C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$32.14 |
| M161C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$32.14 |
| M161C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$32.14 |
| M161C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$32.14 |
| M161C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$32.14 |
| M161C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$32.14 |
| M161C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$32.14 |
| M161C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$32.14 |
| M161C114H1.3 | 1-1/4" | 1.3H | .042" | \$40.52 |
| M161C112H1.15 | 1-1/2" | 1.15H | .045" | \$45.19 |



IVIAMCNATIE ${ }^{\text {TM }} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA
Carbide Grit Gulleted Bandsaw Blade 161-1/2" (13' 5-1/2") Long, Med-Coarse For 1/4" (6.4mm) or Thicker Abrasives and Harden Material

## VIAGNATIE"

Tool No. M161.5C316S4 M161.5C316S6 M161.5C316R10 \begin{tabular}{|l|}
\hline M161.5C316R14 <br>
M161.5C316R18

 M161.5C316R24 M161.5C14H4 M161.5C14H6 

M161.5C14R10 \& $1 / 4^{\prime \prime}$ \& 10 R \& $.025 "$ <br>
M161.5C14R14 \& $1 / 4^{\prime \prime}$ \& 14 R \& $.025 "$ <br>
\hline

 

\hline M161.5C14R18 \& $1 / 4^{\prime \prime}$ \& 18 R \& $.025 "$ \& \$16.66 \& M <br>
M161.5C14R24 \& $1 / 4^{\prime \prime}$ \& 24 R \& $.025 "$ \& $\$ 16.66$ \& M <br>
M161.5C38H3 \& $3 / 8^{\prime \prime}$ \& $3 H$ \& $.025 "$ \& $\$ 18.52$ \& M <br>
M1
\end{tabular}



 \begin{tabular}{|lllll|}
\hline M161.5C38R18 \& $3 / 8^{\prime \prime}$ \& 18 R \& $.025 "$ \& $\$ 18.52$ <br>
M161.5C38R24 \& $3 / 8^{\prime \prime}$ \& 24 R \& $.025 "$ \& $\$ 17.34$ <br>
M1615C12H3 \& $1 / 2 "$ \& 3 H \& $025 "$ \& $\$ 20.60$

 

\hline M161.5C12H4 \& $1 / 2^{\prime \prime}$ \& 4 H \& $.025^{\prime \prime}$ \& $\$ 20.60$ <br>
M161.5C12H6 \& $1 / 2^{\prime \prime}$ \& 6 H \& $.025^{\prime \prime}$ \& $\$ 20.60$ <br>
M161.5C12R10 \& $1 / 2^{\prime \prime}$ \& 10 R \& $.025^{\prime \prime}$ \& $\$ 20.60$

 

\hline M161.5C12R10 \& $1 / 2^{\prime \prime}$ \& 10R \& $.025^{\prime \prime}$ \& \$20.60 \& M <br>
\hline M161.5C12R14 \& $1 / 2^{\prime \prime}$ \& 14R \& $.025^{\prime \prime}$ \& \$20.60 \& M <br>
\hline M1

 

\hline M161.5C12R18 \& $1 / 2^{\prime \prime}$ \& 18 R \& $.025^{\prime \prime}$ \& \$20.60 \& M <br>
M161.5C12R24 \& $1 / 2^{\prime \prime}$ \& 24 R \& $.025^{\prime \prime}$ \& \$20.60 \& M1 <br>
M161.5C58H3 \& $5 / 8^{\prime \prime}$ \& $3 H$ \& $.032^{\prime \prime}$ \& $\$ 24.57$ \& M1

 

\hline M161.5C58H4 \& $5 / 8^{\prime \prime}$ \& 4 H \& $.032 "$ \& $\$ 24.57$ <br>
M161.5C58R10 \& $5 / 8^{\prime \prime}$ \& 10 R \& $.032 "$ \& $\$ 24.57$ <br>
\hline
\end{tabular}

| M161.5C58R14 | $5 / 8^{\prime \prime}$ | 14 R | $.032 "$ | $\$ 24.57$ |
| :--- | :--- | :--- | :--- | :--- |
| M161.5C34H2 | $3 / 4$ | 2 H | $.0322^{\prime \prime}$ | $\$ 24.57$ |


| M161.5C34H3 | $3 / 4 "$ | $3 H$ | $.032 "$ | $\$ 24.57$ |
| :--- | :--- | :--- | :--- | :--- |
| M161.5C34H4 | $3 / 4 "$ | 4 H | $.032 "$ | $\$ 24.57$ |
| M161.5C34H6 | $3 / 4^{\prime \prime}$ | 6 H | $.032 "$ | $\$ 24.57$ |
| M161.5C34R6 | $3 / 4$ | 6 R | $032 "$ | $\$ 24.57$ |


| M161.5C34R6 | 3/4" | 6R | .032" | \$24.57 | M161.5M112V3 | 1-1/2" | 3-4V | .050" | \$117.33 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M161.5C34R10 | 3/4" | 10R | .032" | \$24.57 | M161.5M112V4 | 1-1/2" | 4-6V | .050" | \$117.33 |
| M161.5C34R14 | 3/4" | 14R | .032" | \$24.57 | M161.5M112V5 | 1-1/2" | 5-8V | .050" | \$117.33 |


| M161.5C34R18 | 3/4" | 18R | .032" | \$24.57 |
| :---: | :---: | :---: | :---: | :---: |
| M161.5C1H1.3 | $1{ }^{\prime \prime}$ | 1.3H | .035" | \$32.14 |
| M161.5C1H2 | $1{ }^{\prime \prime}$ | 2H | .035" | \$32.14 |
| M161.5C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$32.14 |
| M161.5C1H4 | $1 "$ | 4H | .035" | \$32.14 |
| M161.5C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$32.14 |
| M161.5C1R6 | $1{ }^{\prime \prime}$ | 6 R | .035" | \$32.1 |
| M161.5C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$32.14 |
| M161.5C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$32.14 |
| M161.5C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$32.14 |
| M161.5C114H1.3 | 1-1/4" | 1.3H | .042" | \$40.52 |
| M161.5C112H1.15 | 1-1/2" | 1.15H | .045" | \$45.19 |


| Tool No. | Width Tooth Thickness |  | Price |  |
| :---: | :---: | :---: | :---: | :---: |
| M161.5M14H6 | $1 / 4^{\prime \prime}$ | $6 H$ | $.025^{\prime \prime}$ | $\$ 65.98$ |

## Bi-metal Bandsaw Blade 161-1/2" (13' 5-1/2") Long <br> IMIA GNATIE" ${ }^{\text {m }}$

# \section*{|} <br>  



|  | M161.5M12H4 | $1 / 2^{\prime \prime}$ | 4 H | $.025 "$ |
| :--- | :--- | :--- | :--- | :--- |
| M161.5M12H6 | $1 / 2^{\prime \prime}$ | 6 H | $.025 "$ | $\$ 65.98$ |

## M161.5M12V6 1/2" 6-10V .025" \$65.98

\section*{| M161.5M12V8 | $1 / 2^{\prime \prime}$ | $8-12 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 65.98$ |
| :--- | :--- | :--- | :--- | :--- |
| M161.5M12V10 | $1 / 2^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025^{\prime \prime}$ | $\$ 65.98$ |}


| $\mid M 161.5 M 12 V 10$ | $1 / 2^{\prime \prime}$ | $10-14 \mathrm{~V}$ | $.025 "$ | $\$ 65.98$ |
| :---: | :---: | :---: | :---: | :---: |
| M161.5M12T14 | $1 / 2^{\prime \prime}$ | 14 | $.025 "$ | $\$ 65.98$ |

IM161.5M34H3

| M161.5M34V5 | $3 / 4^{\prime \prime}$ | $5-8 \mathrm{~V}$ | $.035 "$ | $\$ 69.64$ |
| :--- | :--- | :--- | :--- | :--- |

$\begin{array}{lllll}\text { M161.5M34V8 } & 3 / 4^{\prime \prime} & 8-12 \mathrm{~V} & .035 " & \$ 69.64 \\ \text { M161.5M34V10 } & 3 / 4^{\prime \prime} & 10-14 \mathrm{~V} & .035 " & \$ 69.6\end{array}$
$\$ 65.98$
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| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: |
| M161.5E12T3 | 1/2" | 3 | .025" | \$280.40 |
| M161.5E34T3 | 3/4" | 3 | .032" | \$307.58 |
| M161.5E1T1.3 | $1{ }^{\prime \prime}$ | 1.3 | .035" | \$307.58 |
| M161.5E1T2 | 1 ' | 2 | .035" | \$307.58 |
| M161.5E1V2 | $1{ }^{\prime \prime}$ | 2-3V | .035" | \$301.90 |
| M161.5E1T3 | $1{ }^{\prime \prime}$ | 3 | .035" | \$307.58 |
| M161.5E114V2 | 1-1/4" | 2-3V | .042" | \$311.75 |
| M161.5E114V3 | 1-1/4" | 3-4V | .042" | \$395 | \$96.53 \$96.53 \$117.33 58

This blade is NOT used for woodcutting, but it
MUST be used with a wood cutting band saw. This blade is NOT used for woodcutting, but it
MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M161.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 320.15$ |
| M161.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 340.76$ |
| M161.5G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 382.74$ |

## IVIAGNATIE ${ }^{m}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.
IIIAGNATIE ${ }^{m}$


MAN $\mathrm{S}^{2} A^{\text {™ }} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA


Hawc Pro Resaw Bandsaw Blade 169-1/2" (14' 1-1/2") Long


Tool No. Width Tooth Thickness Price | B169.5H12T3 | $1 / 2^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 28.33$ |
| :--- | :--- | :--- | :--- | :--- |



| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B169.5G14H6 | $1 / 4^{\prime \prime}$ | 6 H | $.025^{\prime \prime}$ | $\$ 42.60$ |
| B169.5G38H4 | $3 / 8^{\prime \prime}$ | 4 H | $.025^{\prime \prime}$ | $\$ 40.52$ |
| B169.5G12H3 | $1 / 2^{\prime \prime}$ | 3 H | $.025^{\prime \prime}$ | $\$ 42.60$ |

## WoodSaver Plus Resaw Bandsaw Blades 169-1/2" (14' 1-1/2") Long



Tool No. Width Tooth Thickness Price | B169.5P58V3 | 5/8" | $3-4 \mathrm{~V}$ | $.025 "$ | $\$ 117.35$ |
| :--- | :--- | :--- | :--- | :--- |



Carbide Grit Gulleted Bandsaw Blade
169-1/2" (14' 1-1/2") Long, Med-Coarse NOT Used For Woodcutting Use Woodcutting Bandsaw Only Cutting Abrasive \& Hardened Materials For 1/4" (6.4mm) or Thicker Material


IMAGNATE ${ }^{\text {"' }}$
This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M169.5G38MG | $3 / 8^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 352.44$ |
| M169.5G12MG | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 364.91$ |
| M169.5G34MG | $3 / 4^{\prime \prime}$ | $.032^{\prime \prime}$ | $\$ 388.67$ |
| M169.5G1MG | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 409.91$ |
| M169.5G114MG | $1-1 / 4^{\prime \prime}$ | $.042^{\prime \prime}$ | $\$ 433.85$ |

## Carbide Grit Continuous Bandsaw Blade 169-1/2" (14' 1-1/2") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material



This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4$ " ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M169.5G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 335.58$ |
| M169.5G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 353.07$ |
| M169.5G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 396.57$ |

## Carbon Steel Bandsaw Blade 170-1/2" (14' 2-1/2") Long <br> 

| Tool No. | Width Tooth Thickness Price |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| M170.5C316S4 | 3/16" | 4S | .025" | \$20.66 |
| M170.5C316S6 | 3/16" | 6S | .025" | \$21.81 |
| M170.5C316R10 | 3/16" | 10R | .025" | \$20.66 |
| M170.5C316R14 | 3/16" | 14R | .025" | \$20.66 |
| M170.5C316R18 | 3/16" | 18R | .025" | \$20.66 |
| M170.5C316R24 | 3/16" | 24R | .025" | \$20.66 |
| M170.5C14H4 | 1/4" | 4H | .025" | \$17.57 |
| M170.5C14H6 | 1/4" | 6 H | .025" | \$17.57 |
| M170.5C14R10 | 1/4" | 10R | .025" | \$17.57 |
| M170.5C14R14 | 1/4" | 14R | .025" | \$17.57 |
| M170.5C14R18 | 1/4" | 18R | .025" | \$17.57 |
| M170.5C14R24 | 1/4" | 24R | .025" | \$17.57 |
| M170.5C38H3 | 3/8" | 3H | .025" | \$19.57 |
| M170.5C38H4 | 3/8" | 4H | .025" | \$19.57 |
| M170.5C38H6 | 3/8" | 6H | .025" | \$19.57 |
| M170.5C38R8 | 3/8" | 8R | .025" | \$19.57 |
| M170.5C38R10 | 3/8" | 10R | .025" | \$19.57 |
| M170.5C38R14 | 3/8" | 14R | .025" | \$19.57 |
| M170.5C38R18 | 3/8" | 18R | .025" | \$19.57 |
| M170.5C38R24 | 3/8" | 24R | .025" | \$18.24 |
| M170.5C12H3 | 1/2" | 3H | .025" | \$21.81 |
| M170.5C12H4 | 1/2" | 4H | .025" | \$21.81 |
| M170.5C12H6 | 1/2" | 6 H | .025" | \$21.81 |
| M170.5C12R10 | 1/2" | 10R | .025" | \$21.81 |
| M170.5C12R14 | 1/2" | 14R | .025" | \$21.81 |
| M170.5C12R18 | 1/2" | 18R | .025" | \$21.81 |
| M170.5C12R24 | 1/2" | 24R | .025" | \$21.81 |
| M170.5C58H3 | 5/8" | 3H | .032" | \$26.07 |
| M170.5C58H4 | 5/8" | 4H | .032" | \$26.07 |
| M170.5C58R10 | 5/8" | 10R | .032" | \$26.07 |
| M170.5C58R14 | 5/8" | 14R | .032" | \$26.07 |
| M170.5C34H2 | 3/4" | 2 H | .032" | \$26.07 |
| M170.5C34H3 | 3/4" | 3H | .032" | \$26.07 |
| M170.5C34H4 | 3/4" | 4H | .032" | \$26.07 |
| M170.5C34H6 | 3/4" | 6H | .032" | \$26.07 |
| M170.5C34R6 | 3/4" | 6R | .032" | \$26.07 |
| M170.5C34R10 | 3/4" | 10R | .032" | \$26.07 |
| M170.5C34R14 | 3/4" | 14R | .032" | \$26.07 |
| M170.5C34R18 | 3/4" | 18R | .032" | \$26.07 |
| M170.5C1H1.3 | 1 " | 1.3 H | .035" | \$34.10 |
| M170.5C1H2 | $1 "$ | 2 H | .035" | \$34.10 |
| M170.5C1H3 | $1 "$ | 3H | .035" | \$34.10 |
| M170.5C1H4 | 1 " | 4H | .035" | \$34.10 |
| M170.5C1H6 | $1 "$ | 6 H | .035" | \$34.10 |
| M170.5C1R6 | 1 " | 6R | .035" | \$34.10 |
| M170.5C1R8 | $1 "$ | 8R | .035" | \$34.10 |
| M170.5C1R10 | 1 " | 10R | .035" | \$34.10 |
| M170.5C1R14 | $1 "$ | 14R | .035" | \$34.10 |
| M170.5C114H1.3 | 1-1/4" | 1.3 H | .042" | \$43.10 |
| M170.5C112H1.15 | 1-1/2" | 1.15 H | .045" | \$48.05 |


| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B169.5S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 100.30$ |
| B169.5S1T3 | $1^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\$ 116.83$ |



| Tool No. | Width Tooth Thickness |  |  | Price |
| :---: | :---: | :---: | :---: | :---: |
| B170.5S58T3 | $5 / 8^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\mathbf{\$ 1 0 0 . 3 0}$ |
| B170.5S1T3 | $1^{\prime \prime}$ | 3 | $.025^{\prime \prime}$ | $\mathbf{\$ 1 1 6 . 8 3}$ |



| Carbide Grit Gulleted Bandsaw Blade |
| :---: |
| $176^{\prime \prime}\left(14^{\prime} 8^{\prime \prime}\right)$ Long, Med-Coarse |
| For 1/4" $(6.4 \mathrm{~mm})$ or Thicker Material |

For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Material


## IMAGNATIE ${ }^{m}$

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :---: | :---: | :---: | :---: |
| M176G38MG | 3/8" | .025" | \$365.62 |
| M176G12MG | 1/2" | .025" | \$378.5 |
| M176G34MG | 3/4" | .032" | \$403.20 |
| M176G1MG | $1{ }^{\prime \prime}$ | .035" | \$425.25 |
| M176G114MG | 1-1/4" | .042" | \$450.05 |
| Carbide Grit Continuous Bandsaw Blade 176" (14' 4") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thinner Material |  |  |  |
|  |  | $A \in \mathbb{N}$ |  |

This blade is NOT used for woodcutting, but it MUST be used with a wood cutting band saw. DO NOT use a metal-cutting band saw with it. It cuts abrasive and hardened materials such as wire-reinforced rubber, steel belted radial tires, ceramics, fiberglass, composites, hardened steel, cast iron (grey with voids), graphite, and casehardened materials. A gulleted carbide grit bandsaw blade is ideal for cutting $1 / 4^{\prime \prime}$ ( 6.4 mm ) or thicker materials; while a continuous blade is ideal for cutting $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or thinner materials.

| Tool No. | Width | Thickness | Price |
| :--- | :---: | :---: | :---: |
| M176G14MC | $1 / 4^{\prime \prime}$ | $.020^{\prime \prime}$ | $\$ 348.11$ |
| M176G12MC | $1 / 2^{\prime \prime}$ | $.025^{\prime \prime}$ | $\$ 378.57$ |
| M176G1MC | $1^{\prime \prime}$ | $.035^{\prime \prime}$ | $\$ 425.25$ |

## Carbon Steel Bandsaw Blade 176-3/4" (14' 8-3/4") Long <br>  <br> IJIAGNATEEM

| Tool No. | Width | Tooth | hickne | Price |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M176.75C316S4 | 3/16" | 4S | .025" | \$23.07 |  |  |  |  |  |
| M176.75C316S6 | 3/16" | 6S | .025" | \$22.41 |  |  |  |  |  |
| M176.75C316R10 | 3/16" | 10R | .025" | \$21.47 |  |  |  |  |  |
| M176.75C316R14 | 3/16" | 14R | .025" | \$21.47 |  |  |  |  |  |
| M176.75C316R18 | 3/16" | 18R | .025" | \$21.47 | Tool No. | Width | Tooth | Thickness | Price |
| M176.75C316R24 | 3/16" | 24R | .025" | \$21.47 | B176.75H12T3 | 1/2" | 3 | .025" | \$29.13 |
| M176.75C14H4 | 1/4" | 4H | .025" | \$18.02 |  |  |  |  |  |
| M176.75C14H6 | 1/4" | 6H | .025" | \$18.02 | Carbide Impregnated Bandsaw Blade 176-3/4" (14' 8-3/4") Long |  |  |  |  |
| M176.75C14R10 | 1/4" | 10R | .025" | \$18.02 |  |  |  |  |  |
| M176.75C14R14 | 1/4" | 14R | .025" | \$18.02 | smar |  |  |  |  |
| M176.75C14R18 | 1/4" | 18R | .025" | \$18.02 |  |  |  |  |  |
| M176.75C14R24 | 1/4" | 24R | .025" | \$18.02 |  |  |  |  |  |
| M176.75C38H3 | 3/8" | 3H | .025" | \$20.09 |  |  |  |  |  |
| M176.75C38H4 | 3/8" | 4H | .025" | \$20.09 |  |  |  |  |  |
| M176.75C38H6 | 3/8" | 6H | .025" | \$20.09 |  |  |  |  |  |
| M176.75C38R8 | 3/8" | 8R | .025" | \$20.09 |  |  | SUPERCUT |  |  |
| M176.75C38R10 | 3/8" | 10R | .025" | \$20.09 |  |  |  |  |  |
| M176.75C38R14 | 3/8" | 14R | .025" | \$20.09 |  |  |  |  |  |
| M176.75C38R18 | 3/8" | 18R | .025" | \$20.09 |  | Width Tooth Thickness |  |  |  |
| M176.75C38R24 | 3/8" | 24R | .025" | \$18.64 | Tool No. Width |  | Price |
| M176.75C12H3 | 1/2" | 3H | .025" | \$22.41 | B176.75G14H6 |  |  |  | 1/4" | 6H | .025" | \$43.52 |
| M176.75C12H4 | 1/2" | 4H | .025" | \$22.41 | B176.75G38H4 | 3/8" | 4H | .025" | \$41.42 |
| M176.75C12H6 | 1/2" | 6H | .025" | \$22.41 | B176.75G12H3 | 1/2" | 3H | .025" | \$43.77 |
| M176.75C12R10 | 1/2" | 10R | .025" | \$22.41 |  |  |  |  |  |
| M176.75C12R14 | 1/2" | 14R | .025" | \$22.41 | WoodSaver Plus Resaw Bandsaw Blades 176-3/4" (14' 8-3/4") Long |  |  |  |  |
| M176.75C12R18 | 1/2" | 18R | .025" | \$22.41 |  |  |  |  |  |  |  |  |  |  |  |
| M176.75C12R24 | 1/2" | 24R | .025" | \$22.41 | THE WOOD SAVER <br> RESAW BLADE |  |  |  |  |
| M176.75C58H3 | 5/8" | 3H | .032" | \$26.81 |  |  |  |  |  |
| M176.75C58H4 | 5/8" | 4H | .032" | \$26.81 |  |  |  |  |  |
| M176.75C58R10 | 5/8" | 10R | .032" | \$26.81 |  |  |  |  |  |  |  |  |  |  |  |
| M176.75C58R14 | 5/8" | 14R | .032" | \$26.81 |  |  |  |  |  |
| M176.75C34H2 | 3/4" | 2H | .032" | \$26.81 |  |  |  |  |  |
| M176.75C34H3 | 3/4" | 3H | .032" | \$26.81 |  |  |  |  |  |
| M176.75C34H4 | 3/4" | 4H | .032" | \$26.81 |  |  |  |  |  |
| M176.75C34H6 | 3/4" | 6H | .032" | \$26.81 |  |  | UP1 | ER |  |
| M176.75C34R6 | 3/4" | 6R | .032" | \$26.81 |  |  |  |  |  |
| M176.75C34R10 | 3/4" | 10R | .032" | \$26.81 | Tool No. | Width Tooth Thickness |  |  |  |
| M176.75C34R14 | 3/4" | 14R | .032" | \$26.81 |  | 5/8" |  | 025" |  |
| M176.75C34R18 | 3/4" | 18R | .032" | \$26.81 | B176.75P58V3 |  |  | . 025 | \$121.02 |
| M176.75C1H1.3 | $1{ }^{\prime \prime}$ | 1.3 H | .035" | \$35.09 | WoodSaver Resaw Bandsaw Blades 176-3/4" (14' 8-3/4") Long |  |  |  |  |
| M176.75C1H2 | $1 "$ | 2H | .035" | \$35.09 |  |  |  |  |  |  |  |  |  |  |  |  |
| M176.75C1H3 | $1{ }^{\prime \prime}$ | 3H | .035" | \$35.09 |  |  |  |  |  |  |  |  |  |  |  |  |
| M176.75C1H4 | $1{ }^{\prime \prime}$ | 4H | .035" | \$35.09 |  |  |  |  |  |
| M176.75C1H6 | $1{ }^{\prime \prime}$ | 6H | .035" | \$35.09 |  |  |  |  |  |
| M176.75C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$35.09 |  |  |  |  |  |
| M176.75C1R8 | $1{ }^{\prime \prime}$ | 8R | .035" | \$35.09 |  |  |  |  |  |
| M176.75C1R10 | $1{ }^{\prime \prime}$ | 10R | .035" | \$35.09 |  |  |  |  |  |
| M176.75C1R14 | $1{ }^{\prime \prime}$ | 14R | .035" | \$35.09 |  |  |  |  |  |
| M176.75C114H1.3 | 1-1/4" | 1.3 H | .042" | \$44.40 |  |  | SUPERCUT |  |  |
| M176.75C112H1.15 1-1/2" 1.15H |  |  | .045" | \$49.48 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Tool No. | Width | Tooth Thickness |  | Price |
|  |  |  |  |  | B176.75S58T3 | 5/8" | 3 | .025" | \$103.43 |
|  |  |  |  |  | B176.75S1T3 | $1{ }^{\prime \prime}$ | 3 | .025" | \$120.55 |






