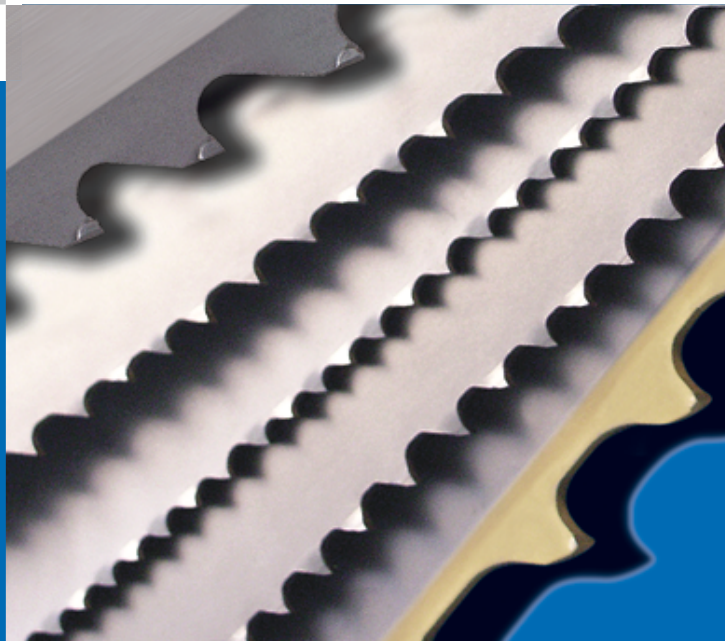




## PRODUCT CATALOG

BAND SAW BLADES • POWER TOOL ACCESSORIES • HAND TOOLS



Discover the performance of LENOX® technology.



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**What the LENOX® Heritage of Quality and Performance Means for You.**

The LENOX® name is inspired by the speed, strength and sharp teeth of the wolves that once roamed the hills near the western shore of Loch Lomond in Scotland—home to the Earl of Lenox.

With that inspiration, we began our company in 1915, making the first LENOX® hacksaw blades with just ten employees. Now, almost 90 years later, LENOX® remains dedicated to producing the highest quality, best performing cutting products. As a result, we’ve grown to employ more than 600 people. Most of them work at our ISO 9001 certified facility in East Longmeadow, MA, U.S.A., where we design, test and manufacture a broad range of band saw blades, power tool accessories and hand tools. Professionals count on the performance of our products in more than 70 countries around the world.

We continue to invest in our facilities, strongly supporting research and development and integrating the most advanced manufacturing technology. The result is the breakthrough performance and endurance of our newest products—including our LENOX® Gold™ Utility Knives and Blades, Carbide Hole Cutters, and ARMOR™ Band Saw Blades. You’ll see the exciting details in this catalog. Plus, even more new, pacesetting LENOX® products are under development today and will soon be available.

Our commitment to quality and expertise extends throughout our sales and service organizations. LENOX® Representatives are carefully selected for their professionalism, experience and expertise. They are fully trained on both the application and marketing of LENOX® branded products. As a result, your LENOX® Representative knows your industry and fully understands the needs of wholesalers, distributors, retailers and end users.

Above all, we are committed to fully meeting the needs of our customers and ensuring complete satisfaction with our products and services. If you are new to LENOX®, thank you for the opportunity to earn your business.



LENOX® ISO 9001 certified facility in East Longmeadow, Mass., U.S.A.

## How LENOX® R&D Raises the Bar on Cutting Performance

### We leverage exceptional scientific understanding.

LENOX® has been developing premium performance blades for nearly 90 years. That unique depth of experience has brought us a command of the science of cutting that's second to none.

### It starts with our users' real world needs.

We set our R&D goals based on our unmatched insight into customer and industry requirements. Because we fully understand what our customers are cutting and how they are cutting it, we can develop superior, application specific blades.

### Superior quality processes shape our product development.

We apply advanced statistical tools such as Six Sigma® to ensure consistent performance every step of the way. Our milestone-based product development ensures that you get the right product with the right quality at the right time—right from the start.

We won't ship a blade until its premium performance is proven. We constantly test LENOX® and competitors' products—both in our own laboratories and at independent labs. We research and develop new products and processes—finding new ways to engineer and manufacture products that work better for you.

