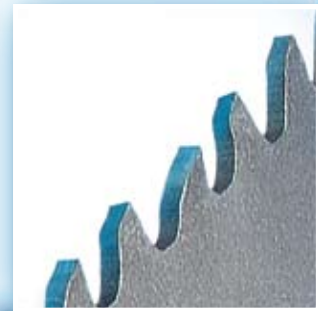




# PRODUCT CATALOG



REVISED 2010

A close-up photograph of a metal bolt and nut assembly. The bolt is on the left, and the nut is on the right. The nut has a white plastic cap on top. The cap has some text on it, including "COX USA 1-3/8". The background is a blurred red and blue surface.

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### HAND TOOLS

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Capone Iron Corporation in Rowley, Massachusetts strives for **CUSTOMER SATISFACTION** and is dedicated to exceeding the expectations of its clients. Several years ago, they decided to switch over to LENOX band saw blades as part of their drive for excellence. Production manager John Streefkerk noticed an immediate difference with the LENOX blades. "We got about 30% **LONGER BLADE LIFE** and cleaner and smoother cuts right away. The LENOX blade also eliminated the high pitched whine that you get from other blades. The decrease in vibration and noise gave us straighter, **MORE ACCURATE** cuts. We like it!"

ARMOR® CT BLACK BAND SAW BLADE, Page 20







LENOX

# SOLUTIONS



**SECONDS COUNT** in fire and rescue. Captain Mike Williamson, Cumberland, BC Fire Rescue, knows firsthand. "Cutting through the metal roof of a car generates a ton of vibration and heat that can quickly dull the blade," he says. "We're running against the clock and don't have time to change a blade after only a few minutes. Several years ago, my team tried out a LENOX Gold® Bi-metal Reciprocating Saw Blade and could feel a difference right away. The LENOX blade doesn't heat up like the other blades and the teeth stay **SHARP**. LENOX blades are up for the challenge."

LENOX T2™ TECHNOLOGY RECIPROCATING SAW BLADES  
A revolutionary new blade design that delivers up to 100% longer blade life and 25% faster performance in metal cutting applications versus the prior generation of LENOX reciprocating saw blades.





# TEAMWORK





Devault Plumbing bears the name of its owner, Jeff Devault. Jeff takes great **PRIDE** in the work he and his seven employees do in residential construction. As a small shop, it's very important for them to have tools that allow them to work efficiently. "The LENOX Mobile Torch System's ability to hold an extra bottle of gas **SAVES US THE TIME** of having to leave the workspace to get more gas. The MTS II has it all in one spot, I always use LENOX because **IT LASTS.**"



MOBILE TORCH SYSTEM II, page 120



# INNOVATION



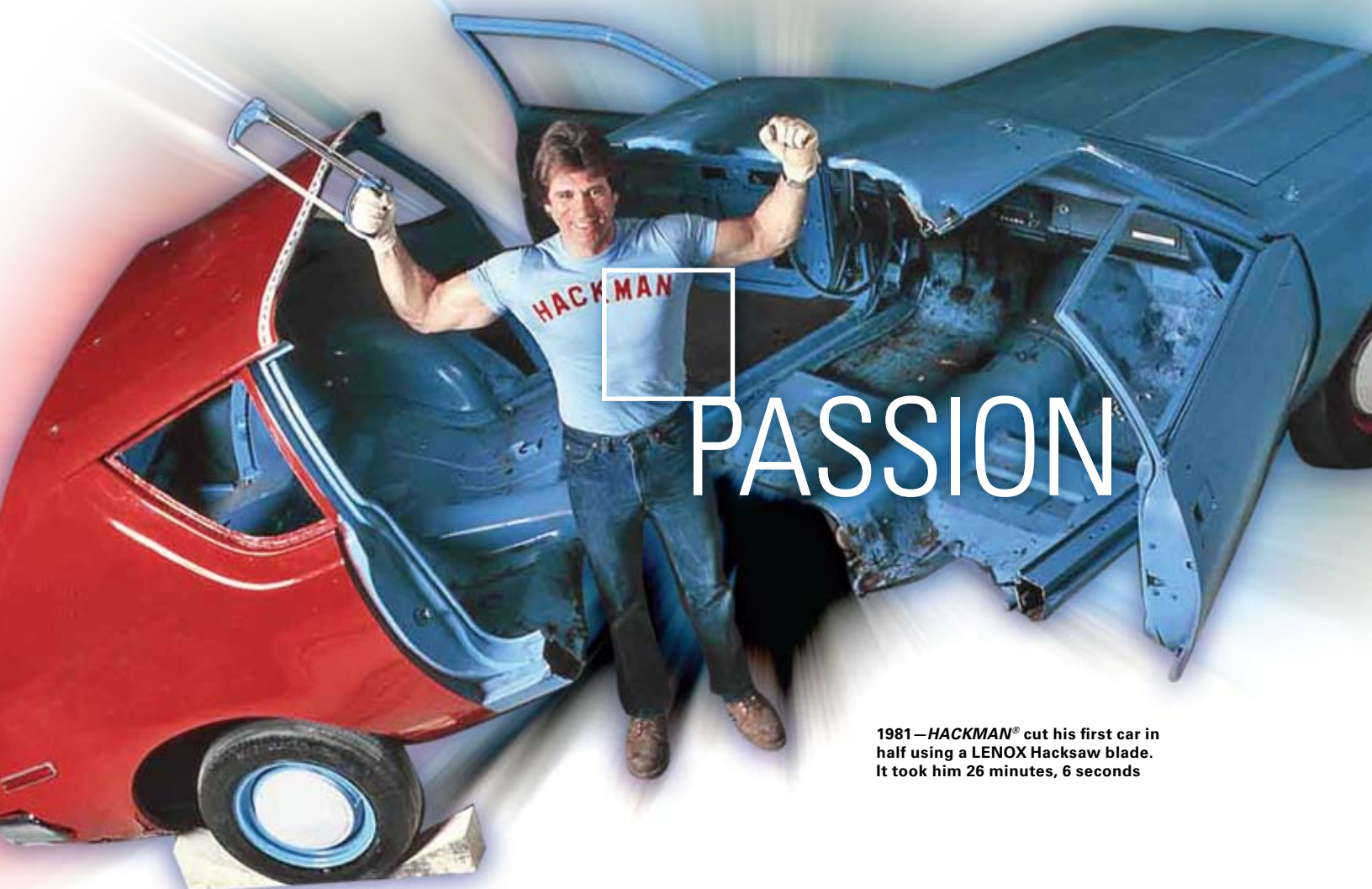


Our factory doesn't just manufacture quality blades. It's also a laboratory packed with all the machines, power tools and hand tools you use on the job—staffed by pros who understand everything you go through. Want to make cutting easier? Just ask—our tech support pros have the answers. They're ready to work with you to provide solutions to help you be more productive and grow business. Need band saw blades? You'll get high-performance blades with the **LOWEST COST PER CUT** in the industry—plus a value-added service that not even LENOX can put a price on. Our exclusive *SAWCALC*® software makes it easy to identify optimum blade and use parameters to maximize performance and minimize expense. Your LENOX Factory-Trained Technical Representative is available to perform a thorough, **13 POINT TUNE-UP**. Every blade will cut smoother, straighter and faster to give you optimized blade and machine performance—and lower costs. Whatever you need to cut—and whatever else you need to do with hand tools or torches—our solutions get it done, quickly, easily and cost-effectively. Put our expertise to work! For tech support, **Call: 800-642-0010 | Fax: 800-265-9221**

A man in a dark suit, white shirt, and patterned tie, wearing safety glasses, is focused on working on a mechanical component. He is using a dial indicator to measure a part of the machinery. The scene is set in a workshop or factory environment. The word "DEDICATION" is overlaid in large white letters across the center of the image. In the foreground, there is a red workbench with various tools, including a blue dial indicator, a yellow-handled tool, and a white electronic device.

# DEDICATION





1981 — **HACKMAN**<sup>®</sup> cut his first car in half using a LENOX Hacksaw blade. It took him 26 minutes, 6 seconds

Can your blades cut a bus? An armored car? An airplane? Reflecting our passion for performance, ours can. We've cut through those and more—in decades of live, **PERFORMANCE PROVING HACKMAN** demonstrations. It all started more than 25 years ago when Lee Breton was asked to cut a car in half as part of a marketing promotion. Since then Lee has traveled the world as **HACKMAN**, demonstrating not only his admirable strength and cutting skill, but also the **SUPERIOR PERFORMANCE** of LENOX products. Today the members of **TEAM HACKMAN**<sup>®</sup> continue the tradition, performing extreme cuttings at tool distributors, job sites and trade shows. Of course the ultimate demonstration of LENOX cutting performance is using LENOX Blades, Tools and Accessories for yourself. Try them and you'll never go back.



## HACKMAN® HIGHLIGHTS



**1984—Oil Tanker**  
26 minutes, 6 seconds



**1985—Cargo Plane**  
24 minutes, 1 second



**1987—31-Ton Box Car**  
1 hour, 14 minutes



**1991—House**  
20 minutes, 40 seconds



**1995—Armored Car**  
31 minutes, 52 seconds



**1999—Bus at  
Super Bowl XXXIII**  
1 hour, 25 minutes



**2009—Police Car**  
2 minutes, 1 second  
East Longmeadow, MA USA



**2009—Double Decker Bus**  
15 minutes, 48 seconds  
Fradley Park, UK



**2009—Jeepney**  
18 minutes, 3 seconds  
Manila, Phillipines



**2009—Zamboni**  
7 minutes, 47 seconds  
Ottawa, Canada

### THE LENOX GUARANTEE

Our products are backed by the LENOX limited warranty. We warrant that our products are free from defects in materials and workmanship and that these products will perform as described under normal use and service. This warranty of quality is valid for 90 days from confirmed date of purchase. Except as expressly set forth herein, LENOX makes no other warranties, express or implied, with regard to products, and expressly disclaims any warranty of fitness for a particular purpose. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Use our products only in accordance with LENOX instructions.

### GENERAL SAFETY TIPS

LENOX is involved in the Voluntary Protection Program (VPP), designed to recognize and promote effective safety and health management. Our employees agree to participate in the program and work with management to assure a safe and healthful workplace under an established set of criteria. Several benefits to the VPP are the motivation to work safely, reduced workers' compensation costs and fewer lost workdays due to injuries. This all results in better quality and productivity.

We are also very concerned for the safety of the people using our products. Here are a few tips to remind you to use all safety measures to avoid any type of injury:

1. Tools can injure – handle with care.
2. When cutting through walls, be sure you're clear of electrical wires behind the wall.
3. Power tools can bind and kick back. Be sure to hold them firmly and keep yourself out of the recoil path.
4. Wear eye protection and other appropriate safety equipment when using tools.
5. Make sure ladders or staging are stable before using.
6. When using drilling accessories, a power tool with a torque limiting device is recommended.
7. Use power tools in accordance with manufacturers' instructions and recommendations for accessories.



### TRADEMARK INFORMATION

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 DURANICKEL, INCOLOY, MONEL and NI-SPAN C are registered trademarks of Inco Alloys International, Inc.  
 RENE 41 is a registered trademark of Teledyne Industries, Inc.  
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 BOSCH is a registered trademark of Robert Bosch Tool Corporation.  
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 NICHOLSON is a registered trademark of Cooper Hand Tools.  
 STARRETT is a registered trademark of the L.S. Starrett Company.



**1915**

LENOX American Saw founded by John Swanson, Carl Ericson and Carl Davis with 10 employees manufacturing Hacksaw Blades on Taylor Street in Springfield, MA



**1941-1971**

George Davis took over as owner and president of LENOX American Saw

**1952**

A second plant was built on Chestnut Street, East Longmeadow, MA



**1959**

Hole Saws added to the product line

**1964**

All LENOX operations moved to its current location in East Longmeadow, MA

**1965**

LENOX began manufacturing Bi-metal Band Saw Blades when the company purchased an electron beam welder to make the Bi-metal; making LENOX a market leader in the Band Saw manufacturing industry



**1977**

First Bi-metal Reciprocating Saw Blade made by Lee HACKMAN® Breton using the same technology used to make Band Saw Blades

**1917**

George Davis hired as the first salesman for LENOX American Saw. His territory included the entire United States

**1918**

Band Saw production begins

**1921**

LENOX contracted a plane to fly from Portland, ME to Daytona, FL advertising LENOX Hacksaw Blades. The plane, painted with the "The Blade in the Plaid Box" paint scheme, dropped circulars as it passed over large cities



**1961**

LENOX began manufacturing Band Saw Blades at the East Longmeadow facility



**1971-1987**

Jim Davis, son of George Davis elected president of the company



## 1987-2003

John Davis, grandson of George Davis, elected president

## 1987

LENOX penetrates the Latin American Market with Band Saw Blades in Mexico and Hand Hacks in Venezuela

## 1986

VARI-BIT® added to the product line



## 1981

HACKMAN® cut his first car in half using a LENOX Hacksaw Blade. It took him 26 minutes, 6 seconds



## 1985

4012 Hacksaw and Carbide Band Saw Blades added to the product line

## 1991

LENOX LEADER® Bits added to the product line



## 1998

LENOX purchases a local Hand Hacksaw and Utility Knife Blade manufacturer and opened LENOX of Brazil

**Newell Rubbermaid**  
Brands That Matter

## 2003

LENOX acquired by Newell Rubbermaid.

## 1996

LENOX achieved ISO 9001 certification making LENOX the first in the blade industry to become certified

## 2005

Torch and Gas added to expand the Hand Tool line with Pipe Wrenches and Tubing Cutters



## 2005

ARMOR® Band Saw Blades added to the product line



## 2004

LENOX Gold® Bi-metal Utility Blade and Knife added to the product line



## 2004

TEAM HACKMAN formed



## 2007

Asia Distribution center opened

## 2006

Asia Pacific headquarters was set up in Shanghai, China



## 2009

Peter Dingeman named LENOX Extra-Mile Hero



## 2009

Q88 Band Saw Blade launched in Asia

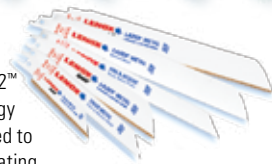
## 2007

Solder and Accessories, Snips, and Bi-metal Drilling Bits and Q Performance Solution™ Band Saw Blades added to the product line



## 2008

LENOX T2™ Technology introduced to Reciprocating Blades



## 2008

Bi-metal Technology added to Drilling products



# HERITAGE

The LENOX brand stands for breakthrough **PERFORMANCE**. It's enabled by uncompromising engineering, top-quality materials and manufacturing excellence—and supported by a team of experts focused 100 percent on your **SUCCESS**. That was true over 90 years ago. It's true today. And it's something you can always count on. Period.





# BAND SAW BLADES

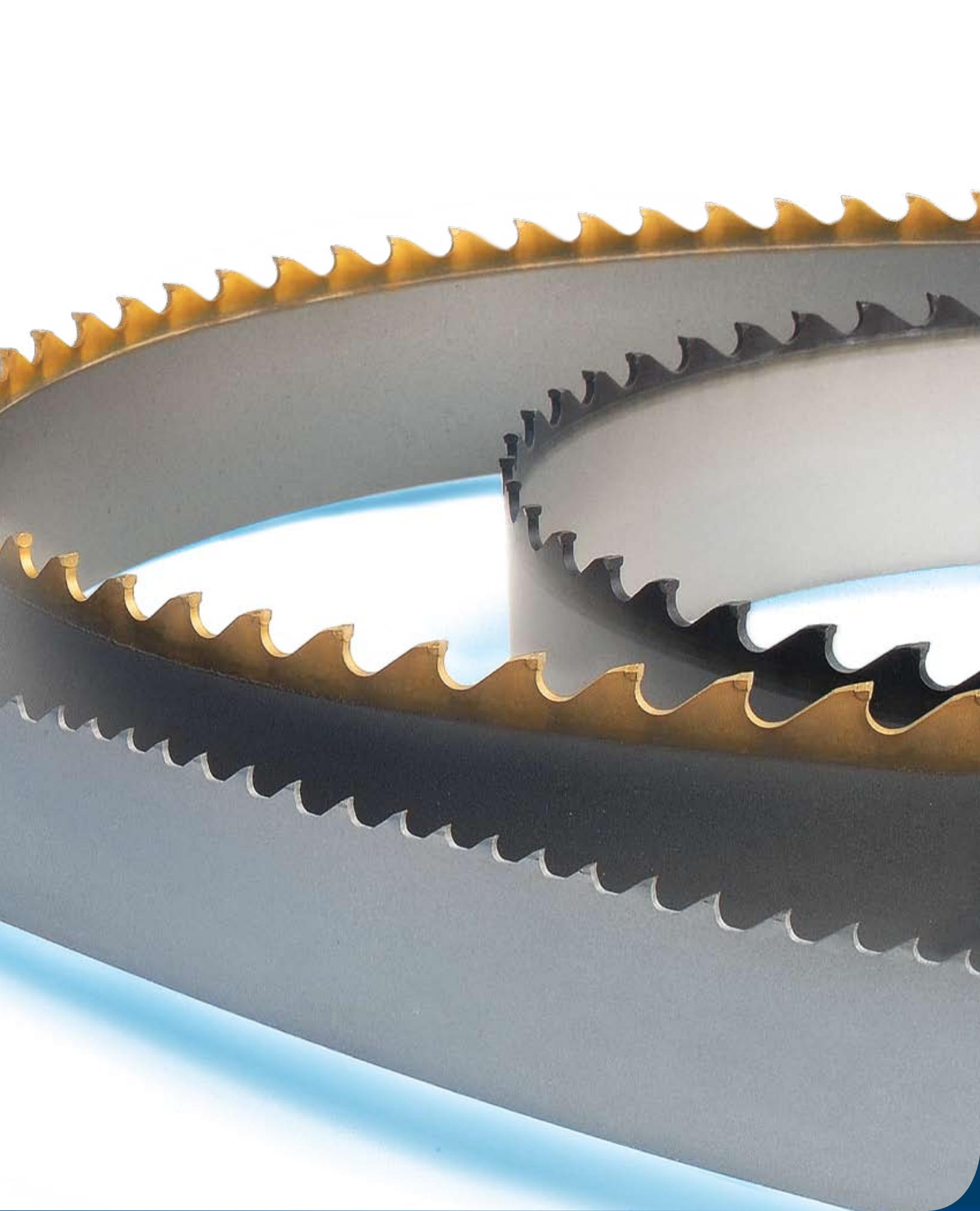
*Carbide Blades | Bi-metal Blades | Carbon Blades | Sawing Fluids*

We're passionate about bringing you maximum cutting performance and value. You can experience the results of that passion—and our nearly 90-year heritage of band saw blade innovation—in every blade we make.

Discover the many ways we go the extra mile to ensure maximum performance. Order a recommended LENOX blade and we guarantee it will outperform your current blade or your money back. It's our **GUARANTEED TRIAL ORDER (GTO)**—ask your LENOX representative for complete details. When your LENOX Factory-Trained Technical Representative performs your thorough, **13 POINT TUNE-UP**, every blade will cut smoother, straighter and faster. You get optimized blade and machine performance—and lower costs.

With our easy-to-use **SAWCALC® SOFTWARE** (Product Number LX00501) you'll quickly learn the blade and tooth specs, speeds and feeds to achieve optimum payback on your sawing investment. Which blade is right for your job? Want to make cutting easier? Just ask—our tech support pros have the answers. See page 8 for information on our **EXPERT TECH SUPPORT**.







From easy-to-cut materials like aluminum or low carbon steel to tough materials like stainless steel and titanium or nickel-based alloys to special applications like tires or case-hardened materials, chances are, there's a LENOX carbide blade that goes the **EXTRA-MILE** to meet your needs perfectly. And not just your performance needs, your economic needs, too—LENOX carbide blades bring you **EXTREME** cutting rates for maximum productivity. And superior blade life that yields a remarkably low cost per cut. We deliver the results you need by using **QUALITY** designs, the finest materials and our proprietary manufacturing process—all backed by our uncompromising support.



*TRI-TECH CT™ BAND SAW BLADE, Page 21*



# CARBIDE BAND SAW BLADES

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<i>LENOX TNT CT</i> <sup>®</sup> & <i>TRI-TECH</i> <sup>™</sup> .....	21
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<i>LENOX HRc</i> <sup>®</sup> & <i>MASTER-GRIT</i> <sup>®</sup> .....	24
Carbide Speed Chart.....	25

## SELECTING CARBIDE TIPPED BAND SAW BLADES

The following information needs to be specified when a band saw blade is ordered:

**Product Name Length x Width x Thickness Teeth Per Inch**  
 For Example: ARMOR® CT BLACK 16' x 1-1/4" x .042" 2.5/3.4 TPI

### STEP #1: ANALYZE THE SAWING APPLICATION

**Machine:** Determine the band size for the machine (Length x Width x Thickness).

**Material:** Find out the following for the material to be cut:

- Material Type/Grade
- Size
- Shape

**Operation:** Is this a production or general purpose sawing operation?

### STEP #2: DETERMINE HIGH PERFORMANCE VS. SPECIAL APPLICATION

Use the charts below.

- Locate the type of material to be cut in the top row.
- Read down the chart to find which blade is recommended.

### STEP #3: DETERMINE THE PROPER NUMBER OF TEETH PER INCH (TPI)

Use the Carbide Tooth Selection chart on page 19.

If having difficulty choosing between two pitches, the coarser of the two will generally give better performance.

When compromise is necessary, choose the correct TPI first. A general rule for bundles: Determine the correct TPI for the largest continuous cross section.

### STEP #4: CONFIRM THE DESIRED PRODUCT IS AVAILABLE

- Go to the product page for the product you have selected.
- Confirm that product is available in the correct blade width and TPI.



### HIGH PERFORMANCE

ALUMINUM/ NON-FERROUS	CARBON STEELS	STRUCTURAL STEELS	ALLOY STEELS	BEARING STEELS	MOLD STEELS	STAINLESS STEELS	TOOL STEELS	TITANIUM ALLOYS	NICKEL-BASED ALLOYS (INCONEL®)
EASY ← MACHINABILITY → DIFFICULT									
<b>ARMOR® CT BLACK</b> Extreme Cutting Rates									
<b>LENOX TNT CT®</b>						<b>LENOX TNT CT</b> Extreme Performance on Super Alloys			
<b>TRI-TECH CT™</b>			<b>TRI-TECH CT</b> Set Style Blade for Difficult to Cut Metals						
<b>TRI-MASTER®</b>			<b>TRI-MASTER</b> Versatile Carbide Tipped Blade						

### SPECIAL APPLICATION

WOOD	COMPOSITES	ALUMINUM (Including Alum. Castings)	CASE HARDENED MATERIALS (Including IHCP Cylinder Shafts)	OTHER (Composites, Tires, etc.)
EASY ← MACHINABILITY → DIFFICULT				
<b>ALUMINUM MASTER™ CT</b> Triple Chip Tooth Design			<b>LENOX HRc</b> Carbide Tipped Blade for Case and Through-Hardened Materials	
<b>LENOX SST CARBIDE™</b> Set Style Tooth Design				
<b>TRI-MASTER</b>				
<b>MASTER-GRIT®</b>			<b>MASTER-GRIT</b> Carbide Grit Edge Blade for Cutting Abrasive and Hardened Materials	

Note: We can provide solutions for many cutting applications not listed here. Please call LENOX Technical Support at 800-642-0010, or consult SAWCALC®.



## CARBIDE TOOTH SELECTION

### ARMOR® CT BLACK

		WIDTH OR DIAMETER OF CUT													
INCHES		1	2.5	3	4	5	6	7	8	10	12	13	15	17	20+
MM		25	60	70	100	120	150	170	200	250	300	330	380	430	500+
														0.6/0.8	
											0.9/1.1TPI				
									1.4/1.6TPI						
						1.8/2.0TPI									
				2.5/3.4TPI											

### LENOX TNT CT®

		WIDTH OR DIAMETER OF CUT																
INCHES		1	2.5	3	4	5	6	7	8	10	12	13	15	16	17	18	20	34+
MM		25	60	70	100	120	150	170	200	250	300	330	380	410	430	460	500	865
																	0.6/0.8	
												0.9/1.1TPI						
								1.4/1.8TPI										
					1.8/2.0TPI													
				2.5/3.4TPI														

### TRI-TECH CT™

		WIDTH OR DIAMETER OF CUT													
INCHES		1	2.5	3	4	5	6	7	8	10	12	13	15	17	20+
MM		25	60	70	100	120	150	170	200	250	300	330	380	430	500+
														0.6/0.8TPI	
													0.9/1.1TPI		
										1.4/1.8TPI					
						1.8/2.0TPI									
					2.5/3.4TPI										

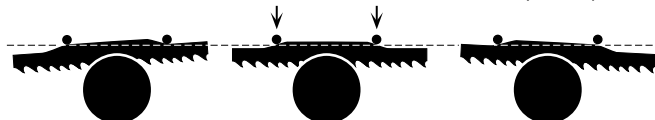
### TRI-MASTER® • LENOX HRC® • ALUMINUM MASTER™ CT • LENOX SST CARBIDE™

		WIDTH OR DIAMETER OF CUT													
INCHES		1	2.5	3	4	5	6	7	8	10	12	13	15	17	20
MM		25	60	70	100	120	150	170	200	250	300	330	380	430	500
												1.2/1.8TPI			
										1.5/2.3TPI					
				2/3TPI											
			3TPI												
		3/4TPI													

Note: Aluminum and other soft materials cut on machines with extremely high band speed may change your tooth selection. Please call LENOX Technical Support at 800-642-0010 for more information or consult SAWCALC®.

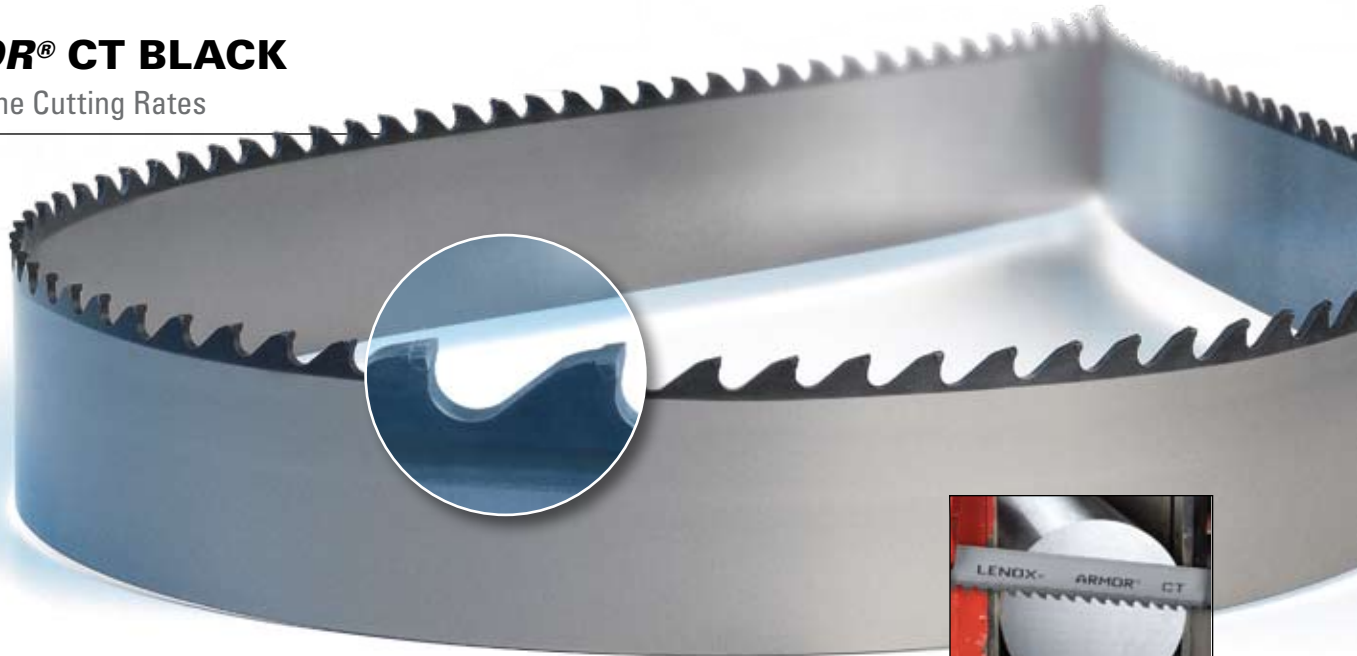
## WHAT IS MERCURIZATION?

This enhanced mechanical design promotes more efficient tooth penetration and chip formation, easily cutting through the work hardened zone. The MERCURIZED symbol denotes any product that can be MERCURIZED. Consult your LENOX Technical Representative to determine if MERCURIZATION will benefit your operation.



### ARMOR® CT BLACK

For Extreme Cutting Rates



#### ALTiN ARMOR FOR SPEED AND PRODUCTIVITY

Aluminum, Titanium and Nitrogen combine to form a coating that is hard and tough, protecting each tooth from heat and wear with an armor-like barrier

#### ARMOR ALLOWS FOR LOW THERMAL CONDUCTIVITY

Forces heat into the chips rather than the blade or workpiece

#### HIGH QUALITY, MICRO-GRAINED CARBIDE

Tailored to cut a wide range of materials

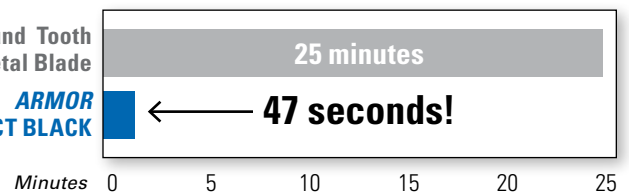
#### HIGH PERFORMANCE BACKING STEEL

Excellent fatigue life

### EXTREME CUTTING RATES!

Ground Tooth  
Bi-metal Blade

**ARMOR  
CT BLACK**



Material: 6-1/2" (152mm) Round 17-4 PH Stainless Steel  
Based on internal test results.

WIDTH x THICKNESS		TPI				
IN	MM	0.6/0.8	0.9/1.1	1.4/1.6	1.8/2.0	2.5/3.4
1-1/4 x .042	34 x 1.07				•	•
1-1/2 x .050	41 x 1.27			•	•	•
2 x .063	54 x 1.60		•	•	•	•
2-5/8 x .063	67 x 1.60	•	•	•	•	
3 x .063	80 x 1.60	•	•			

• New Specs



APPLICATION	Materials
	Carbon Steels
	Alloy Steels
	Bearing Steels
	Stainless Steels
	Mold Steels
	Tool Steels
	Titanium Alloys
	Structural Steels





*"The performance on the blade is excellent!  
We have not seen another blade match it.  
Since we've switched, the life of the blade  
has increased significantly!"*

-MATT WILLIAMS, WAREHOUSE SUPERVISOR  
STEEL SERVICES CENTER, PACIFIC NORTHWEST

## CARBIDE BAND SAW BLADES

### LENOX TNT CT®

Extreme Performance on Super Alloys

#### HIGH PERFORMANCE CARBIDE AND SPECIAL GROUND TOOTH FORM

Superior wear resistance when sawing difficult to cut materials

#### HIGH PERFORMANCE BACKING STEEL

Excellent fatigue life



WIDTH x THICKNESS		TPI				
IN	MM	0.6/0.8	0.9/1.1	1.4/1.8	1.8/2.0	2.5/3.4
1-1/4 x .042	34 x 1.07				•	•
1-1/2 x .050	41 x 1.27		•	•	•	•
2 x .063	54 x 1.60		•	•	•	•
2-5/8 x .063	67 x 1.60	•	•		•	•
3 x .063	80 x 1.60	•	•			

• New Specs



APPLICATION	APPLICATION	
	Nickel-Based Alloys (Inconel®)	Titanium Alloys
Stainless Steels	Aluminum/Non-Ferrous	
Tool Steels		



### TRI-TECH CT™

Set Style Carbide Blade for Difficult to Cut Metals

#### STRAIGHT CUTS. NO PINCHING.

Set style tooth pattern eliminates pinching in high stress metals

Wide kerf clearance enables plunge cutting

#### PROLONGED BLADE LIFE

High grade carbide tips are precision ground for efficient cutting

High performance backing steel minimizes body breakage

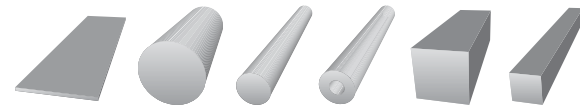
#### EXTREME VERSATILITY

Cuts a range of materials from high strength steels to Nickel-based alloys

WIDTH x THICKNESS		TPI				
IN	MM	0.6/0.8	0.9/1.1	1.4/1.8	1.8/2.0	2.5/3.4
1-1/4 x .042	34 x 1.07				•	•
1-1/2 x .050	41 x 1.27			•	•	•
2 x .063	54 x 1.60		•	•	•	•
2-5/8 x .063	67 x 1.60	•	•	•		
3 x .063	80 x 1.60	•	•			



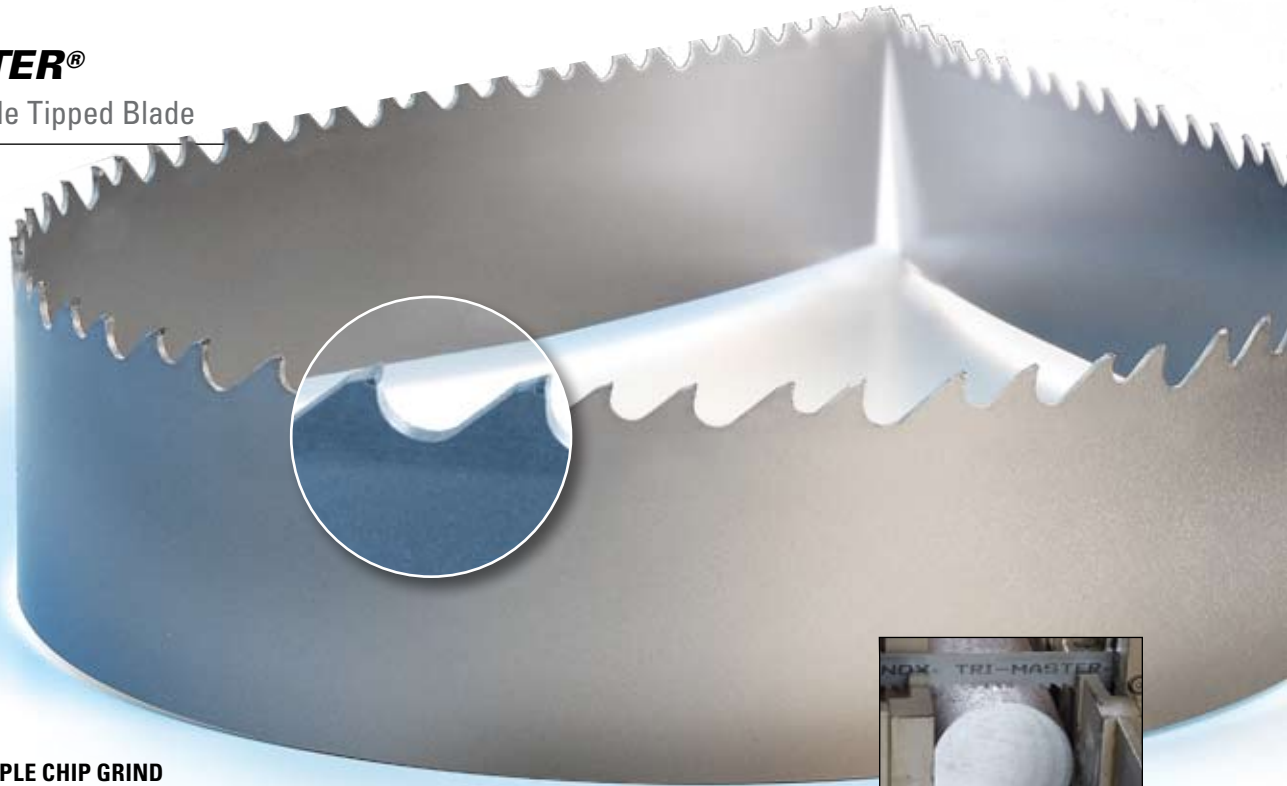
APPLICATION	APPLICATION	
	Nickel-based Alloys (Inconel)	Stainless Steel
Iron Based Super Alloys	Mold and Tool Steels	
Titanium Alloys	Aluminum/Non-Ferrous	
High Chrome Alloys		





### TRI-MASTER®

Versatile Carbide Tipped Blade



**PRECISION TRIPLE CHIP GRIND**

Smooth cuts, excellent finish

**HIGH PERFORMANCE BACKING STEEL**

Excellent fatigue life

**GENERAL PURPOSE BLADE**

Perfect for cutting of a wide variety of materials

TOOTH FORM WIDTH x THICKNESS		VARI-TOOTH® TPI				STANDARD TPI
IN	MM	1.2/1.8	1.5/2.3	2/3	3/4	3
3/8 x .032	9.5 x 0.80				•	•
1/2 x .025	12.7 x 0.64					•
3/4 x .035	19 x 0.90					•
1 x .035	27 x 0.90			•	•	•
1-1/4 x .042	34 x 1.07		•	•	•	•
1-1/2 x .050	41 x 1.27	•		•	•	•
2 x .063	54 x 1.60	•		•		
2-5/8 x .063	67 x 1.60	•				
3 x .063	80 x 1.60	•				