| Carbon Steel Bandsaw Blade 183" (15' 3") Long |  |  |  |  | Carbide Grit Gulleted Bandsaw Blade 183" (15' 3") Long, Med-Coarse For $1 / 4^{\prime \prime}(6.4 \mathrm{~mm})$ or Thicker Material |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | hickne | Price |  |  |  |  |
| M183C316S4 | 3/16" | 4S | .025" | \$21.64 |  |  |  |  |
| M183C316S6 | 3/16" | 6S | .025" | \$23.02 | lade is | ded | woodc | it |
| M183C316R10 | 3/16" | 10R | .025" | \$21.64 | MUST be us | ith a w | od cutting | saw. |
| M183C316R14 | 3/16" | 14R | .025" | \$21.64 | DO NOT use | tal-cut | g band sa | h it. It |
| M183C316R18 | 3/16" | 18R | .025" | \$21.64 | cuts abrasive | harde | d materia | ch as |
| M183C316R24 | 3/16" | 24R | .025" | \$21.64 | wire-reinforce | bber, | el belted | tires, |
| M183C14H4 | 1/4" | 4H | .025" | \$18.48 | ceramics, fibe | s, com | osites, har | d steel, |
| M183C14H6 | 1/4" | 6H | .025" | \$18.48 | cast iron (gre | th voi | graphite, | case- |
| M183C14R10 | 1/4" | 10R | .025" | \$18.48 | hardened ma | s. A | clleted c | grit |
| M183C14R14 | 1/4" | 14R | .025" | \$18.48 | bandsaw blad | ideal f | utting 1/4 | 4mm) |
| M183C14R18 | 1/4" | 18R | .025" | \$18.48 | or thicker ma | ; wh | continuo | ade is |
| M183C14R24 | 1/4" | 24R | .025" | \$18.48 | ideal for cu | $1 / 4$ " | (6.4mm) | thinner |
| M183C38H3 | 3/8" | 3H | .025" | \$20.62 | materials. |  |  |  |
| M183C38H4 | 3/8" | 4H | .025" | \$20.62 |  |  |  |  |
| M183C38H6 | 3/8" | 6H | .025" | \$20.62 | Tool No. | Width | Thicknes | Price |
| M183C38R8 | 3/8" | 8R | .025" | \$20.62 | M183G38MG | 3/8" | .025" | \$379.81 |
| M183C38R10 | 3/8" | 10R | .025" | \$20.62 | M183G12MG | 1/2" | .025" | \$393.29 |
| M183C38R14 | 3/8" | 14R | .025" | \$20.62 | M183G34MG | 3/4" | .032" | \$418.85 |
| M183C38R18 | 3/8" | 18R | .025" | \$20.62 | M183G1MG | 1 " | .035" | \$441.78 |
| M183C38R24 | 3/8" | 24R | .025" | \$19.09 | M183G114MG | 1-1/4" | .042" | \$467.49 |
| M183C12H3 | 1/2" | 3H | .025" | \$23.02 |  |  |  |  |
| M183C12H4 | 1/2" | 4H | .025" | \$23.02 |  | ntin |  |  |
| M183C12H6 | 1/2" | 6 H | .025" | \$23.02 | 183" (1 | ) Lol | Med-C |  |
| M183C12R10 | 1/2" | 10R | .025" | \$23.02 | For 1/4" (6. | m) 01 | inner | rial |
| M183C12R14 | 1/2" | 14R | .025" | \$23.02 |  |  |  |  |
| M183C12R18 | 1/2" | 18R | .025" | \$23.02 |  |  |  |  |
| M183C12R24 | 1/2" | 24R | .025" | \$23.02 |  |  |  |  |
| M183C58H3 | 5/8" | 3H | .032" | \$27.57 |  |  |  |  |
| M183C58H4 | 5/8" | 4H | .032" | \$27.57 |  |  |  |  |
| M183C58R10 | 5/8" | 10R | .032" | \$27.57 |  |  |  |  |
| M183C58R14 | 5/8" | 14R | .032" | \$27.57 |  |  |  |  |
| M183C34H2 | 3/4" | 2H | .032" | \$27.57 |  |  |  |  |
| M183C34H3 | 3/4" | 3H | .032" | \$27.57 | This blade is | used | woodcu | but |
| M183C34H4 | 3/4" | 4H | .032" | \$27.57 | MUST be us |  | d cutting |  |
| M183C34H6 | 3/4" | 6 H | .032" | \$27.57 | DO NOT use |  | ba |  |
| M183C34R6 | 3/4" | 6R | .032" | \$27.57 | cuts abrasive | hard | er | ch as |
| M183C34R10 | 3/4" | 10R | .032" | \$27.57 | wire-reinforce | bber, | el belted | al tires |
| M183C34R14 | 3/4" | 14R | .032" | \$27.57 | ceramics, fibe | ss, com | ites, har | stee |
| M183C34R18 | 3/4" | 18R | .032" | \$27.57 | cast iron (gr | th void | graphite | ca |
| M183C1H1.3 | 1 " | 1.3H | .035" | \$36.07 |  |  | lleted | grit |
| M183C1H2 | $1 "$ | 2H | .035" | \$37.01 | bandsaw blad | ideal for | cutting | 6.4 mm |
| M183C1H3 | 1 " | 3H | .035" | \$36.07 |  |  |  |  |
| M183C1H4 | 1 " | 4H | .035" | \$36.07 |  | $\begin{aligned} & \mathrm{W} \\ & 1 / 4 \end{aligned}$ | (4mm) | inn |
| M183C1H6 | $1 "$ | 6H | .035" | \$36.07 | materials. |  |  |  |
| M183C1R6 | 1 " | 6R | .035" | \$36.07 |  |  |  |  |
| M183C1R8 | 1 " | 8R | .035" | \$36.07 | Tool No. | Width | Thickness | Price |
| M183C1R10 | 1 " | 10R | .035" | \$36.07 | M183G14MC | 1/4" | .020" | \$361.61 |
| M183C1R14 | $1 "$ | 14R | .035" | \$36.07 | M183G12MC | 1/2" | .025" | \$393.29 |
| M183C114H1.3 | 1-1/4" | 1.3 H | .042" | \$45.69 | M183G1MC | 1 " | .035" | \$441.78 |
| M183C112H1.15 | 1-1/2" | 1.15 H | .045" | \$50.91 |  |  |  |  |



Tool No. Width Tooth Thickness Price

| M201C14H4 | 1/4" | 4H | .025" | \$19.84 |
| :---: | :---: | :---: | :---: | :---: |
| M201C14H6 | 1/4" | 6 H | .025" | \$19.84 |
| M201C14R10 | 1/4" | 10R | .025" | \$19.84 |
| M201C14R14 | 1/4" | 14R | .025" | \$19.84 |
| M201C14R18 | 1/4" | 18R | .025" | \$19.84 |
| M201C14R24 | 1/4" | 24R | .025" | \$19.84 |
| M201C38H3 | 3/8" | 3H | .025" | \$22.19 |
| M201C38H4 | 3/8" | 4H | .025" | \$22.19 |
| M201C38H6 | 3/8" | 6H | .025" | \$22.19 |
| M201C38R8 | 3/8" | 8R | .025" | \$22.19 |
| M201C38R10 | 3/8" | 10R | .025" | \$22.19 |
| M201C38R14 | 3/8" | 14R | .025" | \$22.19 |
| M201C38R18 | 3/8" | 18R | .025" | \$22.19 |
| M201C38R24 | 3/8" | 24R | .025" | \$20.34 |
| M201C12H3 | 1/2" | 3H | .025" | \$24.83 |
| M201C12H4 | 1/2" | 4H | .025" | \$25.38 |
| M201C12H6 | 1/2" | 6H | .025" | \$24.83 |
| M201C12R10 | 1/2" | 10R | .025" | \$24.83 |
| M201C12R14 | 1/2" | 14R | .025" | \$24.83 |
| M201C12R18 | 1/2" | 18R | .025" | \$24.83 |
| M201C12R24 | 1/2" | 24R | .025" | \$24.83 |
| M201C58H3 | 5/8" | 3H | .032" | \$29.81 |
| M201C58H4 | 5/8" | 4H | .032" | \$29.81 |
| M201C58R10 | 5/8" | 10R | .032" | \$29.81 |
| M201C58R14 | 5/8" | 14R | .032" | \$29.81 |
| M201C34H2 | 3/4" | 2 H | .032" | \$29.81 |
| M201C34H3 | 3/4" | 3H | .032" | \$29.81 |
| M201C34H4 | 3/4" | 4H | .032" | \$29.81 |
| M201C34H6 | 3/4" | 6 H | .032" | \$29.81 |
| M201C34R6 | 3/4" | 6R | .032" | \$29.81 |
| M201C34R10 | 3/4" | 10R | .032" | \$29.81 |
| M201C34R14 | 3/4" | 14R | .032" | \$29.81 |
| M201C34R18 | 3/4" | 18R | .032" | \$29.81 |
| M201C1H1.3 | 1 " | 1.3 H | .032" | \$39.02 |
| M201C1H2 | $1 "$ | 2 H | .035" | \$39.02 |
| M201C1H3 | 1 " | 3H | .035" | \$39.02 |
| M201C1H4 | 1 " | 4H | .035" | \$39.02 |
| M201C1H6 | $1 "$ | 6 H | .035" | \$39.02 |
| M201C1R6 | $1{ }^{\prime \prime}$ | 6R | .035" | \$39.02 |
| M201C1R8 | 1 " | 8R | .035" | \$39.02 |
| M201C1R10 | 1 " | 10R | .035" | \$39.02 |
| M201C1R14 | $1 "$ | 14R | .035" | \$39.02 |
| M201C114H1.3 | 1-1/4" | 1.3 H | .042" | \$49.57 |
| M201C112H1.15 | 1-1/2" | 1.15 H | .045" | \$55.21 |


| Carbon Steel Bandsaw Blade 222" (18' 6") Long |  |  |  |  | $\begin{aligned} & \text { Carbon Steel Bandsaw Blade } \\ & 244 "\left(20^{\prime} 4^{\prime \prime}\right) \text { Long } \end{aligned}$ |  |  |  |  | Bi-metal Bandsaw Blade 244" (20' 4') Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Widt | Tooth | Thickness | Price | Tool No. | Width | Toot | hickness | Price | Tool No. | Widt | Tooth | hickness | Price |
| M222C14H4 | 1/4" | 4H | .025" | \$21.22 | M244C38H3 | 3/8" | 3H | .025" | \$25.88 | M244M38H4 | 3/8" | 4H | .025" | \$95.84 |
| M222C14H6 | 1/4" | 6 H | .025" | \$21.22 | M244C38H4 | 3/8" | 4H | .025" | \$26.65 | M244M38V10 | 3/8" | 10-14V | .025" | \$95.84 |
| M222C14R10 | 1/4" | 10R | .025" | \$21.22 | M244C38H6 | 3/8" | 6H | .025" | \$25.88 | M244M38V14 | 3/8" | 14-18V | .025" | \$95.84 |
| M222C14R14 | 1/4" | 14R | .025" | \$21.22 | M244C38R8 | 3/8" | 8R | .025" | \$25.88 | M244M12H3 | 1/2" | 3H | .035" | \$95.84 |
| M222C14R18 | 1/4" | 18R | .025" | \$21.22 | M244C38R10 | 3/8" | 10R | .025" | \$25.88 | M244M12H4 | 1/2" | 4H | .025" | \$95.84 |
| M222C14R24 | 1/4" | 24R | .025" | \$21.22 | M244C38R14 | 3/8" | 14R | .025" | \$25.88 | M244M12H6 | 1/2" | 6H | .025" | \$95.84 |
| M222C38H3 | 3/8" | 3H | .025" | \$23.78 | M244C38R18 | 3/8" | 18R | .025" | \$25.88 | M244M12V6 | 1/2" | 6-10V | .025" | \$95.84 |
| M222C38H4 | 3/8" | 4H | .025" | \$23.78 | M244C38R24 | 3/8" | 24R | .025" | \$23.24 | M244M12V8 | 1/2" | 8-12V | .025" | \$95.84 |
| M222C38H6 | 3/8" | 6H | .025" | \$23.78 | M244C12H3 | 1/2" | 3H | .025" | \$29.05 | M244M12V10 | 1/2" | 10-14V | .025" | \$95.84 |
| M222C38R8 | 3/8" | 8R | .025" | \$23.78 | M244C12H4 | 1/2" | 4H | .025" | \$29.05 | M244M12T14 | 1/2" | 14 | .025" | \$95.84 |
| M222C38R10 | 3/8" | 10R | .025" | \$23.78 | M244C12H6 | 1/2" | 6 H | .025" | \$29.05 | M244M12V14 | 1/2" | 14-18V | .025" | \$95.84 |
| M222C38R14 | 3/8" | 14R | .025" | \$23.78 | M244C12R10 | 1/2" | 10R | .025" | \$29.05 | M244M12T18 | 1/2" | 18 | .025" | \$95.84 |
| M222C38R18 | 3/8" | 18R | .025" | \$23.78 | M244C12R14 | 1/2" | 14R | .025" | \$29.05 | M244M58V10 | 5/8" | 10-14V | .032" | \$100.90 |
| M222C38R24 | 3/8" | 24R | .025" | \$21.62 | M244C12R18 | 1/2" | 18R | .025" | \$29.05 | M244M34H3 | 3/4" | 3H | .035" | \$100.90 |
| M222C12H3 | 1/2" | 3H | .025" | \$26.64 | M244C12R24 | 1/2" | 24R | .025" | \$29.05 | M244M34V4 | 3/4" | 4-6V | .035" | \$100.90 |
| M222C12H4 | 1/2" | 4H | .025" | \$26.64 | M244C58H3 | 5/8" | 3H | .032" | \$35.07 | M244M34V5 | 3/4" | $5-8 \mathrm{~V}$ | .035" | \$100.90 |
| M222C12H6 | 1/2" | 6H | .025" | \$26.64 | M244C58H4 | 5/8" | 4H | .032" | \$35.07 | M244M34V6 | 3/4" | $6-10 \mathrm{~V}$ | .035" | \$100.90 |
| M222C12R10 | 1/2" | 10R | .025" | \$26.64 | M244C58R10 | 5/8" | 10R | .032" | \$35.07 | M244M34V8 | 3/4" | 8-12V | .035" | \$100.90 |
| M222C12R14 | 1/2" | 14R | .025" | \$26.64 | M244C58R14 | 5/8" | 14R | .032" | \$35.07 | M244M34V10 | 3/4" | 10-14V | .035" | \$100.90 |
| M222C12R18 | 1/2" | 18R | .025" | \$26.64 | M244C34H2 | 3/4" | 2 H | .032" | \$35.07 | M244M34W14 | 3/4" | 14W | .035" | \$100.90 |
| M222C12R24 | 1/2" | 24R | .025" | \$26.64 | M244C34H3 | 3/4" | 3H | .032" | \$35.07 | M244M34W18 | 3/4" | 18W | .035" | \$100.90 |
| M222C58H3 | 5/8" | 3H | .032" | \$32.07 | M244C34H4 | 3/4" | 4H | .032" | \$35.07 | M244M1V2 | 1 " | 2-3V | .035" | \$117.17 |
| M222C58H4 | 5/8" | 4H | .032" | \$32.07 | M244C34H6 | 3/4" | 6 H | .032" | \$35.07 | M244M1H3 | 1 " | 3H | .035" | \$117.17 |
| M222C58R10 | 5/8" | 10R | .032" | \$32.07 | M244C34R6 | 3/4" | 6R | .032" | \$35.07 | M244M1V3 | 1 " | 3-4V | .035" | \$117.17 |
| M222C58R14 | 5/8" | 14R | .032" | \$32.07 | M244C34R10 | 3/4" | 10R | .032" | \$35.07 | M244M1V4 | 1 " | 4-6V | .035" | \$117.17 |
| M222C34H2 | 3/4" | 2 H | .032" | \$32.07 | M244C34R14 | 3/4" | 14R | .032" | \$35.07 | M244M1V5 | 1 " | $5-8 \mathrm{~V}$ | .035" | \$117.17 |
| M222C34H3 | 3/4" | 3H | .032" | \$32.07 | M244C34R18 | 3/4" | 18R | .032" | \$35.07 | M244M1V6 | 1 " | $6-10 \mathrm{~V}$ | .035" | \$117.17 |
| M222C34H4 | 3/4" | 4H | .032" | \$32.07 | M244C1H1.3 | 1 " | 1.3H | .035" | \$45.90 | M244M1V8 | 1 " | $8-12 \mathrm{~V}$ | .035" | \$117.17 |
| M222C34H6 | 3/4" | 6 H | .032" | \$32.07 | M244C1H2 | 1 " | 2 H | .035" | \$45.90 | M244M1V10 | 1 " | $10-14 \mathrm{~V}$ | .035" | \$117.17 |
| M222C34R6 | 3/4" | 6R | .032" | \$32.07 | M244C1H3 | 1 " | 3H | .035" | \$45.90 | M244M114V2 | 1-1/4" | 2-3V | .042" | \$140.81 |
| M222C34R10 | 3/4" | 10R | .032" | \$32.07 | M244C1H4 | 1 " | 4H | .035" | \$45.90 | M244M114V3 | 1-1/4" | 3-4V | .042" | \$140.81 |
| M222C34R14 | 3/4" | 14R | .032" | \$32.07 | M244C1H6 | 1 " | 6 H | .035" | \$45.90 | M244M114V4 | 1-1/4" | 4-6V | .042" | \$140.81 |
| M222C34R18 | 3/4" | 18R | .032" | \$32.07 | M244C1R6 | 1 " | 6R | .035" | \$45.90 | M244M114V5 | 1-1/4" | 5-8V | .042" | \$140.81 |
| M222C1H1.3 | 1 " | 1.3 H | .035" | \$41.97 | M244C1R8 | 1 " | 8R | .035" | \$45.90 | M244M114V6 | 1-1/4" | 6-10V | .042" | \$140.81 |
| M222C1H2 | 1 " | 2 H | .035" | \$41.97 | M244C1R10 | 1 " | 10R | .035" | \$45.90 | M244M114V8 | 1-1/4" | 8-12V | .042" | \$140.81 |
| M222C1H3 | 1 " | 3H | .035" | \$41.97 | M244C1R14 | 1 " | 14R | .035" | \$45.90 | M244M112V2 | 1-1/2" | 2-3V | .050" | \$172.38 |
| M222C1H4 | 1 " | 4H | .035" | \$41.97 | M244C114H1.3 | 1-1/4" | 1.3 H | .042" | \$58.62 | M244M112V3 | 1-1/2" | 3-4V | .050" | \$172.38 |
| M222C1H6 | 1 " | 6 H | .035" | \$41.97 | M244C112H1.15 | 1-1/2" | 1.15 H | .045" | \$65.22 | M244M112V4 | 1-1/2" | 4-6V | .050" | \$172.38 |
| M222C1R6 | 1 " | 6R | .035" | \$41.97 |  |  |  |  |  | M244M112V5 | 1-1/2" | 5-8V | .050" | \$172.38 |
| M222C1R8 | 1 " | 8R | .035" | \$41.97 |  |  |  |  |  |  |  |  |  |  |
| M222C1R10 | 1 " | 10R | .035" | \$41.97 |  |  |  |  |  |  |  |  |  |  |
| M222C1R14 | 1 " | 14R | .035" | \$41.97 |  |  |  |  |  |  |  |  |  |  |
| M222C114H1.3 | 1-1/4" | 1.3H | .042" | \$53.45 |  |  |  |  |  |  |  |  |  |  |
| M222C112H1.15 | 1-1/2" | 1.15 H | .045" | \$59.50 |  |  |  |  |  |  |  |  |  |  |



Meat Cuting Bandsaw Blade
60" (5') Long

| Meat Cutting Bandsaw Blade 63" ( $5^{\prime} 3^{\prime \prime}$ ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 66" ( 5' 6") Long |  |  |  |  | Meat Cutting Bandsaw Blade 72" ( 6' ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | PER |  | MEAT |  |  | IPERC |  |  |  |  | PER |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B63T58T4 | 5/8" | 4H | .025" | \$21.09 | 366T58T4 | 5/8" | 4H | .025" | \$21.09 | 372T58T4 | 5/8" | 4H | .025" | \$21.09 |


| Meat Cutting Bandsaw Blade 74" ( 6' 2") Long |  |  |  |  | Meat Cutting Bandsaw Blade 77" ( 6' 5") Long |  |  |  |  | Meat Cutting Bandsaw Blade 78" ( 6' 6" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{V}$ | N |  |  |  | V | CN |  |  |  | IV | CN |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| M74T58T3 | 5/8" | 3 | .022" | \$12.64 | M77T58T3 | 5/8" | 3 | .022" | \$12.82 | M78T58T3 | 5/8" | 3 | .022" | \$12.88 |
| M74T58T4 | 5/8" | 4 | .025" | \$13.62 | M77T58T4 | 5/8" | 4 | .025" | \$13.81 | M78T58T4 | 5/8" | 4 | .025" | \$13.87 |






| Meat Cutting Bandsaw Blade 82" ( 6' 10") Long |  |  |  |  | Meat Cutting Bandsaw Blade 91" ( 7' 7" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 96" ( 8' ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEAT |  |  | PER |  |  |  |  | $P E R$ | $T^{\prime \prime}$ | SUPESCOT |  | S | UPER |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B82T58T4 | 5/8" | 4H | .025" | \$21.09 | 991T58T4 | 5/8" | 4H | .025" | \$21.09 | 96T58T4 | 5/8" | 4H | .025" | \$21.09 |


| Meat Cutting Bandsaw Blade 87" ( 7' 3" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade93" ( 7' 9" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 98" ( 8' 2"' ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| M87T58T3 | 5/8" | 3 | .022" | \$13.42 | M93T58T3 | 5/8" | 3 | .022" | \$13.78 | M98T58T3 | 5/8" | 3 | .022" | \$14.07 |
| M87T58T4 | 5/8" | 4 | .025" | \$14.45 | M93T58T4 | 5/8" | 4 | .025" | \$14.84 | M98T58T4 | 5/8" | 4 | .025" | \$15.15 |



| Meat Cutting Bandsaw Blade 99" ( 8' 3"') Long |  |  |  |  | Meat Cutting Bandsaw Blade 102" ( 8' 6") Long |  |  |  |  | Meat Cutting Bandsaw Blade 106" ( 8' 10" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathrm{CN}$ |  |  |  | V | CN |  |  | $\underline{\square}$ | IV | CN |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| M99T58T3 | 5/8" | 3 | .022" | \$14.13 | M102T58T3 | 5/8" | 3 | .022" | \$14.31 | M106T58T3 | 5/8" | 3 | .022" | \$14.55 |
| M99T58T4 | 5/8" | 4 | .025" | \$15.23 | M102T58T4 | 5/8" | 4 | .025" | \$15.41 | M106T58T4 | 5/8" | 4 | .025" | \$15.67 |


| Meat Cutting Bandsaw Blade 99" ( 8' 3"') Long |  |  |  |  | Meat Cutting Bandsaw Blade 102" ( 8' 6" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 106" ( 8' 10" ) Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEAT |  |  | PER |  |  |  |  | $P E R$ | $T^{\prime \prime}$ |  |  |  | PER | $T^{\prime \prime}$ |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B99T58T4 | 5/8" | 4 | .025" | \$21.79 | 102T58T4 | 5/8" | 4H | .025" | \$21.79 | 106T58T4 | 5/8" | 4H | .025" | \$22.51 |



| Meat Cutting Bandsaw Blade 100" ( 8' 4") Long |  |  |  |  | Meat Cutting Bandsaw Blade 105" ( 8' 9") Long |  |  |  |  | Meat Cutting Bandsaw Blade107" ( 8' 11") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | PER |  | MEAT S |  |  | PER | - | MEAT | V BLAD |  | PER |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B100T58T4 | 5/8" | 4H | .025" | \$21.79 | B105T58T4 | 5/8" | 4H | .025" | \$22.51 | B107T58T4 | 5/8" | 4H | .025" | \$22.51 |


| Meat Cutting Bandsaw Blade 108" (9' ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 110" (9' 2" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 114" (9' 6") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\|\mathrm{V}\|$ | $3 N /$ |  |  |  | V | N |  |  |  | IV | CN |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| M108T58T3 | 5/8" | 3 | .022" | \$14.67 | M110T58T3 | 5/8" | 3 | .022" | \$14.78 | M114T58T3 | 5/8" | 3 | .022" | \$15.03 |
| M108T58T4 | 5/8" | 4 | .025" | \$15.79 | M110T58T4 | 5/8" | 4 | .025" | \$15.93 | M114T58T4 | 5/8" | 4 | .025" | \$16.18 |


| Meat Cutting Bandsaw Blade 108" ( 9' ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 110" (9' 2") Long |  |  |  |  | Meat Cutting Bandsaw Blade 114" (9' 6") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $P E R$ |  |  |  |  | $P E R$ |  |  |  |  | PER | $T^{*}$ |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B108T58T4 | 5/8" | 4H | .025" | \$23.22 | 110T58T4 | 5/8" | 4H | .025" | \$23.22 | 114T58T4 | 5/8" | 4H | .025" | \$23.22 |



| Meat Cutting Bandsaw Blade 109" ( 9' 1") Long |  |  |  |  | Meat Cutting Bandsaw Blade 112" ( 9' 4" ) Long |  |  |  |  | Meat Cutting Bandsaw Blade 115" ( 9' 7") Long |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $1$ | PER |  |  |  |  | PER | $T^{*}$ |  |  |  | PER |  |
| Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price | Tool No. | Width | Tooth | Thickness | Price |
| B109T58T4 | 5/8" | 4H | .025" | \$23.22 | 112T58T4 | 5/8" | 4H | .025" | \$23.22 | 115T58T4 | 5/8" | 4H | .025" | \$23.22 |






## Scallop Edged BAND SAW BLADES- Made in USA

- Please order the exact length \& tooth pattern of saw blades you need. Prices include welding charge.