### We won't compromise on R&D investment.

Our dedicated R&D staff is among the largest, most experienced in the world. If there's a way to engineer more performance into a blade, our engineers will find it—and our state of the art manufacturing facility can build it.

A fully equipped, in-house metallurgical lab enables us to engineer LENOX® product performance right down to the raw material level. With a broad in-house test facility, we can fine tune blade designs and other products to ensure maximum performance in any application.



## **TUFF TOOTH™ Technology— Just One Example of How LENOX® R&D Pays Off For You.**

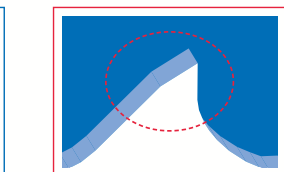
Tooth strippage used to be a problem, especially when cutting tough materials like stainless steel. Not anymore. Using the latest computer design technology, LENOX® R&D found a way to greatly strengthen teeth at the point where they were most likely to break. LENOX® brings you the result—patented **TUFF TOOTH™** design—in a wide range of bi-metal blades. **TUFF TOOTH™** delivers dramatically improved cutting performance with a smoother feel, faster cut and longer lasting blade.



**TUFF TOOTH™** patent no. 6167792B2



Standard tooth



vs. **TUFF TOOTH™**

## FACTORY SUPPORT



### Guaranteed Trial Order.

Order a LENOX® blade and get this guarantee: the recommended blade will outperform your present blade or your money back—that's the LENOX® Guaranteed Trial Order (GTO). Contact your LENOX® Sales Representative for more details.

### Machine Tune-Up for the Best Sawing Performance.

After a thorough tune-up by your LENOX® Factory Trained Technical Representative, every blade will cut smoother, straighter and faster. This 13 point tune-up optimizes blade and machine performance—ultimately reducing costs.

### Seminars Increase Productivity.

Help your operators become more efficient with a problem-solving seminar taught in your plant by LENOX®. The seminar will cover installing blades, adjusting machinery, understanding speeds and feeds—everything you need to know to maximize machine and blade efficiency and reduce downtime.

### Technical Support by Phone.

Answers to sawing questions are just a toll free call away. LENOX® Technical Support Professionals will tell you the most appropriate blade for a job. Get tips on sawing and learn ways to make the job easier. The answers will save money and effort.

- Call 800-642-0010
- Fax: 800-265-9221
- E-mail: [custserv@lenoxsaw.com](mailto:custserv@lenoxsaw.com)

### SAWCALC®

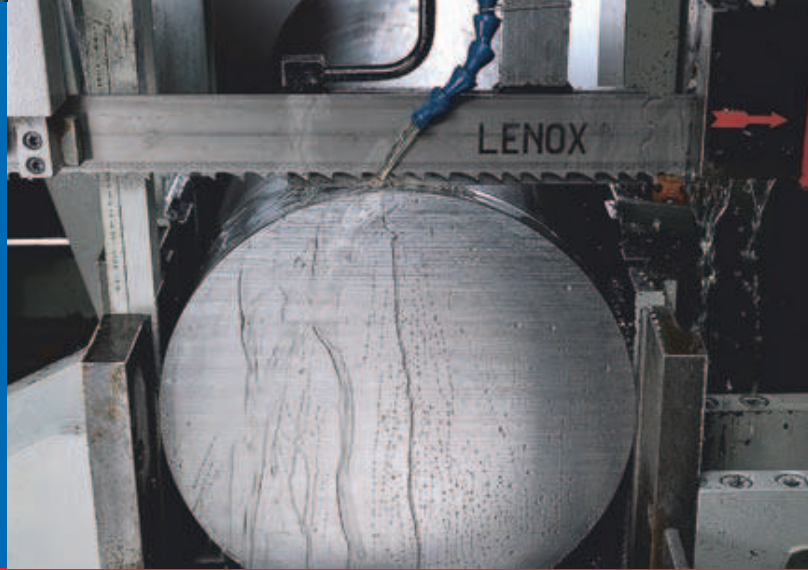
Product Number 00501

SAWCALC® is an easy to use software program designed to increase efficiency and profits. You can quickly access volumes of sawing information to help reduce your sawing costs. Let SAWCALC® help you determine cutting parameters for your band sawing applications.