APPLICATION	
Aluminum/ Non-Ferrous	Mold Steels
Carbon Steels	Tool Steels
Alloy Steels	Wood
Bearing Steels	Titanium Alloys
Stainless Steels	Nickel-Based Alloys (Inconel®)



## ALUMINUM MASTER™ CT

Triple Chip Tooth Design

**HIGH QUALITY SUB MICRO-GRAINED CARBIDE**

Extreme wear resistance

**TRIPLE CHIP TOOTH GEOMETRY**

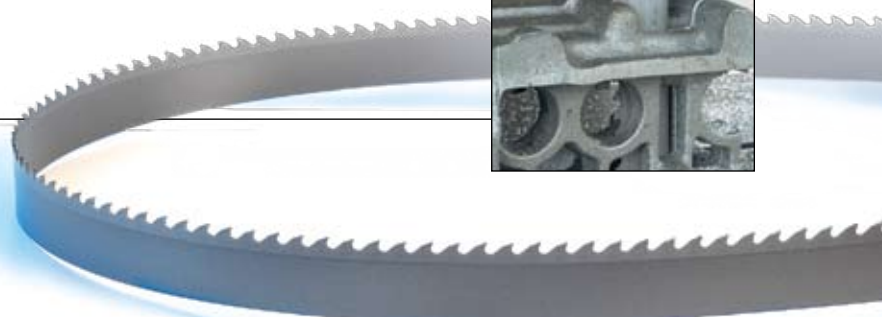
Fast cutting, ease of feed, great finish

**HIGH PERFORMANCE BACKING STEEL**

Excellent fatigue life

**AGGRESSIVE RAKE ANGLE AND THIN KERF**

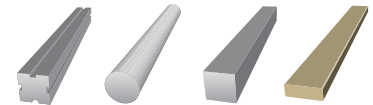
Feeds with less force in hand-fed applications



TOOTH FORM WIDTH X THICKNESS		VARI-TOOTH® TPI 2/3	STANDARD TPI 3
IN	MM		
3/4 x .035	19 x 0.90		•
1 x .035	27 x 0.90		•
1-1/4 x .042	34 x 1.07		•
1-1/2 x .050	41 x 1.27	•	

APPLICATION

Aluminum/  
Non-Ferrous  
Wood  
Other



## LENOX SST CARBIDE™

Set Style Tooth (SST) Design

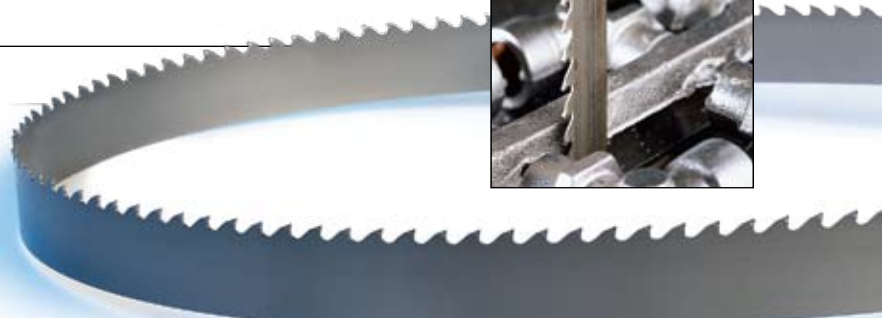
**HIGH QUALITY SUB MICRO-GRAINED CARBIDE**

Extreme wear resistance

**SET STYLE TOOTH GEOMETRY**

Regularly outperforms the competition

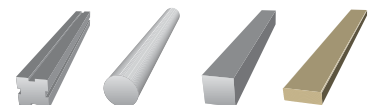
**IMPROVED DURABILITY IN HAND-FED  
AND CONTOUR CUTTING APPLICATIONS**



TOOTH FORM WIDTH X THICKNESS		STANDARD TPI 3
IN	MM	
3/4 x .035	19 x 0.90	•
1 x .035	27 x 0.90	•

APPLICATION

Aluminum/  
Non-Ferrous  
Wood  
Other



### LENOX HRC®

Carbide Tipped Blade for Case and Through-Hardened Materials

**HIGH QUALITY, MICRO-GRAINED CARBIDE**

Outstanding durability

**STRONG TOOTH DESIGN**

Superior edge strength and strip resistance

**NEW HIGH PERFORMANCE BACKING STEEL**

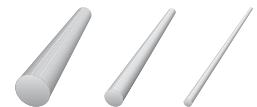
Excellent fatigue life

**REPLACES ABRASIVE CUT-OFF OPERATIONS**



TOOTH FORM WIDTH x THICKNESS		VARI-TOOTH® TPI		STANDARD TPI
IN	MM	2/3	3/4	3
1 x .035	27 x 0.90			•
1-1/4 x .042	34 x 1.07		•	•
1-1/2 x .050	41 x 1.27		•	
2 x .063	54 x 1.60	•		

<b>APPLICATION</b>	Carbon Steels
	Stainless Steels
	Case Hardened
	Materials



### MASTER-GRIT®

Carbide Grit Edge Blade for Cutting Abrasive and Hardened Materials

**TUNGSTEN CARBIDE PARTICLE GRIT**

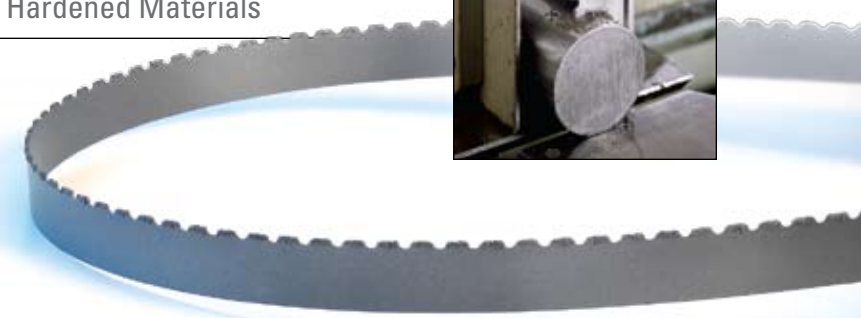
Metallurgically bonded edge

**GULLETED**

For applications greater than 1/4"(6.4mm) in cross-section

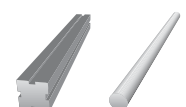
**CONTINUOUS**

For applications less than 1/4"(6.4mm) in cross-section



GRIT EDGE PREPARATION WIDTH x THICKNESS		GULLETED			CONTINUOUS	
IN	MM	Med	Med-Coarse	Coarse	Med	Coarse
1/4 x .020	6.4 x 0.50				•	
3/8 x .025	9.5 x 0.64	•	•			
1/2 x .025	12.7 x 0.64	•	•		•	
3/4 x .032	19 x 0.80		•	•		
1 x .035	27 x 0.90		•	•	•	•
1-1/4 x .042	34 x 1.07			•		

<b>APPLICATION</b>	Case Hardened Materials
	Other:
	Fiberglass, Steel Belted Radial Tires, Composites





**CARBIDE SPEED CHART**

FPM = Feet Per Minute | MPM = Meters Per Minute \*For metal cutting saws run between 275 and 350 FPM. \*\*Typically for hardened and case hardened carbon steels up to 61 Rc.

MATERIALS		ARMOR® CT BLACK		LENOX TNT CT®		TRI-TECH™		TRI-MASTER®		ALUMINUM MASTER™ CT		LENOX SST CARBIDE™		LENOX HRC®	
TYPE	GRADE	FPM	MPM	FPM	MPM	FPM	MPM	FPM	MPM	FPM	MPM	FPM	MPM	FPM	MPM
Aluminum Alloys	2024, 5052, 6061, 7075			3,500-8,500*	1000-2600	3,500 - 8,500	1,000 - 2,600	3,500-8,500*	1000-2600	3,500-8,500*	1000-2600	3,500-8,500*	1000-2600		
Copper Alloys	CDA 220 CDA 360 Cu Ni (30%) Be Cu			240 300 220 180	75 90 65 55	240 300 220 180	73 91 67 55	210 295 200 160	65 90 60 50	210 295 200 160	65 90 60 50	210 295 200 160	65 90 60 50	280	85
Bronze Alloys	AMPCO 18 AMPCO 21 AMPCO 25 Leaded Tin Bronze Al Bronze 865 Mn Bronze 932 937			205 180 115 300 200 220 300 300	60 55 35 90 60 65 90 90	205 180 115 300 180 220 300 300	62 55 35 91 55 67 280 91	180 160 110 290 150 215 280 250	55 50 35 90 45 65 85 75	180 160 110 290 150 215 280 250	55 50 35 90 45 65 85 75	180 160 110 290 150 215 280 250	55 50 35 90 45 65 85 75		
Brass Alloys	Cartridge Brass Red Brass (85%) Naval Brass			260 230	80 70	240 230	73 70	220 200	65 60					220 200	65 60
Leaded, Free Machining Low Carbon Steels	1145 1215 12L14	370 425 450	115 130 135			290 325 350	88 99 107	290 325 350	90 100 105						
Structural Steel	A36	350	105												
Low Carbon Steels	1008, 1018 1030	310 290	95 90			250 240	76 73	250 240	75 75					270** 250**	80 75
Medium Carbon Steels	1035 1045	285 275	85 85			230 220	70 67	230 220	70 65					240** 230**	75 70
High Carbon Steels	1060 1080 1095	260 250 240	80 75 75											200** 195** 185**	60 60 55
Mn Steels	1541 1524	260 240	80 75												
Cr-Mo Steels	4140 41L50 4150H	300 310 290	90 95 90			220 250	67 76								
Cr Alloy Steels	6150 52100 5160	315 300 315	95 90 95			190 190	58 58								
Ni-Cr-Mo Steels	4340 8620 8640 E9310	300 310 305 315	90 95 95 95			190 190	58 58								
Low Alloy Tool Steel	L-6	300	90	240	75	240	73	190	60						
Water-Hardening Tool Steel	W-1	300	90	240	65	220	67	175	55						
Cold-Work Tool Steel	D-2	240	75	210	65	210	64	170	50						
Air-Hardening Tool Steels	A-2 A-6 A-10	270 240 190	80 75 60	230 220 160	70 65 50	230 220 160	70 67 49	185 175 130	55 55 40						
Hot Work Tool Steels	H-13 H-25	240 180	75 55	220 150	55 45	220 150	67 46	175 120	55 35						
Oil-Hardening Tool Steels	O-1 O-2	260 240	80 75	240 220	75 65	240 220	73 67	190 175	60 55						
High Speed Tool Steels	M-2, M-10 M-4, M-42 T-1 T-15	140 130 120 100	45 40 35 30	110 105 100 80	35 30 30 25	110 105 100 80	34 32 30 24	90 85 80 65	25 25 25 20						
Mold Steels	P-3 P-20	300 280	90 85	200 160	60 50	200 160	61 49	160 130	50 40						
Shock Resistant Tool Steels	S-1 S-5, S-7	220 200	65 60												
Stainless Steels	304 316 410, 420 440A 440C	260 240 290 250 240	80 75 90 75 75	220 180 250 200 200	65 55 75 60 60	190 180 250 200 200	58 55 76 61 61	155 125 175 140 140	45 40 55 45 45					220 180 250 200 200	65 55 75 60 60
Precipitation Hardening Stainless Steels	17-4 PH 15-5 PH	300 300	90 90	160 140	50 45	160 160	49 49	110 100	35 30					160 140	50 45
Free Machining Stainless Steels	420F 301	340 320	105 100	270 230	80 70	270 230	82 70	190 160	60 50					270 230	80 70
Nickel Alloys	Monel® K-500 Duranickel® 301			90 80	25 25	90 80	27 24	90 80	25 25						
Iron-Based Super Alloys	A286, Incoloy® 825 Incoloy 600 Pyromet® X-15			80 75 90	25 25 25	105 85 90	32 26 27	80 75 90	25 25 25						
Nickel-Based Alloys	Inconel® 600, Inconel 718 Nimonic® 90 NI-SPAN-C® 902, RENE® 41 Inconel® 625 Hastalloy B, Waspalloy Nimonic® 75, RENE® 88			85 85 115 75 75	25 25 35 25 25	105 100 105 100 105	32 30 32 30 32	85 85 115 75 75	25 25 35 25 25						
Titanium Alloys	CP Titanium Ti-6Al-4V	230 230	70 70	180 180	55 55	180 180	55 55	150 150	45 45						
Cast Irons	A536 (60-40-18) A536 (120-90-02) A48 (Class 20) A48 (Class 40) A48 (Class 60)	360 175 250 160 115	110 55 75 50 35												



The principle of bi-metal band saw blades is simple: strong, flexible backing steel to fight blade breakage plus high speed steel cutting tips for excellent cutting endurance. Bringing you the **BEST** bi-metal band saw blades requires LENOX technology and top quality materials. For optimum results, we weld our own bi-metal composite material. And we leverage more than 90 years of experience to optimize our heat treating for **MAXIMUM** performance. There's a full range of choices to match what you're cutting—and every one brings you great **VALUE**. Need a recommendation? Just contact LENOX Technical Support, 800-642-0010.



*CONTESTOR GT*® page 32



# BI-METAL BAND SAW BLADES

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## SELECTING BI-METAL BAND SAW BLADES

The following information needs to be specified when a band saw blade is ordered:

**Product Name Length x Width x Thickness Teeth Per Inch**

For Example: *CONTESTOR GT® 16' x 1-1/4" x .042" 3/4 TPI*

### STEP #1: ANALYZE THE SAWING APPLICATION

**Machine:** Determine the band size for the machine (Length x Width x Thickness).

**Material:** Determine the following for the material to be cut:

- Material Type/Grade
- Size
- Shape
- Will material be stacked/bundled, or cut one at a time?

**Operation:** Is this a production, or general purpose sawing operation?

### STEP #2: DETERMINE THE BEST PRODUCT FOR THE APPLICATION

Use the charts below.

- Locate the type of material to be cut in the top row.
- Read down the chart to find which blade is recommended.

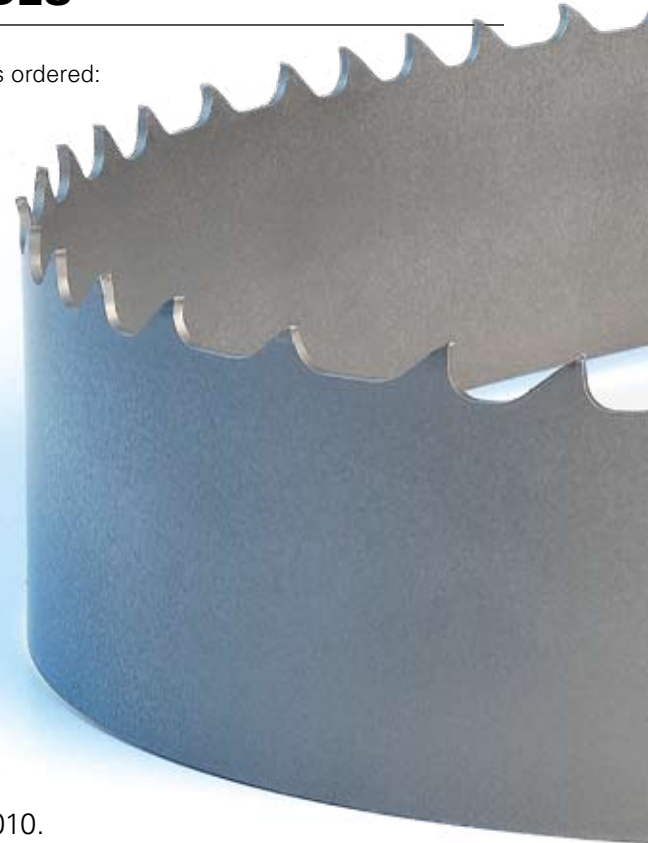
### STEP #3: DETERMINE THE PROPER NUMBER OF TEETH PER INCH (TPI)

Use the Bi-metal Tooth Selection chart on page 29.

### STEP #4: CONFIRM THE DESIRED PRODUCT IS AVAILABLE

- Go to the product page for the product you have selected.
- Confirm that product is available in the correct blade width and TPI.

For assistance contact LENOX Technical Support 800-642-0010.



### BI-METAL PRODUCT SELECTION

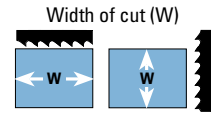
	ALUMINUM NON-FERROUS	CARBON STEELS	STRUCTURAL STEELS	ALLOY STEELS	BEARING STEELS	MOLD STEELS	TOOL STEELS	STAINLESS STEELS	TITANIUM ALLOYS	NICKEL-BASED ALLOYS (INCONEL®)	
	EASY ←				MACHINABILITY				→ DIFFICULT		
PRODUCTION SAWING							QGT™ Longest Life. Straight Cuts.				
	QXP™			QXP Long Life. Fast Cutting.							
							CONTESTOR GT Long Life. Straight Cuts.				
	LENOX LXP®			LENOX LXP Fast Cutting.							
	ARMOR Rx®+ Long Life. Structurals/Bundles.										
LENOX Rx®+ Structurals/ Bundles.											
GENERAL PURPOSE	LENOX CLASSIC® 3/4" and Wider Blades.							LENOX CLASSIC			
	DIEMASTER 2® 1/2" and Narrower Blades.							DIEMASTER 2			

## BI-METAL TOOTH SELECTION

1. Determine size and shape of material to be cut.
2. Identify chart to be used (square solids, round solids, or tubing/structurals).
3. Read teeth per inch next to material size.

### SQUARE/RECTANGLE SOLID

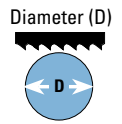
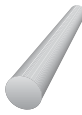
Locate width of cut (W)



		WIDTH OF CUT																			
IN	.1	.2	.3	.4	.5	.6	.7	.8	.9	1	2	5	10	15	20	25	30	35	40	45	50
MM	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	50	125	250	375	500	625	750	875	1000	1125	1250
TPI	14/18	10/14	8/12	6/10	6/8	5/8	4/6	3/4	2/3	1.5/2.0	1.4/2.0	1.0/1.3	0.7/1.0								

### ROUND SOLID

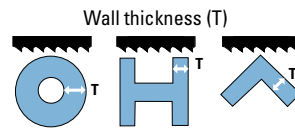
Locate diameter of cut (D)



		DIAMETER OF CUT																			
IN	.1	.2	.3	.4	.5	.6	.7	.8	.9	1	2	5	10	15	20	25	30	35	40	45	50
MM	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	50	125	250	375	500	625	750	875	1000	1125	1250
TPI	14/18	10/14	8/12	6/10	6/8	5/8	4/6	3/4	2/3	1.5/2.0	1.4/2.0	1.0/1.3	0.7/1.0								

### TUBING/PIPE/STRUCTURALS

Locate wall thickness (T)



		WALL THICKNESS																
IN	.05	.10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	1	1.5	2			
MM	1.25	2.5	3.75	5	6.25	7.5	10	12.5	15	17.5	20	22.5	25	37.5	50			
TPI	14/18	10/14	8/12	6/10	6/8	5/8	4/6	3/4	2/3									

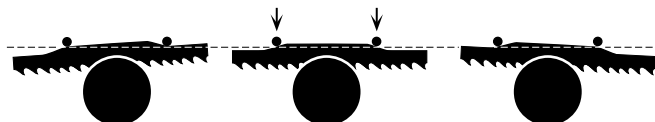
### BUNDLED/STACKED MATERIALS:

To select the proper number of teeth per inch (TPI) for bundled or stacked materials, find the recommended TPI for a single piece and choose one pitch coarser to cut the bundle



## WHAT IS MERCURIZATION?

This enhanced mechanical design promotes more efficient tooth penetration and chip formation, easily cutting through the work hardened zone. The MERCURIZED symbol denotes any product that can be MERCURIZED. Consult your LENOX Technical Representative to determine if MERCURIZATION will benefit your operation.





**Q PERFORMANCE SOLUTION**  
FOR LONG BLADE LIFE.

**FOR LONG  
BLADE LIFE**



The LENOX Q PERFORMANCE SOLUTION Band Saw Blades combine advanced, proprietary backing steel preparation with precision-crafted cutting surfaces for increased fatigue life and consistent smooth, quiet cutting performance.

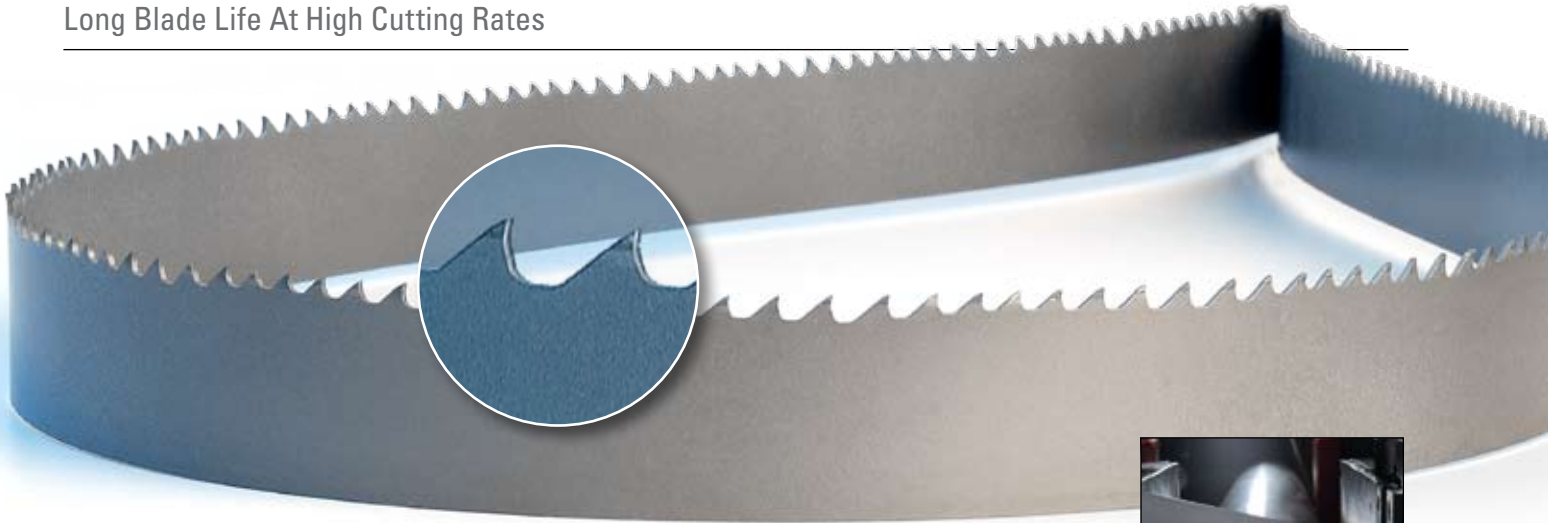
**LONG LIFE. SMOOTH CUTTING.**  
**BLADE AFTER BLADE. GUARANTEED.\***

\*The recommended Q Performance Solution Blade will outperform your current product or your money back. Contact your LENOX Technical Sales Representative for more information.



**QXP™**

Long Blade Life At High Cutting Rates



**LONG LIFE. FAST CUTTING**

Solids of mild to moderate machinability  
 Proprietary backing steel preparation provides increased fatigue life

**PENETRATES WITH LESS FEED FORCE**

Extreme positive rake tooth form

**INCREASED CUTTING RATES**

Deep gullet design

WIDTH x THICKNESS		TPI					
IN	MM	1.0/1.3	1.5/2.0	2/3	3/4	4/6	5/8
1 x .035	27 x 0.90			◆	◆	◆	◆
1-1/4 x .042	34 x 1.07		◆	◆	◆	◆	◆
1-1/2 x .050	41 x 1.27		◆	◆	◆	◆	
2 x .063	54 x 1.60	◆	◆	◆	◆	◆	
2-5/8 x .063	67 x 1.60	◆	◆	◆	◆		
3 x .063	80 x 1.60	◆					

◆ New Specs

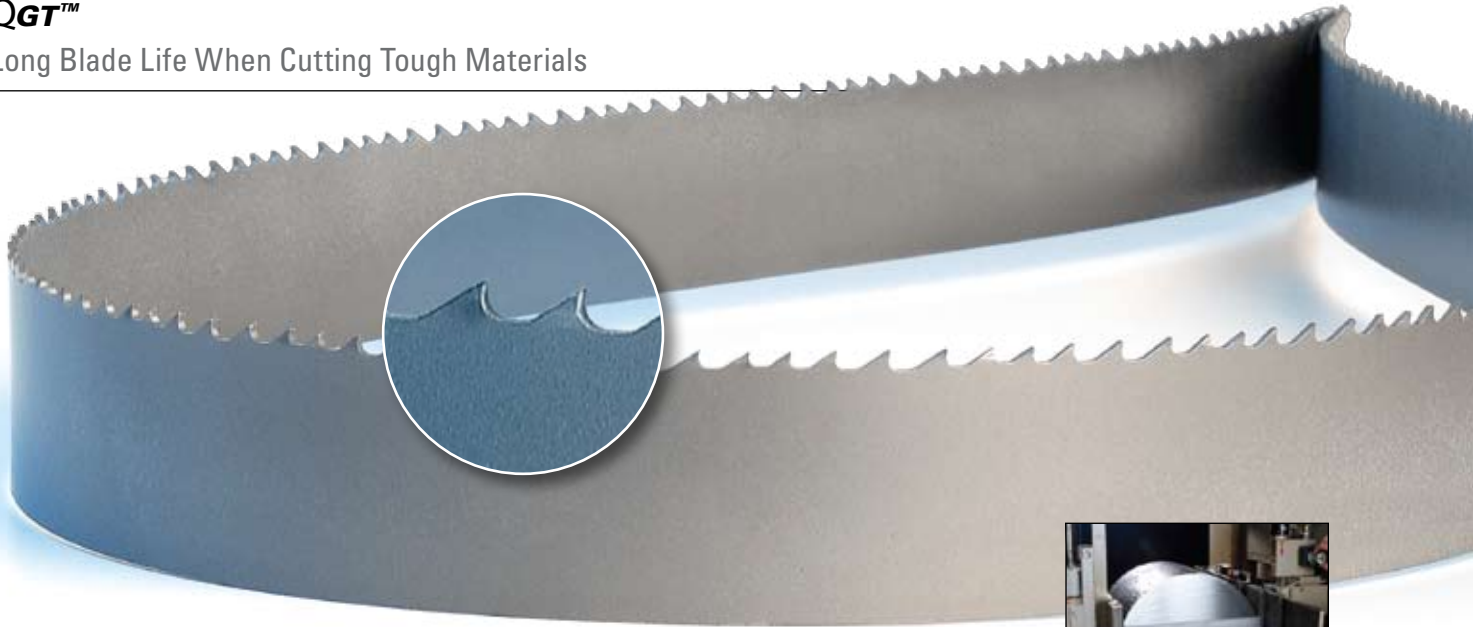


APPLICATION	APPLICATION	
	Aluminum/ Non-Ferrous	Bearing Steels
Carbon Steels	Mold Steels	
Alloy Steels	Stainless Steels	
	Tool Steels	



### QGT™

Long Blade Life When Cutting Tough Materials



**LONG LIFE. STRAIGHT CUTTING**

Solids of moderate to difficult machinability  
 Proprietary backing steel preparation provides increased fatigue life

**OPTIMUM CHIP FORMATION IN WORK HARDENING MATERIALS**

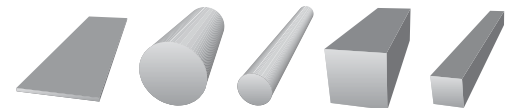
Special set and tooth profile

**MAXIMUM BEAM STRENGTH FOR STRAIGHTER CUTTING**

Modified gullet design

WIDTH x THICKNESS		TPI			
IN	MM	1.0/1.3	2/3	3/4	4/6
1-1/4 x .042	34 x 1.07		◆	◆	◆
1-1/2 x .050	41 x 1.27		◆	◆	
2 x .063	54 x 1.60	◆	◆	◆	
2-5/8 x .063	67 x 1.60	◆			
3 x .063	80 x 1.60	◆			

APPLICATION	APPLICATION	
	Mold Steels Stainless Steels Tool Steels	Titanium Alloys Nickel-Based Alloys (Inconel®)



**CONTESTOR GT®**  
High Performance Sawing



**STRAIGHTER CUTS ON LARGER, DIFFICULT TO CUT MATERIALS**

Unique gullet design for increased beam strength

**OPTIMUM CHIP FORMATION IN WORK HARDENING ALLOYS**

Precision ground teeth—smoother tooth face and gullet surfaces

Patented special set and tooth profile

**IMPROVED LIFE WITH OPTIONAL M-51 EDGE MATERIAL**

Increased heat and wear resistance

Available as listed below

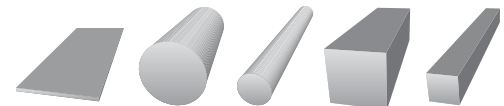
WIDTH x THICKNESS		TPI					
IN	MM	0.7/1.0	1.0/1.3	1.4/2.0	2/3	3/4	4/6
1 x .035	27 x 0.90				•	•	•
1-1/4 x .042	34 x 1.07			◆	◆	◆	◆
1-1/2 x .050	41 x 1.27		◆	◆	◆■	◆■	◆
2 x .050	54 x 1.27		◆	◆	◆	◆	
2 x .063	54 x 1.60	◆	◆	◆	◆■	◆	◆
2-5/8 x .063	67 x 1.60	◆	◆■	◆■	◆	◆	◆
3 x .063	80 x 1.60	◆	◆	◆			

APPLICATION

Mold Steels  
Stainless Steels  
Tool Steels

Titanium Alloys  
Nickel-Based  
Alloys (Inconel®)

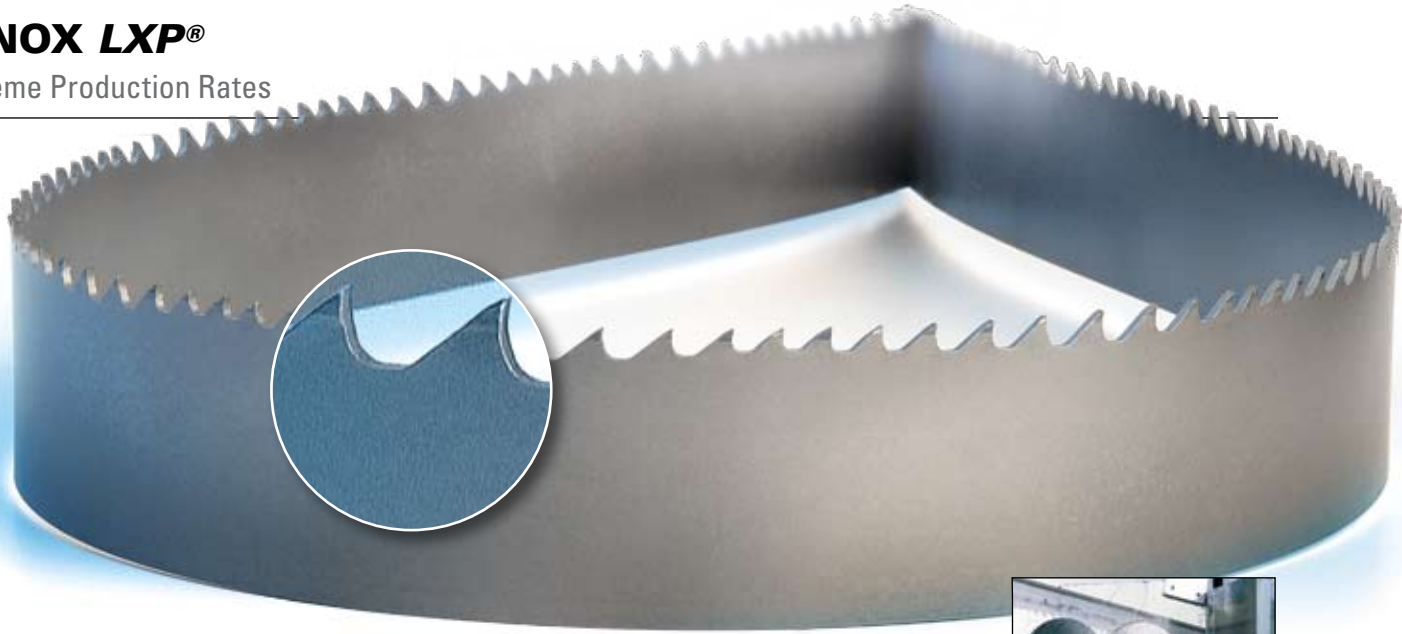
- = Milled tooth
- ◆ = Ground tooth
- = Available with M-51 edge





### LENOX LXP®

Extreme Production Rates



#### FASTER CUTTING OF SOLID MATERIALS

Extreme positive rake tooth form for easier penetration  
 Deep gullets for improved chip carrying capacity with less feed force

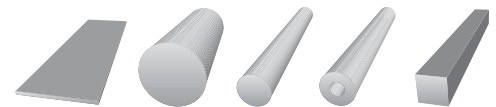


WIDTH x THICKNESS		TPI					
IN	MM	1.0/1.3	1.5/2.0	2/3	3/4	4/6	5/8
3/4 x .035	19 x 0.90					◆	
1 x .035	27 x 0.90			◆	◆	◆	◆
1-1/4 x .042	34 x 1.07		◆	◆	◆	◆	◆
1-1/2 x .050	41 x 1.27		◆	◆	◆	◆	
2 x .063	54 x 1.60	◆	◆	◆	◆	◆	
2-5/8 x .063	67 x 1.60	◆	◆	◆	◆		
3 x .063	80 x 1.60	◆					

APPLICATION

Aluminum/  
 Non-Ferrous  
 Carbon Steels  
 Alloy Steels  
 Bearing Steels

Mold Steels  
 Stainless Steels  
 Tool Steels



# ARMOR Rx<sup>+</sup>

Engineered for Long Life



### AlTiN COATING FOR PRODUCTIVITY AND LONG BLADE LIFE

Aluminum, Titanium, and Nitrogen combine to form a coating that is hard and tough, protecting each tooth from heat and wear with an armor-like barrier

### UNIQUE, PATENTED TOOTH PROFILE

Special, reinforced tooth design for reduced tooth stripage at higher feed rates

Minimized harmonics and vibrations

Quiet cutting

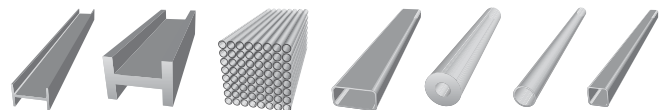
### HIGH PERFORMANCE BACKING STEEL

For longer fatigue life

WIDTH x THICKNESS		TPI		
IN	MM	2/3	3/4	4/6
1-1/4 x .042	34 x 1.07	◆	◆ †	◆ †
1-1/2 x .050	41 x 1.27	◆	◆ †	◆ †
2 x .063	54 x 1.60	◆	◆ †	

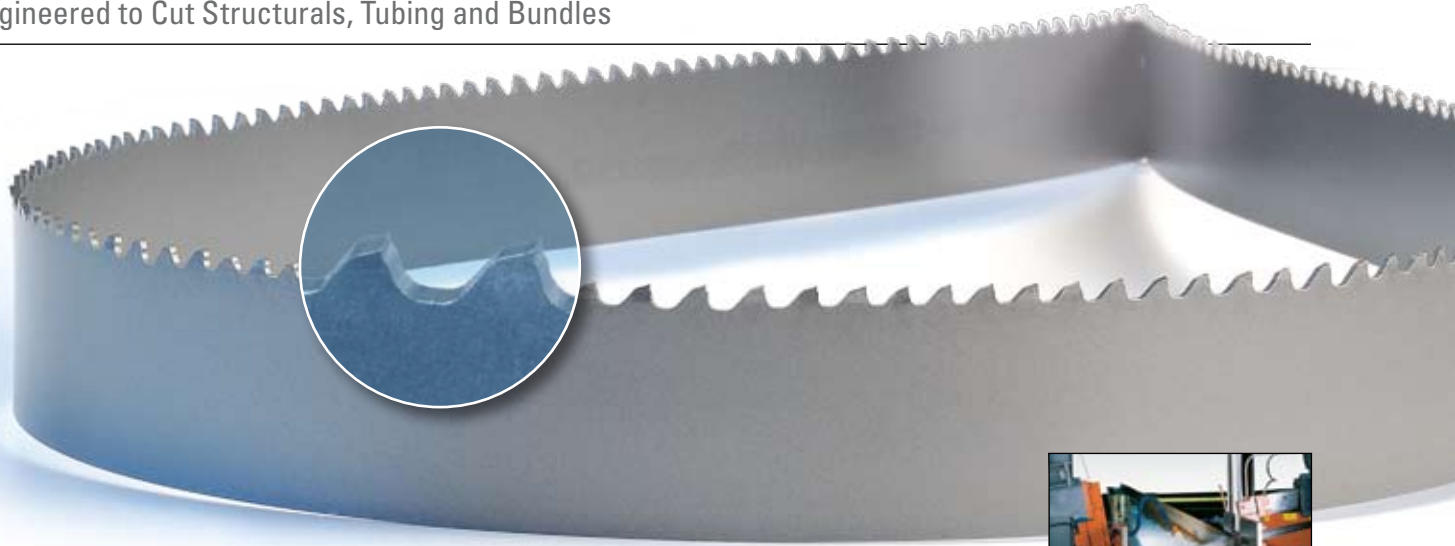
APPLICATION	Carbon Steels
	Structural Steels