** The $1 / 2^{\prime \prime}$ wide x 0.020 " thick scallop blades can be used on a regular woodcutting band saw for cutting materials such as light to medium foams
*** The 1 " wide x 0.035 " thick blades can be used to cut tires, though it depends on the machine.
A Minimum order of 6 blades is required. For different specifications like double-edged, 1/4" pitch or different materials like stainless steel blades, etc. Please contact us for more details. e-mail : info@magnate.net Web Site : www.magnate.net
(TEL) 800-827-2316, 909-468-5747 (FAX) 909-468-5745

## INDUSTRIAL Band/SCROLL SAW BLADES



Specially formulated rubber that lasts as long as urethane. Undersized for the perfect fit. Glue required.

| Tool No. | Wheel | Width | Price |
| :--- | :---: | :---: | :---: |
| BT-10 | $10^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $\$ 27.25$ |
| BT-12 | $12^{\prime \prime}$ | $1-1 / 16^{\prime \prime}$ | $\$ 27.25$ |
| BT-14 | $14^{\prime \prime}$ | $1-1 / 16^{\prime \prime}$ | $\$ 27.25$ |
| BT-16 | $16^{\prime \prime}$ | $1-5 / 16^{\prime \prime}$ | $\$ 38.56$ |
| BT-18 | $18^{\prime \prime}$ | $1-1 / 2^{\prime \prime}$ | $\$ 27.25$ |
| BT-20 | $20^{\prime \prime}$ | $1-5 / 8^{\prime \prime}$ | $\$ 42.04$ |
| BT-24 | $24^{\prime \prime}$ | $1-3 / 4^{\prime \prime}$ | $\$ 46.43$ |
| BT-26 | $26^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 57.00$ |
| BT-28 | $28^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 58.80$ |
| BT-30 | $30^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 62.37$ |
| BT-32 | $32^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 65.10$ |
| BT-34 | $34^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $\$ 70.00$ |
| BT-36 | $36^{\prime \prime}$ | $2-1 / 8^{\prime \prime}$ | $\$ 71.93$ |



## SUPER CUT

SuperCut BladeSaver Bandsaw Blade Cleaner removes pitch and resin buildup for a free cutting blade. It will not damage rubber tires or painted surfaces on the saw. It is biodegradable, nontoxic and non-hazardous.

| Tool No. | Bottle | Price |
| :---: | :---: | ---: |
| BC4 | 4 oz | $\$ 5.80$ |

Packaged as a complete set of 4 blocks (2 upper and 2 lower) per package. There are completed instructions on each package for fast and simple instructions.

| Tool <br> No. | Router/Band <br> Saw/Machine <br> Model | Price |
| :--- | :---: | :---: |
| BG-D | Delta 14 | $\mathbf{\$ 2 0 . 0 2}$ |
| BG-M | Import 14 | $\mathbf{\$ 2 0 . 0 2}$ |
| BG-S | Sears Old 12 | $\mathbf{\$ 2 0 . 0 2}$ |
| BG-N* | Sears New 12 | $\$ 20.02$ |
| * Angle Head Style after year 2000 |  |  |

## 

These blocks are self-lubricating and can be run with zero clearance on the blade.
or so


## SuperCut BladeSaver

 Release AgentSuperCut BladeSaver Release Agen is specially formulated to help prevent buildup of aluminum and other materials on bandsaw blades. It is non-toxic and environmentally safe, and will not damage rubber tires or painted surfaces on the saw.

Price : \$4.83/Stick


## SuperCut ${ }^{\text {TM }}$ Scroll Saw Blades

Specially designed and heat treated for power driven scroll saws, these premium quality blades provide the versatility and performance woodworkers are looking for.. There are 3 styles available -Flat Plain, Round Plain and Pinned End -


## Pinned End

## 6 / pack

Tool No. Width Thick TPI Price SSP1 0.066" 0.010 " $25 \quad \$ 5.67$ $\begin{array}{lllll}\text { SSP2 } & 0.066 " & 0.010 " & 20 & \$ 5.67\end{array}$
SSP3 0.118" 0.020 " 18 \$5.67
SSP4 $0.118 " 0.020$ " $15 \quad \$ 5.67$
SSP5 0.118" $0.020 " 10 \quad \$ 5.67$


## Round Plain End

 Blister Packed - 12/packTool No. Width Thick TPI Price
SSR1 0.042" 0.016 " 48 \$6.03 SSR2 0.046" $0.022^{\prime \prime} 44 \quad \$ 6.03$ SSR3 $0.052^{\prime \prime} 0.025^{\prime \prime} 41 \quad \$ 6.03$ SSR4 $0.060 " 0.028^{\prime \prime} \quad 37 \quad \$ 6.03$
SSR5 $0.066 " 0.028 " \quad 35 \quad \$ 6.03$
SSR6 0.075" 0.030 " $30 \quad \$ 6.03$
SSR9 2 each of above sizes $\$ 6.03$

## LENOX <br> LUBE TUEF

Lube Tube Band Saw Lubricant Multi-purpose Lubricating Wax For Industrial Use

This extreme pressure lubricant prevents the buildup of frictional heat on metal surfaces. It is designed to be applied to bandsaw blades and other cutting tools. It improves overall tool life and productivity when sawing, drilling, milling, grinding, threading or tapping. It can be used on ferrous and non-ferrous metals, aluminum gates, risers, plates and extrusions.

WARNING:
Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.

Wear protective gloves. Wear eye or face protection. Avoid breathing dust. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 44\%

| Tool No. | Tube | Price |
| :--- | :--- | ---: |
| 68020LNX | 14.5 oz | $\$ 15.40$ |

 e-mail : info@magnate.net Web Site : www.magnate.net

If you cannot find what you need on the list below, plaese contact us. Upon your request, Magnate will make sanding belts of any possible sizes, available material and specs to fit your application.

Graphite Coated Canvas Roll 0.063" Thick, Heavy Duty Grade


This heavy duty graphite coated canvas roll is produced with a special graphite coating, combined with the highest quality binder for tough applications. It has been thoroughly tested by leading wide-belt sanding machines manufacturers, and recommend for use in high heat and pressure applications. Keep graphite coated canvas stored in a warm, dry area. If graphite coated canvas is brittle or partially brittle, preheat to a pliable state before applying to platen. Ideal temperature is 75 F or 24C.

| Tool No. | Width | Length | Price |
| :---: | :---: | :---: | :---: |
| G3X5Y | $3 "$ | 5 Yard | \$34.35 |
| G3X10Y | $3 "$ | 10 Yard | \$66.46 |
| G4X5Y | $4 "$ | 5 Yard | \$36.16 |
| G4X10Y | $4{ }^{\prime \prime}$ | 10 Yard | \$69.95 |
| G5X5Y | 5" | 5 Yard | \$44.39 |
| G5X10Y | 5" | 10 Yard | \$81.79 |
| G6X5Y | $6 "$ | 5 Yard | \$48.30 |
| G6X10Y | $6{ }^{\prime \prime}$ | 10 Yard | \$93.45 |
| G8X5Y | 8" | 5 Yard | \$60.35 |
| G8X10Y | 8" | 10 Yard | \$116.77 |
| G10X5Y | $10 "$ | 5 Yard | \$69.98 |
| G10X10Y | 10" | 10 Yard | \$137.50 |




|  | Tool No. | Grit |  | Weight |
| :--- | :--- | :--- | :--- | :--- |
| Price |  |  |  |  |
| PR4.5X30G4 | 40 | E | $\mathbf{\$ 2 8 . 8 9}$ |  |
| PR4.5X30G6 | 60 | E | $\mathbf{\$ 2 4 . 5 1}$ |  |
| PR4.5X30G8 | 80 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4. |  |  |  |  |
| PR4.5X30G10 | 100 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G12 | 120 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G15 | 150 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G18 | 180 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G18 |  |  |  |  |
| PR4.5X30G22 | 220 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G32 | 320 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G40 | 400 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G50 | 500 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |
| PR4.5X30G60 | 600 | C | $\mathbf{\$ 2 2 . 0 7}$ |  |


| Tool No. | Grit | Weight | Price |
| :---: | :---: | :---: | :---: |
| KF4X50R6 | 60 | J | \$109.38 |
| KF4X50R8 | 80 | J | \$92.45 |
| KF4X50R10 | 100 | J | \$89.38 |
| KF4X50R12 | 120 | J | \$89.38 |
| KF4X50R15 | 150 | J | \$89.38 |
| KF4X50R18 | 180 | J | \$89.38 |
| KF4X50R22 | 220 | J | \$89.38 |
| KF4X50R32 | 320 | J | \$89.38 |
| KF4X50R40 | 400 | J | \$89.38 |
| K4X50R4 | 40 | X | \$153.22 |
| K4X50R6 | 60 | X | \$134.51 |
| K4X50R8 | 80 | X | \$129.93 |
| K4X50R10 | 100 | X | \$125.31 |
| K4X50R12 | 120 | X | \$125.31 |
| K4X50R15 | 150 | X | \$125.31 |
| K4X50R18 | 180 | X | \$125.31 |
| R4X50R22 | 220 | X | \$125.31 |
| R4X50R32 | 320 | X | \$125.31 |
| R4X50R40 | 400 | X | \$125.31 |




This pad for quick-change discs features turn on/turn off fastener which is made of semi-rigid rubber. Its maximum operating speed is 20,000 rpm.

| Tool No. | Type | Dia. | Price |
| :---: | :---: | :---: | :---: |
| Q2S14 | S | $2^{\prime \prime}$ | $\$ 6.34$ |
| Q3S14 | S | $3^{\prime \prime}$ | $\$ 7.99$ |
| Q2R14 | R | $2^{\prime \prime}$ | $\$ 5.79$ |
| Q3R14 | R | $3^{\prime \prime}$ | $\$ 7.67$ |





| Tool No. | Grit | Weight | Price |
| :--- | :---: | :---: | :---: |
| V68G4 | 40 | C | $\$ 32.46$ |
| V68G6 | 60 | C | $\$ 27.65$ |
| V68G8 | 80 | C | $\$ 21.79$ |
| V68G10 | 100 | C | $\$ 21.18$ |
| V68G12 | 120 | C | $\$ 21.18$ |
| V68G15 | 150 | C | $\$ 21.17$ |
| V68G18 | 180 | C | $\$ 21.16$ |
| V68G22 | 220 | C | $\$ 21.16$ |
| V68G32 | 320 | C | $\$ 21.15$ |
| V68G40 | 400 | C | $\$ 21.15$ |
| V68G60 | 600 | C | $\$ 21.64$ |

4-1/2" X 7/8" Flap Disc, T-27 4-1/2" X 7/8" Flap Disc, T-29
10 Discs/Pack, Zirconia Alumina 10 Discs/Pack, Zirconia Alumina


This zirconia alumina flap disc is designed for weld removing and blending, edge deburring, oxide removal and surface preparation on hard metals, including carbon steel, stainless steel, nickel alloys, aluminum, cast iron and titanium.


This ceramic flap disc generates lower heat and last longer than zirconia alumina. It is designed for weld removing and blending, edge deburring, scale removal, oxide removal and surface preparation on hard metals, including carbon steel, stainless steel, nickel alloys, aluminum castings and titanium.

| Tool No. | Grit | Price | Tool No. | Grit | Price |
| :--- | :---: | :---: | :---: | :---: | :---: |
| FDC4.5X78T27P2 | 24 | $\$ 68.19$ | FDC4.5X78T29P2 | 24 | $\$ 68.19$ |
| FDC4.5X78T27P3 | 36 | $\$ 68.19$ | FDC4.5X78T29P3 | 36 | $\$ 68.19$ |
| FDC4.5X78T27P4 | 40 | $\$ 68.19$ | FDC4.5X78T29P4 | 40 | $\$ 68.19$ |
| FDC4.5X78T27P6 | 60 | $\$ 68.19$ | FDC4.5X78T29P6 | 60 | $\$ 68.19$ |
| FDC4.5X78T27P8 | 80 | $\$ 68.19$ | FDC4.5X78T29P8 | 80 | $\mathbf{\$ 6 8 . 1 9}$ |
| FDC4.5X78T27P12 | 120 | $\mathbf{\$ 6 8 . 1 9}$ | FDC4.5X78T29P12 | 120 | $\mathbf{\$ 6 8 . 1 9}$ |


| 1" x 30" Sanding Belt |
| :---: | :---: | :---: |
| 10 Belts/Pack, Aluminum Oxide |
| Closed Coat, 3-mil Film Backing |

## 1" x 30" Sanding Belts <br> 10 Belts/Pack, Aluminum Oxide X-weight

Resin Bond Poly-Cotton Backing


$|$| Tool No. | Grit | Coat | Price |
| :--- | :---: | :---: | :---: |
| $\|$T1X30S2 | 24 | Closed | $\mathbf{\$ 1 5 . 0 0}$ |
| K1X30S3 | 36 | Open | $\mathbf{\$ 1 3 . 2 2}$ |
| K1X30S4 | 40 | Open | $\mathbf{\$ 1 2 . 6 8}$ |
| K1X30S5 | 50 | Open | $\mathbf{\$ 1 2 . 1 6}$ |
| K1X30S6 | 60 | Open | $\mathbf{\$ 1 1 . 6 2}$ |
| K1X30S8 | 80 | Open | $\mathbf{\$ 1 0 . 8 2}$ |
| K1X30S10 | 100 | Open | $\mathbf{\$ 1 0 . 2 3}$ |
| K1X30S12 | 120 | Open | $\mathbf{\$ 1 0 . 2 2}$ |
| K1X30S15 | 150 | Open | $\mathbf{\$ 1 0 . 2 0}$ |
| K1X30S18 | 180 | Open | $\mathbf{\$ 1 0 . 1 9}$ |
| R1X30S22 | 220 | Closed | $\mathbf{\$ 1 0 . 1 8}$ |
| R1X30S32 | 320 | Closed | $\mathbf{\$ 1 0 . 1 7}$ |
| R1X30S40 | 400 | Closed | $\mathbf{\$ 1 0 . 1 5}$ |
| R1X30S50 | 500 | Closed | $\mathbf{\$ 1 0 . 2 6}$ |
| R1X30S60 | 600 | Closed | $\mathbf{\$ 1 0 . 2 8}$ |
| R1X30S80 | 800 | Closed | $\mathbf{\$ 1 1 . 3 4}$ |

1" x 30" Sanding Belts
10 Belts/Pack, Zirconia Alumina Closed Coat, Y-weight Resin BondPolyester Backing


| Tool No. | Grit | Coat | Price |
| :--- | :---: | :---: | :---: |
| Z1X30S2 | 24 | Closed | $\$ 25.90$ |
| Z1X30S3 | 36 | Closed | $\$ 24.61$ |
| Z1X30S4 | 40 | Closed | $\$ 23.88$ |
| Z1X30S5 | 50 | Closed | $\$ 23.32$ |
| Z1X30S6 | 60 | Closed | $\$ 23.13$ |
| Z1X30S8 | 80 | Closed | $\$ 22.77$ |
| Z1X30S10 | 100 | Closed | $\$ 22.41$ |
| Z1X30S12 | 120 | Closed | $\$ 22.41$ |








IDASGNATIE ${ }^{\text {TM }}$ ABRASIVES
$18^{\prime \prime}$ x 48" Sanding Belts
4 Belts/Pack, Aluminum Oxide X-weight, Closed Coat Resin Bond Poly-Cotton Backing

16" x 48" Sanding Belts
4 Belts/Pack, Silicon Carbide Closed Coat
Resin Bond Polyester Backing


| Tool No. | Grit | Price |
| :--- | :---: | :---: |
| R18X48S2 | 24 | $\$ 82.58$ |
| R18X48S3 | 36 | $\$ 78.65$ |
| R18X48S4 | 40 | $\$ 74.87$ |
| R18X48S5 | 50 | $\$ 71.31$ |
| R18X48S6 | 60 | $\$ 67.91$ |
| R18X48S8 | 80 | $\$ 64.06$ |
| R18X48S10 | 100 | $\$ 60.97$ |
| R18X48S12 | 120 | $\$ 60.97$ |
| R18X48S15 | 150 | $\$ 60.97$ |
| R18X48S18 | 180 | $\$ 60.97$ |
| R18X48S22 | 220 | $\$ 60.97$ |
| R18X48S32 | 320 | $\$ 60.97$ |
| R18X48S40 | 400 | $\$ 60.97$ |
| R18X48S50 | 500 | $\$ 60.97$ |
| R18X48S60 | 600 | $\$ 60.97$ |
| R18X48S80 | 800 | $\$ 60.97$ |



25" x 48" Sanding Belts
4 Belts/Pack, Aluminum Oxide F-weight, Closed Coat Resin Paper Backing


25" x 48" Sanding Belts
4 Belts/Pack, Aluminum Oxide X-weight, Closed Coat
Resin Bond Poly-Cotton Backing


| Tool No. | Grit | Price |
| :---: | :---: | :---: |
| R25X48S2 | 24 | \$115.84 |
| R25X48S3 | 36 | \$110.37 |
| R25X48S4 | 40 | \$105.12 |
| R25X48S5 | 50 | \$100.10 |
| R25X48S6 | 60 | \$95.31 |
| R R25X48S8 | 80 | \$89.13 |
| R25X48S10 | 100 | \$85.12 |
| R25X48S12 | 120 | \$85.12 |
| 78 R25X48S15 | 150 | \$85.12 |
| R25X48S18 | 180 | \$85.12 |
| R25X48S22 | 220 | \$85.12 |
| R25X48S32 | 320 | \$85.12 |
| R25X48S40 | 400 | \$85.12 |
| R25X48S50 | 500 | \$85.12 |
| R25X48S60 | 600 | \$85.12 |
| R25X48S80 | 800 | \$85.12 |

25" x 48" Sanding Belts
4 Belts/Pack, Aluminum Oxide
Y-weight, Open Coat
Resin Bond Polyester Backing


| Tool No. | Grit | Price |
| :--- | :---: | ---: |
| W25X48S2 | 24 | $\$ 121.35$ |
| W25X48S3 | 36 | $\$ 115.62$ |
| W25X48S4 | 40 | $\$ 110.11$ |
| W25X48S5 | 50 | $\$ 104.86$ |
| W25X48S6 | 60 | $\$ 99.86$ |
| W25X48S8 | 80 | $\$ 93.39$ |
| W25X48S10 | 100 | $\$ 89.18$ |
| W25X48S12 | 120 | $\$ 89.18$ |
| W25X48S15 | 150 | $\$ 89.18$ |
| W25X48S18 | 180 | $\$ 89.18$ |
| W25X48S22 | 220 | $\$ 89.18$ |








MIA CNAMIE ${ }^{\text {TM }} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 USA

IMIAGNATIE ${ }^{m}$ abrasives






52" x 128" Sanding Belts
3 Belts/Pack, Aluminum Oxide
F-weight, Open Coat
Resin Paper Backing


52" x 128" Sanding Belts
3 Belts/Pack, Silicon Carbide Closed Coat
Resin Bond Polyester Backing


Tool No. Grit Belts/Pkg Price

| S52X128S2 | 24 | 3 | \$457.09 |
| :---: | :---: | :---: | :---: |
| S52X128S3 | 36 | 3 | \$435.33 |
| S52X128S4 | 40 | 3 | \$414.60 |
| S52X128S5 | 50 | 3 | \$394.93 |
| S52X128S6 | 60 | 3 | \$395.27 |
| S52X128S8 | 80 | 3 | \$374.74 |
| S52X128S10 | 100 | 3 | \$355.50 |
| S52X128S12 | 120 | 3 | \$355.50 |
| S52X128S15 | 150 | 3 | \$355.50 |
| S52X128S18 | 180 | 3 | \$355.50 |
| S52X128S22 | 220 | 3 | \$355.50 |
| S52X128S32 | 320 | 3 | \$355.50 |
| S52X128S40 | 400 | 3 | \$355.50 |
| S52X128S60 | 600 | 3 | \$355.50 |

4" Sanding Stars, 4 Layers 3 Count/Pack, Aluminum Oxide 1/4" Shank Mounted on Mandrel J-weight

Sanding stars are excellent for wooden parts such as moldings, raised panels, and carvings. They self-dress into moplike wheels and are good for sanding, scuffing, and blending wood or metal. Ideal for all hard to sand areas. Note: 3,200 RPM Maximum.

|  | Tool No. | Grit |
| :--- | :---: | :---: |
| Price |  |  |
| SS4X14G8 | 80 | $\$ 57.05$ |
| SS4X14G10 | 100 | $\$ 57.05$ |
| SS4X14G12 | 120 | $\$ 57.05$ |
| SS4X14G15 | 150 | $\$ 57.05$ |
| SS4X14G |  |  |
| SS4X14G18 | 180 | $\$ 57.05$ |
| SS4X14G22 | 220 | $\$ 57.05$ |
| SS4X14G32 | 320 | $\$ 57.05$ |
| SS4X14G40 | 400 | $\$ 57.05$ |