SAWCALC® considers your material composition, size, shape, and the machine model to prescribe specific speeds, feeds, blade and tooth specification needed to achieve the best payback on your sawing investments. The program is available in English, French, German and Spanish, using either imperial or metric units.

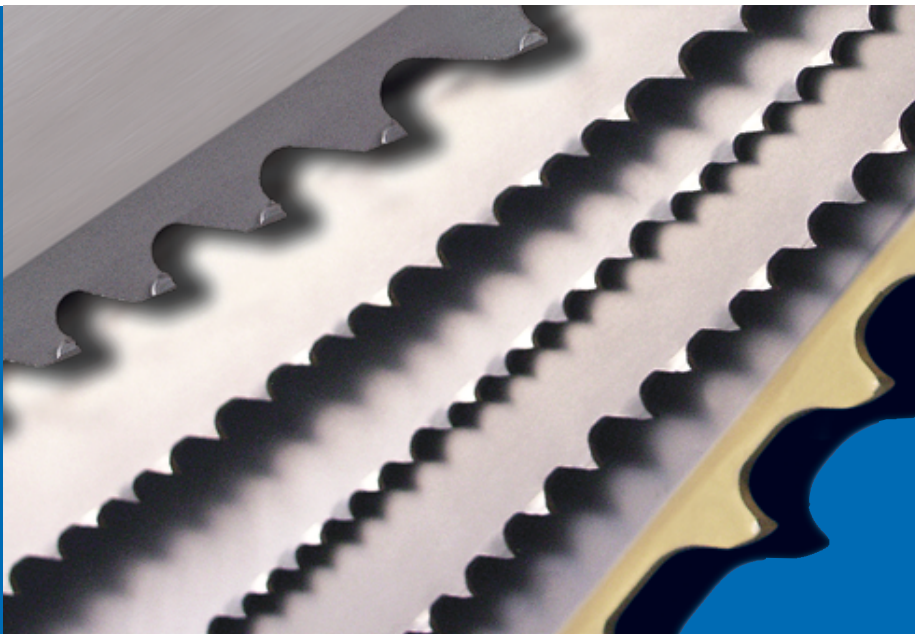
### The LENOX® Guarantee:

LENOX® provides a limited warranty for our products. Use only in accordance with LENOX® instructions. 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.



# BAND SAW BLADES

CARBIDE • BI-METAL • CARBON • SAWING FLUIDS



## HOW TO SELECT YOUR BAND SAW BLADES

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

For example:	Product Name	Length x Width x Thickness	Teeth Per Inch
	<b>CONTESTOR GT®</b>	16' x 1-1/4" x .042" 4860mm x 34mm x 1.07mm	3/4TPI

These steps are a guide to selecting the appropriate product for each application:

### Step #1 Analyze the sawing application

**Machine:** For most situations, knowing the blade dimensions (length x width x thickness) is all that is necessary.

**Material:** Find out the following characteristics of the material to be cut.

- Grade • Hardness (if heat treated or hardened) • Shape • Size
- Is the material to be stacked (bundled) or cut one at a time?

**Other Customer Needs:** The specifics of the application should be considered.

- Production or utility/general purpose sawing operation?
- What is more important, fast cutting or tool life?
- Is material finish important?

### Step #2 Determine which product to use

Use the charts on pages 5, 12, 13 and 20.

- Find the material to be cut in the top row.
- Read down the chart to find which blade is recommended.
- For further assistance, contact LENOX® Technical Support Department at 800-642-0010.

### Step #3 Determine the proper number of teeth per inch (TPI)

Use the tooth selection chart on page 22.

- If having difficulty choosing between two pitches, the finer of the two will generally give better performance.
- When compromise is necessary, choose the correct TPI first.

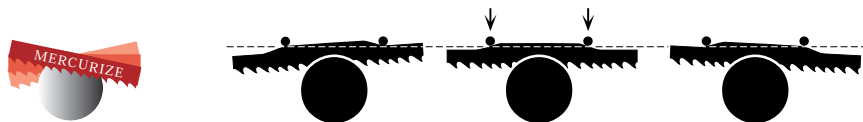
A general rule for bundles: Determine the correct TPI for one piece, and choose one pitch coarser for the bundle.