† = Extra heavy set available to prevent blade pinching



### LENOX *Rx*®<sup>+</sup>

Engineered to Cut structurals, Tubing and Bundles



#### LONG BLADE LIFE AND EXTREME DURABILITY

Patented tooth profile resists tooth strippage, even at higher feed rates

#### QUIET CUTTING, REDUCED VIBRATION

Optimized tooth pitch/set sequence

WIDTH x THICKNESS		2/3	3/4	TPI		
IN	MM			4/6	5/8	10/14
5/8 x .032	16 x 0.80					*
3/4 x .035	19 x 0.90			◆	◆	
1 x .035	27 x 0.90	◆	◆	◆	◆	
1-1/4 x .042	34 x 1.07	◆+	◆+	◆+	◆	
1-1/2 x .050	41 x 1.27	◆+	◆+	◆+	◆	
2 x .050	54 x 1.27	◆+	◆+	◆+	◆	
2 x .063	54 x 1.60	◆+	◆+	◆		
2-5/8 x .063	67 x 1.60	◆+	◆+	◆		

APPLICATION

Carbon Steels  
Structural Steels

\* = Matrix edge

+ = Extra heavy set available to prevent blade pinching





*"We are getting a better and smoother cut and we don't have the high pitched whine you have with other blades. We like it."*

-JOHN STREEFKERK, PRODUCTION MANAGER  
CAPONE IRON CORPORATION

## BI-METAL BAND SAW BLADES

### LENOX CLASSIC®

The Ultimate Multi-Purpose Blade

#### DESIGNED FOR LONG LIFE IN GENERAL

#### PURPOSE CUTTING APPLICATIONS

Patented *TUFF TOOTH™* design reduces tooth strippage

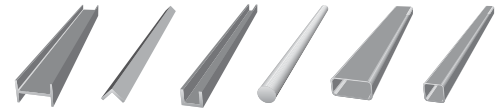
M-42 high speed steel edge for excellent heat and wear resistance



TOOTH FORM WIDTH x THICKNESS		TUFF TOOTH™ TPI				VARI-TOOTH® TPI				WAVY TPI		HOOK TPI
IN	MM	2/3	3/4	4/6	6/8	5/8	6/10	8/12	10/14	14	18	3
3/4 x .035	19 x 0.90			◆	◆	◆	◆	◆	◆	◆	◆	◆
1 x .035	27 x 0.90	◆	◆	◆	◆	◆	◆	◆	◆			◆
1-1/4 x .042	34 x 1.07	◆	◆	◆	◆	◆	◆	◆				
1-1/2 x .050	41 x 1.27	◆	◆ †	◆								
2 x .050	54 x 1.27	◆	◆	◆								
2 x .063	54 x 1.60	◆ †	◆ †	◆								

† = Extra heavy set available to prevent blade pinching

APPLICATION	Aluminum/ Non-Ferrous Carbon Steels Structural Steels	Alloy Steels Stainless Steels Tool Steels
-------------	---	---



### DIEMASTER 2®

Engineered for Contour Cutting

#### FASTER CUTTING WITH M-42 HIGH SPEED STEEL TOOTH EDGE

Runs at twice the speed of carbon blades for faster, easier cutting

#### LONGER BLADE LIFE

Lasts 10 times longer than carbon blades

#### FOR GENERAL PURPOSE HAND-FED APPLICATIONS

Tool and die shops, machine shops, maintenance facilities



TOOTH FORM WIDTH x THICKNESS		VARI-TOOTH® TPI				STANDARD TPI				HOOK TPI		
IN	MM	6/10	8/12	10/14	14/18	10	14	18	24	3	4	6
1/4 x .025	6.4 x 0.64			◆	◆							◆
1/4 x .035	6.4 x 0.90			◆								◆
3/8 x .025	9.5 x 0.64			◆	◆							
3/8 x .035	9.5 x 0.90					◆					◆	◆
1/2 x .020	12.7 x 0.50			*	*		*	*	*			
1/2 x .025	12.7 x 0.64	◆	◆	◆	◆		◆	◆			◆	◆
1/2 x .035	12.7 x 0.90					◆	◆			◆	◆	◆

\* = Matrix edge

APPLICATION	Aluminum/ Non-Ferrous Carbon Steels Structural Steels Alloy Steels	Stainless Steels Tool Steels Wood
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**BI-METAL SPEED CHART**

	MATERIALS		BAND SPEED	
	TYPE	GRADE	FEET/MIN	METER/MIN
<b>ALUMINUM / NON-FERROUS</b>	Aluminum Alloys	2024, 5052, 6061, 7075	300+	85+
	Copper Alloys	CDA 220	210	65
		CDA 360	295	90
		Cu Ni (30%)	200	60
		Be Cu	160	50
Bronze Alloys	AMPCO 18	180	55	
	AMPCO 21	160	50	
	AMPCO 25	110	35	
	Leaded Tin Bronze	290	90	
	Al Bronze 865	150	45	
	Mn Bronze	215	65	
	932	280	85	
937	250	75		
Brass Alloys	Cartridge Brass, Red Brass (85%)	220	65	
	Naval Brass	200	60	
<b>CARBON STEELS</b>	Leaded, Free Machining Low Carbon Steels	1145	270	80
		1215	325	100
		12L14	350	105
	Low Carbon Steels	1008, 1018	270	80
Medium Carbon Steels	1035	240	75	
	1045	230	70	
High Carbon Steels	1060	200	60	
	1080	195	60	
	1095	185	55	
<b>STRUCTURAL STEEL</b>	Structural Steel	A36	250	75
<b>ALLOY STEEL</b>	Mn Steels	1541	200	60
		1524	170	50
	Cr-Mo Steels	4140	225	70
		41L50	235	70
4150H		200	60	
Cr Alloy Steels	6150	190	60	
	5160	195	60	
Ni-Cr-Mo Steels	4340	195	60	
	8620	215	65	
	8640	185	55	
	E9310	160	50	
<b>BEARING STEEL</b>	Cr Alloy Steels	52100	160	50
<b>MOLD STEEL</b>	Mold Steels	P-3	180	55
		P-20	165	50
<b>STAINLESS STEEL</b>	Stainless Steels	304	115	35
		316	90	25
		410, 420	135	40
		440A	80	25
		440C	70	20
Precipitation Hardening Stainless Steels	17-4 PH	70	20	
	15-5 PH	70	20	
Free Machining Stainless Steels	420F	150	45	
	301	125	40	
<b>TOOL STEEL</b>	Low Alloy Tool Steel	L-6	145	45
	Water-Hardening Tool Steel	W-1	145	45
	Cold-Work Tool Steel	D-2	90	25
	Air-Hardening Tool Steels	A-2	150	45
		A-6	135	40
		A-10	100	30
	Hot Work Tool Steels	H-13	140	40
		H-25	90	25
	Oil-Hardening Tool Steels	O-1	140	40
		O-2	135	40
	High Speed Tool Steels	M-2, M-10	105	30
M-4, M-42		95	30	
T-1		90	25	
T-15		60	20	
Shock Resistant Tool Steels		S-1	140	40
S-5, S-7	125	40		
<b>TITANIUM ALLOY</b>	Titanium Alloys	CP Titanium	85	25
Ti-6Al-4V	65	20		
<b>NICKEL BASED ALLOY</b>	Nickel Alloys	Monel® K-500	70	20
		Duranickel 301	55	15
	Iron-Based Super Alloys	A286, Incoloy® 825	80	25
Incoloy® 600		55	15	
Pyromet X-15		70	20	
Nickel-Based Alloys	Inconel® 600, Inconel® 718, Nimonic 90	60	20	
	NI-SPAN-C 902, RENE 41	60	20	
	Inconel® 625	80	25	
	Hastalloy B, Waspalloy	55	15	
	Nimonic 75, RENE 88	50	15	
<b>OTHER</b>	Cast Irons	A536 (60-40-18)	225	70
		A536 (120-90-02)	110	35
		A48 (Class 20)	160	50
		A48 (Class 40)	115	35
		A48 (Class 60)	95	30

The Speed Chart recommendations apply when cutting 4" wide (100mm), annealed material with a bi-metal blade and flood sawing fluid:

**ADJUST BAND SPEED FOR DIFFERENT SIZED MATERIALS**

MATERIAL	BAND SPEED
1/4" (6mm)	Chart Speed + 15%
3/4" (19mm)	Chart Speed + 12%
1-1/4" (32mm)	Chart Speed + 10%
2-1/2" (64mm)	Chart Speed + 5%
4" (100mm)	Chart Speed - 0%
8" (200mm)	Chart Speed - 12%

**ADJUST BAND SPEED FOR DIFFERENT FLUID TYPES**

FLUID TYPES	BAND SPEED
Spray lube	Chart Speed - 15%
No fluid	Chart Speed - 30-50%

**ADJUST BAND SPEED FOR HEAT TREATED MATERIALS**

ROCKWELL	BRINELL	DECREASE BAND SPEED
Up to 20	226	-0%
22	237	-5%
24	247	-10%
26	258	-15%
28	271	-20%
30	286	-25%
32	301	-30%
36	336	-35%
38	353	-40%
40	371	-45%

**REDUCE BAND SPEED 50% WHEN SAWING WITH CARBON BLADES**

## BLADE BREAK-IN

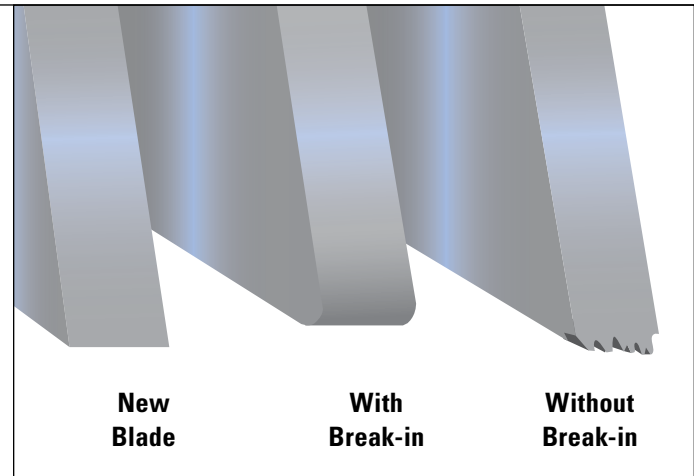
Getting Long Life from a New Band Saw Blade

### WHAT IS BLADE BREAK-IN?

A new band saw blade has razor sharp tooth tips. In order to withstand the cutting pressures used in band sawing, tooth tips should be honed to form a micro-fine radius. Failure to perform this honing will cause microscopic damage to the tips of the teeth, resulting in reduced blade life.

### WHY BREAK-IN A BAND SAW BLADE?

Completing a proper break-in on a new band saw blade will dramatically increase its life.



### HOW TO BREAK IN A BLADE

**Select the proper band speed** for the material to be cut (see chart on page 37)

**Reduce the feed force/rate** to achieve a cutting rate 20% to 50% of normal (soft materials require a larger feed rate reduction than harder materials)

**Begin the first cut at the reduced rate.** Make sure the teeth are forming a chip. Small adjustments to the band speed may be made in the event of excessive noise/vibration.

During the first cut, **increase feed rate/force** slightly once the blade fully enters the workpiece.

With each following cut, **gradually increase feed rate/force** until normal cutting rate is reached.

**FOR FURTHER ASSISTANCE WITH BREAK-IN PROCEDURES, Contact LENOX Technical Support 800-642-0010**



# CARBON BAND SAW BLADES



*NEO-TYPE*<sup>®</sup> & Flex Back..... 41  
#32 Wood & Friction Band.....42

## NEO-TYPE®

### Hard Back Carbon Steel Blade

#### STRAIGHTER, EASIER CUT

The body of this blade is heat treated for extra stability while cutting

Recommended for use at band speeds less than 4,000 feet (1,200 meters) per minute

#### DESIGNED FOR USE ON VERTICAL CONTOUR SAWS AND SMALL CUT-OFF SAWS

Perfect for utility cutting of a wide variety of materials



TOOTH FORM SET PATTERN WIDTH x THICKNESS IN MM	STANDARD					WAVY TPI 24	HOOK RAKER SET TPI		
	RAKER SET TPI						3	4	6
	6	8	10	14	18				
1/4 x .025 6.4 x 0.64			◆	◆	◆	◆			
3/8 x .025 9.5 x 0.64		◆	◆	◆	◆		◆	◆	◆
1/2 x .025 12.7 x 0.64	◆	◆	◆	◆	◆	◆			
5/8 x .032 16 x 0.80			◆	◆					
3/4 x .032 19 x 0.80	◆	◆	◆	◆	◆		◆	◆	
1 x .035 25.4 x 0.90	◆	◆	◆	◆			◆		

APPLICATION

Aluminum  
Brass  
Bronze  
Copper  
Fiberglass

Carbon  
Graphite  
Plastics  
Mild Steels

## FLEX BACK

### Carbon Steel Blade

#### EXCELLENT FATIGUE LIFE

Designed to cut a wide variety of materials

Flexible carbon steel is very durable even at high band speeds—up to 15,000 feet (4,500 meters) per minute

#### DESIGNED FOR USE ON VERTICAL CONTOUR SAWS

Perfect for utility cutting of a wide variety of materials



TOOTH FORM SET PATTERN WIDTH x THICKNESS IN MM	STANDARD RAKER SET TPI	HOOK						SKIP RAKER SET TPI						
		RAKER SET TPI						ALT TPI		RAKER SET TPI				
		6	10	14	2	3	4	6	2	3	1	1.3	4	6
1/4 x .025 6.4 x 0.64	◆	◆				◆	◆						◆	◆
3/8 x .025 9.5 x 0.64	◆	◆				◆	◆	◆		◆				
1/2 x .025 12.7 x 0.64	◆	◆	◆			◆	◆	◆						
3/4 x .032 19 x 0.80				◆	◆	◆	◆							
1 x .035 25.4 x 0.90				◆	◆									
2 x .035 50.8 x 0.90								◆		◆	◆			

APPLICATION

Aluminum  
Brass  
Bronze  
Copper  
Fiberglass  
Carbon

Graphite  
Plastics  
Wood



## #32 WOOD

Specialized Woodworking Applications



### STRAIGHTER, EASIER CUTTING

Manufactured with a heavier gauge (.032") flexible carbon steel material

### DESIGNED FOR CONTOUR CUTTING OF WOOD

Perfect for furniture manufacturing operations

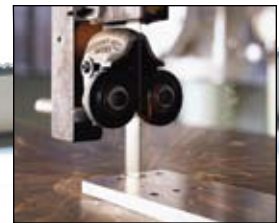
*Note: Not recommended for blades shorter than 15' (4500mm) long. If shorter blade is required, LENOX Flex Back is recommended*

TOOTH FORM SET PATTERN WIDTH x THICKNESS IN MM		HOOK					
		RAKER SET TPI			ALTERNATE TPI		
2	3	4	2	3	4		
1/4 x .032	6.4 x 0.80		◆			◆	
3/8 x .032	9.5 x 0.80		◆	◆	◆		◆
1/2 x .032	12.7 x 0.80		◆	◆	◆	◆	

APPLICATION	Wood
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## FRICITION BAND

Friction Cutting Operations



### FAST CUTTING

Special set design for increased frictional heat

### LONG LASTING

Special silicon carbon steel provides extended fatigue life

*Note: Operates at band speeds up to 20,000 feet per minute (6,000 meters per minute)*

TOOTH FORM SET PATTERN WIDTH x THICKNESS IN MM		STANDARD LENOX SET TPI
1 x .035	25.4 x 0.90	◆

APPLICATION	Ferrous metals
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# SAWING AND METALWORKING FLUIDS

<i>CYCLE HD™</i> & <i>BAND-ADE®</i> .....	44
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Tachometer, Blade Alignment Gauge, <i>SAWCALC®</i> , Tension Meter & <i>TRAVERSE MASTER®</i> .....	51

### CYCLE HD™

Heavy Duty, Water Soluble Oil with No Harmful Additives

**EXTENDS BLADE LIFE**

Exceptional lubrication protects the blade from premature wear

**EXTREMELY VERSATILE**

Engineered for a variety of applications. One fluid for the whole shop

**A BETTER SOLUTION FOR THE ENVIRONMENT**

Enhanced performance without the harmful additives associated with typical EP packages

No chlorine, no phosphates, no nitrites, and no sulphur

**DESIGNED FOR LONG TERM STABILITY**

Controls bacterial attacks, which extends sump life

Smaller oil droplets prevent separation of the oil from water

**INCREASED SHOP PRODUCTIVITY**

Reduced machine wear decreases maintenance and downtime

Provides less drag off, which lowers fluid replacement costs

**OPERATOR FRIENDLY**

Mild to the skin, low foaming, and low misting



High Performance Soluble Oil with an advanced EP additive. Designed for moderate to heavy duty machining of ferrous and non-ferrous metals

PROD NO	CONTAINER SIZE		CONTAINERS PER CASE	NFPA CODE SPECS
	GALLON	LITER		
97125LNx	1	3.8	4	<b>HMIS/WHMIS</b> HEALTH INDEX – 1 FLAMMABILITY – 1 REACTIVITY – 0 PERSONAL PROTECTION – A
97128LNx	2-1/2	9.5	2	
97129LNx	5	18.9	—	
97130LNx	55	208.2 drum	—	
97133LNx	275	1,040.9 tote	—	



Not recommended for use as a spray lubricant. Mix this product with water as recommended. Not for use on magnesium.

### BAND-ADE®

Semi-Synthetic Sawing Fluid

General purpose flood coolant designed for light to moderate-duty machining applications involving both ferrous and non-ferrous metals

**EXTENDS BLADE LIFE**

Increased lubrication aids in chip formation and evacuation

**EXCEPTIONAL COOLING**

Water-soluble formulation helps to reduce frictional heat and improves cutting performance

**INCREASES PRODUCTIVITY**

Faster cutting and reduced machine wear increases efficiency

**ENVIRONMENTALLY FRIENDLY**

Products are biodegradable, safe for the operator to use, and do not contain harmful chemicals like chlorine and sulphur

**SURFACES CAN BE WELDED AND PAINTED OVER**



PROD NO	CONTAINER SIZE		CONTAINERS PER CASE	NFPA CODE SPECS
	GALLON	LITER		
68004	1	3.8	4	<b>HMIS/WHMIS</b> HEALTH INDEX – 0 FLAMMABILITY – 0 REACTIVITY – 0 PERSONAL PROTECTION – A
68005	2-1/2	9.5	2	
68003	5	18.9	—	
68001	55	208.2 drum	—	
68007	275	1,040.9 tote	—	



Not recommended for use as a spray lubricant. Mix this product with water as recommended



## SAW MASTER™

### Synthetic Sawing Fluid

Specially formulated flood coolant for light to moderate-duty applications on ferrous metals and alloys

**LONGER BLADE LIFE. FASTER CUTTING.**

Lubricates and cools to get the most from your blade or tool

**REJECTS MOST TRAMP OILS**

Unwanted oils can be separated and removed to keep the fluid performing longer

**EXCELLENT SUMP LIFE**

Advanced anti-microbial agents control bacterial growth and prevent rancidity, which lowers fluid replacement costs

**CAN BE USED IN MOST HARD WATER APPLICATIONS**

Eliminates filtration problems and residue

**SURFACES CAN BE WELDED AND PAINTED OVER**

**LOW TO NON-FOAMING**



PRODUCT NO	CONTAINER SIZE		CONTAINERS PER CASE
	GALLON	LITER	
68064	1	3.8	4
68061	5	18.9	—
68062	55	208.2 drum	—
68063	275	1,040.9 tote	—

*Not recommended for use as a spray lubricant.  
Mix this product with water as recommended*

**NFPA CODE SPECS**

**HMIS/WHMIS**  
HEALTH INDEX – 1  
FLAMMABILITY – 0  
REACTIVITY – 0  
PERSONAL PROTECTION – A



## MACHINE CLEANER

### Prepares Your Sump for the use of LENOX Sawing Fluids

**CLEANS THE MACHINE BETWEEN CHARGES**

Eliminates bacteria and fungi

**EXTENDS THE LIFE OF THE SAWING FLUID**

Helps loosen dirt and contaminants for easier removal and a cleaner system

**PREVENTS CONTAMINATION WHEN CONVERTING FLUIDS**



PRODUCT NO	CONTAINER SIZE		CONTAINERS PER CASE
	GALLON	LITER	
68006	1	3.8	4

*For industrial use only.  
Mix this product with water as recommended*

**NFPA CODE SPECS**

**HMIS/WHMIS**  
HEALTH INDEX – 1  
FLAMMABILITY – 0  
REACTIVITY – 0  
PERSONAL PROTECTION – A





## LUBE TUBE

Manually Applied Lubricant Stick

### EXTREME PRESSURE LUBRICANT

Prevents the build-up of frictional heat

### DESIGNED TO BE APPLIED TO BAND SAW BLADES AND OTHER CUTTING TOOLS

Improves overall tool life and productivity when sawing, drilling, milling, grinding, threading and tapping. Works well on abrasives (belts, sanding discs and pads)

### CAN BE USED ON FERROUS AND NON-FERROUS METALS, ALUMINUM GATES AND RISERS, PLATES AND EXTRUSIONS

BIODEGRADABLE, NON-TOXIC AND NON-STAINING



PROD NO	CONTAINER SIZE		TUBES PER CASE	NFPA CODE SPECS
	OUNCES	GRAMS		
68020	14.5	411.1	12	<b>HMIS/WHMIS</b> HEALTH INDEX – 0 FLAMMABILITY – 0 REACTIVITY – 0 PERSONAL PROTECTION – A

## LENOX PROTOOL LUBE®

Extends Tool Life

### A UNIQUE SYNTHETIC EMULSION DESIGNED TO INCREASE TOOL LIFE

For cutting, milling, reaming, tapping and drilling metal, wood and plastics

### SHORTENS CUTTING TIME BY UP TO 50%

Provides smoother, cleaner cutting and dramatically longer blade life

### REDUCES HEAT AND FRICTION

Water-soluble so it cleans up with water

### BIODEGRADABLE AND NON-TOXIC

EASY TO USE, FLIP-TOP BOTTLE FITS IN YOUR TOOL BOX



PRODUCT NO	DESCRIPTION	NFPA CODE SPECS
68040	6 oz / .17 liter bottle LENOX PROTOOL LUBE (12 per pack)	<b>HMIS/WHMIS</b> HEALTH INDEX –1 FLAMMABILITY – 0 REACTIVITY – 0 PERSONAL PROTECTION – A
68047	1 gallon / 3.8 liter container LENOX PROTOOL LUBE	
68048	5 gallon / 18.9 liter container LENOX PROTOOL LUBE	
68050	55 gallon / 208.2 liter drum LENOX PROTOOL LUBE	

*Use this product as it comes from the container—do not mix with water.*

MSDS available in hard copy or downloadable from lenoxtools.com

# MICRONIZER®

## Precision Lubricant Applicator

### DESIGNED TO DELIVER A SMALL AMOUNT OF LUBRICANT

Aids in tooth penetration and chip formation, reducing heat and improving tool life

### PRECISE FLUID PUMP AND AIR PRESSURE CONTROLS

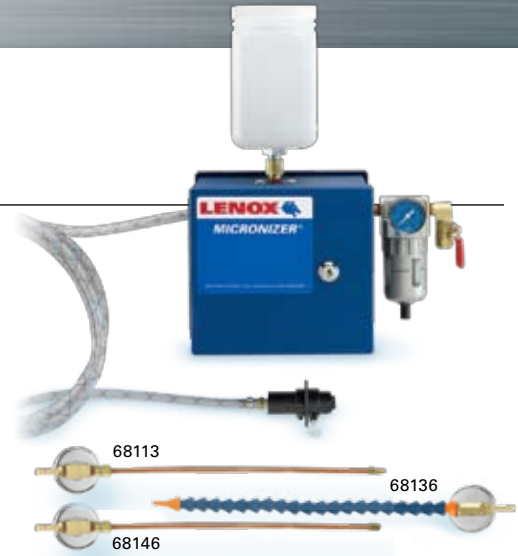
Ensures the correct amount of lubricant is applied to the tool

### A VARIETY OF NOZZLES ARE AVAILABLE

The LENOX Saw Nozzle is recommended for most sawing applications, and is standard on the one line unit (product no 68090)

### RECOMMENDED FOR PRODUCTION SAWING OPERATIONS

For larger band saw machines using 1-1/4" (34mm) and wider blades



	PROD NO	DESCRIPTION
UNIT	68090	1 Line Unit w/ LENOX Saw Nozzle 32 oz (.95 liter) reservoir and manual on/off switch. Works well in band sawing operations
	68150	2 Line Unit 32 oz (.95 liter) reservoir and manual on/off switch (Order nozzles separately)
ACCESSORIES	68113	Copper Nozzle tube and tip with magnetic mounting base
	68146	Copper Fan Nozzle—Same as 68113, with specially designed tip for wide fluid dispersion
	68136	Flex Nozzle—Flexible, segmented plastic nozzle with magnetic mounting base
	68844	LENOX Saw Nozzle—Metal nozzle with 3 spray outlets specifically designed for band sawing operations
	68104	Solenoid Valve—110V For 1, 2, 3 nozzle unit with automatic operation. Requires 110 volts, single phase, 50/60Hz
	68111	Replacement Reservoir 32 oz (.95 liter)
	68137	The MICRONIZER Coaxial Line—Air/lubricant line, sold by the foot (300mm)

# MICRONIZER, Jr.

## Lubricant Applicator

### PORTABLE DESIGN FOR USE ON MANY APPLICATIONS

Strong mounting magnets hold unit in place, but allow it to be moved to different machines

### FOR SMALLER BAND SAW MACHINES & OTHER MACHINE TOOLS

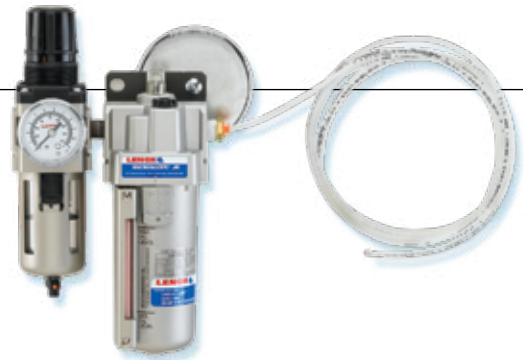
A clean, economical method of providing lubrication

### CONVENIENT DESIGN

Choice of two reservoir capacities, 7 oz (200ml) or 37 oz (1.1liter)

### SEVERAL NOZZLE STYLES AVAILABLE

The unit is customizable for an effective installation in a wide variety of cutting or machining operations



	PROD NO	DESCRIPTION
UNIT	68158	7 oz MICRONIZER, Jr. with Flex Nozzle 6' (1.8m) long, 1/8" (3mm) air line tubing
	68258	7 oz MICRONIZER, Jr. with Flex Nozzle & Fluid Shut-Off Valve 6' (1.8m) long, 1/4" (6mm) air line tubing
	68160	7 oz MICRONIZER, Jr. with Copper Nozzle 6' (1.8m) long, 1/8" (3mm) air line tubing
	68260	7 oz MICRONIZER, Jr. with Copper Nozzle & Fluid Shut-Off Valve 6' (1.8m) long, 1/4" (6mm) air line tubing
	68159	37 oz MICRONIZER, Jr. with Flex Nozzle 6' (1.8m) long, 1/4" (6mm) air line tubing
	68161	37 oz MICRONIZER, Jr. with Copper Nozzle 6' (1.8m) long, 1/4" (6mm) air line tubing
ACCESSORIES	68135	Flex Nozzle for 7 oz MICRONIZER, Jr.—Plastic, flexible nozzle with 6' (1.8m) long, 1/8" (3mm) air line tubing
	68813	Fluid Shut-Off Valve for 7 oz MICRONIZER, Jr.—Used at the air output to maintain prime of unit
	68121	Splitter Block Style Nozzle for 7 oz MICRONIZER, Jr.—With 2 copper tubes, rubber nozzle tips, and air line quick release fitting for 1/8" (3mm) air line tubing
	68142	Flex Nozzle for 37 oz MICRONIZER, Jr.—Plastic, flexible nozzle with 6' (1.8m) long, 1/4" (6mm) air line tubing
	68825	Fluid Shut-Off Valve for 37 oz MICRONIZER, Jr.—Used at the air output to maintain prime of unit
	68141	Splitter Block Style Nozzle for 37 oz MICRONIZER, Jr.—With 2 copper tubes, rubber nozzle tips, and air line quick release fitting for 1/4" (6mm) air line tubing

For more information about MICRONIZER Accessories and Repair Parts, call LENOX Technical Support at 800-642-0010

### LENOX LUBE®

#### Clean, Synthetic Lubricant for Spray Applications

Advanced formula enables superior cutting performance when Minimum Quantity Lubrication (MQL) is required

**EXTENDS TOOL LIFE**

Extreme pressure lubricant reduces frictional heat, prevents chip welding, and delivers an excellent workpiece finish

**CLEAN AND ENVIRONMENTALLY FRIENDLY**

Synthetic, water-based formulation is safe for the shop and operator

**REDUCES COSTS**

No disposal costs and use only ounces per day

**OPTIMUM PERFORMANCE ON FERROUS METALS**


Use with our MICRONIZER® systems to lubricate carbon/alloy steels and stainless steels. Works best on pipe and thin-walled tubing

**SURFACES CAN BE WELDED AND PAINTED OVER**



PROD NO	CONTAINER SIZE		CONTAINERS PER CASE	NFPA CODE SPECS
	GALLON	LITER		
68014	1	3.8 container	4	<b>HMIS/WHMIS</b> HEALTH INDEX – 0 FLAMMABILITY – 0 REACTIVITY – 0 PERSONAL PROTECTION – A
68018	5	18.9 container	—	
68017	55	208.2 drum	—	
68016	275	1,040.9 tote	—	

*Use this product as it comes from the container—do not mix with water*



HEALTH 0 FIRE 0

0 0 REACTIVITY

SPECIAL HAZARD

### C/AI LUBE

#### High Lubricity Formulation for Spray Applications

Synthetic oil formulated for cutting solids and structurals in a Near Dry Machining (NDM) application

**WORKS EFFECTIVELY ON ALL TYPES OF MATERIALS**

Use on a variety of steels and non-ferrous metals. Works well on large structural beams, small solids, and all shapes of aluminum (billets, plates and castings)

**INCREASED PRODUCTIVITY**

Enhances lubrication for higher cutting speeds and feed rates

**EXTENDS TOOL LIFE**


Enables tooth penetration and chip formation which decreases wear on the machine and blade

**CONTROL COSTS**

Decreases the volume consumed and lowers replacement costs when used with our MICRONIZER systems



PROD NO	CONTAINER SIZE		CONTAINERS PER CASE	NFPA CODE SPECS
	GALLON	LITER		
68024	1	3.8 container	4	<b>HMIS/WHMIS</b> HEALTH INDEX – 0 FLAMMABILITY – 1 REACTIVITY – 0 PERSONAL PROTECTION – A
68026	5	18.9 container	—	
68025	55	208.2 drum	—	
68028	275	1,040.9 tote	—	



HEALTH 0 FIRE 1

0 0 REACTIVITY

SPECIAL HAZARD

## ANTI-SPATTER

Wipe Away Welding Spatter

### SAFE TO USE

Non-toxic, non-explosive, non-combustible, and non-carcinogenic. No silicone or chlorine. No CFC's

### ADVANCED 14 OUNCE CAN

Naturally compressed air (no propellants), easy to hold and use even with gloves

### SPRAYS UPSIDE DOWN

### NO WASTED PRODUCT

Full use of all 14 ounces

### PROTECTS JIGS AND FIXTURES



PROD NO	CONTAINER SIZE		CONTAINERS PER CASE	NFPA CODE SPECS
	GALLON	LITER		
69040	14 oz	397 gram compressed air can	12	<b>HMIS/WHMIS</b> HEALTH INDEX – 1 FLAMMABILITY – 0 REACTIVITY – 0 PERSONAL PROTECTION – A
69041	33 fl oz	946 ml trigger spray bottle	12	
69039	1	3.8 container	4	
69038	5	18.9 container	—	
69037	55	208.2 drum	—	



## REFRACTOMETER

Measures Sawing Fluid Concentration

### IMPROVE FLUID EFFECTIVENESS

Maintaining the proper water to fluid ratio increases tool life and ensures longer fluid performance

### EASY TO USE AND CALIBRATE

Calibrate with a drop of water, put a small amount of sawing fluid in the refractometer. A quick look through the lens shows the fluid ratio.



PRODUCT NO	DESCRIPTION
68012	Refractometer



# FLUID REFERENCE CHART

## Properties and Applications

LENOX® METAL-WORKING FLUID	TYPE			METALS				APPLICATIONS					
	FLOOD COOLANT	SPRAY LUBRICANT	MANUAL APPLICATION	USE WITH SOLID METALS	USE WITH STRUCTURAL METALS	USE WITH FERROUS METALS	USE WITH NON-FERROUS METALS	BAND SAWING	CIRCULAR SAWING	DRILLING	TAPPING	MILLING	GRINDING
<i>CYCLE HD™</i>	•			•	•	•	•	•	•	•	•	•	•
<i>BAND-ADE®</i>	•			•	•	•	•	•	•	•		•	
<i>SAW MASTER™</i>	•			•	•	•		•	•	•			•
<i>LENOX LUBE®</i>		•		•	•	•		•	•	•	•	•	•
<i>C/AI LUBE</i>		•		•	•	•	•	•	•	•	•	•	•
<i>LENOX PROTOOL LUBE®</i>			•	•	•	•	•		•	•	•		

LENOX METALWORKING FLUID	CHEMICAL PROPERTIES							
	TYPE	COLOR	BIOCIDES	RUST/CORROSION INHIBITORS	CONTAINS MINERAL OR PETROLEUM OIL	CONTAINS CHLORINE OR SILICONE	CONTAINS SULFUR/SULPHONATES	CONTAINS CARCINOGENS
<i>CYCLE HD™</i>	Soluble Oil	Amber Milky White	Yes	Yes	Yes	No	No	No
<i>BAND-ADE</i>	Semi-Synthetic	Translucent Pink	Yes	Yes	No	No	No	No
<i>SAW MASTER™</i>	Synthetic	Translucent Pink	Yes	Yes	No	No	No	No
<i>LENOX LUBE</i>	Synthetic Emulsion	Translucent Green	Yes	Yes	No	No	No	No
<i>C/AI LUBE</i>	Synthetic Oil	Translucent Blue	No	Yes	No	No	No	No
<i>LENOX PROTOOL LUBE®</i>	Synthetic Emulsion	Translucent Yellow	Yes	Yes	No	No	No	No

LENOX METAL REMOVAL FLUID	PHYSICAL PROPERTIES						
	SOLUBILITY IN WATER	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	pH RANGE	VISCOSITY AT 72°F	FLASH POINT	FREEZING POINT	BOILING POINT
<i>CYCLE HD™</i>	Emulsion	0.9-1.0	8.8-9.5	275 SUS	>93°C/200°F	<-26°C/-14.8°F	>93°C/200°F
<i>BAND-ADE</i>	100%	1.02	8.8-9.2	43 SUS	None	-6°C/21°F	99°C/210°F
<i>SAW MASTER™</i>	100%	1.076	9.7-10.0	42.7 SUS	None	-12°C/10°F	99°C/210°F
<i>LENOX LUBE</i>	100%	1.015	7.8-8.2	60 SUS	None	-7°C/19°F	99°C/210°F
<i>C/AI LUBE</i>	Insoluble	0.823	N/A	121 SUS	COC 290°F	N/A	N/A
<i>LENOX PROTOOL LUBE</i>	100%	1.03	8.0-8.5	500 SUS	None	-25°C/-13°F	99°C/210°F

DILUTION RATIO*	FLUID CONTENT	WATER CONTENT	APPLICATIONS
5:1	20%	80%	Heavy-duty sawing, difficult milling
10:1	10%	90%	Moderate to heavy-duty sawing, drilling, tapping and milling
20:1	5%	95%	Light-duty work
30:1	3%	97%	Grinding, light-duty work

\*Dilution ratios are for flood coolants only. LENOX recommends 5:1 or 10:1, depending on the severity of the operation

## TACHOMETER

Accurate Band Speed Measurement

### 62139 TACHOMETER

Running at the proper band speed is essential for optimum tool life. Use this precision tool to calibrate band saw machine internal tachometer. Check band speeds on machines that don't have a tachometer



## TENSION METER

Measures Band Tension

### 62126 TENSION METER

Properly tensioned band saw blades cut straighter, longer. Durable construction: made with lightweight cast aluminum. Easy to use: attach to blade, apply tension and read the PSI



## BLADE ALIGNMENT GAUGE

For Straight Cutting

### 62125 BLADE ALIGNMENT GAUGE

Proper alignment is critical for straight cutting. Using this gauge allows for easy measurement of blade alignment, so proper adjustment of band guide assemblies can be made. Easy to use: clip the blade alignment to the back of the blade and use a machinist's square to see if the blade is perpendicular to the bed



## TRAVERSE MASTER®

Measures and Reports Feed Rate

### 62140 TRAVERSE MASTER

### 62141 TRAVERSE MASTER

(includes international plug adaptor)

Optimize chip loads to achieve fast cutting without detrimental effects on blade life. Accurately achieve cutting rates recommended by LENOX SAWCALC. Precision meter: provides readout of feed rate in inches (or millimeters) per minute. Powered by a 12v DC power supply or rechargeable battery pack (both included)



## SAWCALC®

For Optimized Cutting Efficiency

### OPTIMIZED BLADE LIFE AND PRODUCTIVITY

Tell this easy-to-use software your type of band saw and material. It will recommend the optimum blade and sawing parameters for productivity and tool life. See the best band speed and cutting rates for the lowest cost per cut. Available in multiple languages: Choose from English (product number LX00501), French, German, or Spanish. Imperial or Metric





# POWER TOOL ACCESSORIES

*Reciprocating Saw Blades | Jig Saw Blades | Hole Saws | Hole Cutters and Drilling Products*

You want maximum **PERFORMANCE** because you need to get the job done right, fast, and efficiently. That's why we invented Bi-metal Reciprocating Saw Blades—and brought you unprecedented blade life. We also created our unique, fast *ONE TOOTH®* Rough Wood Hole Cutter to cut more than 300 holes without resharpening. And we introduced our pacesetter Bi-metal Utility Bit that keeps going because it's literally **TOUGHER** than nails. You'll see the results of the LENOX heritage of innovation throughout our power tool accessory line—with a full range of solutions that ensure that you get **THE MOST** from your tools, the most from your time, and the most for your money.