This soft and loose muslin buffing wheel contains a fine polishing surface on the outer edge and a soft feathered edge muslin stitched near the center. Ideal for bringing out a deep lustrous shine. Used on the final polish on musical instruments, plastics, iron, steel, stainless steel as well as soft and delicate metal, i.e. thin plating gold, silver, chrome, nickel plate.

| nickel plate. Hole |  |  |  |  | BSS034014 | 3" | 1/4" | 40 | \$4.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | BSS034012 | $3 "$ | 1/2" | 40 | \$4.00 |
| Tool No. Dia. ${ }_{\text {Dia. }}$ (1) Ply Price |  |  |  |  | BSS044014 | 3" | 5/8" | 40 | \$4.00 |
|  |  |  |  |  | 4 | 1/4" | 40 | \$4.86 |
| LMS033012 | $3 "$ | 1/2" | 30 | \$4.67 |  | BSS043012 | $4 "$ | 1/2" | 30 \$3.10 |  |
| LMS034014 | $3 "$ | 1/4" | 40 | \$5.40 | $\begin{array}{\|l\|l\|l} \mid B S S 044012 \\ \text { BSS043058 } \end{array}$ | $4 "$ | 1/2" | 40 \$4.86 |  |
| LMS034012 | $3 "$ | 1/2" | 40 | \$5.40 |  | 4" | 5/8" | 30 | $30 \quad \$ 3.10$ |
| LMS034058 | $3 "$ | 5/8" | 40 | \$5.40 | \|BSS043058 | 4" | 5/8" | 40 | \$4.86 |
| LMS044014 | $4{ }^{\prime}$ | 1/4" | 40 | \$5.98 | \|BSS044058 | 5" | 1/2" | $30 \quad \$ 3.85$ | \$3.85 |
| LMS043012 | $4 "$ | 1/2" | 30 | \$5.11 | BSS054012 | 5" | 1/2" | $40 \quad \$ 5.20$ |  |
| LMS044012 | $4 "$ | 1/2" | 40 | \$5.98 | BSS056012 | $5{ }^{\prime \prime}$ | 1/2" | $60 \quad \$ 7.92$ |  |
| LMS043058 | $4 "$ | 5/8" | 30 | \$5.11 |  | 5" | 5/8" | 30 \$3.85 |  |
| LMS044058 | $4{ }^{4}$ | 5/8" | 40 | \$5.98 |  | 5" | 5/8" | $40 \quad \$ 5.20$ |  |
| LMS046012 | $4{ }^{\prime \prime}$ | 1/2" | 60 | \$7.73 | BSS054058 | 5" | 5/8" | 60 \$7.92 |  |
| LMS046058 | $4{ }^{\prime \prime}$ | 5/8" | 60 | \$7.73 | BSS063012 | 6 | 1/2" | $30 \quad \$ 5.16$ |  |
| LMS053012 | 5" | 1/2" | 30 | \$5.71 | \| | $6{ }^{\prime \prime}$ | 1/2" | $40 \quad \$ 6.89$ |  |
| LMS054012 | $5 "$ | 1/2" | 40 | \$6.96 |  | $6 "$ | 1/2" | 60 \$10.31 |  |
| LMS056012 | 5" | 1/2" | 60 | \$9.25 | BSS066012 | $\begin{aligned} & 6^{\prime \prime} \\ & 66^{\prime \prime} \end{aligned}$ | $\begin{aligned} & \text { 5/8" } \\ & \text { 5/8" } \end{aligned}$ | 30 \$5.16 |  |
| LMS053058 | $5 "$ | 5/8" | 30 | \$5.71 | BSS064058 |  |  | $40 \quad \$ 6.89$ |  |
| LMS054058 | $5 "$ | 5/8" | 40 | \$6.96 |  | $6{ }^{\prime \prime}$ | 5/8" | 40 \$6.89 |  |
| LMS056058 | 5" | 5/8" | 60 | \$9.25 | BSS066058 | 6 | 3/4" |  |  |
| LMS063012 | $6{ }^{\prime \prime}$ | 1/2" | 30 | \$6.65 | BSS064034 <br> BSS066034 <br> BSS084012 | $6{ }^{\prime \prime}$ | 3/4" | 60 \$10.31 |  |
| LMS064012 | $6{ }^{\prime \prime}$ | 1/2" | 40 | \$7.95 |  | 8" | 1/2" | 40 \$11.42 |  |
| LMS066012 | $6 "$ | 1/2" | 60 | \$10.78 | $\begin{array}{\|l} \mathrm{BSS} 084012 \\ \mathrm{BSS} 086012 \end{array}$ | 8" | 1/2" | 60 \$17.14 |  |
| LMS063058 | $6 "$ | 5/8" | 30 | \$6.65 |  | $8{ }^{\prime \prime}$ | $\begin{aligned} & 5 / 8^{\prime \prime} \\ & 5 / 8 \end{aligned}$ | 40 \$11.42 |  |
| LMS064058 | $6 "$ | 5/8" | 40 | \$7.95 | $\begin{array}{\|l} \text { BSS086058 } \\ \text { BSS084034 } \end{array}$ |  |  | 60 \$17.14 |  |
| LMS066058 | 6 | 5/8" | 60 | \$10.78 |  | 8" | 3/4" |  |  |
| LMS064034 | $6 "$ | 3/4" | 40 | \$7.95 | BSS084034 | 8" | 3/4" | 60 \$17.14 |  |
| LMS066034 | $6{ }^{\prime \prime}$ | 3/4" | 60 | \$10.78 | $\left\lvert\, \begin{array}{\|l\|} \hline \text { BSS086034 } \\ \text { BSS105034 } \\ \hline \text { BSS126034 } \end{array}\right.$ | $10 "$ | 3/4" | 50 \$20.06 |  |
| LMS083012 | $8{ }^{\prime \prime}$ | 1/2" | 30 | \$9.85 |  | $\left\lvert\, \begin{array}{ll} \mid B S S 126034 & 12 " \prime \prime \\ B S S 12601 & 12 \\ \hline \end{array}\right.$ |  | $\begin{array}{r} 3 / 4 " \\ 1 " \\ \hline \end{array}$ | 60 | $\begin{aligned} & \$ 26.93 \\ & \$ 26.93 \\ & \hline \end{aligned}$ |
| LMS084012 | $8{ }^{\prime \prime}$ | 1/2" | 40 | \$11.27 |  |  |  |  |  |  |  |
| LMS086012 | $8{ }^{\prime \prime}$ | 1/2" | 60 | \$15.51 |  |  |  |  |  |  |
| LMS084058 | $8{ }^{\prime \prime}$ | 5/8" | 40 | \$11.27 |  |  |  |  |  |  |  |  |  |  |  |
| LMS086058 | $8{ }^{\prime \prime}$ | 5/8" | 60 | \$15.51 |  |  |  |  |  |  |  |  |  |  |  |
| LMS084034 | $8{ }^{8}$ | 3/4" | 40 | \$11.27 |  |  |  |  |  |  |  |  |  |  |  |
| LMS086034 | $8{ }^{\prime \prime}$ | 3/4" | 60 | \$15.51 |  |  |  |  |  |  |  |  |  |  |  |
| LMS103078 | $10 "$ | 7/8" | 30 | \$13.05 |  |  |  |  |  |  |  |  |  |  |  |
| LMS104078 | 10 " | 7/8" | 40 | \$16.25 |  |  |  |  |  |  |  |  |  |  |  |
| LMS1040114 | 10 " | 1-1/4" |  | \$16.25 |  |  |  |  |  |  |  |  |  |  |  |
| LMS1060114 | 10 " | 1-1/4" | 60 | \$21.22 |  |  |  |  |  |  |  |  |  |  |  |
| LMS1230114 | 12 " | 1-1/4" |  | \$22.49 |  |  |  |  |  |  |  |  |  |  |  |
| LMS1240114 | 12 | 1-1/4" | 40 | \$22.49 |  |  |  |  |  |  |  |  |  |  |  |
| LMS1260114 | 12 " | 1-1/4" | 0 | \$26.91 |  |  |  |  |  |  |  |  |  |  |  |

Treated 50-Ply Muslin Buffing


This treated hard muslinbuffing wheel comes with concentric $1 / 4^{\prime \prime}$ stitching offers superb wide-angle buffing action. It is for rough cutting or final cutting steels, brass, aluminum and copper. copper, brass, iron, steel, and stainless steel except gold, silver.

| Tool No. | Dia. | Hole <br> Dia. | Ply | Price |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | TSS065012 | $6{ }^{\prime \prime}$ | 1/2" | \$9.77 |
|  |  |  |  |  | TSS065058 | $6{ }^{\prime \prime}$ | 5/8" | \$9.77 |
| BSS034014 | 3" | 1/4" | 40 | \$4.00 | TSS065034 | $6 "$ | 3/4" | \$9.77 |
| BSS034012 | 3" | 1/2" | 40 | \$4.00 | TSS085058 | 8" | 5/8" | \$17.35 |
| BSS034058 | 3" | 5/8" | 40 | \$4.00 | TSS085034 | 8" | 3/4" | \$17.35 |
| BSS044014 | $4 "$ | 1/4" | 40 | \$4.86 |  |  |  |  |
| BSS043012 | 4" | 1/2" | 30 | \$3.10 |  |  |  |  |
| BSS044012 | 4" | 1/2" | 40 | \$4.86 |  |  |  |  |
| BSS043058 | 4" | 5/8" | 30 | \$3.10 |  |  |  |  |
| BSS044058 | 4" | 5/8" | 40 | \$4.86 |  |  |  |  |
| BSS053012 | 5" | 1/2" | 30 | \$3.85 |  |  |  |  |
| BSS054012 | 5" | 1/2" | 40 | \$5.20 |  |  |  |  |
| BSS056012 | 5" | 1/2" | 60 | \$7.92 |  |  |  |  |
| BSS053058 | 5" | 5/8" | 30 | \$3.85 |  |  |  |  |
| BSS054058 | 5" | 5/8" | 40 | \$5.20 |  |  |  |  |
| BSS056058 | 5" | 5/8" | 60 | \$7.92 |  |  |  |  |
| BSS063012 | $6 "$ | 1/2" | 30 | \$5.16 |  |  |  |  |
| BSS064012 | $6 "$ | 1/2" | 40 | \$6.89 |  |  |  |  |
| BSS066012 | $6 "$ | 1/2" | 60 | \$10.31 |  |  |  |  |
| BSS063058 | $6 "$ | 5/8" | 30 | \$5.16 | Tool No. Ar | Dia. | ickne | Price |
| BSS064058 | $6 "$ | 5/8" | 40 | \$6.89 | LN118 |  |  | \$23.06 |
| BSS066058 | $6 "$ | 5/8" | 60 | \$10.31 | - |  |  | 23.06 |
| BSS064034 | $6 "$ | 3/4" | 40 | \$6.89 |  |  |  |  |
| BSS066034 | $6 "$ | 3/4" | 60 | \$10.31 |  | fet | an |  |
| BSS084012 | 8" | 1/2" | 40 | \$11.42 |  |  |  |  |
| BSS086012 | 8" | 1/2" | 60 | \$17.14 |  |  |  |  |
| BSS084058 | $8{ }^{\prime \prime}$ | 5/8" | 40 | \$11.42 |  |  |  |  |
| BSS086058 | 8" | 5/8" | 60 | \$17.14 |  |  |  |  |
| BSS084034 | 8" | 3/4" | 40 | \$11.42 |  |  |  |  |
| BSS086034 | $8{ }^{\prime \prime}$ | 3/4" | 60 | \$17.14 |  |  |  |  |
| BSS105034 | 10" | 3/4" | 50 | \$20.06 |  |  |  |  |
| BSS126034 | 12" | 3/4" | 60 | \$26.93 |  |  |  |  |
| BSS12601 | 12" | $1{ }^{\prime \prime}$ | 60 | \$26.93 |  |  |  |  |

Safety Flange is mandatory for use with an airway buffing wheel.

| Tool No. Dia.Arbor <br> Dia.Counts <br> Per <br> Package |  |  |  |
| :--- | :--- | :--- | :--- |
| BWF08114 8 8" | $1-1 / 4^{\prime \prime}$ | 2 | $\$ 91.21$ |

18 Gauge Nail Gun Kit Compatible with BOSTITCH® BT-35

Application :
■ Shoe Making
■ Drawer Assembly
■ Picture Frame
■ Furniture
■ Decoration

| Tool No. | Nail Length | Weight Air Pressure | Height Length Prices |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UN1832 | $3 / 8^{\prime \prime}$ to $1-1 / 4^{\prime \prime}$ | 2.57 lbs | 60 to 100 PSI | $8.19^{\prime \prime}$ | $9.69^{\prime \prime}$ | $\$ 69.25$ |
| UN1842 | $3 / 8^{\prime \prime}$ to $1-9 / 16^{\prime \prime}$ | 2.86 lbs | 70 to 100 PSI | $8.74^{\prime \prime}$ | $9.69 "$ | $\$ 95.64$ |

18 Gauge Brad Nail (5,000 Nails/Box)

Tool No. Nail Length Weight Air Pressure Height Length Prices UN1564 $1-1 / 4^{\prime \prime}$ to 2-1/2" 4.84 lbs 70 to 120 PSI 11.81" 13.78 " $\$ 239.95$



## Staple Gun Kits \& Staples

22 Gauge Staple Gun Kit - 3/8" Crown Compatible with SENCO® SFT10


US7116
Application :

- Furniture Upholstery
- Dust Covers
- Cabinet Backs


US7116LN (2" Nose)

- TV/Stereo Screening
- Felt Insulation
- Roofing Felt
- Light Trim Molding


Tool No. Staple Length Weight Air Pressure Height Length Prices | US7116 | $1 / 4 "$ to $5 / 8^{\prime \prime}$ | 1.98 lbs | 60 to 100 PSI | $5.71^{\prime \prime}$ | $8.86 "$ | $\$ 81.45$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | $\begin{array}{lllllll}\text { US7116LN } & 1 / 4^{\prime \prime} \text { to } 5 / 8^{\prime \prime} & 2.20 \mathrm{lbs} & 60 \text { to } 100 \text { PSI } & 7.78 " & 8.86 " & \$ 117.65\end{array}$

22 Gauge Staple - 3/8" Crown (10,000 Staples/Box)


21 Gauge Staple Gun Kit - 1/2" Crown Compatible with BEA® 80


## Application :

- Furniture, Upholstery

■TV, Stereo Grille Cloth
■Shoes-Making

- Picture Frame Assembly - Decoration

Tool No. Staple Length Weight Air Pressure Height Length Prices US8016 $1 / 4^{\prime \prime}$ to $5 / 8^{\prime \prime} \quad 2.20 \mathrm{lbs} 60$ to 100 PSI $5.83 " 18.90^{\prime \prime} \quad \$ 81.73$



Tool No. Staple Length Weight Air Pressure Height Length Prices | US9025 | $1 / 2^{\prime \prime}$ to $1^{\prime \prime}$ | 2.71 lbs | 60 to 100 PSI | $8.19^{\prime \prime}$ | $9.69 "$ |
| :---: | :---: | :---: | :---: | :---: | :---: |



16 Gauge Staple - 1" Crown (10,000 Staples/Box)

|  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |

Spoilboard Surfacing, 2+2 Insert Carbide Knife
Rabbeting Flycutter, Leveler \& Surface Planer
Amana Tool ${ }^{\text {T}}$


Insert router bit complete with two cutting flutes and two up-shear scorers for fast removal of materials over large surface area. The scorer leaves an improved finish at the bottom of the cut. Utilizes 4-sided carbide inserts. Max cutting depth is $1 / 4^{\prime \prime}$.

Perfect for:

- Resurfacing sPoilboards using CNC $\cdot 2+2$ Spoilboards contain two bottom scorers for better performance, finer surface finish and better clearance for $90^{\circ}$ corners.
- Planing large glued-up panels using CNC
- Surfacing and finishing wood using timber slab machines
- Rabbeting and slotting

Designed for planing \& rabbeting the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic
- Fiberboard, Balsa Core, High Density Urethane (HOU Board)
- HDF/LDF, EPoxy (EPoxy Resins), Ultra-High-Molecular-Weigh
- Hardwood/Softwood, Polyethylene (UHMWPE)

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately).

Recommendations: For surfacing solid woods, it is recommended to remove both bottom scorers.
replacement knives: use AMANA HMA-12, HCK-40 for MDF, or use AMANA AMA-12, RCK-70 for general purpose.e.

| Tool No. Cutting Dia. | Cutting <br> Height | Shank Dia. | Overall <br> Length | Price |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| RC-2251* | $2-1 / 2^{\prime \prime}$ | $15 / 32^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 349.35$ |
| RC-2252^ | $3-5 / 32^{\prime \prime}$ | $15 / 32^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $3-1 / 2^{\prime \prime}$ | $\$ 324.40$ |

* Max 19,000 rpm
$\wedge$ Used with CNC only. CNC feed and speed available online. Max 18,000 rpm

Mini Spoilboard Surfacing, 2+2 Insert Carbide Knife Rabbeting Flycutter, Leveler \& Surface Planer


Mini design for tight comers. Exclusive carbide grade for highest quality of cut. Mini insert spoilboard surfacing \& rabbeting with scorer utilizes 4-sided carbide inserts. great for cutting tight comers. Features unique $2+2$ insert knife design that contains two cutting flutes and two up-shear scorers, which provide a smoother finish at the bottom of the cut than traditional two-knife style router bits. Max cutting depth is $1 / 4^{\prime \prime}$.

Perfect for:

- Resurfacing spoilboards using CNC
- $2+2$ spoilboards contain two bottom scorers for better performance, finer surface finish and better clearance for $90^{\circ}$ comers
- Planing large glued-up panels using CNC
- Surfacing and finishing wood using timber slab machines
- Rabbeting and slotting

Designed for planing \& rabbeting the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic.
- Fiberboard, Balsa Core, HOU Board.
- HDF/LDF, Epoxy (Epoxy Resins\}, UHMWPE
- Hardwood/Softwood

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately). Max. 24,000 rpm.

| Tool No. | Cutting Dia. | Cutting <br> Height | Shank <br> Dia. | Overall <br> Length | Price |
| :--- | :---: | :---: | :---: | :---: | :---: |
| RC-2247\# | $1-1 / 4^{\prime \prime}$ | $27 / 64^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-17 / 64^{\prime \prime}$ | $\$ 238.35$ |
| RC-2249*^ | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $1-3 / 16^{\prime \prime}$ | $\$ 243.15$ |
| RC-2253*^ | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | 12 mm | $2-5 / 16^{\prime \prime}$ | $\$ 243.15$ |
| RC-2250^ | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-5 / 16^{\prime \prime}$ | $\$ 226.00$ |

* CNC use only, CNC feed and speed available online
^ replacement knives: use AMANA HMA-12, HCK-40 for MDF, or AMA-12, RCK-70 for general purpose
\# replacement knives: use AMANA RCK-450, RCK-452 for MDF

CNC Heavy Duty Spoilboard Surfacing
Planing, Flycutter \& Leveler


Insert carbide spoilboard surfacing \& chamfering router bit utilizes 4-sided carbide inserts, great for planing large surface areas. Higher number of teeth allows for a higher feed rate. Featuring solid carbide insert knives with four cutting edges that allow users to rotate the knife when one side becomes dull providing the highest-quality finish available.

- Capable of removing thin layers of material, less than 0.001" per pass
- Tool can plunge up to a maximum depth of $6 \mathrm{~mm}(1 / 4$ "), then start resurfacing
- The unique chamfer corner insert design creates a flawless surface
- The 3 wing and 5 wing design results in a more balanced tool while running

Designed for planing \& chamfering the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic.
- Fiberboard, Balsa Core, HDU Board
- HDF/LDF, Epoxy (Epoxy Resins), UHMWPE
- Hardwood/Softwood

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately).

Perfect for:

- Resurfacing spoilboards using CNC
- Surfacing and finishing wood using timber slab machines
- Planing large glued-up panels using CNC
- Rabbeting and slotting Featuring.
- Exclusive carbide grade for highest quality of cut
- Utilizes 4-sided carbide inserts
- Maximum cutting efficiency
- Faster material removal process

Replacement knives: use AMANA RCK-459 for MDF, or use AMANA RCK-457 for general purpose. CNC feed and speed available online.

| Tool No. | Cutting Dia. | Cutting <br> Height | Shank <br> Dia. | Overall <br> Length | Price |
| :--- | :---: | :---: | :---: | :---: | :---: |
| RC-2255* | $2^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-19 / 32^{\prime \prime}$ | $\mathbf{\$ 1 8 1 . 6 5}$ |
| RC-2255-M* | $2^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-19 / 32^{\prime \prime}$ | $\mathbf{\$ 1 8 1 . 6 5}$ |
| RC-2259^ | $3-11 / 32^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | 12 mm | $3-25 / 64^{\prime \prime}$ | $\mathbf{\$ 2 4 8 . 8 0}$ |
| * 3-wing insert carbide design, 2-1/2" overall diameter |  |  |  |  |  |
| 5-wing insert carbide design, 3-25/64" overall diameter |  |  |  |  |  |

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Spoilboard Surfacing, 2-Wing Insert Carbide Knife Rabbeting Flycutter, Leveler \& Surface Planer

## Amana Tool ${ }^{\text {º }}$



RC-2243


RC-2256


RC-2241


RC-2257

RC-2245

RC-2248


RC-2242


RC-2258

These industrial router bits feature solid carbide insert knives with four cutting edges that allow users to rotate the knife when one side becomes dull, providing the highest-quality finish available on woodworking tools. Used in resurfacing of particleboard, MDF and balsa core material. Optional general purpose knives for chipboard, balsa core, hardwood/softwood and plastic.

Perfect for:

- Resurfacing spoilboards using CNC
- Planing large glued-up panels using CNC
- Surfacing and finishing wood using timber slab machines
- Rabbeting and slotting
- Utilizes 4 -sided carbide inserts
- Exclusive carbide grade for highest quality of cut
- Maximum cutting efficiency
- Faster material removal process

Designed for planing \& rabbeting the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic
- Fiberboard, Balsa Core, HDU Board
- HDF/LDF, Epoxy (Epoxy Resins\}, UHMWPE
- Hardwood/Softwood

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately))

| Tool No. Cutting Dia. | Cutting <br> Height | Shank <br> Dia. | Overall <br> Length | Price |  |
| :--- | :---: | :---: | :---: | :---: | :--- |
| RC-2243*^ | $1 "$ | 12 mm | $1 / 4^{\prime \prime}$ | $2-1 / 64^{\prime \prime}$ | $\$ 124.40$ |
| RC-2245*^ | $1-1 / 4^{\prime \prime}$ | 12 mm | $1 / 4^{\prime \prime}$ | $1-11 / 16^{\prime \prime}$ | $\$ 161.75$ |
| RC-2256*^ | $1-1 / 2^{\prime \prime}$ | 12 mm | 6 mm | $1-11 / 16^{\prime \prime}$ | $\$ 168.25$ |
| RC-2248*^ | $1-1 / 2^{\prime \prime}$ | 12 mm | $1 / 4^{\prime \prime}$ | $1-11 / 16^{\prime \prime}$ | $\$ 168.25$ |
| RC-2241^ | $1-1 / 2^{\prime \prime}$ | 12 mm | $1 / 2^{\prime \prime}$ | $2-3 / 16^{\prime \prime}$ | $\$ 168.25$ |
| RC-2242\# | $1-3 / 4^{\prime \prime}$ | 12 mm | $1 / 2^{\prime \prime}$ | $1-49 / 64^{\prime \prime}$ | $\$ 199.05$ |
| RC-2257\# | $2-12^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 273.64$ |
| RC-2258* | $4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3 / 4^{\prime \prime}$ | $3^{\prime \prime}$ | $\$ 398.10$ |

* CNC use only, CNC feed and speed available online
^ replacement knives: use AMANA HMA-12 for MDF, or AMA-12 for general purpose
\# replacement knives: use AMANA RCK-344 for MDF

FOR FABRICATING SOLID SURFACE MATERIALS (Corian $®$, Surell $®^{\circledR}$ (2000X), Fountainhead $®$, Avonite $®$, etc.)