### Step #4 Order LENOX® Sawing Fluids and Lubricants

...for better performance and longer life on any blade.

### Step #5 Determine the need for MERCURIZATION

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



### Step #6 Install the blade and fluid

### Step #7 Break in the blade properly

For break-in recommendations, refer to *SAWCALC®* or contact LENOX® Technical Support 800-642-0010.

### Step #8 Run the blade at the correct speed and feed rate

Refer to the Bi-metal and Carbide Speed Charts. For additional speed and feed recommendations, refer to *SAWCALC®* or contact LENOX® Technical Support 800-642-0010.

# PRODUCT SELECTION CHARTS

## Carbide Product Selection

### HIGH PERFORMANCE

	Aluminum	Low Carbon Steels	High Carbon Steels	Alloy Steels	Bearing Steels	Mold Steels	Stainless Steels	Tools Steels	Titanium Alloys	Nickel-Based Alloys
PERFORMANCE ↑	<b>ARMOR® CT BLACK</b> for Extreme Cutting Rates									
	<b>ARMOR® CT GOLD</b>		<b>ARMOR® CT GOLD</b> for Superior Life							
	<b>TNT CT®</b>						<b>TNT CT®</b>			
	<b>TRI-MASTER®</b>									
	EASY ← MACHINABILITY → DIFFICULT									

### SPECIAL APPLICATION

	Wood	Composites	Aluminum (Including Alum. Castings)	Tires	Case Hardened Materials (Including IHCP Cylinder Shafts)
PERFORMANCE ↑	<b>ALUMINUM MASTER™ CT</b>			<b>HRc™</b>	
	<b>SST CARBIDE™</b>				
	<b>TRI-MASTER®</b>				
	<b>MASTER GRIT®</b>		<b>MASTER GRIT®</b>		
	EASY ← MACHINABILITY → DIFFICULT				

## Bi-metal Product Selection

### HIGH PRODUCTION

	Aluminum	Low Carbon Steels	High Carbon Steels	Alloy Steels	Bearing Steels	Mold Steels	Stainless Steels	Tools Steels	Titanium Alloys	Nickel-Based Alloys
PERFORMANCE ↑	<b>ARMOR® Rx+</b> Ideal for Structurals/Bundles and Small Rounds						<b>CONTESTOR GT® M-51</b> Superior Life – Large Block Applications			
							<b>CONTESTOR GT®</b> Superior Life – Standard Applications			
	<b>LXP®</b> Ideal at High Cutting Rates									
	<b>Rx+</b> Ideal for Structurals/Bundles									
	EASY ← MACHINABILITY → DIFFICULT									

### GENERAL PURPOSE

	Carbon Steels	Light Alloy Steels	Mold Steels	Tools Steels	Stainless Steels
PERFORMANCE ↑	<b>CLASSIC®</b> 3/4" and Wider Blades				
	<b>DIEMASTER 2®</b> 1/2" and Narrower Blades				
EASY ← MACHINABILITY → DIFFICULT					



BAND SAW BLADES

ARMOR™ CT

## THE LENOX® ADVANTAGE™

competition.

- Extensive surface preparation to clean the blade.
- Advanced coating application provides superior adhesion and performance.
- **ARMOR™ protects the cutting edge**  
**ARMOR™** forces the heat away from the teeth and into the chip.
  - Long lasting cutting edge.
  - Increased tooth life.
  - Abrasion resistance.



# ARMOR<sup>®</sup> CT BLACK

For Extreme Cutting Rates



**EXTREME CUTTING RATES!**

Ground Tooth Bi-metal Blade

**ARMOR<sup>™</sup> CT BLACK** ← **47 SECONDS!**

Minutes 0 5 10 15 20 25

25 minutes

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

## THE LENOX<sup>®</sup> ADVANTAGE<sup>™</sup>

- **High quality, micro-grained carbide**  
Tailored to cut a wide range of materials.
- **New high performance backing steel**  
Excellent fatigue life.
- **AlTiN ARMOR<sup>™</sup> for productivity and 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.
- **ARMOR<sup>™</sup> allows for low thermal conductivity**  
Forces heat into the chips rather than the blade or workpiece.