24G  
24T  
1,06mm  
BI-METAL

**LENOX**  
**Gold**

**THIN METAL**  
LONGEST LASTING EVER.



GRAZED DIAMOND  
**FAST IRON CUTTING**  
CUTS CAST. **FAST.**

**LENOX**  
**DIAMOND**





When you get your hands on advanced solutions such as our titanium edge LENOX *Gold*® blades, you'll see how they stay **SHARP** longer, cut faster, and keep on going long after other blades have quit. You'll experience how their **ADVANCED** bi-metal construction enables them to take a beating without breaking. And you'll know how they save you time with fewer change-outs—and bring you a lower cost per cut. It's just what you'd expect from LENOX—the company that invented Bi-metal Reciprocating Saw Blades, bringing contractors ground-breaking dependability and durability.



# RECIPROCATING SAW BLADES



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## T2™ TECHNOLOGY RECIPROCATING SAW BLADES

Up to 2X Life

### T2 TECHNOLOGY

LENOX introduces T2 Reciprocating Saw Blades, a revolutionary new blade design that delivers up to 100% longer blade life and 25% faster performance in metal cutting applications versus the prior generation of LENOX Reciprocating Saw Blades

### ENGINEERED FOR PERFORMANCE

The patent pending design minimizes friction and heat build-up while cutting through the widest variety of metal materials

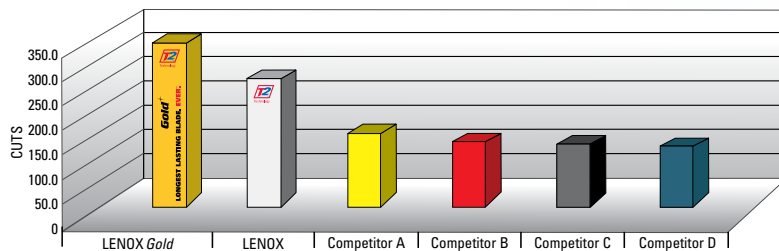
### T2 PRODUCTS

T2 product lines: *Gold*®, *Lazer*® and Bi-metal Blades. T2 blades are available in 10/14, 14, 18 and 24 TPIs



### LENOX T2 PERFORMANCE LEADERSHIP

Average of 8 tests of LENOX 624R, 618R, 614R, 610R, 656R, 9114R



T2 Technology reciprocating saw blades deliver the longest lasting, fastest and most efficient cutting performance in the industry.

**FREE** Sample blade available at [cutsomething.com](http://cutsomething.com)

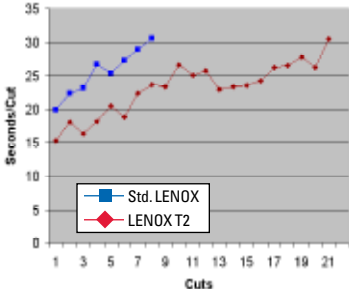


# CUT SOMETHING.



### CUTS 25% FASTER

LENOX T2 VS. PRIOR  
MODEL LENOX BLADE



### LONGER LIFE

T2 TECHNOLOGY EFFICIENTLY GENERATES  
ROBUST CHIPS FOR LONGER LIFE



Conventional 618R



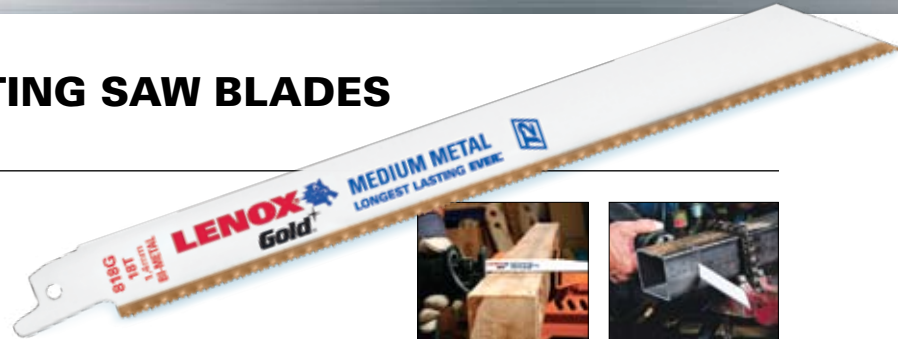
T2 618R

10X MAGNIFICATION



### LENOX Gold® RECIPROCATING SAW BLADES

Longest Lasting Blade. Ever.



#### EXTENDED BLADE LIFE

Reinforced tooth design and precision-applied titanium coating dissipate heat

#### FASTER CUTS

Titanium coating makes teeth more wear resistant so they stay sharp for quicker cuts

#### DURABLE CONSTRUCTION

Bi-metal design stands up to the most demanding applications



WOOD



DEMOLITION



METAL


















EXTREME METAL



#### LENOX T2™ TECHNOLOGY RECIPROCATING SAW BLADES

A revolutionary new blade design that delivers up to 100% longer blade life and 25% faster performance in metal cutting applications versus the prior generation of LENOX reciprocating saw blades.

	LENGTH x WIDTH x THICKNESS			5-PACK PROD NO	25-PACK PROD NO	APPLICATION	
	TPI	IN	MM				
WOOD	6	6 x 7/16 x .050	152 x 11 x 1.3	21063676GRC	21077B676GRC	Scroll cutting 	
	6	6 x 3/4 x .050	152 x 19 x 1.3	21060656GR	21074B656GR		
	6	9 x 3/4 x .050	229 x 19 x 1.3	21062956GR	21076B956GR		
	6	12 x 3/4 x .050	305 x 19 x 1.3	21061156GR	21075B156GR		
METAL	10	6 x 3/4 x .035	152 x 19 x .9	21064610GR	21078B610GR		
	10	8 x 3/4 x .050	203 x 19 x 1.3	21065810GR	21079B810GR		
	14	4 x 3/4 x .035	102 x 19 x .9	21066414GR	21080B414GR		•
	14	6 x 3/4 x .035	152 x 19 x .9	21067614GR	21081B414GR		•
	18	4 x 3/4 x .035	102 x 19 x .9	21068418GR	21082B418GR		•
	18	6 x 3/4 x .035	152 x 19 x .9	21069618GR	21083B618GR		•
	18	8 x 3/4 x .035	203 x 19 x .9	21070818GR	21084B818GR		•
	24	6 x 3/4 x .035	152 x 19 x .9	21072624GR	21086B624GR		•
DEMOLITION	6	6 x 7/8 x .062	152 x 22 x 1.6	210886066GR	21220B6066GR		
	6	9 x 7/8 x .062	229 x 22 x 1.6	21090966GR	21222B966GR		
	6	12 x 7/8 x .062	305 x 22 x 1.6	21091106GR	21223B106GR		
EXTREME METAL CUTTING	10	9 x 7/8 x .062	229 x 22 x 1.6	21089960GR	21221B960GR		
	8	6 x 1 x .042	152 x 25 x 1.1	210926108GR	21224B6108GR		
	8	9 x 1 x .042	229 x 25 x 1.1	210969108GR	21228B9108GR		
	10	6 x 1 x .042	152 x 25 x 1.1	210936110GR	21225B6110GR		
	10	9 x 1 x .042	229 x 25 x 1.1	210979110GR	21229B9110GR		
	10	12 x 1 x .042	305 x 25 x 1.1	2110012110GR	21237B12110GR		
	14	6 x 1 x .042	152 x 25 x 1.1	210946114GR	21226B6114GR		•
	14	9 x 1 x .042	229 x 25 x 1.1	210989114GR	21235B9114GR		•
	14	12 x 1 x .042	305 x 25 x 1.1	2110112114GR	21238B12114GR		•
	18	6 x 1 x .042	152 x 25 x 1.1	210956118GR	21227B6118GR		•
18	9 x 1 x .042	229 x 25 x 1.1	210999118GR	21236B9118GR		•	
18	12 x 1 x .042	305 x 25 x 1.1	2110212118GR	21239B12118GR		•	



*"Getting our hands on these new titanium coated blades has been a godsend. We'd be eating up a ton more blades if we hadn't switched."*

-GEORGE WHITE, PROJECT MANAGER AND SUPERINTENDENT WITH LVI SERVICES

## RECIPROCATING SAW BLADES

# LAZER® RECIPROCATING SAW BLADES

Best for Extreme Metal Cutting

### OPTIMIZED FOR HIGHER PERFORMANCE

Reinforced tooth design ensures higher performance in the most demanding jobs

### ENHANCED CUTTING ACTION

A wider, thicker body than conventional blades delivers whip-free cuts that stay straight and smooth

### LONGER LIFE

Last up to 45% longer than competitors' blades

### DURABLE CONSTRUCTION

Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't



TPI	LENGTH x WIDTH x THICKNESS		2-PACK PROD NO	5-PACK PROD NO	25-PACK PROD NO	50-PACK PROD NO	APPLICATION - STRUCTURAL	Technology
	IN	MM						
8	6 x 1 x .042	152 x 25 x 1.1	—	201926108R	20196B6108R	—	Structural Steels greater than 3/16"	
8	9 x 1 x .042	229 x 25 x 1.1	—	201939108R	20195B9108R	—		
8	12 x 1 x .042	305 x 25 x 1.1	—	2019412108R	20197B12108R	—		
10	6 x 1 x .042	152 x 25 x 1.1	24901T6110R	201706110R	20171B6110R	—	Structural Steels and All Metals 3/16"-1/2"	
10	9 x 1 x .042	229 x 25 x 1.1	24905T9110R	201769110R	20177B9110R	—		
10	12 x 1 x .042	305 x 25 x 1.1	24909T12110R	2018212110R	20183B12110R	—		
14	6 x 1 x .042	152 x 25 x 1.1	24902T6114R	201726114R	20173B6114R	227640SB6114R	Structural Steels and All Metals 3/32"-3/8"	•
14	9 x 1 x .042	229 x 25 x 1.1	24906T9114R	201789114R	20179B9114R	227660SB9114R		
14	12 x 1 x .042	305 x 25 x 1.1	24910T12114R	2018412114R	20185B12114R	—		
18	6 x 1 x .042	152 x 25 x 1.1	24903T6118R	201746118R	20175B6118R	227650SB6118R	Structural Steels and All Metals 1/16"-1/4"	•
18	9 x 1 x .042	229 x 25 x 1.1	24907T9118R	201809118R	20181B9118R	227670SB9118R		
18	12 x 1 x .042	305 x 25 x 1.1	24911T12118R	2019012118R	20191B12118R	—		

# DEMOLITION RECIPROCATING SAW BLADES

Best for Demolition and Nail-Embedded Wood

### VERSATILE PERFORMANCE

Engineered to rip through a wide array of materials with ease—including structural steel, lumber, pipe and nail-embedded wood

### OPTIMIZED BLADE DESIGN

Wider and thicker to stand up to the brutal conditions in demolition applications

### DURABLE CONSTRUCTION

Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't



TPI	LENGTH x WIDTH x THICKNESS		2-PACK PROD NO	5-PACK PROD NO	25-PACK PROD NO	50-PACK PROD NO	APPLICATION
	IN	MM					
6	6 x 7/8 x .062	152 x 22 x 1.6	205126066R	203706066R5	20514B6066R	—	
6	9 x 7/8 x .062	229 x 22 x 1.6	20598966R	20371966R5	20523B966R	227630SB966R	
6	12 x 7/8 x .062	305 x 22 x 1.6	20500106R	20373106R5	20485B106R	—	
10	9 x 7/8 x .062	229 x 22 x 1.6	20597960R	20372960R5	20524B960R	227620SB960R	

### BI-METAL RECIPROCATING SAW BLADES

Long Lasting, Fast Cutting and Versatile

**LONG LIFE**

Patented tooth design provides long blade life













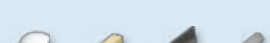
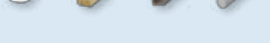


**EFFICIENT CUTTING**

Optimized for specific applications

**DURABLE CONSTRUCTION**

Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't



TPI	LENGTH x WIDTH x THICKNESS		1-PACK	5-PACK	25-PACK	50-PACK	APPLICATION		
	IN	MM	PROD NO	PROD NO	PROD NO	PROD NO			
4	6 x 3/4	x .050	152 x 19 x 1.3	20574S634R	20575634R	—	—		
6	4 x 3/4	x .050	102 x 19 x 1.3	—	20449456RP	—	—		
6	6 x 3/4	x .050	152 x 19 x 1.3	20571S636RP	20570636RP	20497B636RP	—		
6	6 x 3/4	x .035	152 x 19 x .9	20559S606R	20560606R	20492B606R	—		
6	6 x 7/16	x .050	152 x 11 x 1.3	20557S676RC	20556676RC	—	—		
6	6 x 3/4	x .050	152 x 19 x 1.3	20573S656R	20572656R	20530B656R	227500SB656R		
6	9 x 3/4	x .050	229 x 19 x 1.3	20587S956R	20582956R	20558B956R	227520SB956R		
6	12 x 3/4	x .050	305 x 19 x 1.3	20586S156R	20585156R	20495B156R	227550SB156R		
10	6 x 3/4	x .035	152 x 19 x .9	20561S610R	20562610R	20493B610R	227610SB610R		
10	8 x 3/4	x .050	203 x 19 x 1.3	20581S810R	20580810R	20590B810R	227530SB810R		
10/14	6 x 3/4	x .050	152 x 19 x 1.3	20592650R*	20374650R5	20515B650R	—		•
10/14	8 x 3/4	x .050	203 x 19 x 1.3	—	20577850R	20535B850R	—		•
10/14	12 x 3/4	x .050	305 x 19 x 1.3	20584S110R	20583110R	20491B110R	227580SB110R		•
10/14	6 x 3/4	x .035	152 x 19 x .9	—	12129635R	—	—		•
10/14	8 x 3/4	x .035	203 x 19 x .9	—	12130835R	—	—		•

\* This item is a 2-pack



Two 10/14 TPI General Purpose reciprocating blades featuring T2 Technology. The 0.035" thick blades are ideal for cutting wood, metal and plastic 12129635R, 12130835R



**LENOX T2™ TECHNOLOGY RECIPROCATING SAW BLADES**

A revolutionary new blade design that delivers up to 100% longer blade life and 25% faster performance in metal cutting applications versus the prior generation of LENOX reciprocating saw blades.



**BI-METAL RECIPROCATING SAW BLADES (CONTINUED)**

TPI	LENGTH x WIDTH x THICKNESS		1-PACK	5-PACK	25-PACK	50-PACK	APPLICATION	
	IN	MM	PROD NO	PROD NO	PROD NO	PROD NO		
14	3-5/8 x 5/16 x .035	92 x 8 x .9	—	20520314RC	—	—		•
14	4 x 3/4 x .035	102 x 19 x .9	20551S414R	20550414R	20488B414R	227600SB414R		•
14	6 x 3/4 x .035	152 x 19 x .9	20565S614R	20564614R	20494B614R	227560SB614R		•
14	8 x 3/4 x .035	203 x 19 x .9	—	21519814R	—	—		•
18	3-5/8 x 5/16 x .035	92 x 8 x .9	20522S318RC	20521318RC	—	—		•
18	4 x 3/4 x .035	102 x 19 x .9	20553S418R	20552418R	20489B418R	227590SB418R		•
18	6 x 3/4 x .035	152 x 19 x .9	20567S618R	20566618R	20529B618R	227510SB618R		•
18	8 x 3/4 x .035	203 x 19 x .9	20563S818R	20578818R	20487B818R	227540SB818R		•
18	12 x 3/4 x .035	305 x 29 x .9	—	21510118R	21511B118R	—		•
24	4 x 3/4 x .035	102 x 19 x .9	20555S424R	20554424R	20490B424R	—		•
24	6 x 3/4 x .035	152 x 19 x .9	20569S624R	20568624R	20496B624R	227570SB624R		•
24	8 x 3/4 x .035	203 x 19 x .9	—	20579824R	—	—		•

**ICON REFERENCE CHART**

WOOD	NAIL-EMBEDDED WOOD	CONTOUR WOOD	PLASTIC	THICK METAL	MEDIUM METAL	THIN METAL	NON-FEROUS METAL
DEMOLITION	FIRE & RESCUE	PLASTER & DRYWALL	CAST IRON	CEMENT BOARD	TILE	ABRASIVES	NATURAL STONE



## LENOX *DIAMOND*™ RECIPROCATING SAW BLADES

Cuts Cast. Fast.

### LASTS LONGER

Nickel alloy-brazed diamond particles maintain sharpness to keep cutting after conventional carbide grit fails

### CUTS 3X FASTER\*

A narrow kerf design enables thinner, faster cuts

### STRAIGHT, CLEAN CUTS

Unlike bulky snap cutters which crush pipes and leave ragged, uneven cuts, LENOX *DIAMOND* cuts clean

Durable chrome alloy backing steel provides extra stability

*\*Speed measured cutting 4" cast iron pipe at maximum speed vs. the leading competitor*

LENGTH x WIDTH x THICKNESS		1-PACK PROD NO	APPLICATION
IN	MM		
8 x 3/4 x .040	203 x 19 x 1	10833800RDG	Cast Iron, Tile, Brick and Natural Stone
9 x 3/4 x .042	225 x 19 x 1.07	1766338800DTDG	
11 x 3/4 x .042	275 x 19 x 1.07	1766356100DTDG	



### EXTREME CUTTING RATES!

LENOX  
*DIAMOND*  
Double Tang

48 cuts!

LENOX  
*DIAMOND*

24 cuts!

Carbide Grit  
Blades

← 5 cuts

0 20 40 60

*\*Test conducted using standard carbide grit blades vs. 11" LENOX *DIAMOND* Double Tang cutting 2" cast iron pipe in laboratory testing*

## CARBIDE GRIT RECIPROCATING SAW BLADES

For Cutting Non-Metallic Materials

### HIGH PERFORMANCE IN ABRASIVE MATERIALS

Cuts through tough materials that resist chip-forming, including ceramics, pipe, man-made stone, brick, marble and more

### SMOOTH, QUICK CUTS

Uniformly applied, durable carbide grit particles on a flexible blade provide fast cuts without snagging or binding



LENGTH x WIDTH x THICKNESS		2-PACK PROD NO	GRIT	APPLICATION
IN	MM			
6 x 3/4 x .032	152 x 19 x .8	20505600RG	Medium	Fiberglass, Ceramic Tile, Cultured Marble, Clays, Brick
8 x 3/4 x .040	203 x 19 x 1	20576800RG	Medium	
10 x 3/4 x .050	254 x 19 x 1.3	20506100RG	Medium	



*"This is hands down, the best blade we carry. Our customers can't believe DIAMOND can get through cast iron with just one blade."*

-DON BROOKS, COUNTER SALES

## RECIPROCATING SAW BLADES

# CARBIDE TIPPED RECIPROCATING SAW BLADES

Engineered to Cut the Toughest Materials

### VERSATILE AND EFFECTIVE

Cuts tough materials including cement board, cast aluminum, pressure treated wood, engineered lumber, and more

### ENGINEERED FOR FASTER PERFORMANCE

Triple chip tooth design cuts 25% faster than standard carbide blades and provides exceptional fatigue resistance



TPI	LENGTH x WIDTH x THICKNESS		1-PACK PROD NO	TYPE	APPLICATION
	IN	MM			
3	8 x 3/4 x .050	203 x 19 x 1.3	205998535RCT	Straight Back	Fiberglass, Particle Board,
6	6 x 3/4 x .050	152 x 19 x 1.3	205966565RCT	Straight Cutting	Pressure-Treated Woods,
6	6 x 3/4 x .050	152 x 19 x 1.3	205956563RCT	Contour Back	Plywood, Cast Aluminum



# PALLET DISMANTLING RECIPROCATING SAW BLADES

High Performance Cutting for Pallet Refurbishing

### ENGINEERED FOR STRENGTH

Specially treated to enhance performance and withstand nail strikes to keep cutting fast

### LONG CUTTING LIFE

Patented tooth design and a rounded nose provide long blade life and enable easy access in tight spots



TPI	LENGTH x WIDTH x THICKNESS		250-PACK PROD NO	APPLICATION
	IN	MM		
10	8 x 3/4 x .035	203 x 19 x .9	10729810RPC	Dismantling Pallets
10	10 x 3/4 x .035	254 x 19 x .9	107301010RPC	

## RECIPROCATING SAW BLADE KITS



**20502546A**  
**5 PIECE**  
**4" AND 6" BLADE ASSORTMENT**  
 One each of reciprocating blades  
 414R, 418R, 614R, 618R, 656R  
 Vinyl pouch



**1073415RKG**  
**15 PIECE KIT**  
 Five each of reciprocating blades  
 614R, 618R, 656R  
 Plastic case



**2043324RKG**  
**24 PIECE KIT**  
**METAL AND WOOD CUTTING WITH DEMOLITION BLADES**  
 Five each of reciprocating blades  
 656R, 610R, 614R, 618R  
 Two each 6114R, 6066R  
 Plastic case



**121439KPE**  
**9 PIECE**  
**PLUMBER & ELECTRICIAN KIT**  
 Two each of reciprocating blades  
 656R, 624R, 818R, 810R  
 One each 960R  
 Vinyl pouch

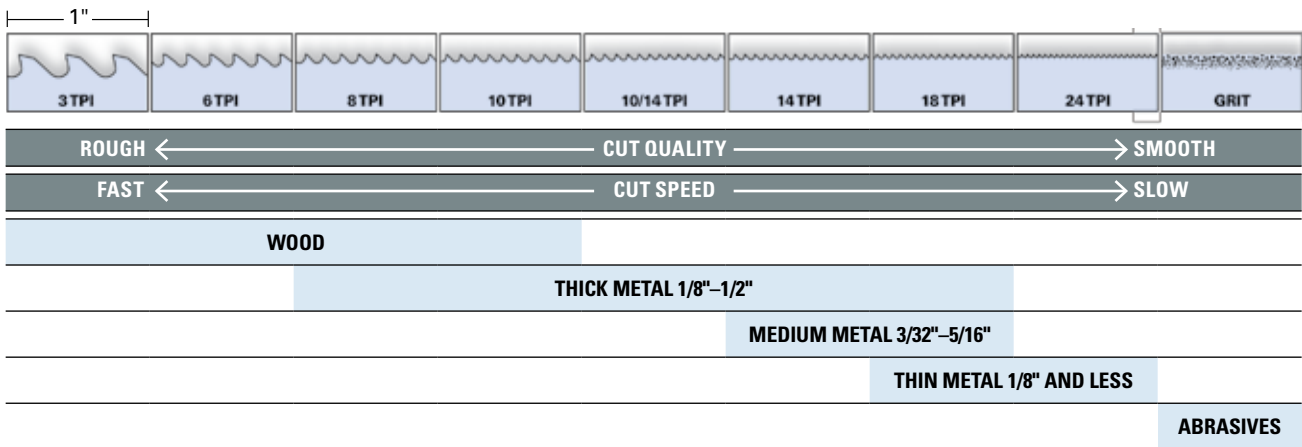


**11214412RKD**  
**12 PIECE**  
**DEMOLITION KIT**  
 Three each of reciprocating blades  
 6066R, 6114R  
 Two each 9114R, 966R, 960R  
 Vinyl pouch

### RECIPROCATING SAW BLADE SELECTION GUIDE

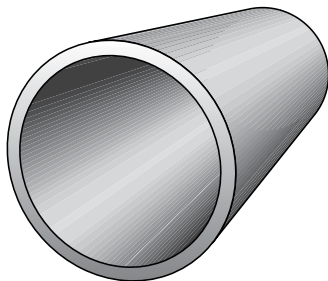
	WOOD	NAIL-EMBEDDED WOOD	NON-FERROUS METAL	DEMOLITION	FIRE & RESCUE	PLASTICS & COMPOSITES	THICK METAL	MEDIUM METAL	THIN METAL	DRYWALL/ PLASTER	CEMENT BOARD	CAST IRON	ABRASIVES
<b>BEST</b>	LENOX Gold®									CARBIDE TIPPED	LENOX DIAMOND™		
<b>BETTER</b>	BI-METAL	LAZER®		BI-METAL		LAZER				BI-METAL	LENOX DIAMOND	CARBIDE GRIT	
<b>GOOD</b>	—	BI-METAL		—		BI-METAL				—	CARBIDE GRIT	—	

### TEETH PER INCH SELECTION GUIDE

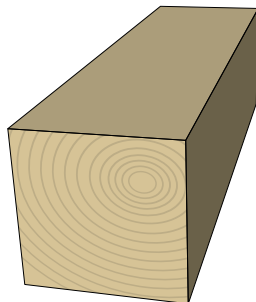


### BLADE LENGTH SELECTION GUIDE

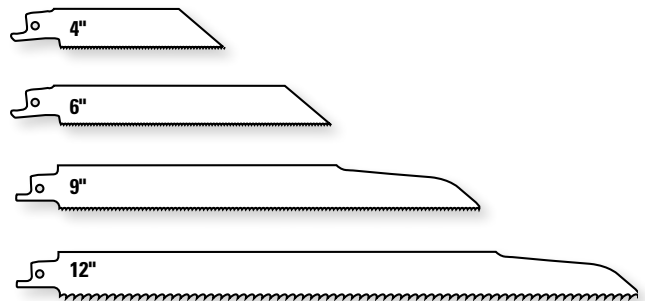
Always keep 2 teeth in the cut.



← WIDTH →








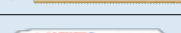
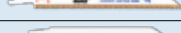




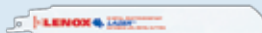


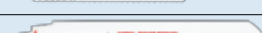
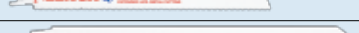


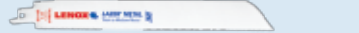


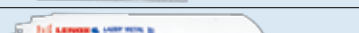


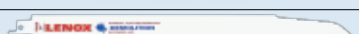




← WIDTH →



WIDTH OF MATERIAL + 3" = BLADE LENGTH  
 EXAMPLE: 5" (WIDTH) + 3" = 8". USE AN 8" OR 9" BLADE





### RECIPROCATING SAW BLADES CROSS REFERENCE CHART

	TPI	LENGTH		DESC	SHAPE	COMPETITIVE CROSS REFERENCE			
		IN	MM			BOSCH®	DEWALT®	MILWAUKEE®	MK MORSE®
LENOX DIAMOND™	Grit	8	203	800RDG		—	—	1450	—
	10	6	152	610G		—	—	—	—
LENOX Gold®	10	6	152	6110G		—	—	—	—
	10	8	203	810G		—	—	—	—
	10	9	229	9110G		—	—	—	—
	14	6	152	614G		—	—	—	—
	14	6	152	6114G		—	—	—	—
	14	9	229	9114G		—	—	—	—
	18	6	152	618G		—	—	—	—
	18	6	152	6118G		—	—	—	—
	18	9	229	9118G		—	—	—	—
	24	6	152	624G		—	—	—	—
	LAZER®	8	6	152	6108R		RSM6X2, RSM7X2 RESM6X2	—	5700, 5701
8		9	229	9108R		RSM9X2, RESM6X2	—	5705, 5706	—
8		12	305	12108R		RSM12X2	—	5710, 5711	—
10		6	152	6110R		S123XF, RPRM6, SAPP6, RESM6X2	—	5712	RB66210, RBFR66210W, RBMC64210
10		9	229	9110R		RESM9X2	—	5713	RB1010, RBMC95010
10		12	305	12110R		RAP1210	—	—	RB1210, RB126210, RBFR126210W, RBMC125010
14		6	152	6114R		RCM6X2, RECM6X2	—	—	RBFR66214W, RBMC64214
14		9	229	9114R		RCM9X2, RECM9X2	—	5787, 5795	RBFR96214W, RBMC95014
14		12	305	12114R		RCM12X2	—	—	RB1214, RBFR126214W, RBMC125014, RBU10514
18		6	152	6118R		RCTM6X2 RECM6X2	—	5784	RB65018, RBMC64218
18		9	229	9118R		RECM9X2	—	5788, 5798	RBMC95018
18		12	305	12118R		—	—	5789	RBMC125018
DEMOLITION	6	6	152	6066R		RDN6V	DW4862	5021	RB66206C
	6	9	229	966R		RDN9V	DW4863	5026	RB96206
	6	12	305	106R		RDN12V	DW4806, DW4806B, DW4845, DW4877	5027	RB126206
	10	9	229	960R		RDM6X2, RDM9X2	—	—	RB96210, RBFR96210W
	10/14	6	152	650R		RD6V, RRD6V, SRD6, RAP6V	DW4864, DW4864B	—	RB61014, RB6501014, RB6501014T
CARBIDE GRIT	Grit	6	152	600RG		RCB6G	—	1400, 1410, 1420	RTCG4, RTCG6
	Grit	8	203	800RG		RCB9G	—	1430	RTCG8

**NO  
COMPETITIVE  
EQUIVALENT**

**RECIPROCATING BLADES CROSS REFERENCE CHART (CONTINUED)**

	LENGTH				SHAPE	COMPETITIVE CROSS REFERENCE			
	TPI	IN	MM	DESC		BOSCH®	DeWALT®	MILWAUKEE®	MK MORSE®
CARBIDE TIPPED	3	8	203	8535RCT		—	—	—	RTCT6065
	6	6	152	6565RCT		—	—	—	RTCT6065
	6	6	152	6563RCT		—	—	—	RCFP66
STANDARD BI-METAL	4	6	152	634R		S234XF	DW4801	—	RC603
	6	4	102	456RP		—	—	5052	RB606
	6	6	152	636RP		RDW66	—	—	RB606P
	6	6	152	656R		RDN6V, RHN66, RW66, RN66, RN96, RN126	DW4802, DW4802B, DW4847, DW4848B, DW4876	5031, 5035	RB63506, RB65006, RB65058, RC606
	6	6	152	676RC		—	DW4816	5041	RB65006C
	6	6	152	606R		—	DW4850	5012, 5015	RB606ST, RB658, RC606ST
	6	9	229	956R		RPRW8, RDN9V, RSN9V, RHN96, RW96	DW4803, DW4803B, DW4848	5016, 5036	RB93506, RB95006, RC905, RC906
	6	12	305	156R		RHN126, RW126	DW4804, DW4804B, DW4849	5017, 5037	RB123506, RB125006, RB125058ST, RB125058, RC1206
	10	6	152	610R		RPRAP6, RAP610	DW4806, DW4806B, DW4845, DW4877	4091, 5090, 5091, 5092	RB610, RB65010, RBMC610, RC610
	10	8	203	810R		RPRAP8, RAP810, RAP910	DW4865B	5093, 5175	RB810, RB8501014, RBMC810
	10/14	6	152	6356R					
	10/14	8	203	835R					
	10/14	8	203	850R		RD9V, RRD9V, SRD9, RAP9V	DW4865	5193	RB81014, RB8501014
	10/14	12	305	110R		RD12V, RRD12V, SRD12, RFM10V, SHMF10, RAP12V	DW4838	5094, 5194	RB121014, RB12501014, RB12501014ST, RB12501014
	14	3-5/8	92	314RC		—	DW4814	5161, 5162	—
	14	4	102	414R		—	DW4807, DW4807B	5181	RB414, RH414
	14	6	152	614R		RM614	DW4808, DW4808B	5182, 5282	RB614, RB65014, RBMC614, RH614
	14	8	203	814R		RM914	—	5187	RB814, RBMC814
	18	3-5/8	92	318RC		RSM418	—	5163	RB318S, RH318S, RH324S
	18	4	102	418R		RS418	DW4810	5183	RB418, RH318, RH418
	18	6	152	618R		RS618, RM618	DW4811, DW4811B, DW4878	5184, 5284	RB618, RBMC618, RH618
	18	8	203	818R		RM918	DW4921	5188	RB814, RB818, RBMC818
	18	12	305	118R		RM1218	—	5189	RB1018, RB1218, RBMC1218
	24	4	102	424R		S518A, S518AF, S518AF-100, S518EF, S518G	DW4812	5185	RB424, RH424
	24	6	152	624R		RM624	DW4815	5186, 5286	RB624, RBMC624, RH624
	24	8	203	824R		RM924	—	—	—

## MASTER-BAND™ BLADES

Maximum Performance for Portable Band Saws

### ENHANCED BEAM STRENGTH

Specially treated bands of .023 and .025 thicknesses offer increased blade strength, reducing deflection and twisting of blades during severe cutting conditions

### SHATTER RESISTANT

Bi-metal blades bend and resist breaking and extend blade life

### LONG LASTING

LENOX *TUFF TOOTH* design reinforces tooth for longer blade life



TPI	LENGTH x WIDTH x THICKNESS		EDGE MATERIAL	3-PACK PROD NO	25-PACK PROD NO	APPLICATION
	IN	MM				
10/14	44-7/8 x 1/2 x .023	1140 x 12.7 x .6	Matrix	8011438EW1014	09403B38EW1014	1/4" & larger, most metals
14	44-7/8 x 1/2 x .023	1140 x 12.7 x .6	Matrix	8011538EW14	09404B38EW14	3/16"– 3/8," most metals
14/18	44-7/8 x 1/2 x .023	1140 x 12.7 x .6	Matrix	8011238EW1418	09407B38EW1418	1/8"– 5/16," most metals
18	44-7/8 x 1/2 x .023	1140 x 12.7 x .6	Matrix	8011638EW18	09405B38EW18	3/32"– 1/4," most metals
24	44-7/8 x 1/2 x .023	1140 x 12.7 x .6	Matrix	8011738EW24	09406B38EW24	up to 1/8," most metals
8/12	44-7/8 x 1/2 x .025	1140 x 12.7 x .6	M42	80143385EW812	09398B385EW812	3/8"– 1/2," metals, including stainless steel
10/14	44-7/8 x 1/2 x .025	1140 x 12.7 x .6	M42	80144385EW1014	09399B385EW1014	1/4" & larger, metals, including stainless steel
14	44-7/8 x 1/2 x .025	1140 x 12.7 x .6	M42	80145385EW14	09400B385EW14	3/16"– 3/8," metals, including stainless steel
14/18	44-7/8 x 1/2 x .025	1140 x 12.7 x .6	M42	80142385EW1418	09401B385EW1418	1/8"– 5/16," metals, including stainless steel
18	44-7/8 x 1/2 x .025	1140 x 12.7 x .6	M42	82310385EW18	09402B385EW18	3/32"– 1/4," metals, including stainless steel
10/14	53-3/4 x 1/2 x .023	1365 x 12.7 x .6	Matrix	8011945EW1014	—	1/4" & larger, most metals
14	53-3/4 x 1/2 x .023	1365 x 12.7 x .6	Matrix	8012045EW14	—	3/16"– 3/8," most metals
14/18	53-3/4 x 1/2 x .023	1365 x 12.7 x .6	Matrix	8012345EW1418	—	1/8"– 5/16," most metals
18	53-3/4 x 1/2 x .023	1365 x 12.7 x .6	Matrix	8012145EW18	—	3/32"– 1/4," most metals
24	53-3/4 x 1/2 x .023	1365 x 12.7 x .6	Matrix	8012245EW24	—	up to 1/8," most metals
10/14	53-3/4 x 1/2 x .025	1365 x 12.7 x .6	M42	80146455EW1014	—	1/4" & larger, metals, including stainless steel
14/18	53-3/4 x 1/2 x .025	1365 x 12.7 x .6	M42	80147455EW1418	—	1/8"– 5/16," metals, including stainless steel
6/10	54 x 1/2 x .025	1372 x 12.7 x .6	M42	8014854EW610	—	1/2" & larger, metals, including stainless steel
8/12	54 x 1/2 x .025	1372 x 12.7 x .6	M42	8072354EW812	—	3/8"– 1/2," metals, including stainless steel
10/14	54 x 1/2 x .025	1372 x 12.7 x .6	M42	8072454EW1014	—	1/4" & larger, metals, including stainless steel
14/18	54 x 1/2 x .025	1372 x 12.7 x .6	M42	8014154EW1418	—	1/8"– 5/16," metals, including stainless steel
18	54 x 1/2 x .025	1372 x 12.7 x .6	M42	8015054EW18	—	3/32"– 1/4," metals, including stainless steel