Decorative, finished edges for 'undermount' type bowls. Can be used for Corian ${ }^{\circledR}$ sink \& bowl\#'s 802S, 804S, 805S, 809S, 810S and 871S.

$10^{\circ}$ Bevel Undermount Bowl 1/2" Shank with Ultra-Glide ${ }^{\text {TM }}$ Bearing

It can be used for Corian® sink \& bowl\#'s: 804A,
805A, 830A, 852LA, 852RA and 854RA.

| Tool | Countertop |  |  | Large Carbide |
| :--- | :--- | :--- | :---: | :---: |
| No | Thickness | Dia. | Hgt. | Price |
| 57122 | $1 / 2 " \& 3 / 4 "$ | $1 "$ | $15 / 16 "$ | $\$ 109.31$ |


| Tool | Countertop Large Carbide |  |
| :--- | ---: | :--- |
| No. Angle r Thickness Dia. Hgt. Price |  |  |


| 57158 | $14^{\circ}$ | $1 / 2^{\prime \prime}$ | $1 / 2 "$ | $2 "$ |
| :---: | :---: | :---: | :---: | :---: |
| 57160 | $10^{\circ}$ | $1 / 2 "$ | $3 / 4 \prime$ | $2-1 / 8 "$ |
| 2 | 128.96 |  |  |  |

$5716215^{\circ} 3 / 4 " 3 / 4$ " $2-1 / 4$ " $1-1 / 4 " \$ 116.70$

$10^{\circ}$ Bevel Undermount Bowl 1/2" Shank with Ultra-Glide ${ }^{\text {TM }}$ Bearing

| Tool | Countertop | Large Carbide |  |  |
| :--- | :---: | :---: | :---: | :---: |
| No | Thickness | Dia. | Hgt. | Price |
| 57168 | $1 / 2 " \$ 3 / 4 "$ | $1-1 / 4 "$ | $1 "$ | $\$ 108.34$ |

Tool Countertop Large Carbide $5716713^{\circ} 1 / 2 "$ - 3/4" 2-1/4" 15/16" \$114.28


Roundover Wilsonart ${ }^{\circledR}$ SSV® Bowl 1/2" Shank with Ultra-Glide ${ }^{\text {TM }}$ Bearing

## Tool Countertop Large Carbide

| No. Angle Thickness | Dia. Hgt. | Price |  |
| :--- | :--- | :--- | :--- |
| $5716112^{\circ}$ | $1 / 2^{\prime \prime}-3 / 4 "$ | $2-3 / 8^{\prime \prime} 7 / 8^{\prime \prime}$ | $\$ 129.94$ |



Ogee Wilsonart ${ }^{\circledR}$ SSV® Bowl 1/2" Shank with Ultra-Glide ${ }^{\text {TM }}$ Bearing

$12^{\circ}$ Bevel Wilsonart $\circledR^{\circledR}$ SSV® Bowl 1/2" Shank with Ultra-Glide ${ }^{\text {TM }}$ Bearing

Tool Countertop Large Carbide Shank | No. | Thickness | Dia. Hgt. | Dia. Price |
| :--- | :--- | :--- | :--- |
| 7129 | $1 / 2 "-1-1 / 4 " ~ 1-1 / 2 " ~$ | $1-1 / 4 " ~$ | $1 / 2 " \$ 124.50$ |

MIAGNATIE ${ }^{T M} 20639$ Lycoming Street \#B-6, Walnut, CA 91789 U.S.A.

 e-mail : info@magnate.net Web Site : www.magnate.net
(TEL) 800-827-2316, 909-468-5747 (FAX) 909-468-5745

Router Bits


Counter-Top, 'No-Drip' Design
To cut a 'no-drip’ edge, in one pass, on kitchen and vanity counter-tops.

Tool Countertop Large Carbide Shank

| No. | Thickness | Dia. | Hgt. | Dia. | Price |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 57118 | $1 / 2^{\prime \prime}$ | $1 "$ | $7 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $\$ 75.41$ |
| 57120 | $3 / 4 "$ | $1 "$ | $1-1 / 8 "$ | $1 / 2 "$ | $\$ 82.31$ |



Counter-Top, 'No-Drip' Design

To cut a 'no-drip’ edge for kitchen and vanity counter-tops. Use with $5 / 16$ " radius corner rounding bits.

Tool Countertop Large Carbide Shank | No. | Thickness Dia. | Hgt. | Dia. | Price |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 57146 | $3 / 4^{\prime \prime}$ | $1 "$ | $1 / 2^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | $\$ 34.93$ |
| 57148 | $3 / 4^{\prime \prime}$ | $1 "$ | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $\$ 44.48$ |



6-Wing Counter-Top Trim

| Tool |  | Over- Large Carbide Shank |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. |  | hang | Dia. | Hgt. | Dia | Price |
| 57153 | $5^{\circ}$ | 1/16" | 3/4" | $1 "$ | 1/2" | \$38.96 |
| 57155 | $5^{\circ}$ | 1/8" | 49/64" | 1-1/2" | 1/2" | \$51.64 |
| 57154 | $0^{\circ}$ | 0 " | 3/4" | 1 " | 1/2" | \$38.96 |



## NO-FILE ${ }^{\text {TM }}$

(US Patent No. 4,669,923)
These new patented "No-File" ${ }^{\text {tm }}$ bits eliminate hand filing of laminates that normally follows lush trim the laminate and "break" the sharp

| Tool <br> No. | Small Cutting Dia. R Length | Overall Sha Length Di | ank <br> a. Price |
| :---: | :---: | :---: | :---: |
| 47150 | 1/2" 0.059 " 3/8" | 1-7/8" 1/4" | \$27.15 |
| 47152 | 1/2" 0.059 " 3/8" | 2-1/8" 1/2" | \$27.15 |
| 47154* | $1 / 2$ " 0.015 " $3 / 8$ " | 1-7/8" 1/4" | , \$26.5 |
|  | 4 is for laminates .02 mm radius) 471508 ninates .042-. 052 thi | 25-. 038 thick. \& 47152 are for ck. $\mathbf{1} .5 \mathrm{~mm}$ ra | or <br> radius) | e-mail : info@magnate.net Web Site : www.magnate.net

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PLANER/JOINTER KNIVES \& SETS



natural woods and panel sizing of single and stacked non-laminated chipboard. 18" \& 20" blades have cooling slots
Tool No. Dia. Teeth Kerf Plate Bore Price
 $612360 \quad 12 " 36$.126" .087" 1" \$98.29
 $\begin{array}{lllll}\mathbf{6 1 4 4 2 0 - 3 0 * *} & 14 " & 42 & .137 " & .098 " \\ 60 \mathrm{~mm} & \$ 118.88 \\ 616480 & 16 " & 48 & .137 " & .098 " \\ 610 & \text { " } & \$ 144.23\end{array}$

$|$| $616480-30 * *$ | $16 "$ | $48.137 "$ | $.098 "$ |
| :--- | :--- | :--- | :--- |
| 618540 | $18 " 54.150 "$ | 30 mm | $\$ 144.23$ |
| $110 "$ | $1 "$ | $\$ 191.03$ |  |

He : 2/10/6

Application: Designed for ripping and cross-cutting natural woods. Teeth consist of 4 ATB followed by one square raker. Large gullets in the saw body allow for deeper cuts \& improved chip ejection.

Application: Universal use; Rip and crosscut natura woods and sizing of plywood. 10"14. $10^{\prime \prime}-14^{\prime \prime} .8^{\circ}$ Hook Flat Top (FT) Grind

| Trim <br> 7"-18",10 ${ }^{\circ}$ Hook <br> Alternate Top <br> Bevel (ATB) Grind <br> Application: Trim and size veneers and laminates in single sheets or stacks. Also for veneer laminated panels. <br> Tool No. <br> Dia. Teeth Kerf Plate Bore Price | Thin Kerf Miter 10" - 15", $10^{\circ}$ Hook Alternative Top Bevel (ATB ) Grind. or Triple Chip (TC) Grind. | Thin Kerf General Purpose Application: General Purpose wood cutting blades; less drag on bearings and brake and reduces stock loss on expensive woods and veneer plywood. Not recommended to cut stock over 3/4' without the use |
| :---: | :---: | :---: |
| $\begin{array}{llll}675600 & 7 \prime & 58.118 " .079 " 5 / 8 " & \$ 90.90\end{array}$ | Application: Thin kerf saws are designed for mitre |  |
| 686400 8" $64.118^{\prime \prime} .079 \prime 5 / 8 "$ \$100.69 | smooth cuts; less drag on bearings and brake and |  |
| 220T640** 220mm $64.118^{\prime \prime} .079 \times 30 \mathrm{~mm} \mathrm{\$ 112.58}$ | reduces stock loss on expensive woods and veneer | Tool No. Dia. Teeth Kerf Plate Bore Price |
| 610800 10" $80.126 " .087 "$ 5/8" \$118.39 | plywoods. Not recommended to cut stock over 3/4" | TB83400 8" 34.090 " .062" 5/8" $\$ 73.01$ |
| 610800-30* 10" $80.126 " .087$ " 30 mm \$118.39 |  | TB10400 10" 40.090 " .062" 5/8" \$81.26 |
| 612960 12" $96.126 " .087 \prime$ 1" \$155.33 |  | TB12480 12" $48.090 " .062 " 1 " \$ \$ 105.64$ |
| 612960-30* 12" $96.126 " .087$ " 30 mm \$155.33 | Alternative Top Bevel (ATB ) Grind | TB14540 14" $54.090 \times .062 " 1 " \$ \$ 131.36$ |
| 614108 14" $108.137 " .098 " 1 " \$ \mathbf{1 8 6 . 5 6}$ |  | 615480 15" 48 .104" .079" 1" \$155.48 |
| 614108-30* 14" 108.137 ". 098 " 30mm \$186.56 | Tool No. Dia. Teeth Kerf Plate Bore Price |  |
| 616128 16" $120.137 \times$ ".098" 1" \$230.25 | 610800-TS 10" 80.090 " .062" 5/8" \$124.35 | Solid Surface \& Non-Melt |
| 618132 18" $132.157 \times 110 \times 1 "$ \$297.23 | 612960-TS 12" $96.090 "$.062" 1" \$147.94 |  |
| * Pin Holes 2/7/42 \& 2/10/60 | 614108-TS 14" 108.090 " .062" 1" \$177.71 |  |
| **For Holzer-Her 220mm p | 615100-TS 15"100.104" .079" 1" \$199.80 |  |
| Fine Cross-Cut \& Cut-Off, 8"-18" |  | Modified Triple Chip (MTC) Grind. |
| $10^{\circ}$ Hook - Triple Chip(TC) Grind Application: Trimming, and single or double-sided veneered and plastic laminated panels. | 610801-TS* 10 " 80 .090" $.062^{\prime \prime} 5 / 8^{\prime \prime} \$ 131.74$ * Can also be used for cutting thin plexiglass, masonite and plastics. | (3) (MTC) Grid. |
| Tool No. Dia. Teeth Kerf Plate Bore Price | Thers Kerf Trim | Application: Premium blade for cutting double-sided plastic laminate, plexiglas and solid-surface materials |
| 686401 8" $64.118 \prime$ ".079" 5/8" $\mathbf{\$ 1 0 6 . 2 0}$ |  | Corian® ${ }^{\circledR}$ etc. Suitable for radial arm and |
| 686401-30 8" 64.118 ". 079 " 30 mm \$106.20 |  | machines due to $0^{\circ}$ |
| 220T641** 220mm $64.118^{\prime \prime} .079$ " 30 mm \$118.35 | $10^{\circ}$ Hook | Tool No. Dia. Teeth Kerf Plate Bore Price |
|  | ATB or TC Grind |  |
| 610801-30+ 10" $80.126^{\prime \prime} .087$ " 30 mm \$124.16 |  | $\mid 610721-30^{*} \quad 10 " \quad 72.126^{\prime \prime} \quad .095^{\prime \prime} 30 \mathrm{~mm} \text { \$141.71 }$ |
| 612961 12" $96.126^{\prime \prime} .087 \prime \prime 1 " \quad \$ 161.93$ | Application: Thin kerf blades are designed for miter | 612841 $12 \times 84.126^{\prime \prime}$. $095 \prime$ " 1" \$184.39 |
| 612961-30* 12" $96.126^{\prime \prime} .087$ " 30 mm \$161.93 | smooth cuts; less drag on bearings and brake and | 612841-30** 12 " $84.126^{\prime \prime}$. 095 " 30 mm \$184.39 |
| 614109 14" $108.137 \prime$ ".098" 1" \$190.95 | reduces stock loss on expensive woods and veneer | $612841-30$ $12 "$ 84 $.126 "$, $.095 "$, 30 mm <br> 614961 $14 "$ 96 $.126 "$ $.095 "$ $\mathbf{\$ 2 2 2 . 3 0}$ |
| 614109-30* 14" 108.137 ". 098 " 30mm \$190.95 | plywoods. Not recommended to cut stock over 3/4" | 614961 $14 "$, $.126 "$, $.095 "$ $1 "$ $\$ 222.30$ <br> 616109 $16 " 108$ $.126 "$ $.095 "$ $1 "$ $\$ 262.01$ |
| 616129 16" 120.137 ".098" 1" \$231.38 | without the use of a stabilizer. TC grind can also be |  |
| 618133 18" 132.157 ". 110 " 1" \$307.36 | used for cutting thin plexiglas, masonite and plastics. |  |
| * 2/10/60 pin holes; $+2 / 7 / 42$ \& 2/10/60 pin holes **For Holzer-Her 220mm panel saws. P.H. 2/7/42 |  | ** |
|  | Alternative Top Bevel (ATB ) Grind | Plastic Cutting <br> Non-Melt, 10"-14" <br> $2^{\circ}$ Negative Hook <br> Modified Triple Chip <br> (MTC) Grind. <br> Application: Special- application blades for acrylic sheets, Plexiglas ${ }^{\circledR}$, Lexan $®$, etc. $2^{\circ}$ negative hook angle reduces the tendency of "chip-welding" or "melting" of Material. <br> Tool No. <br> Dia. Teeth Kerf Plate Bore Price |
| Radial Arm, 10"-16", Neg $2^{\circ}$ Hook | Tool No. Dia. Teeth Kerf Plate Bore Price |  |
|  |  |  |
| saws, sliding compound miter saws and others with | TB10800 10" $80.090 " .062 " 5 / 8 " \gg 8129.64$ |  |
| the blade above the workpiece. This blade minimizes | TB10100 10" $100.090 " .062 " 5 / 8 ">\mathbf{\$ 1 6 6 . 6 1}$ |  |
| the blade's tendency to self-feed, thanks to negative | TB12960 $12 "$ $96.090 "$ $.062 "$ $1 "$ $\mathbf{\$ 1 5 5 . 3 3}$ <br> TB14108 $14 "$ 108 $.090 "$ $.062 "$ $1 "$ <br> $\mathbf{\$ 1 8 0 . 9 8}$      |  |
| $2^{\circ}$ hook angle. The blade features a low tooth count and an ATB plus raker grind (typically used on combination blades). Excellent choice for cutting hardwoods and softwoods. | TB14108 14" 108. |  |
|  | $\begin{array}{\|l} \text { Triple Chip (TC) Grind } \\ \text { Tool No. Dia. Teeth Kerf Plate Bore Price } \end{array}$ |  |
|  |  |  |
| Tool No. Dia. Teeth Kerf Plate Bore Price |  | LB86401 ${ }^{\text {L }}$ |
| $\begin{array}{lllrr}\text { Tool No. } & \text { Dia. Teeth Kerf Plate Bore } & \text { Price } \\ \text { RA1024 } & 10 " & 24.135 " .095 " 5 / 8 " & \mathbf{\$ 9 0 . 3 4}\end{array}$ | TB10801 $10 " \prime$ $80.090 " .062 " ~ 5 / 8 " ~ \$ 138.75 ~$ <br> TB10101 $10 "$ $100.090 " .062 " 5 / 8 "$ <br> $\mathbf{\$ 1 7 5 . 0 1}$   | LB220T641** 220 mm 64.126 .07930 mm \$117.56 |
| $\begin{array}{llll}\text { RA1024 } & 10 \prime \prime & 24.135 ", 095 " & 5 / 8 " \\ \text { 610720** } & 10 " & 72.126^{\prime \prime} .095 " & 5 / 8 "\end{array}$ | 0" $100.090 " .062 "$ 5/8" \$175.01 | LB10801 10" 80.100 .074 5/8" \$147.08 |
| RA1236 12" 36.150 ".110" 1" \$120.75 | TB14109 14" 108.090 ".062" 1" ${ }^{\text {1 }}$ (194.63 | LB10801-30* 10" 80.100 .07430 mm \$147.08 |
| RA1236-30* 12" 36.150 ". 110 " 30 mm \$120.75 |  | LB12961 ${ }^{\text {L }}$ 12" 96.125 .102 1" \$172.39 |
| RA1440 14" $40.165 " .110$ " 1" |  | LB12961-30* 12" 96.125 .102 30mm \$172.39 |
| RA1442+ 14" 42 .165".110" 1" \$151.43 |  | LB14108 14" 108.145 .118 1" \$232.69 |
| RA1640 16" 40.165 ".118" 1" \$168.08 |  | LB16121 16" 120.145 .118 1" \$305.96 |
| RA1648+ 16" $48.165 " .118$ " 1" \$190.05 |  | * 2/7/42 \& 2/10/60 pin holes |
| * 2/7/42 \& 2/10/60 pin holes + TC Grind |  | ** For Holz-Her 220mm Panel Saws with 2/7/42 pin holes |

20639 Lycoming Street \#B-6, Walnut, CA 91789 U.S.A.
 VISA Discove

|  | Double-Face <br>  <br> Laminate <br> $8^{\prime \prime}-16^{\prime \prime}$ |
| :---: | :---: |
| $\mathbf{6}^{\circ}$ Negative Hook |  |
| 250 High Alternative Top |  |
| Bevel (H-ATB) Grind. |  |

Application: Designed to cut melamine chip-free on both sides provided that your saw fence is square to the blade and the arbor is running true. Features increased thickness of plate for added stability, and special 'High-ATB' grind for extremely smooth cuts. Easily re-sharpened.

Tool No. Dia. Teeth Kerf Plate Bore Price | MB86400** | $8 "$ | $64.110^{\prime \prime} .087 " 5 / 8 " \$ 131.10$ |
| :--- | ---: | ---: |
| MB220T420* | $220 \mathrm{~mm} 42.110 " .087 " 30 \mathrm{~mm} \$ 117.53$ |  | MB10800 10 " $80.126^{\prime \prime} .102$ " $5 / 8^{\prime \prime} \$ 121.01$ MB10800-30+ 10 " $80.126 " .102 " 30 \mathrm{~mm} \$ 121.01$ MB12960 12" $96.126 " .102 "$ 1" \$164.48 MB12960-30+ 12 " $96.126^{\prime \prime} .102$ " 30 mm \$164.48 MB14108 14 " $108.126^{\prime \prime} .102^{\prime \prime} 1^{\prime \prime}$ \$201.83 MB14108-30 $+14^{\prime \prime} \quad 108.126^{\prime \prime} .102^{\prime \prime} 30 \mathrm{~mm} \$ 181.13$

MB16120 16" 120.150 ".126" 1" \$251.63
Double Face Melamine
Korton \& Veneer Saw Blades
10 " TO 12" - $2^{\circ}$ Negative Hook
$35^{\circ}$ 'High-ATB' Grind

Application: Similar to above, but with slightly more accute ATB grind, Thinner plate than our standard melamine blades. Improved results in certain melamine boards.

Tool No. Dia. Teeth Kerf Plate Bore Price
 MSB1296 12" $96.118^{\prime \prime} .087$ " 1" \$164.48 MSB1296-30 +12 " $96.118^{\prime \prime} .087$ " 30 mm \$164.48 *For Holz-Her 220 mm panel saws. 2/7/42 pin holes ${ }^{* *}$ Can be used on vertical type panel saws, i.e.
'Safety Speed Cut’ etc.
$+2 / 7 / 42$ \& 2/10/60 pin holes
 pplication: Specially designed carbide and blade geometry for cutting aluminum \& non-ferrous meta bars, and relatively thick-walled extrusions \& profiles. Under certain conditions, these versatile saw olades can also be used to cut other difficult materials such as plastic, PVC tubing and fiber glass. When cutting non-ferrous metals, a coolant should be used and proper clamping devices employed.

Warning: Never attempt to cut ferrous metal (steel,
ron etc.) with these saw blades.

| Tool No. | Dia. Teeth Kerf Plate Bore | Price |  |  |  |
| :--- | :---: | :---: | :---: | :---: | ---: |
| $\mathbf{5 8 4 8 0 1}$ | $8 "$ | 48 | $.110 " .087 "$ | $5 / 8 "$ | $\$ 98.78$ |
| 510601 | $10 "$ | 60 | $.126 " .102 "$ | $5 / 8 "$ | $\$ 124.46$ |

510601 10" 60 .126".102" 5/8" \$124.46
$51272112 " \quad 72$. $126^{\prime \prime} .102 "$ 1" \$150.53\#BU-125 (5/8" X 10mm)

| $512721-30^{*}$ | $12 "$ | 72 | $.126 " .102 "$ | 30 mm |
| :--- | :--- | :--- | :--- | :--- |
| 514841 | $14 "$ | 84 | $.150 "$ | $\$ 1260.53$ |
| 5 |  |  |  |  |


$|$| 514841 | $14 "$ | $84.150 " .126 "$ | $1 "$ | $\$ 180.53$ |
| :--- | :--- | :--- | :--- | :--- |
| 516961 | $16 "$ | $96.150 " .126 "$ | $1 "$ | $\$ 211.31$ |
| 518108 | $18 "$ | $108.150 " .126 "$ | $1 "$ | $\$ 266.85$ |



## Non-Ferrous Thin-Walled Metal 7"-20" <br> $6^{\circ}$ Negative Hook

Triple Chip(TC) Grind.
Application: Specially designed carbide and blade geometry for cutting relatively thin-walled aluminum
\& non-ferrous extrusions \& frames. Use a coolant or
blade wax and clamp down the work piece when
ing non-ferrous metals.
Warning: Never attempt to cut ferrous meta

| Tool No. | Dia. Teeth Kerf Plate Bore Price |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 575601 | 7" | 58 | . 110.087 5/8" | \$95.25 |
| 586401 |  | 64 | . $110.0875 / 8$ " | \$118.84 |
| 596001 | $9 "$ |  | . 110.087 5/8" | \$121.31 |
| 510801 |  |  | . 126.102 5/8" | \$131.06 |
| 510801-30 * |  |  | . 126.10230 mm | \$131.06 |
| 510101 | 10" | 100 | . 126.102 5/8" | \$164.55 |
| 512961 |  | 96 | . 126.102 1" | \$166.54 |
| 512961-30 * | 12" |  | . 126.10230 mm | \$166.54 |
| 514101-5/8HD\# |  |  | . 146.118 5/8" | \$238.50 |
| 514108 |  |  | . 126.102 1" | \$213.30 |
| 514108-30 | 14" | 108 | . 126.10230 mm | \$203.14 |
| 515101 ** | 15" | 100 | . 120.098 1" | \$226.61 |
| 516121 |  | 120 | . 150.126 1" | \$254.55 |
| 518121 |  | 120 | . 150.126 1" | \$349.91 |
| 520121 |  |  | . 174.134 1" | \$330.49 |
| 520121-30* | 20" | 120 | . 174.15230 mm | \$330.49 |
| * 2/7/42 \& 2/10/60 pin holes |  |  |  |  |
| ** For Hitachi Miter Box (Thin Kerf) |  |  |  |  |
| \# Pistorius |  |  |  |  |
| ++ Makita |  |  |  |  |

General
Purpose
Trim Saw
Blades
Positive Hook
Alternative Top
Bevel (ATB )
Grind

Application: This carbide tipped trim saw blade is he ideal upgrade or replacement blade for Porter Cable, Makita or other brands of portable trim saws. The ATB grind ensures high quality cross cuts in solid wood and sizing cuts in ply wood.