## Specifications

Width x Thickness		TPI				Applications
Inches	MM	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				◆	Carbon steels, Alloy steels, Aluminum, Bearing steels, Stainless steels, Mold steels, Tool steels, Titanium alloys, Bundled mild steel tubing
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	◆				



# ARMOR<sup>®</sup> CT GOLD

For Superior Life



**SUPERIOR LIFE!**

Ground Tooth Bi-metal Blade

**ARMOR<sup>™</sup> CT GOLD**

Sq. In. 5,000 10,000 15,000 20,000 25,000

8,000 sq. inches

**25,000 SQUARE INCHES!**

Material: 3" (76mm) Plate A-36 Mild Steel  
Based on external test results.

## THE LENOX<sup>®</sup> ADVANTAGE<sup>™</sup>

- **High quality, micro-grained carbide**  
Tailored to offer superior toughness in difficult applications.
- **New high performance backing steel**  
Excellent fatigue life.
- **TiN ARMOR<sup>™</sup> for productivity and blade life**  
Our Titanium Nitride coatings combine Titanium ions and Nitrogen in a vapor deposition chamber. This gold colored coating is very adaptable to most general purpose cutting applications and is known for its high adhesion to the tooth edge substrate, and has excellent high hardness and wear characteristics.

## Specifications

Width x Thickness Inches	MM	TPI	
		0.9/1.1	1.8/2.0
1-1/2 x .050	41 x 1.27		◆
2 x .063	54 x 1.60	◆	◆

### Applications

Low carbon steels, Alloy steels, Stainless steels,  
Mold steels, Bearing steels



## CARBIDE BAND SAW BLADES

### TNT CT®

## Extreme Performance on Super Alloys

### Specifications

Width x Thickness Inches	MM	TPI			Applications
		0.9/1.1	1.8/2.0	2.5/3.4	
1-1/4 x .042	34 x 1.07			◆	Titanium, Titanium alloys, Inconel®, Aerospace,
1-1/2 x .050	41 x 1.27	◆	◆	◆	Nickel-base alloys, Stainless steels,
2 x .063	54 x 1.60	◆	◆	◆	High chrome alloys, Tool steels,
2-5/8 x .063	67 x 1.60	◆	◆		Specialty steels, Aluminum
3 x .063	80 x 1.60	◆			



### THE LENOX® ADVANTAGE™

- **New grade of carbide and special ground tooth form**  
Superior wear resistance when sawing difficult to cut materials.
- **New high performance backing steel**  
Excellent fatigue life.

### TRI-MASTER®

## Versatile Carbide Tipped Blade

### Specifications

Tooth Form Width x Thickness Inches	MM	VARI-TOOTH® TPI				Standard Positive TPI 3	Applications
		1.2/1.8	1.5/2.3	2/3	3/4		
3/8 x .032	9.5 x 0.80				◆	◆	Abrasive non-ferrous materials, Wood cutting, Alloy steels, Tool steels, Bearing steels, Carbon steels, Stainless steels, Mold steels
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	◆					



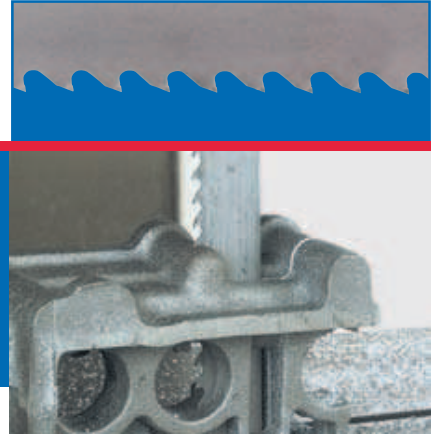
### THE LENOX® ADVANTAGE™

- **Precision triple chip grind**  
Smooth cuts, excellent finish.
- **New high performance backing steel**  
Excellent fatigue life.