## WOLF-BAND® BLADES

Professional Performance and Exceptional Value

### LONG LASTING

High speed steel teeth provide a strong, long lasting cutting edge

### SHATTER RESISTANT

Bi-metal blades bend and resist breaking and extend blade life

### EXCEPTIONAL VALUE

Professional performance and competitive pricing provide extraordinary cost-per-cut value



TPI	LENGTH x WIDTH x THICKNESS		1-PACK PROD NO	5-PACK PROD NO	25-PACK PROD NO	APPLICATION
	IN	MM				
10/14	44-7/8 x 1/2 x .020	1140 x 12.7 x .5	3842838PW10141	8009838PW1014	3842338PW1014	1/4" & larger
14	44-7/8 x 1/2 x .020	1140 x 12.7 x .5	3842938PW141	8010738PW14	3842438PW14	3/16" - 3/8"
14/18	44-7/8 x 1/2 x .020	1140 x 12.7 x .5	3843038PW14181	8009938PW1418	3842738PW1418	1/8" - 5/16"
18	44-7/8 x 1/2 x .020	1140 x 12.7 x .5	3843138PW181	8010838PW18	3842538PW18	3/32" - 1/4"
24	44-7/8 x 1/2 x .020	1140 x 12.7 x .5	3843238PW241	8010938PW24	3842638PW24	up to 1/8"



# JIG SAW BLADES



Bi-metal.....	71
High Carbon Steel & LENOX <i>DIAMOND</i> ™ .....	72
Carbide Grit, Jig Saw Blade Sets & Air Saw Blades...	73
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# BI-METAL JIG SAW BLADES

Ideal for Wood Working and Metal Cutting

### PRECISION CUTTING

Super sharp to cut fast without deflection

### SMOOTH FINISH

Ground to precision sharpness for straight cuts and a smooth finish

### IDEAL FOR WOODWORKING

Designed for optimal performance in wood cutting, including hardwoods

### SHATTER RESISTANT

Bi-metal technology flexes and resists breaking and extends blade life



	LENGTH			SHAPE	PROCESS	2-PACK PROD NO	5-PACK PROD NO	25-PACK PROD NO	APPLICATION	COMPETITIVE CROSS REFERENCE
	TPI	IN	MM							BOSCH®
WOOD CUTTING T-SHANK	6	4	102		Milled	20305BT406S	—	20812B406S	Fast, rough cut	T144DF
	6	4	102		Ground	20315BT456S	20850F456S	20781B456S	Very fast, clean cut	
	10	4	102		Milled	20306BT410S	20851F410S	20813B410S	Fast, nail-embedded wood	T127DF
	10	4	102		Ground	20313BT450S	20842F450S	20814B450S	Clean, smooth cut	T101BF
	10D	4	102		Ground	20314BT450SR	20843F450SR	20782B450SR	Down cut	T101BRF
	20	3-1/4	82.5		Ground	20311BT320SC	—	—	Scroll cut, laminates	T101AOF
METAL CUTTING T-SHANK	14	3-5/8	92.1		Milled	20301BT314S	20832F314S	20815B314S	Thick metal	T188BF/T118B
	18	3-5/8	92.1		Milled	20302BT318S	20834F318S	20816B318S	Medium metal	T118EF
	18	5-1/4	133.4		Milled	20308BT518S	20854F518S	—	Medium metal	T318B
	24	3-5/8	92.1		Milled	20303BT324S	20835F324S	20817B324S	Thin metal	T118A/T118AF
	32	3-5/8	92.1		Milled	20803BT332S	—	—	Very thin metal	T118G
WOOD CUTTING U-SHANK	6	4	102		Milled	20329BT486J	20652F486J	—	Fast, rough cut	U111DF
	6	4	102		Ground	20337BT456J	—	20784B456J	Very fast, clean cut	U101DF
	6	6	102		Milled	20331BT686J	—	—	Fast cut	—
	10	4	102		Milled	20328BT480J	20654F480J	—	Fast, nail-embedded wood	—
	10	4	102		Ground	20335BT450J	20648F450J	20702B450J	Clean, smooth cut	U101BF
	10D	4	102		Ground	20336BT450JR	—	20791B450JR	Down cut	—
20	2-3/4	69.9		Ground	20333BT320JC	—	—	Scroll cut, laminates	U1A0F	
METAL CUTTING U-SHANK	14	3-5/8	92.1		Milled	20321BT314J	20641F314J	20705B314J	Thick metal	U118B/U118BF
	18	3-5/8	92.1		Milled	20322BT318J	20643F318J	20706B318J	Medium metal	U118E/U118EF
	18	5-1/4	133.4		Milled	20330BT518J	—	—	Medium metal	—
	24	3-5/8	92.1		Milled	20323BT324J	20644F324J	20707B324J	Thin metal	U118A/U118AF
	32	3-5/8	92.1		Milled	20609BT332J	—	—	Very thin metal	U118G/U118GF

BOSCH is a registered trademark of Robert Bosch Tool Corporation

## HIGH CARBON STEEL JIG SAW BLADES

Ideal for Woodworking

### PRECISION CUTTING

Super sharp to cut fast without deflection

### SMOOTH FINISH









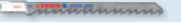



Ground to precision sharpness for straight cuts and a smooth finish

### IDEAL FOR WOODWORKING

Designed for optimal performance in wood cutting, including hardwoods




COMPETITIVE CROSS REFERENCE BOSCH®

	TPI	LENGTH		SHAPE	PROCESS	2-PACK PROD NO	5-PACK PROD NO	25-PACK PROD NO	APPLICATION	BOSCH®
		IN	MM							
T-SHANK JIG SAW BLADES	6	4	102		Milled	20750CTS406S	20298CFS406	—	Fast, rough cut	T111C
	6	4	102		Ground	20751CT456S	20297CF456S	20292BC456S	Very fast, clean	T101D
	6	3-5/8	92.1		Ground	20312CT416SC	—	—	Scroll cut	T244D
	10	4	102		Ground	20752CT450S	20296CF450S	20291BC450S	Clean, smooth cut	T101B
	10D	4	102		Ground	20753CT450SR	20295CF450SR	—	Down cut	T101BR
	20	3-1/4	82.5		Ground	20754CT320SC	20299CF320SC	—	Scroll cut, laminates	T101A0
U-SHANK JIG SAW BLADES	6	4	102		Milled	20755CTS406J	—	—	Fast, rough cut	U111D
	6	4	102		Ground	20756CT456J	—	—	Very fast, clean cut	U101D
	6	3-5/8	92.1		Ground	20334CT416JC	—	—	Scroll cut	U244D
	10	4	102		Ground	20757CT450J	—	—	Clean, smooth cut	U101B
	10D	4	102		Ground	20758CT450JR	—	—	Down cut	U101BR
	20	2-3/4	69.9		Ground	20759CT320JC	—	—	Scroll cut, laminates	U101A0

BOSCH is a registered trademark of Robert Bosch Tool Corporation

## LENOX DIAMOND™ GRIT JIG SAW BLADE



TPI	LENGTH		SHAPE	PROCESS	1-PACK PROD NO	APPLICATION
	IN	MM				
Grit	3	76.2		Grit	12149	Ceramic Tile, Fiberglass

## CARBIDE GRIT JIG SAW BLADES



TPI	LENGTH		SHAPE	PROCESS	2-PACK PROD NO	5-PACK PROD NO	APPLICATION	COMPETITIVE CROSS REFERENCE
	IN	MM						BOSCH®
Grit	3	76.2		Grit	20300GT300S	20830F300SG	Ceramic Tile	T130RF3
Grit	3	76.2		Grit	20320GT300J	—	Ceramic Tile	—

BOSCH is a registered trademark of Robert Bosch Tool Corporation

## JIG SAW BLADE SETS

### BI-METAL SETS

### HIGH CARBON SETS



**20868U743SA**  
**7 PIECE T-SHANK**  
**BI-METAL SET**  
 456S, 450SR, 450S,  
 406S, 324S, 318S, 314S  
 Vinyl pouch

**20606U743JA**  
**7 PIECE U-SHANK**  
**BI-METAL SET**  
 456J, 450JR, 450J,  
 406J, 324J, 318J, 314J  
 Vinyl pouch

**20764C543SA**  
**5 PIECE T-SHANK**  
**MULTI-PURPOSE SET**  
 456S, 450S, 324S,  
 320SC, 318S  
 Blister pack

**20769C543JA**  
**5 PIECE U-SHANK**  
**MULTI-PURPOSE SET**  
 456J, 450J, 324J,  
 320JC, 318J  
 Blister pack

## AIR SAW BLADES

Maximum Durability for Pneumatic Machine Cutting

### SHATTER RESISTANT

Bi-metal blades bend and resist breaking and extend blade life

### LONG LASTING

High speed steel teeth provide a strong, long lasting cutting edge



TPI	LENGTH x WIDTH x THICKNESS		5-PACK PROD NO	25-PACK PROD NO	APPLICATION
	IN	MM			
18	4 x 1/2 x .025	102 x 12.7 x .6	20426418T	20423B418T	For pneumatic machine cutting applications in automotive repair & sheet metal
24	4 x 1/2 x .025	102 x 12.7 x .6	20427424T	20424B424T	
32	4 x 1/2 x .025	102 x 12.7 x .6	20428432T	20425B432T	





*"One LENOX blade easily lasts as long as 20 of the blades we used before. They cut like butter. You hardly have to put any pressure on the LENOX blades, and they cut in at least half the time."*

-CHARLIE LASTOWSKI, SR. SUPERINTENDENT  
CHAMBERLAIN WATERPROOFING  
AND ROOFING

## METAL CUTTING CIRCULAR SAW BLADES

# METAL CUTTING CIRCULAR SAW BLADES

A Faster Way to Cut Metal™

### EXTENDED LIFE

Titanium carbide tipped  
Resists material build-up on teeth

### CLEAN, COOL CUTS

Less burr than abrasive blades  
No need for secondary grinding  
Reduced material burning

### MODIFIED TRIPLE CHIP GRIND

For added durability

### RESHARPENABLE



	DIAMETER		PROD NO	TOOTH COUNT	RPM	ARBOR		APPLICATION
	IN	MM				IN	MM	
STEEL	5-3/8	135	21876ST538030CT	30	3500	—	20	Structurals Thick walled pipe Threaded rod Channel steel Plate Solid steel
	6-3/4	171	21878ST634040CT	40	5800	—	20	
	7	180	21879ST700038CT	38	4300	—	20	
	7-1/4	184	21881ST714040CT	40	5800	5/8	16	
	8	203	21884ST800050CT	50	5800	5/8	16	
	9	230	21885ST900048CT	48	5200	1	25.4	
	10	254	21886ST100052CT	52	5200	5/8	16	
	12	305	21888ST120060CT	60	1500	1	25.4	
THIN STEEL	14	355	21891ST140080CT	80	1800	1	25.4	Sheet metal Thin walled pipe Metal roofing Metal decking
	6-1/2	165	21877TS612048CT	48	5800	5/8	16	
	7	180	21880TS700068CT	68	4300	—	20	
	7-1/4	184	21883TS714068CT	68	5800	5/8	16	
	12	305	21890TS120080CT	80	1500	1	25.4	
ALUMINUM	14	355	21893TS140090CT	90	1800	1	25.4	Aluminum Copper Brass
	7-1/4	184	21882AL714060CT	60	5800	5/8	16	
	10	254	21887AL100080CT	80	5200	5/8	16	
	12	305	21889AL120080CT	80	4000	1	25.4	
	14	355	21892AL140080CT	80	3000	1	25.4	



# HOLE SAWS

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### BI-METAL HOLE SAWS

Long Lasting, Fast Cutting and Versatile



**DURABLE**

TUFF TOOTH design is reinforced to cut stronger and last longer

**LONG LASTING**

Patented VARI-TOOTH® design resists tooth strippage

**STAYS SHARP**

High speed steel teeth resist breaking and offer extended life

**WITHSTANDS HIGH TORQUE**

Thick backing plate with holes for drive pins resists damage due to high torque



DIAMETER IN	MM	1 PER BOX PROD NO	1 PER BLISTER SEAL PROD NO	ARBORED 1-PACK PROD NO	PIPE TAP		PIPE ENTRANCE		USE ARBOR	
					IN	MM	IN	MM	SNAP-BACK™	STANDARD
9/16	14.3	300099L	—	122089A	—	—	—	—	5L	1L, 4L or 5L
5/8	15.9	3001010L	12163K10L	1220910A	—	—	—	—	5L	1L, 4L or 5L
11/16	17.5	3001111L	—	1221011A	—	—	—	—	5L	1L, 4L or 5L
3/4	19.1	3001212L	12164K12L	1221112A	1/2	12.7	3/8	9.5	5L	1L, 4L or 5L
25/32	19.8	3009820MMHS	12195K20MMHS	1221220MMA	—	—	—	—	5L	1L, 4L or 5L
13/16	20.6	3001313L	—	1221313A	—	—	—	—	5L	1L, 4L or 5L
7/8	22.2	3001414L	12165K14L	1221414A	3/4	19.1	1/2	12.7	5L	1L, 4L or 5L
15/16	23.8	3001515L	—	1221515A	—	—	—	—	5L	1L, 4L or 5L
1	25.4	3001616L	12166K16L	1221616A	—	—	—	—	5L	1L, 4L or 5L
1-1/16	27.0	3001717L	12167K17L	1221717A	—	—	—	—	5L	1L, 4L or 5L
1-1/8	28.6	3001818L	12168K18L	1221818A	1	25.4	3/4	19.1	5L	1L, 4L or 5L
1-3/16	30.2	3001919L	—	1221919A	—	—	—	—	5L	1L, 4L or 5L
1-1/4	31.8	3002020L	12169K20L	1222020A	—	—	—	—	2L, 6L	2L, 3L or 6L
1-5/16	33.3	3002121L	—	1222121A	—	—	—	—	2L, 6L	2L, 3L or 6L
1-3/8	34.9	3002222L	12170K22L	1222222A	—	—	1	25.4	2L, 6L	2L, 3L or 6L
1-7/16	36.5	3002323L	—	1222323A	—	—	—	—	2L, 6L	2L, 3L or 6L
1-1/2	38.1	3002424L	12171K24L	1222424A	1-1/4	31.8	—	—	2L, 6L	2L, 3L, 6L or 7L
1-9/16	39.7	3002525L	—	1222525A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
1-5/8	41.3	3002626L	12172K26L	1222626A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
1-11/16	42.9	3002727L	—	1222727A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
1-3/4	44.5	3002828L	12173K28L	1222828A	1-1/2	38.1	1-1/4	31.8	2L, 6L	2L, 3L, 6L or 7L
1-13/16	46.0	3002929L	—	1222929A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
1-7/8	47.6	3003030L	12174K30L	1223030A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2	50.8	3003232L	12175K32L	1223132A	—	—	1-1/2	38.1	2L, 6L	2L, 3L, 6L or 7L
2-1/16	52.4	3003333L	—	1223233A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-1/8	54.0	3003434L	12176K34L	1223334A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-1/4	57.2	3003636L	12177K36L	1223436A	2	50.8	—	—	2L, 6L	2L, 3L, 6L or 7L
2-5/16	58.7	3003636L	—	1223537A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-3/8	60.3	3003737L	12178K38L	1223638A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-1/2	63.5	3004040L	12179K40L	1223740A	—	—	2	50.8	2L, 6L	2L, 3L, 6L or 7L



DIAMETER		1 PER BOX PROD NO	1 PER BLISTER SEAL PROD NO	ARBORED 1-PACK PROD NO	PIPE TAP		PIPE ENTRANCE		USE ARBOR	
IN	MM				IN	MM	IN	MM	SNAP-BACK™	STANDARD
2-9/16	65.1	3004141L	—	1223841A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-5/8	66.7	3004242L	12180K42L	1223942A	2-1/2	63.5	—	—	2L, 6L	2L, 3L, 6L or 7L
2-11/16	68.3	3004343L	12181K43L	—	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-3/4	69.9	3004444L	12182K44L	1224044A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
2-7/8	73.0	3004646L	—	1224146A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
3	76.2	3004848L	12183K48L	1224248A	—	—	2-1/2	63.5	2L, 6L	2L, 3L, 6L or 7L
3-1/8	79.4	3005050L	12184K50L	1224350A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
3-1/4	82.6	3005252L	12185K52L	1224452A	3	76.2	—	—	2L, 6L	2L, 3L, 6L or 7L
3-3/8	85.7	3005454L	—	1224554A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
3-1/2	88.9	3005656L	12186K56L	1224656A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
3-5/8	92.1	3005858L	12187K58L	1224758A	—	—	3	76.2	2L, 6L	2L, 3L, 6L or 7L
3-3/4	95.3	3006060L	—	1224860A	3-1/2	85.7	—	—	2L, 6L	2L, 3L, 6L or 7L
3-7/8	98.4	3006262L	—	1224962A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
4	101.6	3006464L	12188K64L	1225064A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
4-1/8	104.8	3006666L	12189K66L	1225166A	—	—	3-1/2	85.7	2L, 6L	2L, 3L, 6L or 7L
4-1/4	108.0	3006868L	12190K68L	1225268A	4	95.3	—	—	2L, 6L	2L, 3L, 6L or 7L
4-3/8	111.1	3007070L	—	1225370A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
4-1/2	114.3	3007272L	12191K72L	1225472A	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
4-5/8	117.5	3007474L	—	—	—	—	4	95.3	2L, 6L	2L, 3L, 6L or 7L
4-3/4	120.7	3007676L	12192K76L	1225576A	4-1/2	108.0	—	—	2L, 6L	2L, 3L, 6L or 7L
5	127.0	3008080L	12193K80L	—	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
5-1/2	139.7	3008888L	—	—	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L
6	152.4	3009696L	12194K96L	—	—	—	—	—	2L, 6L	2L, 3L, 6L or 7L

## CONTRACTOR'S HOLE SAW 5 PACKS

### VALUE & CONVENIENCE

Unique packaging provides value and convenience for high volume users

PROD NO	IN	MM
10735B14L	7/8	22.2
10736B16L	1	25.4
10737B18L	1-1/8	28.6
10738B20L	1-1/4	31.8
10739B22L	1-3/8	34.9
10740B24L	1-1/2	38.1
10741B28L	1-3/4	44.5
10742B32L	2	50.8





## SNAP-BACK™ ARBORS

No tools. No adaptors. No screwing around.

**QUICK CHANGE**

Faster and easier to engage/disengage hole saw

**PREVENTS THREADS FROM STRIPPING**

Drives off pins, not threads

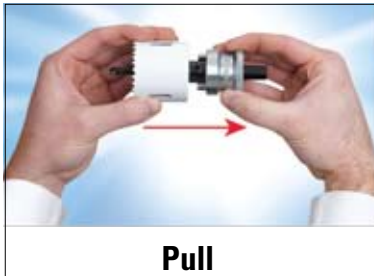
**NO TOOLS NEEDED**

Prevents hole saw from locking on arbor

**NO ADAPTOR REQUIRED**

Arbor threads directly into all hole saws

**EASIER PLUG REMOVAL**



PROD NO	DESC	FITS HOLE SAWS	IN	SIZES		THREAD SIZE	SHANK TYPE	SHANK SIZE	
				MM				IN	MM
12202K2LSC	2L	20L-96L	1-1/4-6	31.8-152.4		5/8-18	Hex	1/2 & larger	12.7 & larger
12203K5LSC	5L	9L-19L	9/16-1-3/16	14-30		1/2-20	Hex	3/8 & larger	9.5 & larger
12204K6L	6L	20L-96L	1-1/4-6	31.8-152.4		5/8-18	Hex	3/8 & larger	9.5 & larger



2L



5L



6L

# STANDARD ARBORS & ACCESSORIES

Arbors & Accessories for All Your Drilling Needs

### ADDED DURABILITY

Hardened carbon steel for strength

### STARTS ON CONTACT

Split point pilot drill for faster penetration and less walking



LENOX 6L Arbor with quick change feature (product no 300066L)

	PROD NO	DESC	FITS HOLE SAWS	SIZES		SHANK TYPE	SHANK SIZE		PRIMARY FEATURE
				IN	MM		IN	MM	
ARBORS	300011L	1L	9L-19L	9/16-1-3/16	14.3-30.2	Hex	1/2 & larger	12.7 & larger	Adjustable pilot bit
	300022L	2L	20L-96L	1-1/4-6	31.8-152.4	Hex	1/2 & larger	12.7 & larger	Use for enlarging holes, adjustable pilot bit
	300033L	3L	20L-96L	1-1/4-6	31.8-152.4	Solid/Hex	1/2 & larger	12.7 & larger	—
	300044L	4L	9L-19L	9/16-1-3/16	14.3-30.2	3 sided	1/4 & larger	6.4 & larger	Adjustable pilot bit, 3 flats on shank
	300055L	5L	9L-19L	9/16-1-3/16	14.3-30.2	Hex	3/8 & larger	9.5 & larger	Use for 9A-19A arbored hole saws
	300066L	6L	20L-96L	1-1/4-6	31.8-152.4	Hex	3/8 & larger	9.5 & larger	Quick change arbor
	300077L	7L	24L-96L	1-1/2-6	31.8-152.4	Hex	3/8 & larger	9.5 & larger	Plug ejection feature

	PROD NO	DESCRIPTION	CHUCK SIZE		FITS ARBOR	
			IN	MM	SNAP BACK™	STANDARD
ACCESSORIES	308504321	Pilot Drill (1/pack)	1/4	6.4	2L	1L, 2L or 4L
	30853B4321	Pilot Drill (25/pack)	1/4	6.4	2L	1L, 2L or 4L
	3085156PD	Pilot Drill (1/pack)	1/4	6.4	5L, 6L	3L, 5L, 6L or 7L
	30297123CT	Carbide Tipped Pilot Drill (1/pack)	1/4	6.4	2L	1L, 2L, 4L or 7L
	3029865CTPD	Carbide Tipped Pilot Drill (1/pack)	1/4	6.4	5L, 6L	5L or 6L
	30857AA1	Arbor Adaptor (5/pack)	—	—	5L	1L, 4L or 5L
	3084818X	18" Extension (1/pack)	1/2 & larger	12.7 & larger	2L	1L, 2L or 3L
	3084712 X	12" Extension (1/pack)	1/2 & larger	12.7 & larger	2L	1L, 2L or 3L
	3084310X	* 10" Extension (1/pack)	3/8 & larger	9.5 & larger	5L, 6L	5L, 6L or 7L
	3084655X	5-1/2" Extension (1/pack)	1/2 & larger	12.7 & larger	2L	1L, 2L or 3L
	2910114	1/4" Set Screw - 6L				
	29102516	5/16" Set Screw - 1L, 4L, 5L, Extn				
	2910312SETSCREW	1/2" Set Screw - 2L				

\* Fits arbored hole saws



### BI-METAL HOLE SAW KITS

Convenient Storage for Trade-Specific Uses

**DURABLE**

Durable construction resists damage caused by drops and tough workplace environments

**SECURE**

Latches close case tightly and securely  
Lockable with standard padlocks

**LONG LASTING**

Metal latches and metal pin hinges won't break or tear



COMPACT KIT  
4 $\frac{5}{8}$ "h x 7"w

MEDIUM KIT  
8"h x 11"w

LARGE KIT  
10"h x 14 $\frac{1}{2}$ "w



### GENERAL PURPOSE KITS



**30807700G**  
**9 PIECE KIT**  
7/8", 1", 1-1/4", 1-3/8", 1-1/2",  
1-3/4", 2-1/8"  
SNAP-BACK Arbors: 5L, 6L  
MEDIUM KIT



**308201200G**  
**17 PIECE KIT**  
5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4",  
1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3"  
SNAP-BACK Arbor: 2L  
Arbor: 1L. Three 4321 pilot drills  
LARGE KIT



**30370400G**  
**5 PIECE KIT**  
2", 3", 3-3/8", 4-1/8"  
SNAP-BACK Arbor: 2L  
LARGE KIT



**308042000G**  
**26 PIECE KIT - BIG DADDY™**  
3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2",  
1-3/4", 2", 2-1/8", 2-1/4", 2-1/2",  
2-11/16", 3", 3-1/4", 3-3/8", 3-5/8",  
3-3/4", 4-1/8", 4-1/2", 4-3/4"  
SNAP-BACK Arbors: 2L, 6L  
Arbor: 1L. Two 4321 and one  
56PD pilot drills  
LARGE KIT



**30374500G**  
**9 PIECE KIT**  
2-1/8", 2-9/16", 3-1/4", 3-3/4", 4-3/4"  
SNAP-BACK Arbor: 2L  
Three 4321 pilot drills  
LARGE KIT

**ELECTRICIAN'S KITS**



**30856C600L**  
**9 PIECE KIT**  
 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"  
 SNAP-BACK Arbors: 2L, 5L  
 One arbor adaptor  
 MEDIUM KIT



**30800600L**  
**10 PIECE KIT**  
 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"  
 SNAP-BACK Arbors: 2L, 5L  
 One 4321 pilot drill  
 One arbor adaptor  
 LARGE KIT



**308021200L**  
**17 PIECE KIT**  
 3/4", 7/8", 1-1/8", 1-3/8", 1-3/4", 2",  
 2-1/2", 2-11/16", 3", 3-5/8", 4-1/8",  
 4-3/4". SNAP-BACK Arbors: 2L, 5L  
 Two 4321 and one 56PD pilot drills  
 LARGE KIT

**PLUMBER'S KITS**



**30860C600P**  
**9 PIECE KIT**  
 3/4", 7/8", 1-1/8", 1-3/8", 2", 2-1/2"  
 SNAP-BACK Arbors: 2L, 5L  
 One arbor adaptor  
 MEDIUM KIT



**30808600P**  
**10 PIECE KIT**  
 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"  
 SNAP-BACK Arbors: 2L, 5L  
 One 4321 pilot drill  
 One arbor adaptor  
 LARGE KIT



**308011200P**  
**17 PIECE KIT**  
 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4",  
 2-9/16", 3", 3-1/2", 4", 4-1/4", 4-1/2"  
 SNAP-BACK Arbors: 2L, 5L  
 Two 4321 and one 56PD pilot drills  
 LARGE KIT

**REFRIGERATION KIT**



**30830600R**  
**8 PIECE KIT**  
 5/8", 7/8", 1-1/8", 1-3/8", 1-5/8", 2-1/8"  
 SNAP-BACK Arbors: 5L, 6L  
 MEDIUM KIT

**WELDER'S KIT**



**14789600W**  
**9 PIECE KIT**  
 3/4", 7/8", 1", 1-1/4", 1-1/2", 2"  
 SNAP-BACK Arbors: 2L, 6L  
 One Arbor Adaptor  
 MEDIUM KIT

**AUTOMOTIVE KIT**



**30805500A**  
**7 PIECE KIT**  
 3/4", 7/8", 1", 1-1/8", 1-1/4"  
 Arbor: 5L  
 One arbor adaptor  
 COMPACT KIT



### CARBIDE TIPPED HOLE SAWS

Designed for Cutting Tile and Stainless Steel

#### LONG TOOL LIFE

Heat resistant carbide teeth for long life in tile and stainless steel

#### ADDED DURABILITY

Thick backing plate resists damage and increases life

#### UNIQUE TOOTH CONFIGURATION

Engineered design provides ability to cut in stainless steel like no other

#### USE STANDARD ARBOR OR *SNAP-BACK™* ARBOR



1 PER PACK PROD NO	DIAMETER		PIPE TAP		PIPE ENTRANCE		USE ARBOR	
	IN	MM	IN	MM	IN	MM	SNAP-BACK	STANDARD
3021111CT	11/16	17.5	—	—	—	—	—	1L or 4L
3021212CT	3/4	19.1	1/2	12.7	3/8	9.5	—	1L or 4L
3021414CT	7/8	22.2	3/4	19.1	1/2	12.7	—	1L or 4L
3021616CT	1	25.4	—	—	—	—	—	1L or 4L
3021818CT	1-1/8	28.6	1	25.4	3/4	19.1	—	1L or 4L
3022020CT	1-1/4	31.8	—	—	—	—	2L	2L
3022222CT	1-3/8	34.9	—	—	1	25.4	2L	2L
3022424CT	1-1/2	38.1	1-1/4	31.8	—	—	2L	2L or 7L
3022626CT	1-5/8	41.3	—	—	—	—	2L	2L or 7L
3022828CT	1-3/4	44.5	1-1/2	38.1	1-1/4	31.8	2L	2L or 7L
3023232CT	2	50.8	—	—	1-1/2	38.1	2L	2L or 7L
3023434CT	2-1/8	54.0	—	—	—	—	2L	2L or 7L
3023636CT	2-1/4	57.2	2	50.8	—	—	2L	2L or 7L
3023838CT	2-3/8	60.3	—	—	—	—	2L	2L or 7L
3024040CT	2-1/2	63.5	—	—	2	50.8	2L	2L or 7L
3024141CT	2-9/16	65.1	—	—	—	—	2L	2L or 7L
3024242CT	2-5/8	66.7	2-1/2	63.5	—	—	2L	2L or 7L
3024343CT	2-11/16	68.3	—	—	—	—	2L	2L or 7L
3024848CT	3	76.2	—	—	2-1/2	63.5	2L	2L or 7L
3025252CT	3-1/4	82.6	3	76.2	—	—	2L	2L or 7L
3025454CT	3-3/8	85.7	—	—	—	—	2L	2L or 7L
3025656CT	3-1/2	88.9	—	—	—	—	2L	2L or 7L
3025858CT	3-5/8	92.1	—	—	3	76.2	2L	2L or 7L
3026060CT	3-3/4	95.3	3-1/2	88.9	—	—	2L	2L or 7L
3026464CT	4	101.6	—	—	—	—	2L	2L or 7L
3026666CT	4-1/8	104.8	—	—	3-1/2	88.9	2L	2L or 7L
3026868CT	4-1/4	108.0	4	101.6	—	—	2L	2L or 7L
3027272CT	4-1/2	114.3	—	—	—	—	2L	2L or 7L
3027676CT	4-3/4	120.7	4-1/2	114.3	4	101.6	2L	2L or 7L
3028080CT	5	127.0	—	—	—	—	2L	2L or 7L
3028888CT	5-1/2	139.7	—	—	—	—	2L	2L or 7L
3029696CT	6	152.4	—	—	—	—	2L	2L or 7L

Recommended RPM for each Carbide Tipped Hole Saw on page 46

Note: We recommend the use of a carbide tipped pilot drill when cutting ceramic wall tile.

Pilot drill 123CT fits the SNAP-BACK 2L or standard arbors 1L, 2L, 4L or 7L. Pilot drill 65CTPD fits the SNAP-BACK 2L or standard arbors 5L and 6L. See page 39.



**30294600CTP**  
**8 PIECE PLUMBER'S KIT**  
 3/4", 7/8", 1-1/8", 1-1/2",  
 1-3/4", 2-1/4"  
*SNAP-BACK* Arbor: 2L  
 Arbor: 1L  
 MEDIUM KIT



**30295600CTL**  
**8 PIECE ELECTRICIAN'S KIT**  
 7/8", 1-1/8", 1-3/8", 1-3/4",  
 2", 2-1/2"  
*SNAP-BACK* Arbor: 2L  
 Arbor: 1L  
 MEDIUM KIT



**302901100CTG**  
**15 PIECE**  
**GENERAL PURPOSE KIT**  
 3/4", 7/8", 1", 1-1/8", 1-1/4",  
 1-3/8", 1-1/2", 1-3/4", 2",  
 2-9/16", 3"  
*SNAP-BACK* ARBOR: 2L  
 Arbor: 1L  
 Two 123CT pilot drills  
 LARGE KIT

# CARBIDE GRIT HOLE SAWS

Best for Cutting Abrasive Materials

### CUTS ABRASIVE MATERIALS

Tungsten carbide grit cuts through fiberglass, ceramic tile, laminates and other abrasive materials

### CLEAN CUTTING

Carbide grit edge will not snag or chip when cutting thin materials

USE STANDARD ARBOR OR *SNAP-BACK™* ARBOR



1 PER BOX PROD NO	DIAMETER		PIPE TAP		PIPE ENTRANCE		USE ARBOR	
	IN	MM	IN	MM	IN	MM	<i>SNAP-BACK</i>	STANDARD
2991212CG	3/4	19.1	1/2	12.7	3/8	9.5		1L or 4L
2999820MMCG	25/32	19.8	—	—	—	—		1L or 4L
2991414CG	7/8	22.2	3/4	19.1	1/2	12.7		1L or 4L
2991616CG	1	25.4	—	—	—	—		1L or 4L
2991818CG	1-1/8	28.6	1	25.4	3/4	19.1		1L or 4L
2992020CG	1-1/4	31.8	—	—	—	—	2L	2L
2992222CG	1-3/8	34.9	—	—	1	25.4	2L	2L
2992424CG	1-1/2	38.1	1-1/4	31.8	—	—	2L	2L or 7L
2992828CG	1-3/4	44.5	1-1/2	38.1	1-1/4	31.8	2L	2L or 7L
2993232CG	2	50.8	—	—	1-1/2	38.1	2L	2L or 7L
2993434CG	2-1/8	54	—	—	—	—	2L	2L or 7L
2993636CG	2-1/4	57.2	2	50.8	—	—	2L	2L or 7L
2993838CG	2-3/8	60.3	—	—	—	—	2L	2L or 7L
2994040CG	2-1/2	63.5	—	—	2	50.8	2L	2L or 7L
2994141CG	2-9/16	65.1	—	—	—	—	2L	2L or 7L
2994848CG	3	76.2	—	—	2-1/2	63.5	2L	2L or 7L
2995252CG	3-1/4	82.6	3	76.2	—	—	2L	2L or 7L
2995858CG	3-5/8	92.1	—	—	3	76.2	2L	2L or 7L
2996464CG	4	101.6	—	—	—	—	2L	2L or 7L
2996666CG	4-1/8	104.8	—	—	3-1/2	88.9	2L	2L or 7L



**29984600CGP**  
**9 PIECE PLUMBER'S KIT**  
 3/4", 7/8", 1-1/8", 1-1/2",  
 2-1/8", 2-9/16"  
*SNAP-BACK* Arbor: 2L  
 Arbor: 1L  
 One arbor adaptor  
 MEDIUM KIT



**29985700CGK**  
**10 PIECE GENERAL PURPOSE KIT**  
 7/8", 1", 1-1/4", 1-3/8", 1-1/2",  
 1-3/4", 2-1/8"  
*SNAP-BACK* Arbor: 2L  
 Arbor: 1L  
 One arbor adaptor  
 MEDIUM KIT

### LENOX *DIAMOND*™ HOLE SAWS

More Holes. Less Time.

#### ONE PIECE HOLE SAWS

##### LONG LASTING

Continuous, brazed edge lasts longer in tile and stone

##### FAST, EASY CUTTING

Low torque, little pressure required

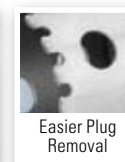
##### EASIER PLUG REMOVAL

Over-sized slot in hole saw for easy plug removal



1 PER PACK PROD NO	IN	MM	PIPE TAP		PIPE ENTRANCE	
			IN	MM	IN	MM
121063DGDS	3/16	5				
121074DGDS	1/4	6				
121085DGDS	5/16	8				
121096DGDS	3/8	10				
121108DGDS	1/2	13				
1211110DGDS	5/8	15				
1211212DGDS	3/4	19	3/4	13	3/8	10
1211416DGDS	1	25				
1211622DGDS	1-3/8	35			1	25
12158DGDS4A	4 pc kit*					

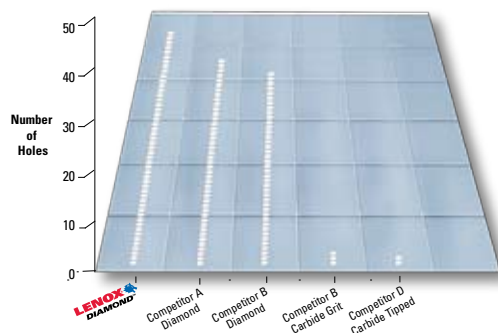
\* Sizes: 3/16", 1/4", 5/16", 3/8"



#### DESIGNED FOR

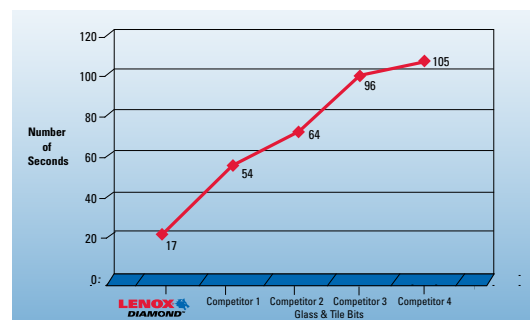
Porcelain Ceramic Slate Granite Marble Glass Fiberglass Travertine Cement Board Laminates

**LENOX *DIAMOND*** ONE PIECE hole saws have a brazed diamond cutting edge creating a robust, consistently long lasting tool.