Tool No. Dia. Teeth Kerf Plate Bore Price RM-550 5-1/2" 30 . 105 .0681/2"-5/8"-10mm\$29.14

+ RM-550 fits Makita 5-1/2" saw \& Others. Use
replacement bushing: \#BU-110 (5/8" X 3/8") or


Demolition<br>6 1/2"- 7 1/4"<br>\section*{Nail-Cutting \&<br><br>Demolition}<br>

Positive Hook
Flat Top (FT ) Grind
Positive Hook
Flat Top (FT ) Grind

Application: This blade is designed especially for renovation and demolition work, where contact with nails, screws, and similar debris has to be expected. The blade is configured - low tooth count and flat-top grind - for ripping. A negative hook angle and strong shoulder design to help prevent the blade's carbide tips from breaking off upon impact against a hidden ail.
Tool No. Dia. Teeth Kerf Plate Bore Price
NC-820 7-1/4" $14.120 "$.078" 5/8"-Univ. \$20.18
All blades with ' $5 / 8$ "- Univ.' have a universal bore
with 5/8" diameter arbor hole and diamond
knock-out. All other blades are as noted.

Application: Replacement trim saw blades for edgebanding machines feature alternate bevel grind on the teeth, $10^{\circ}$ hook angle, and standard thickness plates. Most machines require two blades.

Tool No. Dia. Teeth Kerf Plate Bore Price 663000* $150 \mathrm{~mm} 30.126^{\prime \prime}$. 087 " 30 mm \$69.68 663010** 180 mm 58 . 126 " .087 " 20 mm \$102.04
*For IDM-137 and Ocmac Chica 290 edgebanders and others.
** For Olympic Nova-2 edgebanders, and others.

Circular Saw Blades


## Plywood \& Plastic

 CuttingPositive Hook Triple Chip (TC) Grind

Tool No. Dia. Teeth Kerf Plate Bore
Univ. Price PC-620 7-1/4" $40.120 " .078 " 5 / 8 "$ "Univ. \$36.83



Timberline ${ }^{\text {TM }}$
Saw Blades

Sliding Compound Miter : A 3 Degree Negative look angle prevents the blade from grabbing the wood. Excellent for cross cutting and trimming crown nolding, softwood and hardwood. 5/8" arbor with diamond knockout. Clamshell packed.

| Tool No. | Diameter | Teeth | Grind Bore |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 3 5 - 4 0 0}$ | $8-1 / 2 "$ | 40 | ATB | $5 / 8^{\prime \prime}$ | $\$ 27.79$ |

Aluminum and Non-Ferrous : It is designed forcutting thin non-ferrous products and plastics.
Features a negative hook angle. A blade wax and roper clamping is required. $5 / 8$ " arbor with diamond


Application: To cut groove and dados from 1/8 through $\mathbf{1 3} / \mathbf{1 6}^{\prime \prime}$ or larger than $13 / 16$ " with additional chippers. Standard \#3 set consists of two outside saw blades and four inside chippers. Outside saw blade feature hollow-ground plates for proper clearance, and alternate top bevel (ATB) grind with every sixth tooth flat ground (FT). See charts below for additional components. All 8" diameter sets now have $5^{\circ}$ negative hook angle for smoother cuts.

| Dado Combinations | No. of Chippers Required |
| :--- | :--- |


| Max. Groove | Width | 1/16 |  | 1/8 | 1/4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 13/16 |  | 1 |  | 2 | 1 |
| 1-1/16 |  | 1 |  | 2 | 2 |
| 1-9/16 |  | 1 |  | 2 | 4 |
| 2-1/16 |  | 1 |  | 2 | 6 |
| 3-1/16 |  | 1 |  | 2 | 10 |
| 4-1/16 |  | 1 |  | 2 | 14 |
| Tool No. | Dia. | Teeth | Hook | Bore | Price |
| 656030 | 6" | 18 | $15^{\circ}$ | 5/8" | \$214.16 |
| 658030 | 8 " | 24 | Neg $5^{\circ}$ | 5/8" | \$264.56 |
| 658030-1** | 8" | 24 | Neg $5^{\circ}$ | 1 " | \$264.56 |
| 658030-AK* | 8" | 24 | $15^{\circ}$ | 5/8" | \$264.56 |
| 658040** | 8" | 46 | Neg $5^{\circ}$ | 5/8" | \$336.83 |
| 658040-1** | 8" | 46 | Neg $5^{\circ}$ | $1 "$ | \$336.83 |
| 651030 | 10" | 24 | $15^{\circ}$ | 5/8" | \$325.39 |
| 651030-1 | 10" | 24 | $15^{\circ}$ | $1 "$ | \$325.39 |
| 651230 | 12" | 24 | $15^{\circ}$ | 1" | \$456.71 |

* Anti-Kikback
** for super smooth cuts in cabinet grade plywoods and melamine

| Outside Saw Blades 6" to 12" <br> Alternative Top Bevel (ATB ) or Flat Top(FT) Grind |  |  | Outside Saw Blades 6" to 12" |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Specify left or right hand. Although each outside saw is sold separately, it is recommended to buy one set of both blades so the O.D. matches. Kerf : 0.126" |  |  |  |  |  |
| Tool NO. <br> L/H | $\begin{aligned} & \text { Tool NO. } \\ & \text { R/H } \\ & \hline \end{aligned}$ |  |  | h Bore | Price |
| 656010 | 656010-R | $6 "$ | 18 | 5/8" | \$69.68 |
| 658010 | 658010-R | 8 " | 24 | 5/8" | \$78.90 |
| 658010-AK 6 | 658010-AK-R | 8 " | 24 | 5/8" | \$78.90 |
| 658010-1 | 658010-1-R | 8 " | 24 | $1 "$ | \$78.90 |
| 658020 | 658020-R | 8 " | 46 | 5/8" | \$136.80 |
| 658020-1 | 658020-1-R | 8" | 46 | 1" | \$136.80 |
| 651010 | 651010-R | 10" | 24 | 5/8" | \$133.91 |
| 651010-1 | 651010-1- R | 10" | 24 | $1 "$ | \$133.91 |
| 651210 | 651210-R | 12" |  | 1" | \$124.76 |

Dado Chippers, FT Grind, 2 teeth per Chipper: Amana Tool has a full range of replacement parts for out dado sets, including chippers and outside blades. This allows you to replace damaged cutters and to expand the range of a standard set. These parts are manufactured to the same exacting standards as the full sets.

| Tool No. | Chipper Thickness | Dia. | Bore | Price |
| :---: | :---: | :---: | :---: | :---: |
| 651660 | 1/16" | 6 " | 5/8" | \$20.55 |
| 651860 | 1/8" | 6 " | 5/8" | \$29.33 |
| 651460 | $1 / 4$ " | 6 " | 5/8" | \$40.80 |
| 651680 | 1/16" | 8" | 5/8" | \$31.88 |
| 651880 | 1/8" | 8" | 5/8" | \$37.80 |
| 651480 | 1/4" | 8" | 5/8" | \$52.58 |
| 651280 | 3/32" | 8 " | 5/8" | \$36.56 |
| 651680-AK | 1/16" | 8" | $1 "$ | \$31.88 |
| 651880-AK | 1/8" | 8" | $1 "$ | \$37.80 |
| 651480-AK | 1/4" | 8" | $1 "$ | \$52.58 |
| 651680-1 | 1/16" | 8 " | $1 "$ | \$31.88 |
| 651880-1 | 1/8" | 8 " | $1 "$ | \$37.80 |
| 651480-1 | $1 / 4$ " | 8" | $1 "$ | \$52.58 |
| 651610 | 1/16" | 10" | 5/8" | \$41.18 |
| 651810 | 1/8" | 10" | 5/8" | \$44.59 |
| 651610-1 | 1/16" | 10" | $1 "$ | \$41.18 |
| 651810-1 | 1/8" | 10" | 1" | \$44.59 |
| 651612 | 1/16" | 12" | $1 "$ | \$64.50 |
| 651812 | 1/8" | 12" | 1" | \$73.39 |



Tool No. Dia. Teeth Kerf Plate Bore Price
FC-500 $6-1 / 2^{\prime \prime} \quad 40$.120" .078" 5/8"-Univ. \$33.38


Plate Jointer (Biscuit)

Replacement Blade

European design with anti-kickback 'fingers' that limit chip-thickness while providing a safer, faster cut. Fits Lamello, Virutex, Freud, Kaiser, Elu, Dewalt and other makes of plate-jointer machines. Packaged in a re-usable protective foam sleeve.

Tool No. Dia. Teeth Kerf Bore Price LAM400T6 $\quad 100 \mathrm{~mm} \quad 6 \quad 4.0 \mathrm{~mm} \quad 22 \mathrm{~mm} \quad \$ 76.95$ knockout. Clamshell packed. TCG Grind

| Tool No. Diameter Teeth Kerf Plate Bore |  |  |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 185-505 | 7-1/4" | 50 | . 110. | . 087 5/8" | \$41.72 |
| 240-600* | 8-1/2" | 60 | . 087. | . 083 5/8" | \$27.16 |
| * Denotes 5/8" arbor with diamond knockout |  |  |  |  |  |
| Finishing Blade for Miter or Stationary |  |  |  |  |  |
| Table Saw : Excellent for general purpose and |  |  |  |  |  |
| crosscutting softwoods and hardwoods. $0^{\circ}$ hook angle. Clamshell packed. Perfect blade for Miter |  |  |  |  |  |
|  |  |  |  |  |  |
| Boxes, Table Saw, Radial Arm Saws. |  |  |  |  |  |
| Tool No. Diameter Teeth Grind |  |  |  | Bore | Price |
| 250-400 | 10" | 40 | ATB | 5/8" | \$30.84 |
| 250-600 | 10" | 60 | ATB | 5/8" | \$41.13 |
| 250-800 | 10" | 80 | ATB | 5/8" | \$50.37 |
| 300-400 | 12" | 40 | ATB | $1 "$ | \$45.43 |
| 300-600 | 12" | 60 | ATB | 1" | \$55.06 |
| 300-100 | 12" | 100 | ATB | 1 " | \$71.37 |

Finishing : This blade was designed for finishing, cross-cutting plastics, double sided melamine and plastic laminated MDF. The $0^{\circ}$ hook angle allows for use on a broad range of material as well as machine types. Clamshell packed.

Fits Delta® 33-055 Deluxe Sawbuck ${ }^{\circledR}$ Frame and Trim Saw.

| Tool No. Diameter Teeth Grind | Bore | Price |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2 0 0 - 4 0 1}$ | $8 \prime \prime$ | 40 | TCG | $5 / 8^{\prime \prime}$ | $\$ 32.06$ |
| $\mathbf{2 5 0 - 6 0 1}$ | $10 \prime$ | 60 | TCG | $5 / 8^{\prime \prime}$ | $\$ 41.13$ |
| $\mathbf{2 5 0 - 8 0 1}$ | $10 \prime$ | 80 | TCG | $5 / 8^{\prime \prime}$ | $\$ 50.37$ |

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## DUST COLLECTION ACCESSORIES

Dust hoods and fittings provide an effective and inexpensive solution to the dust control problem in the workshop. Our hoods are molded in a variety of sizes and shapes to fit the most common woodworking machines and our fittings are specifically designed for assembling a dust collection system.


BLAST GATES
Used to control air flow from one machine to another. We offer plasti and aluminum blast gates. Plastic blast gates feature textured surface and easy sliding gate action. Our aluminum blast gates are top quality and feature cast aluminum body with steel gate and locking knob

- ABS Plastic Tool

| No. | Dia. | Price |
| :--- | :---: | :---: |
| W1006 | $3 "$ | $\$ 2.67$ |
| W1007 | $4 "$ | $\$ 3.34$ |
| W1008 | $5 "$ | $\$ 6.84$ |
| W1009 | $6 "$ | $\$ 8.51$ |


| Aluminum |  |  |
| :--- | :--- | ---: |
| Tool |  |  |
| No. | Dia. | Price |
| W1141 | $3 "$ | $\$ 9.01$ |
| W1142 | $4 "$ | $\$ 12.59$ |

## JOINTER

DUST HOODS
Available in two sizes that fit most jointers on the market today. Model W1001 fits over a 6-1/2" x $6-1 / 2$ " chute and the W1002 fits over a 7" x 8 $1 / 2$ " chute. It can be attached with screw or double-sided tape.
■Material thickness : 3/32"
■Outlet dia. is 4" O.D.
■Flange is $3 / 4$ " wide
W1001 --------------- \$2.42
■Overall Size: (L x W x H) 8-1/4" X 8-1/4" X 2-1/2"
W1002 $\qquad$ \$2.84
■Overall Size:(L x W x H) 8-7/16" x10-1/4" x 2-1/2"


## TABLE SAW DUST HOOD

Available in two sizes, these hoods are designed to fit most 8 ", 10 " and $12 "$ contractor type table saws, foreign and domestic. Mounted face down when
in use, they can be adapted to other machines as well. $4 "$ outer Diameter.


UNIVERSAL DUST HOODS W1010 ------------- \$1.84 band saws, table saws system so they can service "shapers, sanders, etc. Material thickness : 3/32" Outlet dia. is 4" O.D.
Flange is $3 / 4$ " wide
Overall Size:( L x W x H) $6-1 / 4$ " $\times 6-1 / 4$ " $\times 2-1 / 2$ "

For use with Shop-Vacs or Elbows
 into other machines thatfrom the dust collector to have 2-1/2" dust ports. an overhead main line, or

| W1041 -------------- \$1.42 |
| :--- |
| Diameter : 3" -> 2-1/2" |
| Overall Size: (L x Dia.) |

 when connecting individua
machines to branch lines.

| Tool No. | Dia. | Price |
| :--- | :---: | :---: |
| W1016 | $3 "$ | $\$ 451$ |

REDUCERS

## allow woodworkers to

 step down from a large main line to smallerbranch lines. This stepbranch lines. This
increases Designed to connect fulld
sections of hose for longer sections of hose for longer
runs or to utilize shortm
sections.


Overall Size:(L x W x H)


| Overall Size:(L x W x H) |
| :---: |
| $6-1 / 8 " x 3-15 / 16 " x 3-15-16 " ~$ |



T's (Dust Port)
T- allows you the option of each machine in the shop.
Diameter : 3"
Overall Size:(L x W x H)
$7-5 / 8^{\prime \prime} \times 6$ " $\times 2-7 / 8^{\prime \prime}$
W101

## $\square$

-Overall Size:(L x W x H)
9-3/4" x 8 " x 4-1/16"


Y's (Dust Port)
's are used to attached ranch lines to service more than one machine. It
increases lateral air flow and efficiency.
 $7-7 / 8 "$ x 6-3/4" x 2-7/8"
W1015 --------------- \$7.42
Diameter: 4"
Overall Size: (L x W x H)
$9-13 / 16$ " x $8-1 / 4$ " x $4-1 / 16$ "
 W1042 ------------- \$3.92 It fits over a 3 " hole and
made to the sam \$pecifications as ou
W1041 Adaptor, but with flange added so you ca attach it directly to any
machine. Can attach with either double-sided tape or four screws.

$\square$ Material thickness : 3/32" outlet dia. is 2-1/2" O.D. Flange is $3 / 4$ " wide | er | Overall Size: (L x W x H) |
| ---: | ---: |
| air | $4 " \times 3-5 / 8 " \times 3-13 / 16 " ~$ |



## 4" Quick Disconnect

 DISCONTINUEDDesigned to attach to the end of a $4^{\prime \prime}$ flexible hose
and then press-on to any $4^{\prime \prime}$ diameter dust hood for a quick and easy friction fit. Ideal for use with smaller $\begin{array}{lc}\text { capacity, } & \text { mobile dust } \\ \text { collectors } & \text { to service }\end{array}$ multiple machines. Eliminates the need to Tough polythylene hose. connect and disconnect hose clamp each time a new Tool

| oodworking machine | W1030 | 3 " $\times 50$ | \$47.51 |
| :---: | :---: | :---: | :---: |
| airtight. | W1034 | 4" x 10' | \$54.26 |
|  | W1035 | $5 " \times 10^{\prime}$ | \$62.67 |
| W1038 ------------ \$3.67 | W1036 | $6^{\prime \prime} \times 10$ | 66. |

## Aircraft/Car Detailing - All GLARE® products are made in USA and 50 states EPA compliant for VOC's.

| GLARE® PLUS Professional Polish <br> GLARE ${ }^{\circledR}{ }^{\text {PLUS }+}$ PROFESSIONAL POLISH will make your vehicle's paint shine so bright that you will literally need sunglasses to look at it during the day, and it will look luminescent under artificial light at night. This product provides the highest shine available with a three dimensional depth of gloss not achievable with any other product. This is brand new technology in paint appearance and protection. Now with more Glassplexin ${ }^{\circledR}$. <br> 12 oz. Bottle : \$34.95 <br> 1 Gallon Jug : \$360.00 <br> NEW GLARE ${ }^{\circledR P l u s ~+~ P R O F E S S I O N A L ~ P O L I S H ~ i s ~ a ~ n o n-s t i c k, ~ h i g h ~ g l o s s, ~ a l l-w e a t h e r, ~ t e m p e r a t u r e-~ f l e x i b l e ~ s e a l a n t ~ c o n t a i n i n g ~ a ~ n e w ~ t y p e ~ o f ~ p r o p r i e t a r y ~}$ chemical formulation called Glassplexin. GLARE ${ }^{\circledR}$ was developed by on- staff chemists who have over 100 years of paint-specific chemical experience combined. GLARE ${ }^{\circledR}$ PROFESSIONAL POLISH represents the very latest in paint appearance and protection technology. It contains no waxes, polymers, or resins because those type of ingredients and chemicals in other products have very low melting points and do not filter out UV rays, and do not hold up to regular washing like GLARE ${ }^{\circledR}$. <br> GLARE ${ }^{\circledR p l u s ~+~ P R O F E S S I O N A L ~ P O L I S H ~ w i l l ~ b o n d ~ t o ~ y o u r ~ v e h i c l e ' s ~ p a i n t ~ t h r o u g h ~ a ~ c o v a l e n t ~ c h e m i c a l ~ b o n d ~ w h i c h ~ i s ~ n o t ~ p o s s i b l e ~ w i t h ~ a n y ~ o t h e r ~}$ product currently available in the world's market. The chemical reaction that occurs between GLARE ${ }^{\circledR}$ and the paint literally transforms the chemical structure of the vehicle's paint and now shares the properties of both the original paint and glass. Micro scratches, swirls, and oxidation are all removed permanently. The end result is a newly created type of paint/glass hybrid "SUPER PAINT" that is harder and more resilient then before. <br> The GLARE ${ }^{\circledR P l u s}+$ treated paint has a much higher surface tension and causes water to sheet off instead of beading. The newly chemically altered paint now has the ability to filter out over $98 \%$ of the sun's UVA/UVB rays, the ability to block out air oxidation and corrosion, the ability to expand and contract with temperature variances up to 650 degrees Fahrenheit and down to negative 250 degrees Fahrenheit without cracking fading or peeling, will hold up to regular washing, and will block damage from everyday environmental contaminants that always seem to find their way onto your vehicle. Bugs, bird droppings, and tree sap will not stick to paint treated with GLARE ${ }^{\circledR}$ Plust . Also, GLARE ${ }^{\circledR \text { Plus }+ \text { PROFESSIONAL POLISH creates }}$ a paint surface so smooth and slick that the Air-Drag Coefficient of your vehicle will be significantly reduced, actually making your vehicle more aerodynamic. <br> GLARE $^{\circledR P l u s ~+~}$ provides all of these benefits while producing the highest three dimensional depth of gloss never before achievable, and this is why GLARE ${ }^{\circledR \text { Plus }+}$ is not only used by individual enthusiasts and collectors, but also by vintage car and motorcycle museums and the world's most famous professional custom car and motorcycle painters in the industry. This is the absolute finest gloss enhancing polish/sealant currently available in the world's market for your car, truck, motorcycle, ATV, boat, yacht, personal watercraft, R/V, motorhome, trailer, or aircraft. Never apply carnauba wax, or polymer synthetic wax, on top of your final GLARE ${ }^{\circledR \text { Plus }}+$ coat as this will adversely affect the chemical bonding process with the paint and will cause the shine to go down. There is no need to top GLARE ${ }^{\circledR}$ Plus + with anything else because GLARE ${ }^{\circledR}$ provides the highest shine of any other product available. This should always be the final step in any application. <br> GLARE ${ }^{\circledR P \text { Plus }}$ + PROFESSIONAL POLISH has been developed to be able to work on a wide variety of car, motorcycle, boat, and aircraft specific paints including Acrylic Enamels, Urethanes, Polyurethane and Polyurethane Clearcoats, and epoxy or polyester resin Gelcoats. GLARE ${ }^{\circledR P L U S}$ <br> ${ }^{+}$PROFESSIONAL POLISH has been tested and approved by BOEING for use on PPG Aircraft Paint. Glare can be used on Fiberglass, Carbon Fiber, Glass, Plexiglass, Plastic, Chrome, Aluminum, and all metal alloys. <br> GLARE ${ }^{\circledR P l u s+}$ + is also excellent for exhaust pipes, wheels and rims, headlights and brake lenses, helmets, visors, goggles, eyeglasses and sunglasses, household appliances, marble, tile, porcelain, finished wood, brass, silverware, gold, jewelry, windows, mirrors, crystal, sporting goods, golf clubs, skiing equipment, water sports equipment, musical instruments, and repairs CD's and DVD's. As you can see, GLARE ${ }^{\circledR}$ PLUS + does not need to be stowed away in the garage after you're done treating your car or bike. It can be used around the house and on almost anything and everything that you own. If you think your paint looks good now, just wait until you see it after it has been GLARE'D. You'll be seeing your vehicle's paint in true HD for the first time in your life! GLARE ${ }^{\circledR P L U S ~+~ P R O F E S S I O N A L ~ P O L I S H . ~ B e y o n d ~ w e t . ~}$ |  |
| :---: | :---: |
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## 5 <br>  GLARE® MICRO-FINISH

GLARE® MICRO-FINISH is a revolutionary micro compound developed with our exclusive Glassplexin formulation. GLARE® MICRO-FINISH has the smallest and finest abrasive particles added to remove light to moderate levels of oxidation and micro scratches without scratching or harming the applied surface. Just like GLARE® PROFESSIONAL POLISH, GLARE® MICROFINISH does not contain any type of waxes, polymers or resins, and can be used on a variety of materials including paint, clear-coat, gel-coat, fiberglass, chrome, glass, carbon fiber, plexiglass, plastic, and all metal alloys. This is the absolute best product available for removing those annoying micro scratches you see in your vehicle's paint, and also excellent for polishing up rims, wheels, and exhaust pipes too! This is not a cover up polymer wax product, but actually and permanently repairs micro scratches and oxidation through physics and chemistry. GLARE® MICRO-FINISH is the most advanced micro compound ever developed.