CARBIDE BAND SAW BLADES

**ALUMINUM MASTER™ CT**

**Triple Chip Tooth Design**



**Specifications**

Tooth Form Width x Thickness		VARI-TOOTH® TPI	Standard TPI	Applications
Inches	MM	2/3	3	
3/4 x .035	19 x 0.90		◆	Castings, Composites, Aluminum engine blocks, Rough cutting of wood & plywood
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	◆		

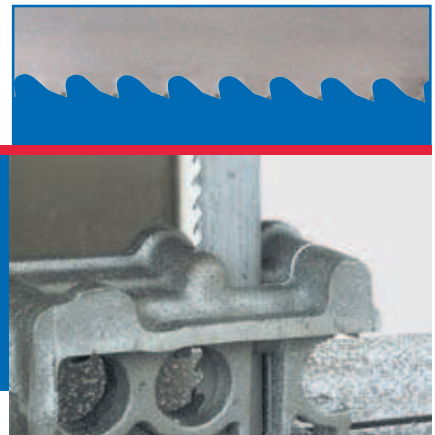


**THE LENOX® ADVANTAGE™**

- **High quality sub micro-grained carbide**  
Extreme wear resistance.
- **Triple chip tooth geometry**  
Fast cutting, ease of feed, great finish.
- **New high performance backing steel**  
Excellent fatigue life.

**SST CARBIDE™**

**Set Style Tooth (SST) Design**



**Specifications**

Tooth Form Width x Thickness		Standard TPI	Applications
Inches	MM	3	
3/4 x .035	19 x 0.90	◆	Castings, Composites, Aluminum, Gates & risers, Rough cutting of wood & plywood
1 x .035	27 x 0.90	◆	



**THE LENOX® ADVANTAGE™**

- **High quality sub micro-grained carbide**  
Extreme wear resistance.
- **Set style tooth geometry**  
Regularly outperforms the competition.
- **New high performance backing steel**  
Excellent fatigue life.
- **Improved durability in hand-fed and contour cutting**

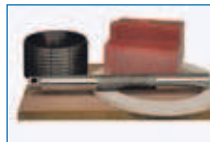
## CARBIDE BAND SAW BLADES

**HRC™**

### Carbide Tipped Blade for Case Hardened Materials

#### Specifications

Tooth Form Width x Thickness		VARI-TOOTH® TPI		Standard TPI	Applications
Inches	MM	2/3	3/4	3	
1 x .035	27 x 0.90			◆	IHCP cylinder shafting, Ampco bronze, Case hardened materials, Tire cutting, Railroad track
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	◆			



#### THE LENOX® ADVANTAGE™

- **High quality, micro-grained carbide**  
Outstanding durability.
- **Strong tooth design**  
0° rake angle, superior strip resistance.
- **New high performance backing steel**  
Excellent fatigue life.
- **Replaces abrasive cut-off operations**

**MASTER-GRIT®**

### Carbide Grit Edge Blade for Cutting Abrasive and Hardened Materials

#### Specifications

Edge Preparation Grit Width x Thickness		Gulleted			Continuous		Applications
Inches	MM	Medium	Med-Coarse	Coarse	Medium	Coarse	
1/4 x .020	6.4 x 0.50				◆		Fiberglass, Reinforced plastics, Graphite, Steel belted tires
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			◆			



#### THE LENOX® ADVANTAGE™

- **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.

CARBIDE BAND SAW BLADES

CARBIDE PRODUCT SELECTION CHART

HIGH PERFORMANCE

↑ PERFORMANCE	Aluminum	Low Carbon Steels	High Carbon Steels	Alloy Steels	Bearing Steels	Mold Steels	Stainless Steels	Tools Steels	Titanium Alloys	Nickel-Based Alloys	
	<b>ARMOR® CT BLACK</b> for Extreme Cutting Rates										
		<b>ARMOR® CT GOLD</b>		<b>ARMOR® CT GOLD</b> for Superior Life							
	<b>TNT CT®</b>							<b>TNT CT®</b>			
	<b>TRI-MASTER®</b>										
	← EASY			MACHINABILITY				→ DIFFICULT			