Material: Grade 5 Porcelain  
Machine: Constant feed on drill press  
Downward Force: 35lbs

**LENOX *DIAMOND*** STANDARD hole saws reduce the time and effort needed to make holes in tile and stone.



Material: Grade 5 Porcelain  
Machine: 650W Bosch Drill  
Downward Force: 35lbs

All tests were performed using the same materials, drills, process and size of product  
BOSCH is a registered trade mark of Robert Bosch Tool Corporation

## LENOX *DIAMOND* HOLE SAWS

More Holes. Less Time.



### STANDARD HOLE SAWS

**LONG LASTING**

Brazed diamond edge for more holes in tile and stone

**DURABLE**

Robust design for greater durability in tough applications

**FAST CUTTING**

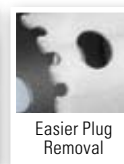
Cuts holes in less time than carbide grit or carbide tipped hole saws

**EASIER PLUG REMOVAL**

Round holes make removing plugs faster and easier

**USE STANDARD ARBOR OR *SNAP-BACK™* ARBOR**

1 PER PACK PROD NO	IN	MM	PIPE TAP		PIPE ENTRANCE		USE ARBOR	
			IN	MM	IN	MM	<i>SNAP-BACK</i>	STANDARD
1211314DGHS	7/8	22	3/4	19	1/2	13	5L	1L, 4L or 5L
1225618DGHS	1-1/8	29	1	25	3/4	19	5L	1L, 4L or 5L
1211520DGHS	1-1/4	32					2L, 6L	2L, 3L or 6L
1211722DGHS	1-3/8	35					2L, 6L	2L, 3L or 6L
1211824DGHS	1-1/2	38	1-1/4	32			2L, 6L	2L, 3L, 6L or 7L
1211932DGHS	2	51			1-1/2	38	2L, 6L	2L, 3L, 6L or 7L
1212040DGHS	2-1/2	64			2	51	2L, 6L	2L, 3L, 6L or 7L



## CARBIDE GRIT RECESSED LIGHTING HOLE SAWS

Best for Cutting Abrasive Materials

**LONG LIFE**

Hard tungsten carbide grit edge for a long life in abrasive materials

**FAST, EASY CUTTING**

Continuous cutting edge for smooth cutting

**LIMITS DUST/DEBRIS**

Solid back design collects dust and debris

**NEW DESIGN**



1 PER BOX PROD NO	DIAMETER		FOR FIXTURES	USE ARBOR	
	IN	MM		<i>SNAP-BACK</i>	STANDARD
30861438RL	4-3/8	111	Capri, Marco & Halo, Mini-Juno	2L	2L
12100538RL	5-3/8	127	Capri, Marco & Halo, Mini-Juno, Lightolier & Halo	2L	2L
30862638RL	6-3/8	162	Capri, Halo, Pathway & Thomas	2L	2L
30863658RL	6-5/8	168	Juno, Progress & Pathway	2L	2L
30864678RL	6-7/8	175	Capri, Hubbell®, Lightolier®, Lithonia®, Marco, Prescolite®, Progress	2L	2L

Use 123CT or 4321 Pilot Drill

HALO is a registered trademark of Halo Lighting, JUNO is a registered trademark of Juno Lighting Inc., LITHONIA is a registered trademark of Lithonia, Inc., LIGHTOLIER is a registered trademark of Lightolier, Inc., and PRESCOLITE is a registered trademark of Prescolite, Inc.



## RECOMMENDED HOLE SAW RPM

### BI-METAL

DIAMETER		MILD	TOOL &	CAST	BRASS	ALUM
IN	MM	STEEL	STAINLESS	IRON		
9/16	14.3	580	300	400	790	900
5/8	15.9	550	275	365	730	825
11/16	17.5	500	250	330	665	750
3/4	19.1	460	230	300	600	690
25/32	19.8	425	210	280	560	630
13/16	20.6	425	210	280	560	630
7/8	22.2	390	195	260	520	585
15/16	23.8	370	185	245	495	555
1	25.4	350	175	235	470	525
1-1/16	27.0	325	160	215	435	480
1-1/8	28.6	300	150	200	400	450
1-3/16	30.2	285	145	190	380	425
1-1/4	31.8	275	140	180	360	410
1-5/16	33.3	260	135	175	345	390
1-3/8	34.9	285	145	190	380	425
1-7/16	36.5	240	120	160	315	360
1-1/2	38.1	230	115	150	300	345
1-9/16	39.7	220	110	145	290	330
1-5/8	41.3	210	105	140	280	315
1-11/16	42.9	205	100	135	270	305
1-3/4	44.5	195	95	130	250	295
1-13/16	46.0	190	95	125	250	285
1-7/8	47.6	180	90	120	240	270
2	50.8	170	85	115	230	255
2-1/16	52.4	165	80	110	220	245
2-1/8	54.0	160	80	105	210	240
2-1/4	57.2	150	75	100	200	225
2-5/16	58.7	140	70	95	190	220
2-3/8	60.3	140	70	95	190	220
2-1/2	63.5	135	65	90	180	205
2-9/16	65.1	130	65	85	175	200
2-5/8	66.7	130	65	85	170	195
2-3/4	69.9	125	60	80	160	185
2-7/8	73.0	120	60	80	160	180
3	76.2	115	55	75	150	170
3-1/8	79.4	110	55	70	140	165
3-1/4	82.6	105	50	70	140	155
3-3/8	85.7	100	50	65	130	150
3-1/2	88.9	95	45	65	130	145
3-5/8	92.1	95	45	60	120	140
3-3/4	95.3	90	45	60	120	135
3-7/8	98.4	85	40	55	110	130
4	101.6	85	40	55	110	130
4-1/8	104.8	80	40	55	110	120
4-1/4	108.0	80	40	55	110	120
4-3/8	111.1	75	35	50	100	105
4-1/2	114.3	75	35	50	100	105
4-3/4	120.7	70	35	45	90	95

*Suggested RPMs only*

### CARBIDE TIPPED

DIAMETER		ALUM	PLASTIC	FIBER-GLASS	CERAMIC TILE	PARTICLE BOARD	CAST IRON	COMPUTER FLOORING
IN	MM							
3/4	19.1	1700	3430	250	500	3430	410	550
7/8	22.2	1500	2940	210	430	2940	180	470
1	25.4	1300	2570	190	370	2570	150	410
1-1/8	28.6	1100	2290	170	330	2290	140	370
1-3/8	34.9	900	1870	140	270	1870	110	300
1-1/2	38.1	900	1710	120	250	1710	100	270
1-3/4	44.5	700	1470	110	210	1470	90	240
2	50.8	600	1290	90	190	1290	80	210
2-1/4	57.2	600	1140	80	170	1140	70	180
2-1/2	63.5	500	1030	70	150	1030	60	160
3	76.2	400	860	60	120	860	50	140
3-1/4	82.6	400	790	60	110	790	50	130
3-5/8	92.1	400	710	50	100	710	40	110
3-3/4	95.3	300	690	50	100	690	40	110
4-1/8	104.8	300	620	50	90	620	40	100
4-3/4	120.7	300	540	40	80	540	30	90
5	127.0	200	480	40	80	500	30	90
5-1/2	139.7	200	420	40	70	460	30	80
6	152.4	100	360	30	60	420	30	60

*Suggested RPMs only*

### CARBIDE GRIT

DIAMETER		BRICK, DRYWALL, PORCELAIN, CERAMIC TILE, MARBLE	SLATE, FIBERGLASS, CEMENT BOARD, PARTICLE BOARD, LAMINATES, GRANITE	CAST IRON
IN	MM			
3/4	19.1	800	900	600
25/32	19.8	800	900	600
7/8	22.2	800	900	600
1	25.4	800	900	600
1-1/8	28.6	500	600	400
1-1/4	31.8	500	600	400
1-3/8	34.9	500	600	400
1-1/2	38.1	500	600	400
1-3/4	44.5	500	600	400
2	50.8	400	500	200
2-1/8	54.0	400	500	200
2-1/4	57.2	400	500	200
2-3/8	60.3	200	300	100
2-1/2	63.5	200	300	100
2-9/16	65.1	200	300	100
2-5/8	66.7	200	300	100
3	76.2	200	300	100
3-1/4	82.6	100	200	100
3-5/8	92.1	100	200	100
4	101.6	100	200	100
4-1/8	104.8	100	200	100

*Suggested RPMs only*

### LENOX DIAMOND™ ONE PIECE

DIAMETER		PORCELAIN, CERAMIC, SLATE, GRANITE, MARBLE, GLASS, FIBERGLASS, TRAVERTINE, CEMENT BOARD, LAMINATES
IN	MM	
3/16	5	1500-2000
1/4	6	2000-2500
5/16	8	2000-2500
3/8	10	2000-2500
1/2	13	2000-2500
5/8	15	1500-2000
3/4	19.1	1500-2000













*Suggested RPMs only*

### LENOX DIAMOND STANDARD

DIAMETER		PORCELAIN, CERAMIC, SLATE, GRANITE, MARBLE, GLASS, FIBERGLASS, TRAVERTINE, CEMENT BOARD, LAMINATES
IN	MM	
7/8	22.2	800-1200
1-1/18	28.6	500-900
1-1/4	31.8	500-900
1-3/8	34.9	500-900
1-1/2	38.1	500-900
2	50.8	400-800
2-1/2	63.5	200-600

*Suggested RPMs only*

### HOLE SAW SELECTION GUIDE

	WOOD	NAIL-EMBEDDED WOOD	NON-FERROUS METAL	PLASTICS & COMPOSITES	METAL	STAINLESS STEEL	DRYWALL / PLASTER	CAST IRON	CEMENT BOARD	ABRASIVES	TILE	STONE
												
<b>BEST</b>	CARBIDE TIPPED			CARBIDE GRIT	CARBIDE TIPPED			LENOX® DIAMOND™				
<b>BETTER</b>	BI-METAL		BI-METAL				CARBIDE TIPPED	CARBIDE GRIT				
<b>GOOD</b>	CARBIDE GRIT	—	CARBIDE GRIT	CARBIDE TIPPED	CARBIDE GRIT			CARBIDE GRIT	BI-METAL	—	CARBIDE TIPPED	—









# METAL & WOOD DRILLING

LENOX <i>VARI-BIT</i> ® Step Drill Bits.....	90
Carbide Hole Cutters & LENOX <i>PROTOOL LUBE</i> ® .....	91
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### LENOX VARI-BIT® STEP DRILL BITS

Drills Fast, Clean, Round Holes



**ACCURATE, BURR-FREE HOLES**

Patented two flute design cuts fast, clean, round holes

**STARTS ON CONTACT**












Split point design for faster penetration and less walking

**LONG TOOL LIFE**

Steam oxide coating adds durability

Enhanced flute design removes chips rapidly

Use of LENOX PROTOOL LUBE® recommended to extend tool life

1 PER PACK PROD NO	IN	HOLE SIZES		SHANK SIZE	
		IN	MM	IN	MM
30881VB1		1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2	3.2, 4.0, 4.8, 5.6, 6.4, 7.1, 7.9, 8.7, 9.5, 10.3, 11.1, 11.9, 12.7	1/4	6.4
30882VB2		1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	12.7, 14.3, 15.9, 17.5, 19.1, 20.6, 22.2, 23.8, 25.4	3/8	9.5
30883VB3		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	6.4, 7.9, 9.5, 11.1, 12.7, 14.3, 15.9, 17.5, 19.1	3/8	9.5
30884VB4		3/16, 1/4, 5/16, 3/8, 7/16, 1/2	4.8, 6.4, 7.9, 9.5, 11.1, 12.7	1/4	6.4
30886VB6		3/8, 1/2	9.5, 12.7	1/4	6.4
30887VB7		7/8 (for 1/2 conduit)	22.2 (for 12.7 conduit)	3/8	9.5
30908VB8		3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	4.8, 6.4, 7.9, 9.5, 11.1, 12.7, 14.3, 15.9, 17.5, 19.1, 20.6, 22.2	3/8	9.5
30909VB9		7/8, 1-1/8, 1-7/32	22.2, 28.6, 31.0	3/8	9.5
30888VB11		7/8, 1-1/8 (for 1/2 and 3/4 conduit)	22.2, 28.6 (for 12.7 and 19.1 conduit)	3/8	9.5
30912VB12		7/8, 1-1/8, 1-7/32, 1-1/4, 1-3/8	22.2, 28.6, 31.0, 31.8, 34.9	3/8	9.5
30925VBX8		8" (203mm) Extension. Fits 3/8 (9.5mm) shank & larger. 1 per pack.		3/8	9.5



**30889889**  
**3 PIECE KIT**  
VB1, VB2, VB3  
*COMPACT KIT*



**30926VBK4**  
**4 PIECE KIT**  
VB1, VB2, VB7, VB8  
*COMPACT KIT*



**30929VB30929**  
**4 PIECE KIT**  
VB1, VB3, VB8, VB12  
*COMPACT KIT*



**30927VBKA6**  
**6 PIECE KIT**  
VB1, VB2, VB6, VB7, VB8, VB11  
*COMPACT KIT*



**30973MVB973**  
**3 PIECE METRIC KIT**  
MVB412, MVB1424, MVB618  
*COMPACT KIT*

# CARBIDE HOLE CUTTERS

Designed Specifically for Sheet Metal Hole Cutting

### ACCURATE, BURR-FREE HOLES

Precision ground carbide teeth for fast cutting of clean, round holes

### WILL NOT DAMAGE WORK

Over-drill stopper prevents the tool from penetrating beyond the hole

### STARTS ON CONTACT

Split point pilot bit for faster penetration and less walking



	1 PER BOX PROD NO	DIAMETER		CONDUIT SIZE	USE ARBOR	
		IN	MM		SNAP-BACK™	STANDARD
CARBIDE HOLE CUTTERS	2009212CHC	3/4	19.1	—	5L	5L
	2009314CHC	7/8	22.2	1/2"	5L	5L
	2009416CHC	1	25.4	—	5L	5L
	2009618CHC	1-1/8	28.6	3/4"	5L	5L
	20097195CHC	1-7/32	30.9	—	5L	5L
	2009820CHC	1-1/4	31.8	—		3L
	2010022CHC	1-3/8	34.9	—		3L
	2010224CHC	1-1/2	38.1	—		3L
	2010328CHC	1-3/4	44.5	1-1/4"		3L
	2010432CHC	2	50.8	1-1/2"		3L
	2010534CHC	2-1/8	54.0	—		3L
	2010840CHC	2-1/2	63.5	2"		3L
	2010942CHC	2-5/8	66.7	—		3L
	2011344CHC	2-3/4	69.9	—		3L
	2011448CHC	3	76.2	—		3L

	PROD NO	DESCRIPTION
ACCESSORIES	3087935PD	1/4" Split point stubby pilot bit
	308803CHCAS	Plug ejection springs
	300033L	3L, 1/2" Arbor for 20CHC – 48CHC. Solid hex shank
	300055L	5L, 3/8" Arbor for 11CHC – 19.5CHC. Solid hex shank
	12203K5LSC	5L SNAP-BACK Arbor



**30877300CHC**  
**12 PIECE ELECTRICIAN'S KIT**  
 7/8", 1-1/8", 1-3/8"  
 Arbors: 3L, 5L  
 1/4" split point pilot bit  
 Plug ejection springs  
 1/8" hex wrench  
*COMPACT KIT*



**30878500CHC**  
**15 PIECE ELECTRICIAN'S KIT**  
 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"  
 Arbors: 3L, 5L  
 1/4" split point pilot bit  
 Plug ejection springs  
 1/8" hex wrench  
*MEDIUM KIT*

# LENOX PROTOOL LUBE®

Extends Tool Life

### SHORTENS CUTTING TIME BY UP TO 50%

Provides smoother, cleaner cutting and dramatically longer tool life

### REDUCES HEAT AND FRICTION

Water soluble, so it cleans up with water  
 Biodegradable and non-toxic



PROD NO	DESCRIPTION
68040LNX	6 oz / .17 liter bottle <i>PROTOOL LUBE</i> (12 per pack)
68047	1 gallon / 3.8 liter container <i>PROTOOL LUBE</i>
68048	5 gallon / 18.9 liter container <i>PROTOOL LUBE</i>
68050	55 gallon / 208.2 liter drum <i>PROTOOL LUBE</i>

Use this product as it comes from the container—do not mix with water.  
 MSDS available in hard copy or downloadable from lenoxtools.com

### NFPA CODE SPECS

**HMS/WHMIS**  
 HEALTH INDEX – 1  
 FLAMMABILITY – 0  
 REACTIVITY – 0  
 PERSONAL PROTECTION – A



## BI-METAL SHIP AUGER BITS

Tougher than Nails

### EXTREME DURABILITY

High speed steel cutting edge for superior durability in nail-embedded wood

### LONGER LIFE

High speed steel screw tip increases wear resistance for extended life

### FAST, EASY DRILLING

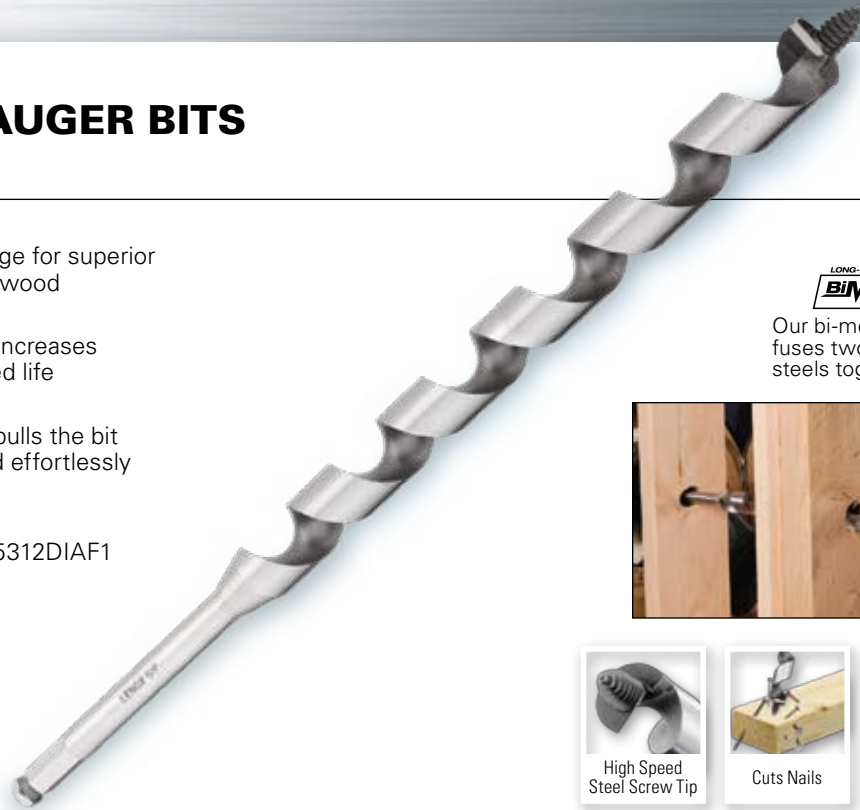
Unique parabolic screw tip pulls the bit through material quickly and effortlessly

### RESHARPENABLE

Resharpener with LENOX Diamond File product no. 25312DIAF1



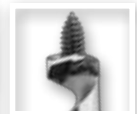
Our bi-metal technology fuses two premium steels together.



High Speed Steel Screw Tip



Cuts Nails



High Speed Steel Cutting Edge



	1 PER PACK PROD NO	HOLE DIAMETER		OVERALL LENGTH		TWIST LENGTH	
		IN	MM	IN	MM	IN	MM
		7-1/2" SHIP AUGER BITS					
1455507A1016	5/8	16	7-1/2	191	4	102	
1455607A1116	11/16	18	7-1/2	191	4	102	
1455707A1216	3/4	19	7-1/2	191	4	102	
1455807A1316	13/16	21	7-1/2	191	4	102	
1455907A1416	7/8	22	7-1/2	191	4	102	
1456007A1516	15/16	24	7-1/2	191	4	102	
1456107A1616	1	25	7-1/2	191	4	102	
1456207A1716	1-1/16	27	7-1/2	191	4	102	
1456307A1816	1-1/8	29	7-1/2	191	4	102	
1456407A2016	1-1/4	32	7-1/2	191	4	102	
1456507A2216	1-3/8	35	7-1/2	191	4	102	
1456607A2416	1-1/2	38	7-1/2	191	4	102	



	1 PER BOX PROD NO	HOLE DIAMETER		OVERALL LENGTH		TWIST LENGTH	
		IN	MM	IN	MM	IN	MM
		18" SHIP AUGER BITS					
145390080616*	3/8	10	18	457	12	305	
145400080716*	7/16	11	18	457	12	305	
145410080816	1/2	13	18	457	12	305	
145420080916	9/16	14	18	457	12	305	
145430081016	5/8	16	18	457	12	305	
145440081116	11/16	18	18	457	12	305	
145450081216	3/4	19	18	457	12	305	
145460081316	13/16	21	18	457	12	305	
145470081416	7/8	22	18	457	12	305	
145480081516	15/16	24	18	457	12	305	
145490081616	1	25	18	457	12	305	
145500081716	1-1/16	27	18	457	12	305	
145510081816	1-1/8	29	18	457	12	305	
145520082016	1-1/4	32	18	457	12	305	
145530082216	1-3/8	35	18	457	12	305	
145540082416	1-1/2	38	18	457	12	305	

\*3/8" shank—all others 1/2" shank



### 31700K31700

#### 16 PIECE, LENOX LEADER® / AUGER KIT

Augers: 7/8", 1-1/8", 1-1/4". Length: 7-1/2"  
 LENOX LEADER bits: 1-1/2", 1-3/4", 2-1/8", 2-9/16"  
 Extension: 5-1/2". Five lead screws  
 Slim Taper File. Hex Wrench Set  
 LARGE KIT

# BI-METAL UTILITY BITS

Tougher Than Nails

### EXTREME DURABILITY

High speed steel cutting edges provide long life in tough applications, including nail-embedded wood

### OPTIMIZED FOR CORDLESS DRILLING

Smooth, effortless drilling extends battery life

### FAST CLEAN CUTTING

Three cutting edges enhance chip removal for a fast, clean hole

### RESHARPENABLE

Resharpener with LENOX Diamond file product no. 25312DIAF1



Our bi-metal technology fuses two premium steels together.



1 PER PACK PROD NO	HOLE SIZE		OVERALL LENGTH	
	IN	MM	IN	MM
1094706A1016	5/8*	16	6	152
1094806A1216	3/4	19	6	152
1094906A1416	7/8	22	6	152
1095006A1616	1	25	6	152
1095106A1816	1-1/8	29	6	152
1095206A2016	1-1/4	32	6	152
1095306A2216	1-3/8	35	6	152

\*1/4" shank—all others 3/8" shank



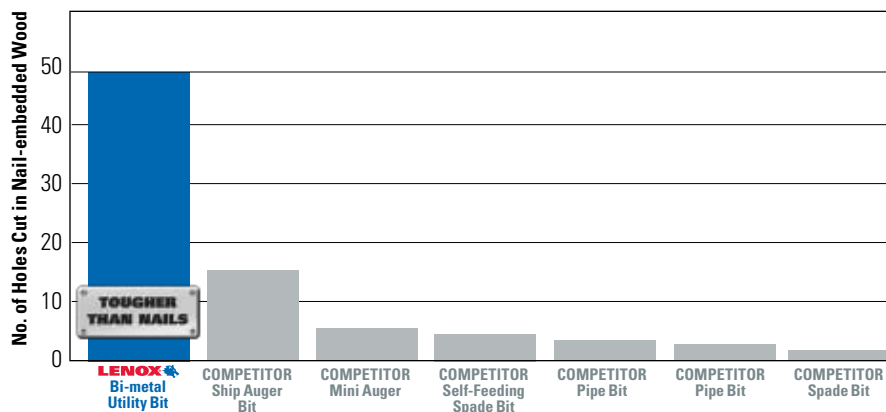
**10954300S**  
**3 PIECE SET**  
3/4", 7/8", 1"



**14787300PS**  
**3 PIECE PLUMBING SET**  
7/8", 1-1/8", 1-3/8"

## TOUGHER THAN NAILS

Drilling through nail-embedded wood damages other wood boring bits. The LENOX Bi-metal Utility Bit cuts through nails without breaking or slowing down, hole after hole.



**10955500K**  
**5 PIECE KIT**  
3/4", 7/8", 1",  
1-1/8", 1-1/4"



**14788500PK**  
**5 PIECE KIT PLUMBING**  
3/4", 7/8", 1",  
1-1/8", 1-3/8"

**Material:** Pressure-treated 4x4  
**Machine:** Milwaukee® Super Hawg®  
**Speed:** 450 RPM

The tests were conducted using the same materials, power tool and process. Each drill bit tested was 7/8" size. A successful test was one in which a hole was completed in under 45 seconds. Milwaukee® is a registered trademark of Milwaukee Electric Tool Corporation.



### LENOX LEADER® SELF-FEED BITS

Designed for Rough-In Work

#### FAST CUTTING

Precision ground teeth and outside diameter threads maximize tool performance

#### INCREASED CAPABILITIES

Extra long to cut through 4x4 with no extension required

#### RESHARPENABLE

Easily re-sharpened with LENOX Slim Taper File (32510STF)



	1 PER PACK PROD NO	DESC	DIAMETER		ENTRANCE FOR PIPE & RIGID CONDUIT		ENTRANCE FOR TUBING	
			IN	MM	IN	MM	IN	MM
LENOX LEADER	33100LL100	LL100	1	25.4	1/2	12.7	7/8	22.2
	33112LL112	LL112	1-1/8	28.6	1/2	12.7	1	25.4
	33125LL125	LL125	1-1/4	31.8	3/4	19.1	1-1/8	28.6
	33137LL137	LL137	1-3/8	34.9	1	25.4	1-1/4	31.8
	33150LL150	LL150	1-1/2	38.1	—	—	1-3/8	34.9
	33175LL175	LL175	1-3/4	44.5	1-1/4	31.8	1-1/2	38.1
	33200LL200	LL200	2	50.8	1-1/2	38.1	1-7/8	47.6
	33212LL212	LL212	2-1/8	54.0	—	—	2	50.8
	33225LL225	LL225	2-1/4	57.2	—	—	2-1/8	54.0
	33256LL256	LL256	2-9/16	65.1	2	50.8	2-1/2	63.5
	33300LL300	LL300	3	76.2	2-1/2	63.5	2-7/8	73.0
	33362LL362	LL362	3-5/8	92.1	3	76.2	3-1/2	88.9
33462LL462	LL462	4-5/8	117.5	4	101.6	4-1/2	114.3	

	PROD NO	DESCRIPTION	FITS LEADER	QUANTITY
				PER PACK
ACCESSORIES	3390012LS	LEADER Lead Screws	LL100-LL256	5
	3398912SS	LEADER Set Screws	LL100-LL256	5
	3390134LS	LEADER Lead Screws	LL300-LL462	1
	3390234SS	LEADER Set Screws	LL300-LL462	5
	32985HWS	Hex Wrench Set, 1/8", 5/32"	—	1
	3084655X	5-1/2" shank extension*	—	1
	3084712X	12" shank extension*	—	1
	3084818X	18" shank extension*	—	1
	32510STF	Slim Taper File	—	1

\*All have 1/2" (13mm) hex shank with 2 set screws to lock LEADER in place



3340033400

#### 12 PIECE LEADER KIT

LENOX LEADER bits: 1-3/8", 1-1/2", 2-1/8", 2-9/16". Extension: 5-1/2"  
Five lead screws. Slim Taper File  
Hex Wrench Set

LARGE KIT



3370033700

#### 16 PIECE LEADER KIT

LENOX LEADER bits: 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2-1/8", 2-9/16"  
Extensions: 5-1/2", 12". Five lead screws  
Slim Taper File. Hex Wrench Set

LARGE KIT



31700K31700

#### 16 PIECE LEADER/AUGER KIT

Augers: 7/8", 1-1/8", 1-1/4". Length: 7-1/2"  
LENOX LEADER bits: 1-1/2", 1-3/4", 2-1/8", 2-9/16"  
Extension: 5-1/2". Five lead screws  
Slim Taper File. Hex Wrench Set

LARGE KIT

# ONE TOOTH® ROUGH WOOD HOLE CUTTER

Drills Faster Than Self-Feed Bits



**LONG LASTING**

High speed steel tooth provides long tool life

**CUTS FAST / LOW TORQUE**

Designed to run at high speeds with very little torque

**DURABLE WOOD CUTTING TOOL**

Cuts wet, frozen, pressure treated and hard wood without binding

**EASY PLUG REMOVAL**

Patented design allows easy plug removal

**CUTS AT AN ANGLE**

Unique design provides the ability to cut at an angle

**USE STANDARD ARBOR OR SNAP-BACK™ ARBOR**

For optimal performance, a 3/8" Stubby Spade Bit with arbor

1 PER PACK PROD NO	CUTTER SIZE		CUTTING DEPTH		APPLICATION	USE ARBOR	
	IN	MM	IN	MM		SNAP-BACK	STANDARD
2542222HC	1-3/8	34.9	2	50.8	1" pipe & lock installation	2L	2L
2543434HC	2-1/8	54.0	2	50.8	1-1/2" pipe & lock installation	2L	2L
2543636HC	2-1/4	57.2	2	50.8	1-1/2" pipe & 45°/90° bend couplings	2L	2L
2544141HC	2-9/16	65.1	2	50.8	2" pipe	2L	2L
2544444HC	2-3/4	69.9	2	50.8	2" pipe & 45°/90° bend couplings	2L	2L
2545454HC	3-3/8	85.7	2	50.8	3" duct pipe & bendable duct pipe	2L	2L
2545656HC	3-5/8	92.1	2	50.8	3" pipe	2L	2L
2546464HC	4	101.6	2	50.8	3" pipe & coupling & dryer vent	2L	2L
2546969HC	4-5/16	109.5	2	50.8	4" duct pipe & bendable duct pipe	2L	2L
2547474HC	4-5/8	117.5	2	50.8	4" pipe	2L	2L
2548080HC	5	127.0	2	50.8	4" pipe & coupling	2L	2L
2548787HC	5-1/2	139.7	2	50.8	Toilet flange	2L	2L
2550000HC	6-1/4	158.8	2	50.8	6" duct pipe	2L	2L
25310SB38	—	—	—	—	3/8" stubby spade bit	2L	2L
25312DIAF1	—	—	—	—	Diamond file for re-sharpening	2L	2L



**25476301G**  
**7 PIECE**  
 2-1/8", 2-9/16", 3-5/8"  
 SNAP-BACK Arbor: 2L  
 Diamond file  
 Two 3/8" stubby spade bits  
 LARGE KIT



**25477701G**  
**11 PIECE**  
 2-1/8", 2-1/4", 2-9/16", 2-3/4",  
 3-5/8", 4", 4-5/8"  
 SNAP-BACK Arbor: 2L  
 Diamond file  
 Two 3/8" stubby spade bits  
 LARGE KIT



# HAND TOOLS

*Hacksaws | Snips | Tubing Cutters | Pipe Wrenches | Screwdrivers | Utility Knives*

We go the **EXTRA-MILE** to bring new thinking to familiar tools. So they make it quicker and easier to get the job done right. For example, we introduced the **LONGEST LASTING** utility blade ever, LENOX Gold.<sup>®</sup> We pioneered bi-metal hacksaw blades, and made them virtually **UNBREAKABLE**. We gave our snips pencil-ground tips to cut into tight spots, plus fused-over-molds that can't slip off their double-tang steel handles. And we added a fourth roller to our extra-rugged, ergonomically designed tubing cutters, so they won't walk while cutting—in addition to a built-in reamer to smooth tubing ends. When you get your hands on these and other LENOX hand tools, you won't let go.





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Plastic Tubing Cutters .....	106, 107
Pipe Wrenches .....	108
All-In-One Screwdrivers & Hollow Shaft Nut Drivers .....	109
Locking Tradesman Utility Knife & Utility Knives .....	110
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### T2™ TECHNOLOGY HACKSAW BLADES

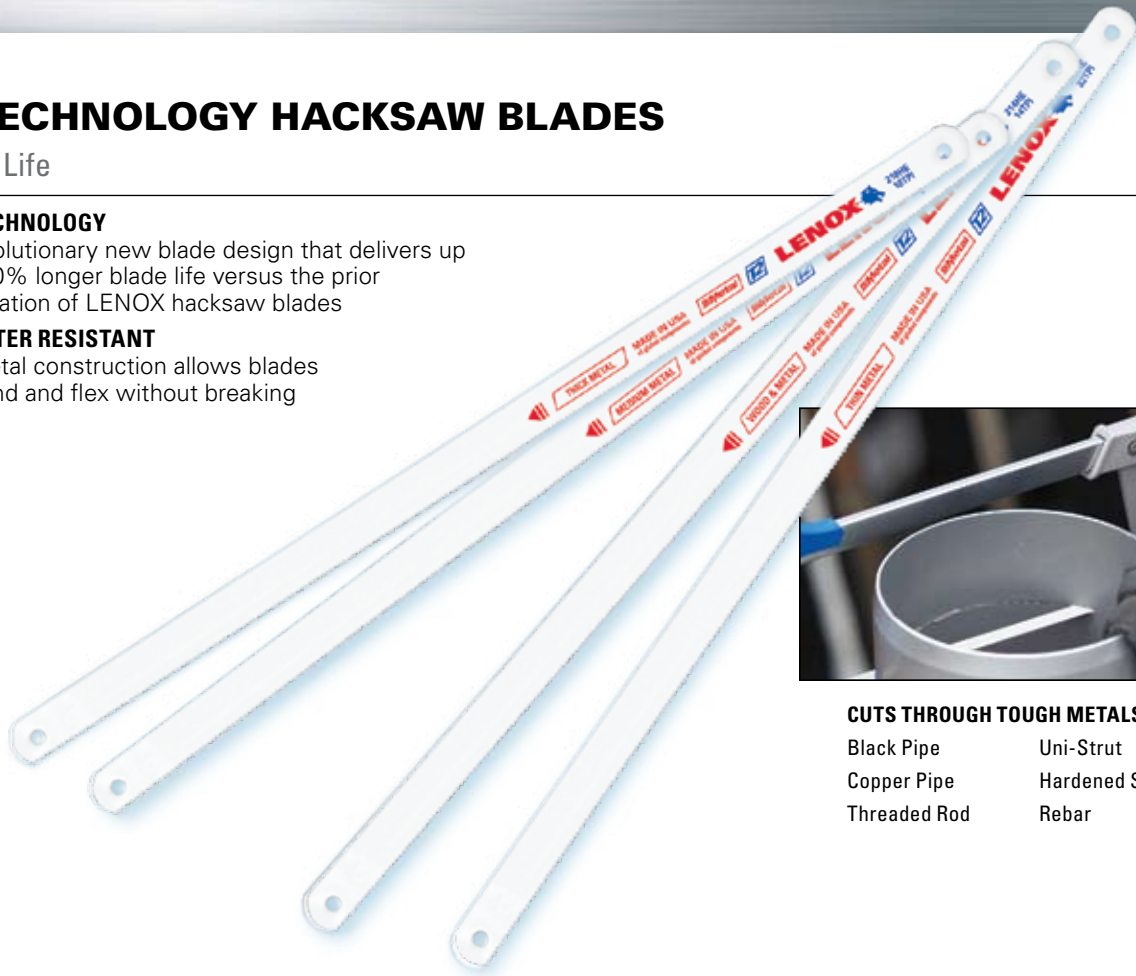
Up to 2X Life

#### T2 TECHNOLOGY

A revolutionary new blade design that delivers up to 100% longer blade life versus the prior generation of LENOX hacksaw blades

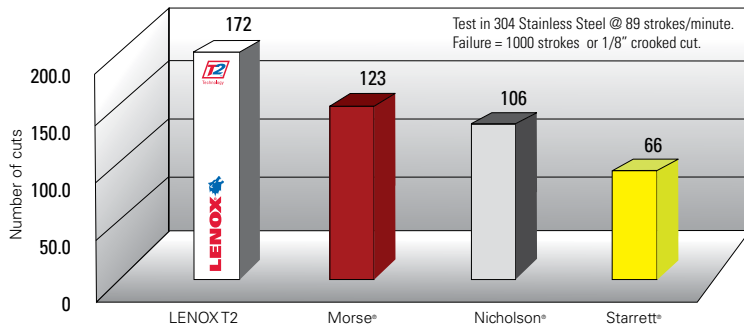
#### SHATTER RESISTANT

Bi-metal construction allows blades to bend and flex without breaking



#### CUTS THROUGH TOUGH METALS:

- Black Pipe
- Copper Pipe
- Threaded Rod
- Uni-Strut
- Hardened Steel
- Rebar



Morse® is a trademark of The M.K. Morse Company. Nicholson® is a trademark of Cooper Hand Tools. Starrett® is a trademark of The L.S. Starrett Company.