1 Gallon Jug : \$360.00

Aircraft／Car Detailing－All GLARE® products are made in USA and 50 states EPA compliant for VOC＇s．

| W⿳⺈⿴囗十⿱⿱㇒木女⿷⿱㇒⿸⿻日丿乚厶力刂, GLARE® Spider <br> GLARE® SPIDER with Glassplexin ${ }^{\circledR}$ is the most advanced swirl removing product ever created．Utilizing a unique chemical process of ultra pure metal interlinked fusion to Glassplexin® particles，GLARE® SPIDER will physically and chemically remove circular swirls and the appearance of spider webs in the paint，including on black paint even when viewed in direct sunlight．GLARE® SPIDER is not a cover up product，but a technologically advanced swirl removal solution that will permanently correct $99 \%$ of the swirls that appear in your paint which are caused by automated carwashes，hard water，dust，and dirt．Unlike other products that are sold as swirl remover products，GLARE® SPIDER actually works and does exactly what the label says it will do．GLARE® SPIDER will correct even the heaviest level of swirls and should always be followed with an application of GLARE® MICRO－FINISH or GLARE® PROFESSIONAL POLISH．GLARE® SPIDER has been designed to also work excellently on plastic too！ |  |
| :---: | :---: |

## 

GLARE® KNOCKOUT is a heavy cutting compound that contains our proprietary Glassplexin® formulation．Again，like all GLARE® products，this is a product that does not contain any type of carnauba wax，synthetic polymer wax，or resins．GLARE® KNOCKOUT is the most aggressive product in the GLARE® line and is designed to remove and repair the heaviest levels of oxidation and scratches in a safe and effective manner through both physical and advanced chemical means．It has been designed to be as aggressive as possible without being overly abrasive．It＇s balanced．GLARE® KNOCKOUT will not only remove and reverse oxidation，but will also remove stains and repair damage like bird dropping stains and hard water spot damage．GLARE® KNOCKOUT will remove industrial fallout as well．If you have that deep scratch or scuff that you thought could never be fixed outside of repainting， prepare to get knocked out because GLARE® KNOCKOUT can fix it．This product is also great for feathering in touch up paint to blend in with the original paint．GLARE® KNOCK OUT should always be followed with an application of GLARE® MICRO－ FINISH．

37411－glr－004


12 oz．Bottle ：\＄29．95

37411－glr－005

## W8：GARE® Liqui－Clay

＂The Clay Bar in a Bottle＂Smoothes and removes stubborn blemishes before polishing！Won＇t re scratch your paint like a regular Clay Bar．Fast and very easy to use．The MOST advanced claying system for your vehicle＇s finish ever developed！＊ Restores Color＊Picks up Debris．Fallout，Insects，and Dirt Particles like a Magnet！＊Smoothes paint like glass＊Preps paint before polishing．


12 oz．Bottle ：\＄11．95
GLARE® Vinyl／Leather all Weather Protectant contains a special blend of natural ingredients and a chemical formulation
called SUPPLEXIN which is designed to beautify，soften，deodorize，preserve，and protect against damaging agents found
in the everyday usage of your vehicle＇s interior．This product cleans，conditions，preserves，and protects in one easy step
while smelling great at the same time．Contains no harmful silicons，or adverse active ingredients．Blocks harmful UV rays．
The finest and most technologically advanced interior product ever unleashed on the car care market，and thus worthy of
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The finest and most technologically advanced interior product ever unleashed on the car care market，and thus worthy of the GLARE® Name．
＂Cleans your vehicle，keeps your shine．＂The most advanced wash ever developed．A PH balanced concentrated wash．Safe for all paints and finishes including the new clear－coated paints．New technology that leaves your vehicle clean and glossy like no other vehicle wash can．Contains Glassplexin®．

## Fernand GLARE® Rapid Action Spray Polish

Bonds molecularly to your paint．The most exciting polish ever developed．Ultimate protection for Cars，Planes，Boats， Motorcycles，Fiberglass，Plastic，Stainless Steel，Chrome，Carbon Graphite \＆Polished Aluminum．Now in a convenient and easy to use spray formula．Contains Glassplexin® and lasts up to six months．Bonds molecularly to your paint．The most exciting polish ever developed．

##  <br> GLARE® Turbo Action Wheeler Cleaner

Ultimate protection for Cars，Planes，Boats，Motorcycles，Fiberglass，Plastic，Stainless Steel，Chrome，Carbon Graphite \＆ Polished Aluminum．Now in a convenient and easy to use spray formula．Contains Glassplexin and lasts up to six months． Bonds molecularly to your paint．The most exciting polish ever developed．

37411－glr－007


## 37411－glr－008



16 oz．Bottle ：\＄24．95 37411－glr－009


16 oz．Bottle ：\＄12．95

Aircraft/Car Detailing - All GLARE® products are made in USA and 50 states EPA compliant for VOC's.

37411-glr-010


GLARE® Tire Magic
The ultimate all in one tire appearance protection product! Glare Tire Magic will filter out harmful Ultra Violet Rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Gives a beautiful rich natural high gloss finish. Splatter resistant formula. Easy to use - just spray and wipe!.


16 oz. Bottle : \$14.95

THE CORRECT GLARE APPLICATION PROCEEDURE

## GLARE® Winner Circle Pro Kit

## 1. Knock Out 2. Micro-Finish 3. Spider

4. Glare® Professional Polish (or Air-Glare® Professional Polish )
"Shines so bright, you'll need sunglasses."
This kit includes one of each: GLARE In this order you will apply the products the same. Buffing with a thick Micro Fiber Towel hook and loop Professional Polish GLARE Micro-Finish design until the product disappears. Turn over the Towel and use the other side to wipe off the excess. GLARE Spider GLARE Knock-Out Use a new Micro Fiber Towel with each of the products mentioned above. After you finished using the Compound.
 four products as described you will then go over a second coat only with the Glare Pro Polish. Rub in this time but not until the polish disappears. Let it dry to a haze! Do the whole vehicle without buffing the haze off. When you are finished with the vehicle at that time wait 30 min . then buff to a shine with a new Micro Fiber Towel. Do not get water on the Vehicle for 24 hours as it has to cure, and also do not ever put any other products over the Glare ${ }^{\circledR}$ except a Glare ${ }^{\circledR}$ product as the Glassplexin $®$ does not mix with Silicones, Waxes, and Polymers. Very important on this point. If you want to apply another coat of Glare you can do this without any problems to fill in new scratches. As you know when you drive any vehicle on the road the dirt from the highways will make new scratches so we suggest you put on a new coat of Glare every other month. You will not need to go over the 4 step ever again unless your paint got keyed or vandalized etc.
GLARE® Sahara Wash and Detail Spray is the only safe solution to washing
and detailing your vehicle as an express polish or after care product. This does
not replace GLARE® Professional polish. This is a beautiful after care product
when your vehicle gets very dirty and you want to clean and maintain the original
deep beyond wet look shine you received using the GLARE® Professional Polish.
GLARE® Sahara Wash and Detail is a safe and effective wash and detail product rolled into one. This product is the perfect solution when water
supply is limited. Do not confuse this product with Glare Rapid Action which has a 6 months lasting protection, and is not a wash. Safe on all exterior
materials. The most revolutionary product of this kind on the market. Easy to use on all cars. Clear coat safe and recommended. This is the best
spray polish you can buy. Great for use on motorcycles, glass, and polycarbonate as well.

## 

GLARE® ZERO is a revolutionary product, especially developed for the professional in mind. Whether detailing an old finish, or preparing a freshly painted surface for polishing, GLARE® ZERO is a must. After the last coat of clearcoat has cured the professional painter will color sand with fine sandpaper to level any imperfections or ripples in the surface of the paint. After finishing this color-sanding procedure they will proceed to step one of polishing and polish the paint surface with GLARE Knock-Out Compound. Polishing out the scuffs and scrapes left behind from color sanding can be very tedious and take a good amount of work and time requiring countless passes of the high
 speed buffer.
GLARE® ZERO was designed to be used after color sanding but before step one (GLARE® Knock-Out) to prepare the painted surface and shorten the time and work of polishing by allowing the GLARE Knockout to be more effective with less effort and with fewer passes of the high speed buffer. GLARE® Zero chemically softens the surface of the clear-coat when activated by heat from friction of the high speed buffer. The surface of the clearcoat turns into semi-fluid state allowing the scuffs and scrapes from color-sanding to blend together right before your very eyes while polishing with GLARE® Knock-Out. This chemical transformation allows the GLARE® Knockout to be twice as effective. Although the clear-coat initially becomes softer, once done polishing with GLARE® Professional Polish, the clear-coat becomes harder, smoother, more resilient and with a higher surface tension then ever before achievable. Detailers may also use GLARE® ZERO without color sanding to make polishing more effective. This is brand new paint prep technology that both the professional painter/body shop as well as the professional detailer will appreciate. Before step one there's ZERO


NEW! Glare Blast Quick \& Fast Flat Paint Paint Polish Will Adapt to all Paints. We are the only ones with CamoAdaptive Technology in the World! A Quick Detailer Total all Paint Including Falt Paints Protection Spray!!

GLARE® BLAST is the most technologically advanced spray detailer polish ever developed! This is not just a simple cleaner, but a true polish that blocks UV rays and protects paint against contamination and the environment


12 oz. Bottle : \$34.95

This is the only spray detailer polish with Camo-Adaptive Technology ${ }^{\text {TM }}$ which allows GLARE BLAST to adapt to whatever surface it is being applied to including Gloss Paint, Flat Paint (Matte or Satin Paint), Clear Coated Paint, ALL types of Polyurethane Paints, Enamel Paint, Nitrocellulose Paint, Gel-Coat, Carbon Fiber, Fiberglass, Glass, Mirrors, Plexiglass, Helmets, Visors, Goggles, Sunglasses, Plastic (smooth or rough), Rubber, Vinyl, Leather, Chrome, Aluminum, All types of Metal Alloys, Powder Coat, and can even be used on outer engine components and casings.

GLARE BLAST's exclusive Camo-Adaptive Technology ${ }^{\text {TM }}$ will make flat paint look like brand new flat paint without adding any unwanted sheen or gloss and eliminates and prevents fingerprints. When used on gloss paint it will make the paint pop with added gloss unmatched by any other spray detailer polish. This is the only spray detailer polish in the world with Camo-Adaptive Glassplexin® which allows GLARE BLAST to serve these two totally different and opposite functions for flat and gloss paints. Camo-Adaptive Technology ${ }^{\text {™ }}$ makes it possible for this single product to enhance any and all types of paints in existence, and with our Glassplexin® formulation GLARE BLAST will offer you the best paint protection of any spray detailer product on the market. Whether your paint is supposed to shine or not, Camo-Adaptive Technology ${ }^{\text {TM }}$ allows GLARE BLAST to know exactly what it's supposed to do. It's easy to use, it will give your paint real protection because it contains our proprietary Glassplexin® formulation, and you can use it on virtually all other materials found on your vehicle besides just the paint. It truly is the most technologically advanced spray detailer polish ever unleashed onto the car care and motorcycle care market. This is cutting edge technology in paint appearance and protection. It sprays on fast and wipes off easy. It's called GLARE BLAST and it's Quick ' $N$ ' Fast! Don't drive or ride without it.

AIR-GLARE® PROFESSIONAL AIRCRAFT POLISH is the most technologically advanced aircraft paint polish/sealant ever developed. This is the finest product for your airplane, jet, or helicopter. AIR-GLARE® will protect your expensive aircraft paint from UV ray discoloration, engine exhaust, air oxidation, and degradation which is caused by air molecules constantly bombarding the exterior at extremely high speeds. This product will make cleaning your aircraft a shorter, easier task


AIR-GLARE® PROFESSIONAL AIRCRAFT POLISH will reduce the Air-Drag Coefficient of the aircraft which in turn increases maximum air-speed and fuel economy. AIR-GLARE® will allow for a much easier de-icing of the aircraft as well. AIR-GLARE® has been tested and approved by BOEING® for use on PPG Aircraft Paint, and can be used on a wide variety of aircraft paints and materials. AIR-GLARE® is also excellent for polycarbonate (maintains optical clarity), glass (including instrumentation glass), Carbon Graphite (including helicopter blades), fiberglass, aircraft aluminum, and all metal alloys.
Approved for types of aircraft, Exceeds Boeing ${ }^{\circledR}$ Test D6-17487.

## 

This Glare Bucket is made from the finest Fire-Hose material to give it longivity, and makes extremely sturdy. Will give you many years of use! Handle is made from the finest surgical stainless steel. Folds up in a zippered hat box. After use just fold up and up it your trunk of your car, or store in the garage. Once you use this bucket you will not want to use any other kind! Many uses: Car washing, Holding Golf Balls, Holds Ice for Drinks at the Beach, Fishing!! etc. You will find many more uses for our Glare Foldable 5 gallon Bucket! Makes a Great Unique Gift for anyone!

* This ultra modern bucket holds 5 gallons of Water. * Colapses for easy storage. * Comes in its own storage case. * The Glare Hurricane Bucket is great for traveling or home. * Fits nicely in any suitcase or trunk of a car. * Glare Hurricane Bucket can be used to wash cars, fishing, golf balls. * Great for holding Ice for parties and keep drinks ice cold.


Made from the same type of materials used in Commercial Fire Hoses. Handle is $100 \%$ Stainless Steel - Rust Proof!! Comes with a one year warranty against manufactures defects. We guarantee this is the most practical bucket you have ever seen. Another top notch product brought to you by Ultra 2000 Manufacturing International Inc. the makers of Exclusive Glare Products.
e-mail : info@magnate.net Web Site : www.magnate.net
(TEL) 800-827-2316, 909-468-5747 (FAX) 909-468-5745

## ER11 CNC Collets

18 mm (0.708") Length, 11.5 mm (0.45") Diameter


34 mm (1.34") Length, 26mm (1.02") Diameter

| Tool No. | Size | Price |
| :---: | :---: | :---: |
| ER25332 | 3/32" | \$47.18 |
| ER2518 | 1/8" | \$22.50 |
| ER25532 | 5/32" | \$39.80 |
| ER25316 | 3/16" | \$22.50 |
| ER25732 | 7/32" | \$39.80 |
| ER2514 | 1/4" | \$22.50 |
| ER25932 | 9/32" | \$39.80 |
| ER25516 | 5/16" | \$22.50 |
| ER251132 | 11/32" | \$38.26 |
| ER2538 | 3/8" | \$22.50 |
| ER251332 | 13/32" | \$39.80 |
| ER25716 | 7/16" | \$22.50 |
| ER251532 | 15/32" | \$38.26 |
| ER2512 | 1/2" | \$22.50 |
| ER251732 | 17/32" | \$38.26 |
| ER25916 | 9/16" | \$22.50 |
| ER251932 | 19/32" | \$38.26 |
| ER2558 | 5/8" | \$22.50 |
| ER252 | 2 mm | \$38.26 |
| ER257 | 7 mm | \$39.80 |
| ER258 | 8 mm | \$22.50 |
| ER2510 | 10 mm | \$22.50 |
| ER2512M | 12 mm | \$39.80 |
| ER2513M | 13 mm | \$39.80 |
| ER2514M | 14 mm | \$39.80 |
| ER2516M | 16 mm | \$39.80 |


27.5 mm (1.08") Length, 17 mm (0.67") Diameter

| Tool No. | Size | Price |
| :---: | :---: | :---: |
| ER16116 | 1/16" | \$45.7 |
| ER16332 | 3/32" | \$45.7 |
| ER1618 | 1/8" | \$33.1 |
| ER16532 | 5/32" | \$33.1 |
| ER16316 | 3/16" | \$33.1 |
| ER16732 | 7/32" | \$33.1 |
| ER1614 | 1/4" | \$33.1 |
| ER16932 | 9/32" | \$33.1 |
| ER16516 | 5/16" | \$33.1 |
| ER161132 | 11/32" | \$33.1 |
| ER1638 | 3/8" | \$35.9 |
| ER161332 | 13/32" | \$33.1 |
| ER167 | 7 mm | \$31.8 |
| ER168 | 8 mm | \$31.8 |
| ER1610 | 10 mm | \$33.1 |
| ER20 CNC Collets |  |  |
|  |  |  |

31.5 mm (1.24") Length, 21mm (0.83") Diameter

| Tool No. | Size | Price |
| :---: | :---: | :---: |
| ER20332 | 3/32" | \$45.70 |
| ER2018 | 1/8" | \$19.01 |
| ER20532 | 5/32" | \$37.62 |
| ER20316 | 3/16" | \$19.01 |
| ER20732 | 7/32" | \$37.62 |
| ER2014 | 1/4" | \$19.01 |
| ER20932 | 9/32" | \$37.62 |
| ER20516 | 5/16" | \$19.01 |
| ER201132 | 11/32" | \$38.27 |
| ER2038 | 3/8" | \$19.01 |
| ER201332 | 13/32" | \$36.17 |
| ER20716 | 7/16" | \$19.01 |
| ER201532 | 15/32" | \$36.17 |
| ER2012 | 1/2" | \$19.01 |
| ER207 | 7 mm | \$36.17 |
| ER208 | 8 mm | \$37.62 |
| ER2010 | 10 mm | \$19.01 |
| ER2012M | 12mm | \$37.62 |
| ER2013M | 13 mm | \$36.17 |



40mm (1.57") Length, 33mm (1.31") Diameter

| Tool No. | Size | Price | Tool No. | Size | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ER32332 | 3/32" | \$54.55 | ER4018 | 1/8" | \$25.00 |
| ER3218 | 1/8" | \$22.50 | ER40532 | 5/32" | \$44.23 |
| ER32532 | 5/32" | \$39.80 | ER40316 | 3/16" | \$25.00 |
| ER32316 | 3/16" | \$22.50 | ER40732 | 7/32" | \$44.23 |
| ER32732 | 7/32" | \$39.80 | ER4014 | 1/4" | \$25.00 |
| ER3214 | 1/4" | \$22.50 | ER40932 | 9/32" | \$44.23 |
| ER32932 | 9/32" | \$39.80 | ER40516 | 5/16" | \$25.00 |
| ER32516 | 5/16" | \$22.50 | ER401132 | 11/32" | \$44.23 |
| ER321132 | 11/32" | \$38.35 | ER4038 | 3/8" | \$25.00 |
| ER3238 | 3/8" | \$22.50 | ER401332 | 13/32" | \$44.23 |
| ER321332 | 13/32" | \$39.80 | ER40716 | 7/16" | \$25.00 |
| ER32716 | 7/16" | \$22.50 | ER401532 | 15/32" | \$44.23 |
| ER321532 | 15/32" | \$38.35 | ER4012 | 1/2" | \$25.00 |
| ER3212 | 1/2" | \$22.50 | ER401732 | 17/32" | \$44.23 |
| ER321732 | 17/32" | \$38.35 | ER40916 | 9/16" | \$25.00 |
| ER32916 | 9/16" | \$22.50 | ER401932 | 19/32" | \$44.23 |
| ER321932 | 19/32" | \$38.35 | ER4058 | 5/8" | \$25.00 |
| ER3258 | 5/8" | \$22.50 | ER402132 | 21/32" | \$44.23 |
| ER322132 | 21/32" | \$38.35 | ER401116 | 11/16" | \$25.00 |
| ER321116 | 11/16" | \$22.50 | ER402332 | 23/32" | \$44.23 |
| ER322332 | 23/32" | \$39.80 | ER4034 | 3/4" | \$25.00 |
| ER3234 | 3/4" | \$22.50 | ER4078 | 7/8" | \$25.00 |
| ER324 | 4 mm | \$39.80 | ER401 | $1{ }^{\prime \prime}$ | \$25.00 |
| ER325 | 5 mm | \$39.80 | ER406 | 6 mm | \$25.00 |
| ER326 | 6 mm | \$22.50 | ER407 | 7 mm | \$44.23 |
| ER328 | 8 mm | \$22.50 | ER408 | 8 mm | \$25.00 |
| ER3210 | 10 mm | \$22.50 | ER4010 | 10 mm | \$25.00 |
| ER3212M | 12 mm | \$39.80 | ER4012M | 12 mm | \$44.23 |
| ER3213M | 13 mm | \$39.80 | ER4013M | 13 mm | \$44.23 |
| ER3214M | 14 mm | \$39.80 | ER4014M | 14 mm | \$44.23 |
| ER3216M | 16 mm | \$39.80 | ER4016M | 16 mm | \$44.23 |
| ER3218M | 18 mm | \$38.35 | ER4018M | 18 mm | \$44.23 |
| ER3220M | 20 mm | \$39.80 | ER4020M | 20 mm | \$44.23 |
|  |  |  | ER4022M | 22 mm | \$44.23 |
|  |  |  | ER4025M | 25 mm | \$44.23 |

MISC. ACCESSORIES


MISC. ACCESSORIES

$\begin{array}{|lllll|}\text { Tool No. Collet } & & \\ \text { Outside } \\ \text { Dia. }\end{array} \begin{gathered}\text { Inside } \\ \text { Dia. }\end{gathered} \quad$ Length Price $\quad$ (


| Tool No. | Collet |  | Gauge Length Price |
| :--- | :--- | :--- | :--- | :--- |
| ER32-HSK63F-70 | ER32 | 70 mm | $\mathbf{\$ 1 9 7 . 5 0}$ |
| ER32-HSK63F-75 | ER32 | 75 mm | $\mathbf{\$ 1 9 7 . 5 0}$ |
| ER32-HSK63F-80 | ER32 | 80 mm | $\mathbf{\$ 1 9 7 . 5 0}$ |
| ER40-HSK63F-76 | ER40 | 76 mm | $\mathbf{\$ 2 0 4 . 1 7}$ |
| ER40-HSK63F-90 | ER40 | 90 mm | $\mathbf{\$ 2 0 4 . 1 7}$ |
| OZ25-HSK63F-78 SYOZ25 | 78 mm | $\mathbf{\$ 2 0 4 . 1 7}$ |  |

## Pro-Stik ${ }^{\circledR}$

## Abrasive Belt \& Disc Cleaners

Clearing STIKS : Increase the life of new sanding belts and discs with our quality Pro-Stik ${ }^{\circledR}$ abrasive belt cleaners. Simply press the cleaner lightly against moving sanding belts and discs to remove clogged-up pitch and sawdust. (Not recommended for wide-belt sanders.)



For composition materials, hard or soft wood. Used for installing paneling, drywall, or siding. The sharp point plunges quickly while the carbide edges create a clean even interior surface.

For composition materials, hard or soft wood. Used for installing paneling, drywall, or siding. The sharp point plunges quickly while the carbide edges create a clean even interior surface.



Carving Rougher Bits M2 High Speed Steel
Cutting Length : 1-3/16"
Overall Length : 2-1/2"

| Tool No. |  | Cutting Dia. | Shank Dia. | Price |
| :---: | :---: | :---: | :---: | :---: |
| R-H | L-H |  |  |  |
| 2844 | 2874 | 1/2" | 1/4" | \$20.65 |
| 2845 | 2875 | 5/8" | 1/4" | \$20.65 |
| 2841 | 2871 | 5/8" | 11 mm | \$31.23 |
| 2846 | 2876 | 3/4" | 1/4" | \$22.64 |
| 2847 | 2877 | 3/4" | 1/2" | \$26.69 |
| 2842 | 2872 | 3/4" | 11 mm | \$36.00 |
| 2848 | 2878 | 1" | 1/4" | \$46.88 |

## Forstner Bit

3/8" Shank Diameter 3-1/2" OAL Carbon Tool Steel


To be used with drill presses.

| Tool No. | Cutting Dia. | Price |
| :---: | :---: | ---: |
| FB1001 | $1 / 4^{\prime \prime}$ | $\$ 2.48$ |
| FB1002 | $3 / 8^{\prime \prime}$ | $\$ 2.88$ |
| FB1003 | $1 / 2^{\prime \prime}$ | $\$ 3.26$ |
| FB1004 | $5 / 8^{\prime \prime}$ | $\$ 3.64$ |
| FB1005 | $3 / 4^{\prime \prime}$ | $\$ 4.02$ |
| FB1006 | $7 / 8^{\prime \prime}$ | $\$ 4.50$ |
| FB1007 | $1 "$ | $\$ 4.88$ |
| FB1008 | $1-1 / 8^{\prime \prime}$ | $\$ 5.64$ |
| FB1009 | $1-1 / 4^{\prime \prime}$ | $\$ 6.50$ |
| FB1010 | $1-3 / 8^{\prime \prime}$ | $\$ 7.45$ |
| FB1011 | $1-1 / 2^{\prime \prime}$ | $\$ 8.03$ |
| FB1012 | $1-5 / 8^{\prime \prime}$ | $\$ 8.50$ |
| FB1013 | $1-3 / 4^{\prime \prime}$ | $\$ 8.88$ |
| FB1014 | $1-7 / 8^{\prime \prime}$ | $\$ 9.47$ |
| FB1015 | $2 "$ | $\$ 11.28$ |
| FB1016 | $2-1 / 8^{\prime \prime}$ | $\$ 12.33$ |

## MISC. ACCESSORIES



Magnate custom makes solid carbide, carbides tipped, diamond and steel cutting tools i.e. router bits, shaper cutters and etc. (thereafter referred to as Cutters) to your specifications. All Cutters are industrial grade carbide tipped and made in USA unless otherwise specified.