TPI	LENGTH x WIDTH		1-PACK PROD NO	2-PACK PROD NO	10-PACK PROD NO	100-PACK PROD NO	APPLICATION
	IN	MM					
14	12 x 1/2	300 x 12.7	—	—	20143V214HE	—	Wood and Metal
18	10 x 1/2	250 x 12.7	20150S018HE	20163T018HE	20140V018HE	20110018HE	Heavy Metal
18	12 x 1/2	300 x 12.7	20154S218HE	20160T218HE	20144V218HE	20116218HE	Heavy Metal
24	10 x 1/2	250 x 12.7	20151S024HE	23930T024HE	20141V024HE	20111024HE	Medium Metal
24	12 x 1/2	300 x 12.7	20155S224HE	20161T224HE	20145V224HE	20117224HE	Medium Metal
32	10 x 1/2	250 x 12.7	20152S032HE	20164T032HE	20142V032HE	20112032HE	Thin Metal
32	12 x 1/2	300 x 12.7	20156S232HE	20162T232HE	20146V232HE	20118232HE	Thin Metal



*"I needed to cut a 1½" chain, six feet underwater. It was a tough job but made easier by a tough blade. LENOX hacksaw blades are the only ones I will buy!"*

-CHRIS CHADWICK, CONSTRUCTION TECHNOLOGY INSTRUCTOR  
EAU GALLIE HIGH SCHOOL, MELBOURNE, FLORIDA

## HACKSAW FRAMES

### HT50 HACKSAW FRAME

Highest tension ever for fast, straight cuts

**UNIQUE I-BEAM CONSTRUCTION**

Allows blade to tension up to 50,000 psi, resulting in fast, straight cuts

**CONVENIENT BLADE STORAGE**

No tool needed to store up to 5 extra blades

**CONVERT TO A JAB SAW**

Accepts any LENOX Reciprocating Saw Blade

**COMFORTABLE GRIPS**

Rubberized handles allow for confident handling even in wet or cold environments



PROD NO	APPLICATION
12132HT50	High tension metal cutting



Quick Tension



Use as a Jab Saw



Stores up to 5 Blades



45° Angle Flush Cutting

### 88300®

Lightweight Hand Saw

**HIGH TENSION**

Saw will tension up to 20,000 psi

**EASILY ADJUST TENSION**

Front tension mechanism is easy to hold and adjust

**ERGONOMIC GRIP**

Front handle grip reduces fatigue in continuous cutting applications

**MULTI-PURPOSE**

Mount blade at 90° for flush cutting applications

PROD NO	APPLICATION
1213188300	General purpose cutting



Flush Cutting



Comfortable Grip

All hacksaw frames come with one 12" (300mm) 24 TPI blade

## 5012 HACKSAW FRAME

Low Profile Frame

### FITS INTO TIGHT SPOTS

Low profile tip easily handles close-quarter cuts

PROD NO	APPLICATION
209205012	High tension metal cutting in tight spots

All hacksaw frames come with one 12" (300mm) 24 TPI blade



## HAND SAWS

Tools to Make Your Job Easier

### PVC/ABS SAW

#### CUTS PLASTIC PIPE EASILY

Teeth cut on the pull stroke and not on the push stroke for safety

#### COMFORTABLE GRIPS

Rubberized handles allow for confident handling even in cold, hot, wet or dirty environments

#### FLUSH CUTTING OPTION

Easily mount the blade on the bottom of handle for flush cutting applications



Snag Resistant Blade Angle



Comfortable Handle



One Step Flush Cuttings

TPI	LENGTH		PROD NO	DESCRIPTION
	IN	MM		
10	12	304	20985HSF12	12" Blade & Handle
10	18	457	20980HSF18	18" Blade & Handle
10	12	304	20982HSB12	12" Replacement Blade
10	18	457	20981HSB18	8" Replacement Blade

## HAND SAWS

Tools to Make Your Job Easier

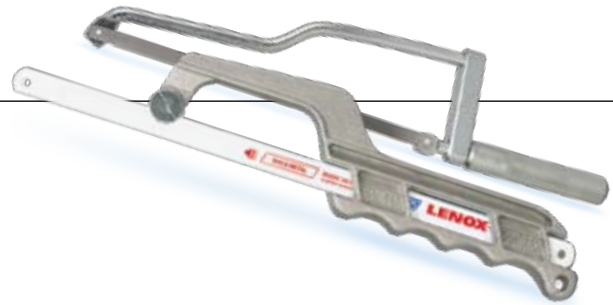
### CLOSE QUARTER™ SAW

**RUGGED DESIGN**

Heavy-duty aluminum handle

**FITS INTO TIGHT SPOTS**

Allows for flush cutting applications



PROD NO	DESCRIPTION	QTY PER PACK	APPLICATION
20908908	CLOSE QUARTER Saw	1	
20906906	Replacement Blades for CLOSE QUARTER Saw 6", 32 TPI	10	
20975975	Compact Hacksaw	1	Multi-Purpose

## FOLDING JAB & UTILITY SAW

Designed for Cutting Multiple Materials

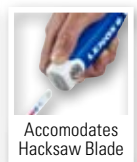
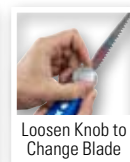
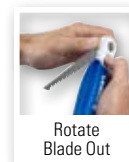
**COMFORTABLE GRIP**

Over-molded rubberized grip for a comfortable and secure grip while working

**SECURELY HOLDS BLADE**

Aluminum locking mechanism prevents blade from being removed during use

**DIE CAST ALUMINUM CONSTRUCTION**



PROD NO	DESCRIPTION	BLADES INCLUDED	APPLICATION
20997TFHS618636	Folding Jab Saw with 2 blades	635R & 636RP	Plaster, wood , plastic & metal cutting
148216J6R	Replacement Blade		





# SNIPS

From the Experts in Metal Cutting, a Line of Snips that Go the Extra-Mile

### LONG BLADE LIFE

Precision-formed blades for Aviation and Bulldog Snips

Bi-material blades for Offset Snips

### ULTIMATE SPRING DURABILITY

Reinforced Chrome Silicone valve-quality wire lasts for a lifetime

### COMFORTABLE GRIPS

Over-molded handles won't slip or twist

### QUICK IDENTIFICATION

Color coding on both blades and handles plus arrow icons allow for easy tool recognition



PROD NO	DESCRIPTION		CUTTING CAPACITY		COMPETITIVE CROSS REFERENCE			
			SHEET METAL	STAINLESS STEEL	MALCO®	MIDWEST®	WISS®	KLEIN®
22101101	Aviation Snip Left		18 ga	22 ga	M2001/MAXCG1	P6716-L	M1R	1100L
22102102	Aviation Snip Right		18 ga	22 ga	M2002/MAXCG2	P6716-R	M2R	1101R
22103103	Aviation Snip Straight		18 ga	22 ga	M2003/MAXCG3	P6716-S	M3R	1102S
22105105	Aviation Snip Bulldog		16 ga	20 ga	M2005/MAXCG5	P6716-B	M5R	2103
22206206	Offset Snip Left		18 ga	22 ga	M2006/MAXCG6	P6510-L	M6R	2100L
22207207	Offset Snip Right		18 ga	22 ga	M2007/MAXCG7	P6510-R	M7R	2101R

# HVAC TOOLS

Precision Sheet Metal Fabrication Tools

### ULTIMATE SPRING DURABILITY

Reinforced Chrome Silicone valve-quality wire lasts for a lifetime

### COMFORTABLE GRIPS

Over-molded handles won't slip or twist



PROD NO	DESCRIPTION		CUTTING CAPACITY		COMPETITIVE CROSS REFERENCE			
			SHEET METAL	STAINLESS STEEL	MALCO®	MIDWEST®	WISS®	KLEIN®
22208C3	3 Blade Crimper		18 ga	22 ga	C3	—	HC3V	—
22209C5	5 Blade Crimper		18 ga	22 ga	C5	FCT-M-C5	HC5V	86550
22210S2	3" Seamer		18 ga	22 ga	S2	FCT-M-S1	HS1V	86553
22211N2	1" V Notcher		18 ga	22 ga	N2	—	—	—
22212SL1	Snap Lock Punch		18 ga	22 ga	SL1	FCT-M-L1	—	—
22213PDC4R	Pipe Duct Cutter		18 ga	22 ga	4R	FCT-M-P1	M14R	—

Malco is a registered trademark of Malco Products, Inc. Midwest is a registered trademark of Midwest Tool and Cutlery Company  
Wiss is a registered trademark of Cooper Industries, Inc. Klein is a registered trademark of Klein Tools.



### HOW DOES LENOX GO THE EXTRA MILE?

We're so confident in our Snips' spring durability that we will provide **FREE** replacement springs for the life of your LENOX Snips.



## S1 PEX TUBING CUTTER

Perfect Cuts. Straight and Easy.

**PERFECT CUTS. STRAIGHT AND EASY.**

Serrated stainless steel blade requires less force to make a cut, leaving a flush end

**COMFORTABLE GRIPS**

Rubberized handles allow for confident cutting even in wet or dirty environments

**EASY OPEN & CLOSE**

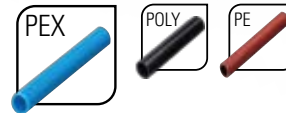
Conveniently positioned locking latch allows for true one-handed operation of spring-loaded cutter

**CUTS UP TO 1" NOMINAL**

**(1-5/16" MAX. OD)**



PROD NO	DESCRIPTION
12121S1	PEX Cutter
12125S1B	Plastic Tubing Cutter Replacement Blade



## S2 CPVC TUBING CUTTER

Durable Construction

**PERFECT CUTS. STRAIGHT AND EASY.**

High carbon steel blade cuts rigid plastic tubing with a single cut

**COMFORTABLE GRIPS**

Rubberized handles allow for confident cutting even in wet or dirty environments

**DURABLE CONSTRUCTION**

Cast aluminum body stands up to rugged, repeated use

**EASY OPEN & CLOSE**

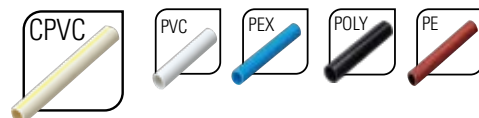
Conveniently positioned locking latch allows for true one-handed operation of spring-loaded cutter

**CUTS UP TO 1" NOMINAL**

**(1-5/16" MAX. OD)**



PROD NO	DESCRIPTION
12122S2	CPVC Cutter
12126S2B	Plastic Tubing Cutter Replacement Blade



## R1 PVC TUBING CUTTER

### Easy Ratcheting

**PERFECT CUTS. STRAIGHT AND EASY.**

Specifically designed jaw holds pipe in place while cutting with stainless steel blade

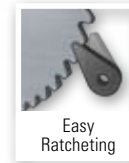
**COMFORTABLE GRIPS**

Rubberized handles allow for confident cutting even in wet or dirty environments

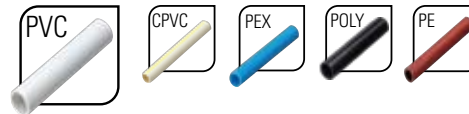
**EASY OPEN & CLOSE**

Conveniently positioned release button allows for true one-handed operation of ratcheting cutter, while locking tab secures blade in place

**CUTS UP TO 1-1/4" NOMINAL  
(1-5/8" MAX. OD)**



PROD NO	DESCRIPTION
12123R1	PVC Cutter
12127RB1	Plastic Tubing Cutter Replacement Blade



## R2 PVC TUBING CUTTER

### One-Handed Operation

**PERFECT CUTS. STRAIGHT AND EASY.**

Specifically designed jaw holds pipe in place while cutting with high-carbon steel blade.

**ONE-HANDED RATCHETING**

One of the only large diameter cutters than can be ratcheted with just one hand.

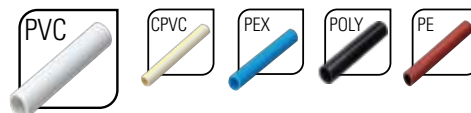
**EASY OPEN**

Pull both handles apart to quickly start the next cut

**CUTS UP TO 2" NOMINAL  
(2-3/8" MAX. OD)**



PROD NO	DESCRIPTION
12124R2	PVC Cutter
12128R2B	Plastic Tubing Cutter Replacement Blade





## TUBING CUTTERS

Ergonomically Designed for Professional Performance

**WON'T WALK WHILE CUTTING**

Four roller tracking system keeps tube from threading

**PROFESSIONAL DEBURRING**

Cleanly and easily deburr pipes with the replaceable machinist's reamer

**WILL NOT DAMAGE CUTTING WHEELS**

Full-stop feed system prevents wheels and rollers from coming into contact

**EASY TO USE**

Change out wheels quickly & easily

**CONVENIENT STORAGE**

Store an extra cutting wheel in the handle



PROD NO	DESCRIPTION	TUBE DIAMETER RANGE		NUMBER OF WHEELS
		IN	MM	
21008TC58	Copper Cutting	1/8–5/8	3–16	1
21009TC1	Copper Cutting	1/8–1	3–25	2
21010TC118	Copper Cutting	1/8–1-1/8	3–29	2
21011TC138	Copper Cutting	1/8–1-3/8	3–35	2
21012TC134	Copper Cutting	1/8–1-3/4	3–45	2
21013 C258	Copper/Plastic Cutting	1/4–2-5/8	6–67	2



# TIGHT SPACE TUBING CUTTERS

Cuts You Out of a Tight Spot

**LESS BURR. MORE CUTS.**

Optimized blade geometry of shock-resistant steel

**COMPACT DESIGN FOR TIGHT SPOTS**

Non-slip grooved cast body only needs 1/2" clearance to cut

**NO RUSTING**

Stainless steel rollers protect the cutter from corrosion

**QUICK IDENTIFICATION**

Color coding for easy tool recognition and cutting direction



PROD NO	DESCRIPTION	TUBE DIAMETER RANGE		NUMBER OF WHEELS
		IN	MM	
14830TS12	Copper Cutting	1/2	13	1
14831TS34	Copper Cutting	3/4	19	1
14832TS1	Copper Cutting	1	25	1
14833TSK	3 pc Kit	1/2, 3/4, 1	13,19,25	



14830TS12



14831TS34



14832TS1



14833TSK

# TUBING CUTTER ACCESSORIES

DESCRIPTION	1-PACK PROD NO	2-PACK PROD NO	6-PACK PROD NO
Stainless Steel Cutting Wheels*	—	21193TCW158SS2	21015TCW158SS
Plastic Cutting Wheels***	—	21191TCW158P2	21016TCW158P
Copper Cutting Wheels*	—	21192TCW158C2	21017TCW158C
Small Copper Cutting Wheels**	—	14829TSB	—
Replacement Deburrer fits 21011 & 21012 TC	21024TCD	—	—
Tubing Cutter Handle Screw	21196TCHS	—	—

\* Fits all LENOX and many other competitors' Tubing Cutters

\*\* Fits LENOX Product No 21008, 21009, 14831, 14832, 14833

\*\*\* Fits 21013



Small Copper



Stainless Steel



Plastic



Copper



Deburrer

## PIPE WRENCHES

Built for Extreme Durability

### GRIPS TIGHTLY

Hardened teeth are ideal for most hard pipes, bolts and couplings

### WITHSTANDS HIGH TORQUE

Enhanced durability for maximum torque

### REDUCES HAND FATIGUE (CAST ALUMINUM)

Lightweight cast aluminum handle creates less arm stress

LIGHTWEIGHT CAST ALUMINUM



HEAVY-DUTY CAST IRON

	PROD NO	SIZE		PIPE CAPACITY		RIDGID® COMPETITIVE CROSS REFERENCE	
		IN	CM	IN	MM	CAT NO	MODEL NO
CAST ALUMINUM	2382010ALPW	10	25	1-1/2	40	31090	810
	2382112ALPW	12	30	2	50	47057	812
	2382214ALPW	14	36	2	50	31095	814
	2382318ALPW	18	46	2-1/2	65	31100	818
	2382424ALPW	24	61	3	80	31105	824
	2382536ALPW	36	91	5	125	31110	836
	2382648ALPW	48	122	6	150	31115	848
HEAVY-DUTY CAST IRON	238128HDPW	8	20	1	25	31005	8
	2381310HDPW	10	25	1-1/2	40	31010	10
	2381412HDPW	12	30	2	50	31015	12
	2381514HDPW	14	36	2	50	31020	14
	2381618HDPW	18	46	2-1/2	65	31025	18
	2381724HDPW	24	61	3	80	31030	24
	2381836HDPW	36	91	5	125	31035	36
	2381948HDPW	48	122	6	150	31040	48

RIDGID® is a trademark of Ridge Tool Company

## HOLLOW SHAFT NUT DRIVERS

### COMFORTABLE GRIP

Slip-resistant ergonomic grip for maximum torque

### LONG TOOL LIFE

Durable Chrome-Vanadium steel construction

### QUICK ALIGNMENT

Indicates hex orientation

Color coded for accurate sizing

### EASY SIZE IDENTIFICATION

Color coded with size inscribed



PROD NO	SIZE	END CAP
22165HSND316	3/16"	
22166HSND14	1/4"	
22167HSND516	5/16"	
22168HSND1132	11/32"	
22169HSND38	3/8"	

PROD NO	SIZE	END CAP
22170HSND716	7/16"	
22171HSND12	1/2"	
22172HSND916	9/16"	
22173HSND58	5/8"	
221887HSND1	7 pc set	—

Shaft length for all nut drivers is 3" (76.2mm)

## ALL-IN-ONE SCREWDRIVERS

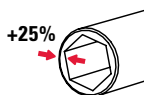
More Torque. More Power.

### COMFORTABLE GRIP

Slip-resistant ergonomic grip for maximum torque

### REDUCED STRIPPING

25% thicker nut driver for longer life



PROD NO	DESCRIPTION									
23931	6-1 Screwdriver	•	•	•	•	•	•	—	—	—
23932	9-1 Screwdriver	•	•	•	•	•	•	•	•	•



## LOCKING TRADESMAN UTILITY KNIFE

Works Big. Folds Small.

### EASY OPEN & CLOSE

Secure locking mechanism

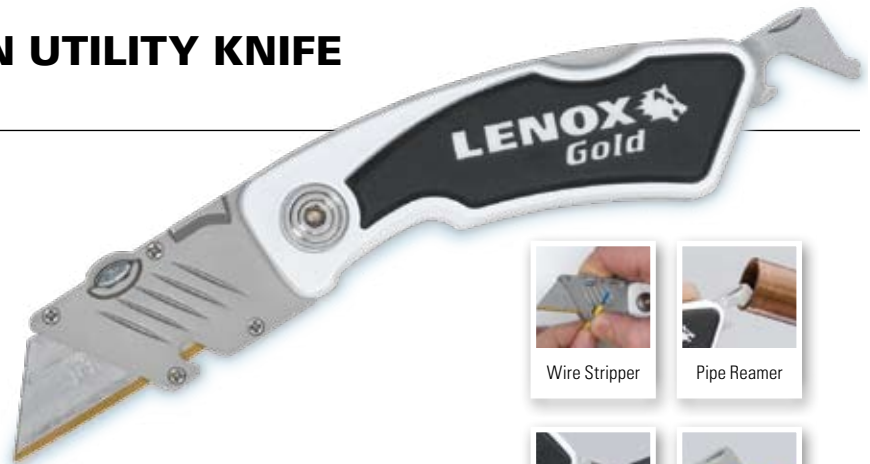
### COMFORT GRIP

Ergonomic rubberized grip

### MULTI-USE TOOL

Bottle opener, screwdriver and pipe reamer

### BUILT-IN WIRE STRIPPER



Our bi-metal technology fuses two premium steels together.



Wire Stripper



Pipe Reamer



Screwdriver



Bottle Opener

PROD NO	DESCRIPTION
10771FLK1	LENOX Gold Locking Tradesman Utility Knife

## UTILITY KNIVES

Durable Construction and Comfortable Grip for Extended Use

### EXTREMELY DURABLE STAINLESS STEEL NOSE

One piece titanium coated nose resists wear and eliminates spreading

### LONGEST LASTING UTILITY BLADES

Three shatterproof titanium edge blades included

### EASY BLADE CHANGE

Quick blade release allows rotation or changing of blade without opening handle

### INTERNAL BLADE STORAGE

Retractable knife stores up to five blades

Fixed knife stores up to ten blades

### NO TOOL NEEDED TO OPEN



Our bi-metal technology fuses two premium steels together.

PROD NO	DESCRIPTION
20353SSRK1	LENOX Gold Quick Change Retractable Knife
20354SSFK1	LENOX Gold Fixed Blade Knife

*"The LENOX blades lasted at least three times longer than the blades we were using. Workers are more productive on the job, spending more time cutting and less time changing out blades."*

-RUSTY MILLER, PLANT MANAGER, GPI PAPER MILL

## UTILITY KNIVES & BLADES

### UTILITY BLADES

Longest Lasting Utility Blade. Ever.

#### LASTS LONGER

High speed steel edge with titanium coating keeps blades cutting after others have quit

#### SHATTERPROOF

Patented bi-metal construction allows blades to bend and flex without breaking

#### MAKES DEEPER CUTS

Four notch design allows blade to extend further

#### CUTS THE TOUGHEST MATERIALS

Great for cutting drywall, insulation, flooring, roofing and more

#### FITS ALL STANDARD UTILITY KNIVES

#### DISPENSERS

##### EASY TO USE

##### DISPENSES ONE OR FIVE BLADES AT A TIME

##### 50 PACKS AND 100 PACKS INCLUDE DISPENSERS



LONG-LASTING  
**BiMetal**

Our bi-metal technology fuses two premium steels together.



DESCRIPTION	5-PACK	50-PACK	100-PACK
LENOX Gold Utility Knife Blade	20350GOLD5C	20351GOLD50D	20352GOLD100D

### SELF-RETRACTING SAFETY KNIFE & BLUNT TIP SAFETY BLADES

A Safety Blade that Works

#### SMOOTH SELF-RETRACTION

Spring loaded shuttle

#### COMFORTABLE, NON-SLIP HANDLE

Ergonomic design

#### DUAL FUNCTION

Utility knife and box cutter settings

#### NO TOOL NEEDED FOR BLADE CHANGE

Quick blade changes

#### STORES UP TO 5 BLADES



LONG-LASTING  
**BiMetal**

Our bi-metal technology fuses two premium steels together.

PROD NO	DESCRIPTION
20366SRK1	Self-Retracting Safety Knife
20367BLUNT5C	Blunt Tip Safety Blade 5 pack
20368BLUNT50D	Blunt Tip Safety Blade 50 pack with dispenser

#### INCREASED SAFETY

Blunt tip design

#### SHATTERPROOF

Patented bi-metal construction  
Bends and flexes without breaking

#### LONG BLADE LIFE

High speed steel edge



# JOINING TECHNOLOGIES

*Torches | Solder | Accessories*

For many generations, our long lasting products have been making the professional tradesman's job easier. We've put that experience and knowledge to work in a wide range of **SUPERIOR** torches, solder and accessories. Our **INNOVATIVE** torches provide a convenient way to carry and store all tips and accessories, while extending the reach and accessibility to any job. The same dependable **QUALITY** can be found with our premium alloys and quality solder products which combines unbeatable **PERFORMANCE** and meets the highest industry standards. The full line is complemented with our prepping tools such as flux, abrasives and brushes, exceeding the professional's expectations for all pipe joining needs.





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### "B" AIR ACETYLENE KITS

Pack Higher Performance in an Easier-To-Carry Package



PROD NO	DESCRIPTION	TIPS INCLUDED
21835LX3B	"B" Air Acetylene Kit	A3 3/16" Swirl Flame Tip
21836LX5B	"B" Air Acetylene Kit	A5 1/4" Swirl Flame Tip
21837LX514B	"B" Air Acetylene Kit	A5 1/4" & A14 1/2" Swirl Flame Tips
21838LX500B	"B" Air Acetylene Kit	AA500 1/4" Self-Igniting Swirl Flame Tip
21839LX800B	"B" Air Acetylene Kit	AA800 5/16" Self-Igniting Swirl Flame Tip

Tip size and quantity vary by kit. See chart above



TANK NOT INCLUDED

### "MC" AIR ACETYLENE KITS

Pack Higher Performance in an Easier-To-Carry Package



PROD NO	DESCRIPTION	TIPS INCLUDED
21840LX5MC	"MC" Air Acetylene Kit	A5 1/4" Swirl Flame Tip
21841LX38MC	"MC" Air Acetylene Kit	A3 3/16" & A8 5/16" Swirl Flame Tips
21842LX500MC	"MC" Air Acetylene Kit	AA500 1/4" Self-Igniting Swirl Flame Tip
21843LX800MC	"MC" Air Acetylene Kit	AA800 5/16" Self-Igniting Swirl Flame Tip

Tip size and quantity vary by kit. See chart above



#### ALL KITS CONTAIN THE FOLLOWING:



#### AIR ACETYLENE PISTON REGULATOR WITH TANKTOTE HANDLE, GAUGE GUARD AND 2" EASY READ GAUGE

Provides consistent fuel regulation  
Durable brass construction protects 2" Easy Read Gauge from damage  
Transport tank easily  
Ergonomically designed for comfort  
Integrated tank key storage



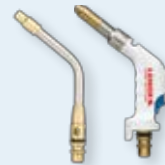
**AA TORCH HANDLE**  
Comfortable grip with on/off valve and quick connect, "A" size fittings 3/8"



**AA HOSE**  
12-1/2' hose with metal strain relief keeps hose from kinking at fittings, "A" size fittings 3/8"



**TANKTOTE SLEEVE**



**ONE OR MORE SWIRL FLAME, OR SELF-IGNITING SWIRL FLAME TIPS**



**"B" TANK KEY**

# STANDARD AIR ACETYLENE KITS

Durability and Performance



**BUILT-IN DURABILITY AND PERFORMANCE**

**ALL BRASS PISTON REGULATOR**

Provides consistent performance

**METAL STRAIN RELIEF**

Keeps hose from kinking

**HIGH PERFORMANCE SWIRL FLAME TIPS**

With replaceable burn tips produce maximum heat output

**GAUGE GUARD PROTECTS 2" EASY READ GAUGE**

PROD NO	DESCRIPTION	TIPS INCLUDED
10835LX311AB	Air Acetylene Kit	A3 3/16" & A11 7/16" Swirl Flame Tips
10836LX4AB	Air Acetylene Kit	A5 1/4" & A14 1/2" Swirl Flame Tips
10837LX5ABMC	Air Acetylene Kit	A5 1/4" Swirl Flame Tip and B-MC Adapter
10838LX800AB	Air Acetylene Kit	AA800 5/16" Self-Igniting Tip

Tip size and quantity vary by kit. See chart above



10835LX311AB

**ALL KITS CONTAIN THE FOLLOWING:**



**ALL BRASS PISTON REGULATOR WITH GAUGE GUARD AND 2" EASY READ GAUGE**



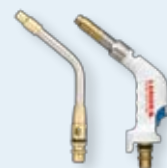
**AA TORCH HANDLE**  
Comfortable grip with on/off valve and quick connect, "A" size fittings 3/8"



**AA HOSE**  
12-1/2' Hose with metal strain relief keeps hose from kinking at fittings, "A" size fittings 3/8"

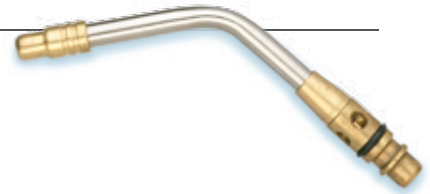


**"B" TANK KEY**



**ONE OR MORE SWIRL FLAME, OR SELF-IGNITING SWIRL FLAME TIPS**

### AIR ACETYLENE TORCH TIPS



**BRASS AND STAINLESS CONSTRUCTION  
REPLACEABLE BURN TIP, ORIFICE & "O" RING  
QUICK CONNECT**

**REBUILD KITS INCLUDE:**  
Burn Tip, Orifice & "O" Ring

**PROVIDES MAXIMUM HEAT OUTPUT**

**SWIRL FLAME**

PROD NO	REBUILD KIT		TIP SIZE		PIPE SIZE SOFT SOLDER		PIPE SIZE BRAZING	
	PROD NO	DESCRIPTION	IN	MM	IN	MM	IN	MM
10850A2*	10851A2R	Light-duty HVAC tip	1/8	3	1/8-1/2	3-13	1/8-1/4	3-6
21844A3	21980A3R	Light-medium-duty tip	3/16	4.8	1/4-1	6-25	1/8-1/2	3-13
21845A5	21981A5R	Medium-duty tip	1/4	6.3	3/4-1-1/2	19-40	1/4-3/4	6-20
21846A8	21982A8R	Medium-heavy-duty tip	5/16	7.9	1-2	25-50	1/2-1	13-25
21847A11	21983A11R	Heavy-duty tip	7/16	11.1	1-1/2-3	40-75	7/8-1-5/8	22-41
21848A14	21984A14R	Extra-heavy-duty tip	1/2	12.7	2-3-1/2	50-90	1-2	25-50
21849A32	21985A32R	Heaviest-duty tip	5/8	15.9	4-6	100-150	1-1/2-4	40-100

\*Rosebud flame tip for use with small diameter tubing



### SELF-IGNITING SWIRL FLAME

PROD NO	REBUILD KIT		TIP SIZE		PIPE SIZE SOFT SOLDER		PIPE SIZE BRAZING	
	PROD NO	DESCRIPTION	IN	MM	IN	MM	IN	MM
21850AA500	21981A5R	Medium-duty tip	1/4	6.3	3/4-1-1/2	20-40	1/4-3/4	6-20
21851AA800	21982A8R	Medium-heavy-duty tip	5/16	7.9	1-2	25-50	1/2-1	13-25
21852AA900	21984A14R	Extra-heavy-duty tip	1/2	12.7	2-4	50-100	1-2	25-50



### SOFT FLAME

PROD NO	REBUILD KIT		TIP SIZE		PIPE SIZE SOFT SOLDER		PIPE SIZE BRAZING	
	PROD NO	DESCRIPTION	IN	MM	IN	MM	IN	MM
10856AS1	10877AS1R	Light-duty tip	1/10	2.4	1/16-1/8	2-3	up to 1/16	up to 2
10857AS2	10878AS2R	Light-duty tip	1/8	3	1/8-3/8	3-9	up to 1/8	up to 3
10858AS3	10879AS3R	Medium-duty tip	5/32	4	3/8-1/2	9-13	up to 3/8	up to 9
10859AS4	10880AS4R	Medium-duty tip	1/5	5	1/2-1	13-25	up to 1/2	up to 13
10860AS5	10881AS5R	Heaviest-duty tip	1/4	6.3	3/4-2	20-50	up to 1	up to 25
10861AS6*	10882AS6R	Heaviest-duty tip	5/8	15.9	1-1/2-4	40-100	up to 1-1/2	up to 40

\*Does not include replaceable burn tip



# AIR ACETYLENE ACCESSORIES



**10840BSLEEVE**  
**"B" TANKTOTE SLEEVE**



**10841MCSLEEVE**  
**"MC" TANKTOTE SLEEVE**



**21854BREG "B" VERSION**  
**21855MCREG "MC" VERSION**  
**AIR ACETYLENE PISTON REGULATOR**  
**WITH TANKTOTE HANDLE, GAUGE GUARD**  
**AND 2" EASY READ GAUGE**

Protects 2" Easy Read Gauge from damage  
Transport tank easily  
Integrated tank key storage



**21856AAH**  
**AA TORCH HANDLE**

Comfortable grip with on/off valve and quick connect  
"A" Size fittings 3/8"



**10839ABR**  
**ALL BRASS**  
**PISTON REGULATOR**  
**WITH GAUGE GUARD**

Solid brass regulator with gauge B connection



**10842STRIKER1**  
**STRIKER**



**10844TANKKEY**  
**"B" TANK KEY**



**10845HSCLOTH**  
**TORCH HEAT SHIELD CLOTH**  
9"x12" (15.24cm x 20.32cm)



**21857HOSE12 12-1/2'**  
**21858HOSE25 25'**  
**AA HOSE**

Metal strain relief keeps hose from kinking at fittings  
"A" size fittings 3/8"



**21853BMC**  
**"B" TO "MC" ADAPTER**  
Adapts "B" regulator to fit "MC" tanks



**10843FLINT5**  
**FLINT 5 PACK**



## AIR PROPANE/MAX POWER PROPYLENE KITS

Pack High Performance in a Durable Kit

**ALL KITS CONTAIN THE FOLLOWING:**

- All Brass Piston Regulator with *GAUGE GUARD* and 2" Easy Read Gauge
- 12-1/2' Hose with Metal Strain Relief
- AP Handle
- One or More Swirl Flame Tip or Self-Igniting Swirl Flame Tip



TANK NOT INCLUDED

PROD NO	DESCRIPTION	TIPS INCLUDED
21859LX35P	Air Propane/MPP Propylene Kit	LP3 3/8" & LP5 3/4" Swirl Flame Tips
21860LX4P	Air Propane/MPP Propylene Kit	LP4 1/2" Swirl Flame Tip
21861LX300P	Air Propane/MPP Propylene Kit	LP300 3/8" Self-Igniting Swirl Flame Tip
21862LX400P	Air Propane/MPP Propylene Kit	LP400 1/2" Self-Igniting Swirl Flame Tip

*Tip size and quantity vary by kit. See chart above*

## AIR PROPANE/MAX POWER PROPYLENE ACCESSORIES



**21868APREG**  
**AIR PROPANE/MPP PROPYLENE PISTON REGULATOR WITH *GAUGE-GUARD* AND 2" EASY READ GAUGE**  
 Provides consistent fuel regulation  
 Durable brass construction  
 Protects 2" Easy Read Gauge from damage



**21869APH**  
**AIR PROPANE/MPP PROPYLENE TORCH HANDLE**  
 Comfortable grip with on/off valve and quick connect  
 Fitting size 9/16"

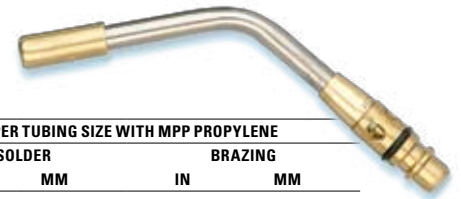


**21870PHOSE112**  
**12-1/2' HOSE WITH METAL STRAIN RELIEF**  
 Metal strain relief keeps hose from kinking at fittings

**21871PHOSE25**  
**25' HOSE WITH METAL STRAIN RELIEF**

## AIR PROPANE/MAX POWER PROPYLENE TIPS

**BRASS AND STAINLESS CONSTRUCTION**  
**REPLACEABLE BURN TIP, ORIFICE & "O" RING**  
**QUICK CONNECT**  
**ALL REBUILD KITS INCLUDE:**  
 Burn Tip, Orifice & "O" Ring  
**PROVIDES MAXIMUM HEAT OUTPUT**



### SWIRL FLAME

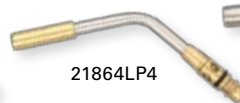
PROD NO	REBUILD PROD NO	TIP SIZE		COPPER TUBING SIZE WITH PROPANE				COPPER TUBING SIZE WITH MPP PROPYLENE			
				SOFT SOLDER		BRAZING		SOFT SOLDER		BRAZING	
				IN	MM	IN	MM	IN	MM	IN	MM
10852LP2	10853LP2R	5/16	7.9	1/8-1/4	3-6	1/16-1/4	2-6	1/8-1/2	3-13	1/8-1/4	3-6
21863LP3	21187LP3	3/8	9.5	1/4-1	6-25	1/8-1/2	3-13	1/4-1-1/2	6-40	1/4-1/2	6-13
21864LP4	21188LP4	1/2	12.7	1/4-1-1/2	6-40	1/4-3/4	6-19	1/4-2-1/2	6-63	1/4-1-1/4	6-32
21865LP5	21189LP5	3/4	19	1-1/2-2-1/2	40-63	1/2-1-1/4	13-32	1-4	25-100	1/2-2	13-50
10854LP6	10855LP6	1	25	1-1/2-4	40-100	3/4-2	19-50	1-1/2-6	40-150	3/4-4	19-100



10852LP2



21863LP3



21864LP4



21865LP5



10854LP6

### SELF-IGNITING SWIRL FLAME

PROD NO	REBUILD PROD NO	TIP SIZE		COPPER TUBING SIZE WITH PROPANE				COPPER TUBING SIZE WITH MPP PROPYLENE			
				SOFT SOLDER		BRAZING		SOFT SOLDER		BRAZING	
				IN	MM	IN	MM	IN	MM	IN	MM
21866LP300	21187LP3R	3/8	9.5	1/4-1	6-25	1/8-1/2	3-13	1/4-1-1/2	6-40	1/4-1/2	6-13
21867LP400	21188LP4R	1/2	12.7	1/4-1-1/2	6-40	1/4-3/4	6-19	1/4-2-1/2	6-63	1/4-1-1/4	6-32



21866LP300



21867LP400



### MOBILE TORCH SYSTEM II

Hot Performance. Cool Mobility.