The procedure is as follows:
> Please download and fill out our "Custom Made" Tooling Information Sheet" (Please refer to next page). E-mail to info@magnate.net or fax to 909-468-5745 the sheet with the dimensions of the Cutters that you want. Specify the number of wings or flutes and rotation. If the dimensions are not easy to describe, the ACTUAL size of wood sample is desired.
> Upon receiving your drawing or wood sample, Magnate will quote you the pricing usually within 24-48 hours by e-mail, fax or phone whichever you prefer.
> Upon your agreement with the pricing, Magnate will provide you with the CAD-like drawing (see example below) for your approval. Magnate's trained personnel will then discuss the drawing with you if you have any questions.

> You will give us written approval or your signature on the final drawing.
> Upon receiving the written approval or your signature, Magnate will make the Cutters according to the final drawing you approved.
> It usually takes 7-10 working days before we can ship the Cutters. Rush orders may require an extra charge.
$>$ You are responsible for providing an accurate drawing. It must be paid in full before Magnate starts making the Cutters. The charge is not refundable UNDER ANY CIRCUMSTANCES. If The Cutter is defective or it does not fit the final drawing you approved, we will re-make it at no extra charge. Beyond this, Magnate is not responsible for any damages caused by any errors of yours, Magnate or any third parties.

Please feel free to contact us if you have further questions.

## Customer Information



Signature
$\qquad$ Date $\qquad$正


## IVIA) ©NAALE ${ }^{T M}$ Professional Sharpening Services

We provide mail order or will call sharpening service. If you wish to have your bits or blades sharpened, send them to Magnate via UPS or US Postal Service or drop them by our office. You may pick up at Magnate's office or we will ship them back via UPS or US Postal Service. Pay by check or credit card. The prices are effective as of Jan 01, 2012 and subject to change without notice. The following are our regular sharpening rates. Please note, due to the various stages of wear of the tooling sent in, it is difficult to give an exact price for sharpening. For example, saw blades may be re-tipped or cutters may need to be repaired. Therefore we may need to contact you by email or phone to adjust the final price accordingly. Please note that all prices are subject to change without notice.

(TEL) 800-827-2316, 909-468-5747 (FAX) 909-468-5745


Edge Banding PVC Tape, Preglued, 0.5 mm Thick
Pack of Two 300-feet Rolls ( 600 Feet Total )


Custom made products of different widths, thickness, colors, textures, and finishes are available.

It is recommended that the width of the Edge banding tape is $1 / 16^{\prime \prime}$ to $1 / 8^{\prime \prime}$ wider than the width of the surface you intend to work on.

Pre-glued at factory; no return is accepted.

| Tool No. | Width | Color | Price |
| :---: | :---: | :---: | :---: |
| PVC78G1PG05-2 | 7/8" | Generic White | \$80.03 |
| PVC78G2PG05-2 | 7/8" | Generic Black | \$85.02 |
| PVC78W1500PG05-2 | 7/8" | Matte Gray | \$105.03 |
| PVC1516G1PG05-2 | 15/16" | Generic White | \$90.02 |
| PVC1516W7909PG05-2 | 15/16" | Fusion Maple | \$105.03 |
| PVC1516G2PG05-2 | 15/16" | Generic Black | \$95.04 |
| PVC1516F909PG-2 | 15/16" | Matte Black | \$95.02 |
| PVC1516F7759PG-2 | 15/16" | Select Cherry | \$110.07 |
| PVC1516F837PG-2 | 15/16" | Graphite | \$105.02 |
| PVC1516F9236PG-2 | 15/16" | Noble Mahogany | \$110.05 |
| PVC1516W10776PG-2 | 15/16" | Kensington Maple | \$105.04 |
| PVC1516F902PG-2 | 15/16" | Platinum | \$115.04 |
| PVC1-14F909PG-2 | 1-1/4" | Matte Black | \$180.05 |
| PVC1-14F7759PG-2 | 1-1/4" | Select Cherry | \$200.09 |
| PVC1-14F837PG-2 | 1-1/4" | Graphite | \$180.04 |
| PVC1-14F9236PG-2 | 1-1/4" | Noble Mahogany | \$200.07 |
| PVC1-14W10776PG-2 | 1-1/4" | Kensington Maple | \$200.06 |
| PVC1-14F902PG-2 | 1-1/4" | Platinum | \$190.06 |

Edge Banding PVC Tape, Preglued 1.0 mm Thick 300-feet Roll


Custom made products of different widths, thickness, colors, textures, and finishes are available.

It is recommended that the width of the Edge banding tape is $1 / 16^{\prime \prime}$ to $1 / 8^{\prime \prime}$ wider than the width of the surface you intend to work on.

Pre-glued at factory; no return is accepted.

| Tool No. | Width | Color | Price |
| :--- | :---: | :---: | :---: |
| PVC78G1PG10 | $7 / 8^{\prime \prime}$ | Generic White | $\$ 60.03$ |
| PVC78G2PG10 | $7 / 8^{\prime \prime}$ | Generic Black | $\$ 55.02$ |
| PVC78W1500PG10 | $7 / 8^{\prime \prime}$ | Matte Gray | $\$ 70.03$ |

Edge Banding Wood Veneer Tape, Unglued 0.5mm Thick Pack of Two 300-feet Rolls ( 600 Feet Total )

Custom made products of different widths, thickness, colors, textures, and finishes are available.

25\% re-stocking charge if items are returned in original condition within 20 days from shipping date. No returns after 20 days from shipping date.
It is recommended that the width of the Edge banding tape is $1 / 16^{\prime \prime}$ to $1 / 8^{\prime \prime}$ wider than the width of the surface you intend to work on.

## -

Tool No.

| Width | Color | Price |
| :---: | :---: | ---: |
| $7 / 8^{\prime \prime}$ | White Maple | $\mathbf{\$ 8 0 . 0 3}$ |
| $7 / 8^{\prime \prime}$ | White Birch | $\mathbf{\$ 1 0 0 . 0 2}$ |
| $7 / 8^{\prime \prime}$ | Cherry | $\mathbf{\$ 1 0 0 . 0 3}$ |

Edge BandingWood Veneer Tape, Preglued 0.5mm Thick Pack of Two 300-feet Rolls ( 600 Feet Total )


Custom made products of different widths, thickness, colors, textures, and finishes are available.

It is recommended that the width of the Edge banding tape is $1 / 16^{\prime \prime}$ to $1 / 8^{\prime \prime}$ wider than the width of the surface you intend to work on.

Pre-glued at factory; no return is accepted.

| Tool No. | Width | Color | Price |
| :--- | :---: | :---: | :---: |
| WV78G1PG05-2 | $7 / 8^{\prime \prime}$ | White Maple | $\$ 120.03$ |
| WV78WBPG05-2 | $7 / 8^{\prime \prime}$ | White Birch | $\$ 140.02$ |
| WV78CRPG05-2 | $7 / 8^{\prime \prime}$ | Cherry | $\$ 140.03$ |

In this issue, you will find the following information: the "Run From" feature built into Legacy's CNC control software, programming and cutting wooden threads for the Apple Press project, programming toolpaths using Vectric's CAD CAM software, 2 rail sweeps with multiple cross-sections, and the Wall Clock project demo video.

Welcome to the revolution

## TIPS \& TECHNIQUES



## Run From

Have you ever started running a very long G Code program and wished that you could pause it, shut everything down, and then later resume running the program from the place you left off?

In this Tips \& Techniques video, Chris will demonstrate how to execute the Run From feature built right into Legacy's CNC control software.

In the next Tips \& Techniques video, Chris will demonstrate how to execute the Run From feature when you encounter an emergency stop.

## Apple Press

In this demonstration video, Harry Tippetts shares how he developed the project and the challenges that were easily overcome using his CNC and Legacy's CCAM software. He also demonstrates how he set up both the turning center and the 3 axis table to machine the internal and externals threads.


## Wall Clock

If you haven't seen the video yet, you can check it out on our website by clicking on the button below. Chris demonstrates how he set up and machined all of the parts to complete the wall clock project.

## Click for more information

## WEBINAR TRAINING



## Vectric Basics

In this weeks webinar we demonstrated how to use the three most commonly used toolpaths in Vectric's V Carve Pro and Aspire software. If you are just getting started programming for CNC, you will want to join the Wednesday webinars or view them in the Class Review on our website. You Can watch Class 13 by clicking on the button.

## Click for more information

## LEGACY'S FACEBOOK PAGE



## Legacy CNC Woodworking

Check out Legacy's Facebook page where John Hennen post his tips and techniques every Tuesday morning. In this weeks post, John demonstrated how to model using two rail sweeps in Aspire.

Be sure to check out all of the photos, videos and don't forget to Like, Comment, and Share.

## Click for more information

| Spiral, Flat-End 2 Flute Down-Cut |
| :--- |




Tool No.: 7530
Price: $\$ 134.60$
This package comes with 3 Deep Classic Point bits - 7531, 7532, 7533 at 15\% discounted price.


These bits create double bead profiles for decorative edges and bead \& cove details. The above illustration depicts a wood column milled by the Legacy Ornamental Milling machines.

| Tool <br> No. | R. | Cutting <br> Dia. | Shank <br> Dia. | Shank <br> Length | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3481 | $5 / 16^{\prime \prime}$ | $1^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 34.17$ |
| 3484 | $9 / 16^{\prime \prime}$ | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 41.23$ |
| 3482 | $5 / 8^{\prime \prime}$ | $2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2^{\prime \prime}$ | $\$ 50.01$ |



Designed for Legacy. These bits are for milling fluted columns and spindles up to 8 in diameter. Extended shaft allows for milling on the side of a larger diameter while following a curved profile.

Note : 5 " shank length is measured from middle of the knife to the end of the shank.

| $\begin{array}{\|l\|} \hline \text { Tool } \\ \text { No. } \\ \hline \end{array}$ | Flute Height | Shank Dia. | Shank <br> Length | R. | Bearing | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6053 | 3/16" | 1/2" | $5{ }^{\prime \prime}$ | 3/32" | BR-05 | \$36.64 |
| 6051 | $1 / 4 "$ | 1/2" | 5" | 1/8" | BR-05 | \$39.19 |
| 6054 | 3/8" | 1/2" | 5" | 3/16" | BR-05 | \$43.91 |
| 6052 | 1/2" | 1/2" | $5{ }^{\prime \prime}$ | 1/4" | BR-05 | \$48.62 |
| 6056 | 5/8" | 1/2" | $5{ }^{\prime \prime}$ | 5/16" | BR-05 | \$53.88 |
| 6058 | 3/4" | 1/2" | 5" | 3/8" | BR-05 | \$58.58 |

It is designed to work with Legacy Ornamental Milling machines. Used for inlaying wood veneer, and other materials i.e. brass on either spindle stock up to $8^{\prime \prime}$ in diameter, or flat stock up to 4 " wide that has a curved profile i.e. bow front drawer.

Its extended shank allows milling on the side of a larger diameter material while following a curved profile.

5" Shank length is measured from the middle of the knife to the end of the shank.

The cutting depth is $1 / 8^{\prime \prime}$. By replacing the original Magnate BR-05 bearing, the rabbet depth varies as follows:

| Original Bearing BR-05 | Cutting Depth |  |  |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { BR-08 } \\ \hline 1 / 16 " \end{gathered}$ | $\begin{gathered} \text { BR-05 } \\ \hline 1 / 8 " \end{gathered}$ | $\begin{array}{c\|c} 5 & \text { BR-04 } \\ \hline & 3 / 16 " \end{array}$ |  |  |
| 1/8" |  |  |  |  |  |
| $\begin{array}{ll} \text { Tool } & \mathrm{C} \\ \text { No. } & \mathrm{H} \end{array}$ | Cutting <br> Height | Shank <br> Length | Shank <br> Dia. | Overall <br> Dia. |  |
| 1171 | 1/8" | $5{ }^{\prime \prime}$ | 1/2" | 7/8" | \$22. |
| 1173 | 1/4" | 5" | 1/2" | 7/8" | 25 |

Horizontal Crown Molding, 2-Flute


This bit can also be used with the Legacy Ornamental Mill and/or overhead router to create linear mouldings. It can be used to create turnings between centers on the Legacy Ornamental Mill.

ToolCutting Cove Cutting Shank
No. Dia. Depth Height Dia.

| 5561 1-3/4" | 5/16" | 3/8" | 1/4" | 1-1/2" | \$34.24 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5563 1-3/4" | 5/16" | 3/8" | 1/2" | 1-1/2" | \$36 |
| $55622^{\prime \prime}$ | 3/8" | 5/8" | 1/2" | 1-19/32" | \$38 |
| 5564 2-1/8" | 3/8" | 5/8" | 1/2" | 1-5/8" | \$40.21 |
| 5566 2-1/4" | 3/8" | 5/8" | 1/2" | 1-7/8" | \$42.72 |
| 5565 2-1/2" | 3/8" | 5/8" | 1/2" | 2-1/4" | \$44.32 |
| 5567 2-3/4" | 3/8" | 5/8" | 1/2" | 2-3/4" | \$51.92 |
| 5568 3" | 7/16" | 11/16" | 1/2" | 3-3/16" | \$60.51 |

(TEL) 909-468-5747 (FAX) 909-468-5745


Pattern Extended Shank, 2-Flute

Originally designed for the Legacy Ornamental Milling machine, this bit allows you to follow a template when milling a contoured profile. It works on turnings up to 10 " in diameter, square turnings up to 5 ", and square or flat stock up to 5 " thick. The router follows the template as you make approximately $1 / 4^{\prime \prime}$ deep cuts for 2 to 3 passes. The bearing will follow the previous cut and support the router bit to eliminate chatter. This bit can also be used in a traditional router table like a pattern cutting router bit.
$4-1 / 2^{"}$ shank length is measured from middle of the knife to the end of the shank.

\section*{Tool Cutting Cutting Shank Shank Bearing Price <br> | No. | Dia. | Length | Dia. Length |  |  |
| :--- | :--- | :---: | :--- | :--- | :--- |
| 7621 | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $4-1 / 2^{\prime \prime}$ | BR-04 $\$ 29.19$ |}

This bit can be also used for the Legacy Ornamental Mill. Great for milling $2^{\prime \prime}$ and $3^{\prime \prime}$ diameter balls on posts or large beads on column bases. Can also be used for large diameter rope columns with a very pronounced rope design.

| Tool No. | Cutting Dia. | R. | Price |
| :---: | :---: | :---: | :---: |
| 7592 | $2^{\prime \prime}$ | $1^{\prime \prime}+1 / 16^{\prime \prime}$ | $\$ 44.29$ |
| 7593 | $3^{\prime \prime}$ | $1-1 / 2^{\prime \prime}+1 / 8^{\prime \prime}$ | $\$ 65.68$ |



This bit is designed for the Legacy to create a plunge version of French Provincial (without bearing)

| Tool No. | Cutting Length | R. | Shank Length |  | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3654 | 7/8" | $1 / 2^{\prime \prime}+1^{\prime \prime}+$ | 1/4" | 2" | \$48.00 |
| Reeding Extended Shank, 2-Flute 5" Shank Length |  |  |  |  |  |
| Designed for the Legacy Ornamental machines.. |  |  |  |  |  |
| Note : 5" shank length is measured from middle of the knife to the end of the shank. |  |  |  |  |  |
| Tool No. | Bead Height | Cutting Height | Shank Dia. | R. | Price |
| 7696 | 1/4" | 1 " | 1/2" | 1/8" | \$39.57 |
| 7691 | 3/8" | 1-1/8" | 1/2" | 3/16" | \$43.23 |
| 7692 | 1/2" | 1-1/4" | 1/2" | 1/4" | \$49.13 |
| 7693 | 3/4" | 1-1/2" | 1/2" |  | \$55.06 |
| 7697 | $1{ }^{1 \prime}$ | 1-3/4" | 1/2" | 1/2" | \$62.27 |

Reeding Extended Shank with Bearing 5" Shank Length, 2-Flute

Designed for the Legacy. These bits are for milling reeding columns and spindles up to 8 " in diameter. Extended shaft allow for milling on the side of a larger diameter while following a curved profile.

Note : 5 " shank length is measured from middle of the knife to the end of the shank.

| Tool <br> No. | Bead <br> Height | Shank <br> Dia. | R. | Bearing | Price |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7678 | $3 / 16^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3 / 32^{\prime \prime}$ | BR-05 | $\$ 36.55$ |
| 7676 | $1 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 8^{\prime \prime}$ | BR-05 | $\$ 39.03$ |
| 7671 | $3 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3 / 16^{\prime \prime}$ | BR-05 | $\$ 42.69$ |
| 7672 | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 4^{\prime \prime}$ | BR-05 | $\$ 48.72$ |
| 7675 | $5 / 8^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $5 / 16^{\prime \prime}$ | BR-05 | $\$ 51.49$ |
| 7673 | $3 / 4^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $3 / 8^{\prime \prime}$ | BR-05 | $\$ 55.24$ |

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| Shallow Flute Extended Shank |
| :--- |
| 2-Flute |


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(TEL) 909-468-5747 (FAX) 909-468-5745




Tool No.: RBPANEL
Price: \$639.21 This set includes a total of 12 solid carbide bits as follows: 9492, 2123, 9521, 2130, 2140, 4350, 2152 2162, 2240, 2242, 2246, 7972.


Tool No.: RBCNC
Price: $\$ 657.15$ This set includes a total of 21 router bits as follows 2704 x 2 pcs, 285B x 2 pcs, 2104, 706, 717, 7581 7584, 7551, 7552, 3952, 7503, 7501, 1274, 1278 807, 810, 808, 2681, 2683.


Tool No.: RBPROFESSIONAL Price: \$500.42 This set includes a total of 16 router bits as follows: 2704, 3952, 7581, 7582, 7554, 290, 285B, 283, 708, 807, 810, 3935, 351, 5567, 7676, 7623.

This set of router bit includes 16 of the most commonly used router bits for the Legacy Ornamental Mill. This set of bits will allow you to create a wide variety or turnings featuring beads, coves, rope twist, barley twist, hollow spiral, diamond, pillowed diamond, Joinery, and contoured profiles. It will also allow you to create simple and specialty moldings featuring beads, coves, buttons, denticulation, and rope inlay. There are also bits for rough and finish cuts for surfacing planning and dimension turning or flat stock.


Tool No.: RBPWALLCLOCK Price: \$291.54 This set includes a total of 12 router bits and one $1 / 2$ " to $1 / 4$ " collet reducer as follows: 3961, 805 , 807, 808, 810, 1207, 7502, 7503, 7564, 2104, 265, 285B, SCK14


Use on Woodworking \& Metalworking Tools, any Metals.
dynaGlide Plus will not stain, discolor, or transfer. dynaGLIDE penetrates instantly and dries within minutes, leaving behind extremely tough pressure film. Can be used for storage of tools, all router bearings, table beds, scroll-saw, ban-saw, cutters, lathe tools, all cutting /drilling/routing blades, etc. Will not stain wood or other material.

Replaces all other lubricants for any purpose.
Note : Ground Shipping Only

| Tool No. | Bottle | Price |  |
| :---: | :---: | :---: | :---: |
| A12WT | 10 oz |  | $\mathbf{\$ 1 5 . 9 5}$ |

Spoilboard Surfacing, 2+2 Insert Carbide Knife
Rabbeting Flycutter, Leveler \& Surface Planer
Amana Tool ${ }^{\text {º }}$


RC-2251
Insert router bit complete with two cutting flutes and two up-shear scorers for fast removal of materials over large surface area. The scorer leaves an improved finish at the bottom of the cut. Utilizes 4-sided carbide inserts. Max cutting depth is $1 / 4^{\prime \prime}$.

Perfect for:

- Resurfacing sPoilboards using CNC•2+2 Spoilboards contain two bottom scorers for better performance, finer surface finish and better clearance for $90^{\circ}$ corners.
- Planing large glued-up panels using CNC
- Surfacing and finishing wood using timber slab machines
- Rabbeting and slotting

Designed for planing \& rabbeting the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic
- Fiberboard, Balsa Core, High Density Urethane (HOU Board)
- HDF/LDF, EPoxy (EPoxy Resins), Ultra-High-Molecular-Weigh
- Hardwood/Softwood, Polyethylene (UHMWPE)

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately).

Recommendations: For surfacing solid woods, it is recommended to remove both bottom scorers.
replacement knives: use AMANA HMA-12, HCK-40 for MDF, or use AMANA AMA-12, RCK-70 for general purpose.e.

| Tool No. Cutting Dia. | Cutting <br> Height | Shank Dia. | Overall <br> Length | Price |
| :--- | :---: | :---: | :---: | :--- |
| RC-2251* 2-1/2" | $15 / 32^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-1 / 2^{\prime \prime}$ | $\$ 349.35$ |

* Max 19,000 rpm

Mini Spoilboard Surfacing, 2+2 Insert Carbide Knife Rabbeting Flycutter, Leveler \& Surface Planer

Amana Tool ${ }^{\text {º }}$


RC-2250
Mini design for tight comers. Exclusive carbide grade for highest quality of cut. Mini insert spoilboard surfacing \& rabbeting with scorer utilizes 4-sided carbide inserts. great for cutting tight comers. Features unique $2+2$ insert knife design that contains two cutting flutes and two up-shear scorers, which provide a smoother finish at the bottom of the cut than traditional two-knife style router bits. Max cutting depth is $1 / 4^{\prime \prime}$.

Perfect for:

- Resurfacing spoilboards using CNC
- $2+2$ spoilboards contain two bottom scorers for better performance, finer surface finish and better clearance for $90^{\circ}$ comers
- Planing large glued-up panels using CNC
- Surfacing and finishing wood using timber slab machines
- Rabbeting and slotting

Designed for planing \& rabbeting the following materials:

- MDF, Plywood/Chipboard, Plastic/Acrylic.
- Fiberboard, Balsa Core, HOU Board.
- HDF/LDF, Epoxy (Epoxy Resins\}, UHMWPE
- Hardwood/Softwood

For optimal results and maximum insert life, replace inserts with optional general purpose knives (sold separately). Max. 24,000 rpm.

| Tool No. Cutting Dia. | Cutting <br> Height | Shank Dia. | Overall <br> Length | Price |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| RC-2250* | $1-1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $1 / 2^{\prime \prime}$ | $2-5 / 16^{\prime \prime}$ | $\$ 226.00$ |
| *replacement knives: use AMANA HMA-12, HCK-40 for MDF, or AMA-12, |  |  |  |  |  |
| RCK-70 for general purpose |  |  |  |  |  |


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