#### ACCESSIBILITY

MTS II extends the reach and access to any job situation - crawl spaces, attics, under cabinets, on ladders and more

#### GREATER STORAGE

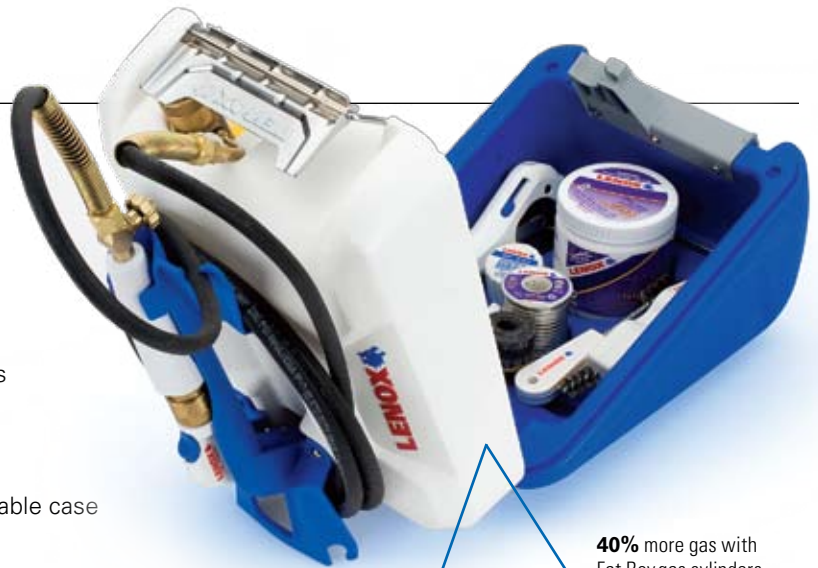
Improved carrying case now holds either - two 16.92 oz Fat Boy™ Mx Power Propylene/Propane or two 14.1 oz gas cylinders  
Added space for more solder accessories and tools

#### PROTECTION

Integrated hose wrap - keeps hose in place  
Tip holder - protects and cools tip after use  
All tools and accessories - protected inside the durable case

#### COMPATIBLE WITH COMPETITIVE COMPONENTS

Durable, lightweight case can be used with competitor's torch, fuel and accessories



40% more gas with Fat Boy gas cylinders



#### HOLDS EITHER:

Two 16.92 oz Fat Boy Mx Power Propylene/Propane or two 14.1 oz gas cylinders

PROD NO	DESCRIPTION	TIP INCLUDED
14812LX300FB	Mobile Torch System II	LP300 3/8"
14813LX400FB	Mobile Torch System II	LP400 1/2"
14814LXFB	Mobile Torch II Case	—
10886LXPSREG	All Brass Regulator	—



FUEL AND SOLDER ACCESSORIES NOT INCLUDED



#### ALL SYSTEMS CONTAIN THE FOLLOWING:



#### 14814LXFB MOBILE TORCH II CASE

Store and transport two gas cylinders, solder, tools and accessories  
Integrated hose wrap and tip holder



#### 10886LXPREG ALL BRASS REGULATOR

CGA-600 cylinder connection for MPP and Propane



#### 21870PHOSE12 12-1/2' HOSE WITH METAL STRAIN RELIEF

Metal strain relief keeps hose from kinking at fittings



#### 21869APH AP HANDLE

Comfortable grip with on/off valve and quick connect  
Fitting size 9/16"



#### 21866LP300 or 21867LP400 SELF-IGNITING SWIRL FLAME AIR PROPANE/MPP® TIP

Replaceable burn tip, orifice and "O" ring





*"The Mobile Torch System is easy to carry. The weight of the complete unit is lighter than that of just a B tank!"*

-JOEY HOWZE, HOWZE PLUMBING

SELF-IGNITING HAND TORCHES

# SELF-IGNITING HAND TORCHES

Maximum Heat Output, Durability, and Safety



**TARGETED HEAT OUTPUT**

For accurate and efficient performance

**CAST ALUMINUM CONSTRUCTION**

Provides outstanding durability

**SOLID BRASS REGULATORS**

For efficient fuel regulation

PROD NO	REPLACEMENT BURN TIPS	DESCRIPTION
21178LT92	—	Ultra Swirl with Adjustable Flame
21179LT92R	21197LT92T	Adjustable Ultra Swirl Replacement Assembly
21176LT91	—	Swirl with Adjustable Flame
21177LT91R	21198LT901T	Adjustable Swirl Replacement Assembly
21174LT90	—	Swirl Flame Hand Torch
21175LT90R	21198LT901T	Swirl Flame Replacement Assembly
21183LT60	—	Heat Shrink Hand Torch
21184LT60R	21199LT60T	Heat Shrink Replacement Assembly
21172LS20	—	Self-igniting 360° Swivel Torch
21173LS20R	21200LS20T	Self-igniting 360° Swivel Torch Replacement Assembly
21170LS10	—	360° Swivel Torch
21171LS10R	—	360° Swivel Torch Replacement Assembly



PROD NO	REBUILD KITS PROD NO	REPLACEMENT BURN TIP ASSEMBLY	COPPER TUBING SIZE WITH PROPANE				COPPER TUBING SIZE WITH MPP PROPYLENE			
			SOFT SOLDER		BRAZING		SOFT SOLDER		BRAZING	
			IN	MM	IN	MM	IN	MM	IN	MM
21174LT90	21175LT90R	21198LT901T	1/8-2	3-50	1/16-3/4	2-19	1/8-3	3-75	1/16-1	2-25
21176LT91	21177LT91R	21198LT901T	1/8-2	3-50	1/16-3/4	2-19	1/8-3	3-75	1/16-1	2-25
21178LT92	21179LT92R	21197LT92T	3/4-3	19-75	1/4-1	6-25	3/4-4	19-100	1/4-1-3/4	6-45
21183LT60	21184LT60R	21199LT60T	—	—	—	—	—	—	—	—
21170LS10	21171LS10R	—	1/4-3	6-75	1/4-1	6-25	1/4-3-1/2	6-85	1/4-1-3/4	6-45
21172LS20	21173LS20R	21200LS20T	1/4-3	6-75	1/4-1	6-25	1/4-3-1/2	6-85	1/4-1-3/4	6-45



## LT92KFB HAND TORCH KIT

Hot Performance. Cool Mobility.

### STORAGE

Improved carrying case now holds either - two 16.92 oz Fat Boy™ Mx Power Propylene/Propane or two 14.1 oz gas cylinders  
 Store and transport LENOX Self-Igniting Hand Torch  
 Handle folds down for easy storage  
 Added space for tubing cutter, solder and accessories

### PROTECTION

Durable case protects fuel, torch and accessories

### COMPATIBLE WITH COMPETITIVE COMPONENTS

Durable, lightweight case can be used with competitors fuel and accessories



### HOLDS EITHER:

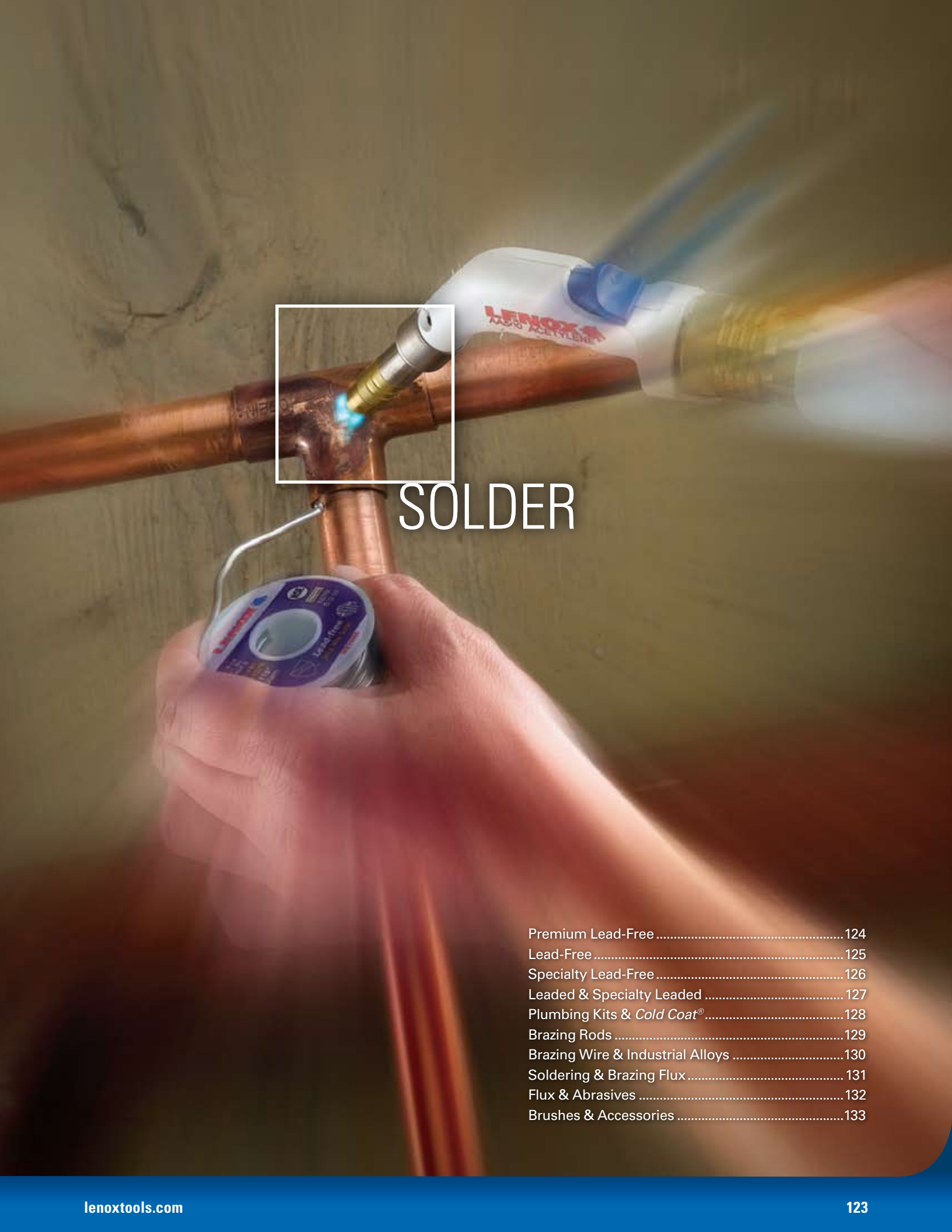
Two 16.92 oz Fat Boy Mx Power Propylene/Propane or two 14.1 oz gas cylinders



SOLDER ACCESSORIES & TOOLS NOT INCLUDED

PROD NO	DESCRIPTION	HAND TORCH INCLUDED
14815LT92KFB	Hand Torch & Two 16.92 oz Fat Boy Mx Power Propylene Cylinders - US	LT92
14824LT92KFB	Hand Torch & Two 16.92 oz Fat Boy Mx Power Propylene Cylinders - CANADA	LT92
14816LT92FB	Hand Torch & Case Only	LT92
14817LHTCASE	Hand Torch Case Only	—
12258PG16	16.92 oz Fat Boy Propane Gas - US	—
12259PG16	16.92 oz Fat Boy Propane Gas - CANADA	—
12260MPG16	16.92 oz Fat Boy MX Power Propylene Gas - US	—
12261MPG16	16.92 oz Fat Boy MX Power Propylene Gas - CANADA	—





# SOLDER

- Premium Lead-Free ..... 124
- Lead-Free ..... 125
- Specialty Lead-Free ..... 126
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- Plumbing Kits & *Cold Coat*® ..... 128
- Brazing Rods ..... 129
- Brazing Wire & Industrial Alloys ..... 130
- Soldering & Brazing Flux ..... 131
- Flux & Abrasives ..... 132
- Brushes & Accessories ..... 133

### PREMIUM LEAD-FREE SOLDER

#### MEETS HIGHEST PRODUCT STANDARDS

NSF 61 Certification for safe use in potable water applications

#### 100% ENVIRONMENTALLY SAFE

Completely free of antimony or nickel



#### PREMIUM LEAD-FREE

Patented formula advantages

Lowest melting temperature: 410° F

Best flowing lead-free solder available

Highest tensile strength: 7130 psi



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15086	Premium Wire Spool	1	454	.118	3	50
WS15086NB*	Premium Wire Spool	1	454	.118	3	50
WS15259	Premium Wire Spool	1	454	.118	3	20
WS15084	Premium Wire Spool	1	454	.062	1.6	50
WS15090	Premium Wire Spool	1/4	113	.118	3	50
WS15092	Premium Wire Spool	1/2	227	.118	3	50
WS15091	Premium Wire Spool	5	2270	.118	3	10
WS15284	Premium Wire Spool	5	2270	.062	1.6	10
WS15332	Premium Wire Spool	5	2270	.050	1.6	10
WS15087	Premium Wire Spool	20	9072	.118	3	2
WS15089	Premium Wire Spool	40	18144	.118	3	1
WS15081	Premium Sm Ingot	5	2270	—	—	10

\* Spool is not sold in an individual box

#### SILVER LEAD-FREE

Wide pasty range (440°–640° F) allows for more working time

Ideal for use on large diameter pipe

High tensile strength: 6900 psi

Low melting temperature: 440° F



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15318	Silver Wire Spool	1	454	.118	3	50
WS15318NB*	Silver Wire Spool	1	454	.118	3	50
WS15344	Silver Wire Spool	1	454	.118	3	20
WS15319	Silver Wire Spool	1/4	113	.118	3	50
WS15357	Silver Wire Spool	20	9072	.062	1.6	2
WS15346	Silver Wire Spool	20	9072	.118	3	2

\* Spool is not sold in an individual box

#### LEAD-FREE

Patented formula advantages

Low melting temperature: 419° F

Increased flow properties

High tensile strength: 6950 psi



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15037	Lead-Free Wire Spool	1	454	.118	3	50
WS15037NB*	Lead-Free Wire Spool	1	454	.118	3	50
WS15262	Lead-Free Wire Spool	1	454	.093	2.4	50
WS15039	Lead-Free Wire Spool	1/4	113	.118	3	50
WS15041	Lead-Free Wire Spool	1/2	227	.118	3	50
WS15040	Lead-Free Wire Spool	5	2270	.118	3	5
WS15038	Lead-Free Wire Spool	20	9072	.118	3	2

\* Spool is not sold in an individual box

*Unit lot numbering ensures complete traceability*





*"In residential construction, time is money. At RCR Plumbing, we use LENOX Premium Solder to help meet our quality standards and reduce the amount of torch time on the job. LENOX Premium performs like no other lead-free solder—they understand our business and commitment to quality because they share the same goals."*

-CHARLIE MOREHEAD, PURCHASING DIRECTOR  
RCR COMPANIES, CALIFORNIA AND NEVADA

SOLDER

## LEAD-FREE SOLDER

**FOR USE IN PLUMBING AND POTABLE WATER APPLICATIONS**



### SILVER BEARING ALLOY LEAD-FREE

NSF 61 Certification for safe use in potable water applications

Lead-Free Tin-Copper-Silver Solder

Wide pasty range

Melting temperature: 440° F

Tensile strength: 6600 psi

ASTM B-32



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15067	Silver Bearing Alloy Spool	1	454	.118	3	50
WS15068	Silver Bearing Alloy Wire Spool	1/4	113	.118	3	50
WS15070	Silver Bearing Alloy Wire Spool	1/2	227	.118	3	50
WS15069	Silver Bearing Alloy Spool	5	2270	.118	3	10



### 97/3 LEAD-FREE

NSF 61 Certification for safe use in potable water applications

Lead-Free Tin-Copper Solder

Melts, flows and performs better than 95/5

Melting temperature: 445° F

Tensile strength: 5800 psi

ASTM B-32



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15064	97/3 Wire Spool	1	454	.118	3	50
WS15397	97/3 Wire Spool	1	454	.062	1.6	50
WS15355	97/3 Wire Spool	1/4	113	.118	3	50
WS15066	97/3 Wire Spool	1/2	227	.118	3	50
WS15317	97/3 Wire Spool	5	2270	.118	3	10
WS15164	97/3 Wire Spool	20	9072	.118	3	2



### 95/5 LEAD-FREE

Lead-Free Tin-Antimony Solder

Narrow pasty range

Melting temperature: 455° F

Tensile strength: 5500 psi

ASTM B-32



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15018	95/5 Wire Spool	1	454	.118	3	50
WS15181	95/5 Wire Spool	1	454	.093	2.4	50
WS15359	95/5 Wire Spool	1	454	.118	3	25
WS15312	95/5 Wire Spool	1/4	113	.118	3	50
WS15313	95/5 Wire Spool	1/2	227	.118	3	50
WS15147	95/5 Wire Spool	5	2270	.118	3	10
WS15095	95/5 Wire Spool	20	9072	.118	3	2



Unit lot numbering ensures complete traceability



## SPECIALTY LEAD-FREE SOLDER



### 96/4 LEAD-FREE

Lead-Free 96% Tin 4% Silver HVAC Solder  
NSF 61 Certification for safe use in potable water applications

Alternative to silver brazing rods

Use for joining copper or brass to copper or brass, copper or brass to steel or stainless, steel or stainless to steel or stainless

Melting temperature: 430° F

Tensile strength: 14,000 psi

ASTM B-32 Sn96



### 94/6 LEAD-FREE

Lead-Free 94% Tin 6% Silver HVAC Solder  
NSF 61 Certification for safe use in potable water applications

Alternative to silver brazing rods

Use for joining copper or brass to copper or brass, copper or brass to steel or stainless, steel or stainless to steel or stainless

Melting temperature: 430° F

Pasty range: 430°–535° F

Tensile strength: 15,000 psi

ASTM B-32 Sn94



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15100	96/4 HVAC Wire Spool	1	454	.118	3	10
WS15204	96/4 HVAC Wire Spool	1	454	.062	1.6	10
WS15101	96/4 HVAC Wire Spool	20	9072	.118	3	2

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15098	94/6 HVAC Wire Spool	1	454	.118	3	10
WS15099	94/6 HVAC Wire Spool	20	9072	.118	3	2

### ACID CORE LEAD-FREE

Use for tin repairs, sheet metal, auto radiators, metal gutters, non-electrical and non-plumbing applications

Melting temperature: 445° F

Not for use in plumbing or potable water applications



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS15023	Acid Core Wire Spool	1	454	.062	1.6	50
WS15406	Acid Core Wire Spool	1	454	.125	3.2	50
WS15024	Acid Core Wire Spool	1/4	113	.062	1.6	50
WS15025	Acid Core Wire Spool	1/2	227	.062	1.6	18

### ROSIN CORE LEAD-FREE

Lead-Free Rosin Core Solder

Use for speaker wire, motors, appliances and general electronic repairs

Melting temperature: 445° F

Not for use in plumbing or potable water applications



PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CTN QTY
		LB	G	IN	MM	
WS15030	Rosin Core Wire Spool	1	454	.062	1.6	50
WS15401	Rosin Core Wire Spool	1	454	.031	.8	50
WS15402	Rosin Core Wire Spool	1	454	.040	1	50
WS15403	Rosin Core Wire Spool	1	454	.050	1.3	50
WS15404	Rosin Core Wire Spool	1	454	.100	2.5	50
WS15405	Rosin Core Wire Spool	1	454	.125	3.2	50
WS15031	Rosin Core Wire Spool	1/4	113	.062	1.6	50
WS15032	Rosin Core Wire Spool	1/2	227	.062	1.6	18

Unit lot numbering ensures complete traceability

## LEADED SOLDER

FOR USE ONLY IN NON-POTABLE WATER APPLICATIONS

### L60/40 LEADED

60% Tin, 40% Lead Solder

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS10261	60/40 Wire Spool	1	454	.125	3.2	50
WS10107	60/40 Wire Spool	25	11340	.125	3.2	2
WS10069	60/40 Extruded Bar	1	454	—	—	20

### 40/60 LEADED

40% Tin, 60% Lead Solder

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS10088	40/60 Wire Spool	1	454	.125	3.2	50
WS10089	40/60 Wire Spool	25	11340	.125	3.2	2
WS10302	40/60 Wire Spool	25	11340	.093	2	2
WS10300	40/60 Extruded Bar	1	454	.050	1.2	50
WS10301	63/37 Extruded Bar	1	454	—	—	50
WS10316	30/70 Extruded Bar	1	454	—	—	50



### 50/50 LEADED

50% Tin, 50% Lead Solder

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS10098	50/50 Wire Spool	1	454	.125	3.2	50
WS10305	50/50 Wire Spool	1/4	113	.125	3.2	50
WS10306	50/50 Wire Spool	1/2	227	.125	3.2	50
WS10100	50/50 Wire Spool	5	2270	.125	3.2	10
WS10099	50/50 Wire Spool	25	11340	.125	3.2	2
WS10257	50/50 Extruded Bar	1	454	—	—	50
WS10161	50/50 Extruded Meter Bar	1/2	227	—	—	50
WS10297	50/50 Extruded Tri Bar	1/3	151	1/4	6.4	50
WS10298	50/50 Extruded Tri Bar	13/32	184	5/16	7.9	50
WS10299	50/50 Extruded Tri Bar	1/2	227	7/16	11.1	50

## SPECIALTY LEADED SOLDER

FOR USE ONLY IN NON-POTABLE WATER APPLICATIONS

### ACID CORE LEADED

Use for tin repairs, sheet metal, auto radiators, metal gutters, and non-electrical and non-plumbing applications

Tin-Lead Acid Core Solder

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS10317	30/70 Acid Core Wire Spool	1	454	.125	3.2	50
WS10314	60/40 Acid Core Wire Spool	1	454	.062	1.6	50
WS10315	40/60 Acid Core Wire Spool	1	454	.062	1.6	50
WS10196	3/2/95 Acid Core Wire Spool	1/2	227	.125	1.6	50

### ROSIN CORE LEADED

Use for speaker wire, motors, appliances and general electronic repairs Tin-Lead Rosin Core Solder

PROD NO	DESCRIPTION	WEIGHT		DIAMETER		CARTON QTY
		LB	G	IN	MM	
WS10312	60/40 Rosin Core Wire Spool	1	454	.062	1.6	50
WS10318	60/40 Rosin Core Wire Spool	1	454	.031	.8	50
WS10319	60/40 Rosin Core Wire Spool	1	454	.040	1	50
WS10320	60/40 Rosin Core Wire Spool	1	454	.050	1.3	50
WS10321	60/40 Rosin Core Wire Spool	1	454	.100	2.5	50
WS10322	60/40 Rosin Core Wire Spool	1	454	.125	3.2	50
WS10313	40/60 Rosin Core Wire Spool	1	454	.062	1.6	50



## PLUMBING KITS

### WS15224 PREMIUM 8 OZ SOLDERING KIT

Includes everything needed to make professional quality repairs: LENOX premium Lead-Free 8 oz solder, LENOX water soluble 1.7 oz flux, 1/2" wire fitting brush, sand cloth and flux brush  
Carton quantity: 6



### WS15223 4 OZ PLUMBING KIT

Includes everything needed to make professional quality repairs: LENOX Lead-Free 4 oz solder, LENOX water soluble 1 oz flux, sand cloth and flux brush  
Carton quantity: 12



## COLD COAT

### PATENTED THERMAL SHIELD GEL

Slows the transfer of heat in metal while soldering, brazing or welding

Shields adjoining surfaces from overheating, discoloration damage or distortion

Rapidly cools hot materials

Reduces the risk of hidden fires and heat damage when soldering or welding in compromised areas

Protects sensitive valves, gaskets, and previously soldered joints that may be damaged during soldering or welding

**NON-TOXIC AND 100% BIODEGRADABLE**



PROD NO	DESCRIPTION	WEIGHT		CTN
		OZ	G	QTY
WS80325	Cold Coat Thermal Shield Gel Spray	32	94.6	8
WS80326	Cold Coat Thermal Shield Gel Paste	32	94.6	8

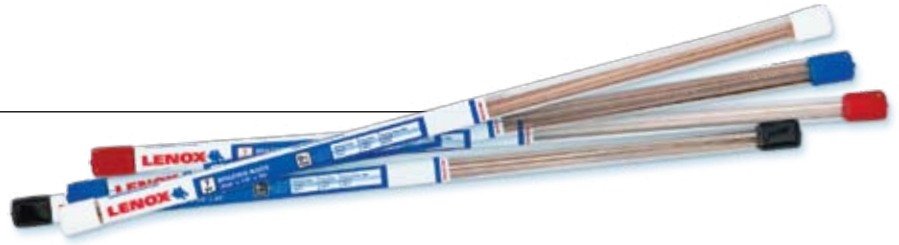
## BRAZING RODS

.125" x .050" x 20"  
3.175MM x 1.27MM x 508MM

**BRAZING RODS FOR JOINING COPPER,  
BRASS AND BRONZE**

**PACKAGED IN CONVENIENT PLASTIC TUBES**

1lb / 454g, 1/2lb / 227g & 1/4lb / 113g



### 15% SILVER BRAZING RODS

15% Silver, 5% Phosphorus, balance Copper

Best alloy at filling gaps when close fit-ups cannot be made

Highest joint ductility and strength in HVAC-R applications

Phosphorus acts as a fluxing agent when joining copper to copper. When joining brass use LENOX Brazing Flux (WS78172)

Temperature: Melt 1190° F, Flow 1475° F

Meets AWS BCup-5



PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		LB	G	
WS78171	Brazing Rods	1	454	12
WS78170	Brazing Rods	1/2	227	12
WS78169	Brazing Rods	1/4	113	12

### 6% SILVER BRAZING RODS

6% Silver, 7.5% Phosphorus, balance Copper

Similar to 15% silphos with the ability to fill gaps and form fillets without adversely affecting strength

Phosphorus acts as a fluxing agent when joining copper to copper. When joining brass use LENOX Brazing Flux (WS78172)

Temperature: Melt 1190° F, Flow 1460° F

Meets AWS BCuP-4



PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		LB	G	
WS78168	Brazing Rods	1	454	12
WS78167	Brazing Rods	1/2	227	12
WS78166	Brazing Rods	1/4	113	12

### 5% SILVER BRAZING RODS

5% Silver, 6% Phosphorus, balance Copper

Similar to 15% silphos with the ability to fill gaps and form fillets without adversely affecting strength

Phosphorus acts as a fluxing agent when joining copper to copper. When joining brass use LENOX Brazing Flux (WS78172)

Temperature: Melt 1190° F, Flow 1495° F

Meets AWS BCuP-3



PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		LB	G	
WS78165	Brazing Rods	1	454	12
WS78164	Brazing Rods	1/2	227	12
WS78163	Brazing Rods	1/4	113	12

### 0% SILVER BRAZING RODS

0% Silver, 7.25% Phosphorus, balance Copper

Phosphorus acts as a fluxing agent when joining copper to copper. When joining brass use LENOX Brazing Flux (WS78172)

Very fluid, medium temperature brazing alloy

Temperature: Melt 1310° F, Flow 1460° F

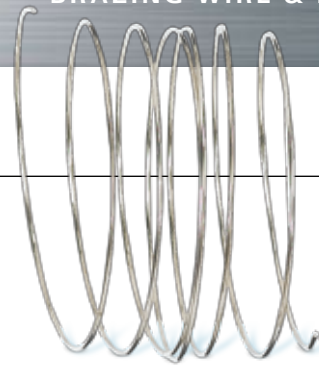
Meets AWS BCuP-2



PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		LB	G	
WS78162	Brazing Rods	1	454	12
WS78161	Brazing Rods	1/2	227	12
WS78160	Brazing Rods	1/4	113	12



## BRAZING WIRE



### 45% SILVER BRAZING WIRE

45% Silver, 25% Zinc, balance Copper  
 Melting temperature: 1225°–1500° F  
 Meets AWS Bag-5  
 Sold in troy ounces

PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		TROY OZ	G	
WS78045	Brazing Wire	1	31	1
WS78104	Brazing Wire	3	93	1
WS78013	Brazing Wire	5	156	1
WS78195	Brazing Wire	50	1555	1

### 56% SILVER BRAZING WIRE

56% Silver, 17% Zinc, 5% Tin, balance Copper  
 Melting temperature: 1145°–1500° F  
 Meets AWS Bag-7  
 Sold in troy ounces

PROD NO	DESCRIPTION	WEIGHT		CARTON QTY
		TROY OZ	G	
WS78185	Brazing Wire	1	31	1
WS78186	Brazing Wire	3	93	1
WS78063	Brazing Wire	5	156	1

## INDUSTRIAL ALLOYS



### BABBITT/PEWTER/TIN INDUSTRIAL METALS

Consists of one or more non-ferrous metals in various proportions

Babbitt/Pewter can be used for lining bearings

A high Tin alloy is desirable for heavy or high speed bearing loads

#### QUALITY CONTROL

All product is metal imprinted with the noun name abbreviation and the lot #

Certificate of Analysis and Certification to Specification available if required

PROD NO	DESCRIPTION	ALLOY	CARTON QTY
WS00533	Pure Tin Bar	Sn100	70 lb
WS44014	#3 Babbitt (Willard #3) Genuine Sm 5.5# Ingot	Sn87 Sb10 Cu3	55 lb
WS44016	B23-G2 89/7.5/3.5 Babbitt Lg 17.5# Ingot	Sn89 Sb7.5 Cu3.5	35 lb
WS44017	B23-G2 Babbitt Sm 5.5# Ingot	Sn89 Sb7.5 Cu3.5	55 lb
WS44028	4x Nickel Babbitt Sm 5.5# Ingot	Sn89 Sb7.5 Cu3.0 Ni0.5	55 lb
WS42050	#4 Babbitt Pb96 Sn4 S8.5# avg Sm Ingot	Pb96 Sb4	50 lb
WS42051	Univ Babbitt B23-G7 8.5# avg Sm Ingot	Pb75.5 Sb15 Sn9.5	50 lb

# SOLDERING AND BRAZING FLUX

**CRITICAL FOR PROPER SOLDERING AND SELECTED BRAZING ACTIVITIES**  
**AIDS REMOVAL OF OXIDES AND IMPURITIES**  
**HELPS DRAW SOLDER AND BRAZING ALLOYS INTO JOINTS**  
**PROVIDES BETTER ADHESION OF ALLOY TO PIPE**



## WATER SOLUBLE FLUX

NSF 61 certified safe for potable water applications  
 Water soluble lead-free flux  
 Meets ASTM B-813  
 Excellent performance with any lead-free Solder  
 Unit lot numbering ensures complete traceability



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78091	Water Soluble Flux	1.7	48	30
WS78092	Water Soluble Flux	8	227	12
WS78093	Water Soluble Flux	16	454	12

## TINNING FLUX

NSF 61 certified safe for potable water applications  
 Petroleum based lead-free flux with metals for pre-tinning copper  
 Check local plumbing codes for usage and restrictions  
 Unit lot numbering ensures complete traceability



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78096	Tinning Flux	1.7	48	30

## SILVER BRAZING PASTE FLUX

General purpose brazing paste flux  
 Brazes copper, brass, nickel, carbon steel, stainless steel and precious metals  
 Residues are water soluble  
 Brush cap dispenser included  
 Appropriate flux metals: BAg, BCuP  
 AWS A5.31-91, Type FB3A



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78172	Silver Brazing Paste Flux	6	170	6

## PASTE FLUX

NSF 61 certified safe for potable water applications  
 Petroleum based lead-free flux  
 Check local plumbing codes for usage and restrictions  
 Unit lot numbering ensures complete traceability



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78090	Paste Flux	2	57	30
WS78130	Paste Flux	8	227	12
WS81144	Paste Flux - Bottle with Brush Cap	4	113	6
WS80143	Paste Flux	16	454	12
WS81090	Cold Weather Paste Flux	2	57	30
WS81130	Cold Weather Paste Flux	8	227	12
WS81143	Cold Weather Paste Flux	16	454	12

### GENERAL PURPOSE LIQUID SOFT SOLDER FLUX

Formulated for soldering stainless steel, Monel®, high-chrome alloys, Inconel®, nickel, copper, brass, ferrous alloys and many other metals

Excellent across a broad range of base metals, solders and temperatures

Aggressively removes oxide coatings and other impurities

Use for soft soldering



### HIGH ACTIVITY, STAINLESS STEEL LIQUID FLUX

Formulated for soldering stainless steel and high-chrome alloys

Added bi-fluoride element increases etching ability

Excellent across a broad range of base metals, solders and temperatures

Aggressively removes oxide coatings and other impurities

Provides excellent capillary actions



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78209	General Purpose Liquid Soft Solder Flux	4	113	6



PROD NO	DESCRIPTION	WEIGHT		CTN QTY
		OZ	G	
WS78208	Stainless Steel Liquid Flux	4	113	6

## ABRASIVES

### OPEN MESH CLOTH

Grain bonded on both sides of cloth

Fully waterproof

Lasts longer than sand cloth



### SAND CLOTH

Flexible cloth backing

Water resistant resin coating

Long lasting performance

120 Grit



PROD NO	DESCRIPTION	CARTON QTY
WS80138	2 Yard Open Mesh Cloth	36
WS80139	5 Yard Open Mesh Cloth	12
WS78119	10 Yard Open Mesh Cloth	6
WS80319	25 Yard Open Mesh Cloth	6

PROD NO	DESCRIPTION	CARTON QTY
WS78117	2 Yard Sand Cloth	36
WS80136	5 Yard Sand Cloth	12
WS80137	10 Yard Sand Cloth	6
WS78118	25 Yard Sand Cloth	6

## BRUSHES

### FITTING BRUSH

High quality dense wire for long life, quick cleaning, and etching

Color coded by size for easy identification

### TUBE CLEANING BRUSH

High quality dense wire for long life, quick cleaning, and etching

Color coded by size for easy identification

### 4-IN-1 BRUSH

High quality dense wire for long life, quick cleaning, and etching

Includes 1/2" & 3/4" fitting and tube cleaning brushes

### GENERAL PURPOSE

4" brush can be used for applying flux, instant solder pastes, grease, and other general purpose brushing needs

5 brushes per package

PROD NO	DESCRIPTION	COLOR	CARTON QTY
WS78121	1/2" Fitting Brush	●	12
WS78122	3/4" Fitting Brush	○	12
WS80114	1" Fitting Brush	●	12
WS80186	1-1/4" Fitting Brush	●	12
WS80187	1-1/2" Fitting Brush	●	12
WS80188	2" Fitting Brush	●	12
WS80145	1/2" Tube Cleaning Brush	●	12
WS80146	3/4" Tube Cleaning Brush	○	12
WS80147	1" Tube Cleaning Brush	●	12
WS78120	Multi-Purpose 4-IN-1 Brush 3/4" & 1/2"		12
WS80129	General Purpose Acid Brush 5-pack		12



## ACCESSORIES

### PLUMBER'S BREAD

Acts as a temporary water barrier during repairs

Dissolves in under 2 minutes

NSF/ANSI 60 certified

Includes insertion tool and 12 each 1/2" and 3/4" dissolvable plugs



PROD NO	DESCRIPTION	CARTON QTY
WS80324	PLUMBERS BREAD 1/2" and 3/4" Plugs	6

### DEBURRING TOOL KIT

Pencil deburring tool removes burrs



PROD NO	DESCRIPTION	CARTON QTY
WS78188	10 piece Deburring Tool Kit	10





## THE EXTRA-MILE HERO

### PETE DINGEMAN

Pete overflowed with the passion that defines a true hero. A foreman at Griggs Steel in Michigan and a LENOX band saw blade user, Pete was selected as the 2009 LENOX Extra-Mile Hero after a nation-wide search.

Pete devoted much of his life to supporting the Children's Tumor Foundation (CTF). A life-long sufferer of neurofibromatosis (NF), Pete worked tirelessly to raise money for research into the disease, serving as founder and Michigan chapter President for CTF, running marathons, holding charity events and ultimately donating his winnings from the Extra-Mile Hero award to the foundation.

Throughout his life-long battle with NF, his passion for life could not be altered. His strength and determination were contagious. It's the stuff that makes a true hero. Pete leaves a legacy of going the extra-mile in his community and teaching us all about humility, optimism and selflessness.

*"I am **humbled** by all of this attention. The work I do with The Children's Tumor Foundation is extremely important to me. I do it for the kids, **they're the reason I run**, the reason I work so hard for NF research, so that **their lives can be better.**"*

Peter John Dingeman  
January 23, 1951 – December 7, 2009  
For information on donating, visit [www.lenoxtools.com/pete](http://www.lenoxtools.com/pete).