CARBIDE SPEED CHART

FPM = Feet Per Minute  
MPM = Meters Per Minute

Materials	Trade Name	German Stoff #	Japan JIS	ARMOR® CT BLACK		ARMOR® CT GOLD		TNT CT®	
				FPM	MPM	FPM	MPM	FPM	MPM
Aluminum Alloys	2024, 5052, 6061, 7075	3.1355, 3.3525, 3.3211, 3.4365	2024, 5052, 6061, 7075	3,500-8,500*	1000-2600			3,500-8,500*	1000-2600
Copper Alloys	CDA 220	2.0230	C2200					240	73
	CDA 360	2.0375	C3601					300	91
	Cu Ni (30%) Be Cu	2.0835 -	- C1700, C1720					220 180	67 55
Bronze Alloys	AMPCO 18	-	-					205	62
	AMPCO 21	-	-					180	55
	AMPCO 25	-	-					115	35
	Leaded Tin Bronze	2.1177	-					300	91
	Al Bronze 865	2.0976	AIBCIn1					200	61
	Mn Bronze	2.0602	-					220	67
Brass Alloys	932	-	-					300	91
	937	-	-					300	91
Leaded, Free Machining Low Carbon Steels	Cartridge Brass, Red Brass (85%)	-	BC6					260	79
	Naval Brass	-	YCuZnSn					230	70
Structural Steel	1145	-	-	370	113				
	1215	1.0736	SUM 25	425	130	290	88		
Low Carbon Steels	12L14	1.0718	SUM 24L	450	137	350	107		
	A36	1.0132	-	350	107				
Medium Carbon Steels	1008, 1018	1.0310, 1.0453	S9CK	310	94	250	76		
	1030	1.1178	S 30 C	290	88	240	73		
High Carbon Steels	1035	1.0501	S 35 C	285	87	230	70		
	1045	1.0503, 1.1191	S 45 C	275	84	220	67		
Mn Steels	1060	1.0601	S 58 C, S60 CM	260	79				
	1080	1.1259	1080	250	76				
	1095	1.0618	SUP 4	240	73				
Cr-Mo Steels	1541	1.1167	SMn 438 (H)	260	79	220	67		
	1524	1.0499	SCMn1, SCMn21	240	73	200	61		
Cr Alloy Steels	4140	1.7225	SCM 440 (H)	300	91	230	70		
	41L50	-	-	310	94	240	73		
Ni-Cr-Mo Steels	4150H	-	-	290	88	220	67		
	6150	1.8159	SUP 10	315	96	220	67		
	52100	1.3505	SUJ 2	300	91	295	90		
Low Alloy Tool Steel	5160	1.7176	SUP 9 (A)5	315	96	230	70		
	4340	1.6565	SNCM 439, SNCM 8	300	91	230	70		
	8620	1.6523	SNCM 220H, SNCM21	310	94	280	85		
	8640	1.6546	SNCM 240	305	93	240	73		
Water-Hardening Tool Steel	E9310	1.6657	-	315	96	295	90		
	L-6	1.2714	SKT 4	300	91			240	73
Cold-Work Tool Steel	W-1	1.1673	SK 1	300	91			220	67
	D-2	1.2379	SKD 11	240	73			210	64
Air-Hardening Tool Steels	A-2	1.2363	SHD 12	270	82			230	70
	A-6	-	-	240	73			220	67
	A-10	-	-	190	58			160	49
Hot Work Tool Steels	H-13	1.2344	SKD 61	240	73			220	67
	H-25	-	-	180	55			150	46
Oil-Hardening Tool Steels	O-1	1.2510	SKS 3	260	79			240	73
	O-2	1.2842	-	240	73			220	67
High Speed Tool Steels	M-2, M-10	1.3343	SKH 9	140	43			110	34
	M-4, M-42	1.3348, 1.3247	SKH 54, SKH 59	130	40			105	32
	T-1	1.3355	SKH 2	120	37			100	30
	T-15	1.3202	SKH 10	100	30			80	24
Mold Steels	P-3	-	-	300	91			200	61
	P-20	1.2328	-	280	85			160	49
Shock Resistant Tool Steels	S-1	1.2542	SKS 41	220	67				
	S-5, S-7	1.2823	-	200	61				
Stainless Steels	304	1.4301	SUS 304	300	91	235	72	220	67
	316	1.4401	SUS 316	280	85	225	69	180	55
	410, 420	1.4006, 1.4021	SUS 410, SUS 420 J1	330	101	240	73	250	76
	440A	1.4109	SUS 440 A	290	88	210	64	200	61
Precipitation Hardening Stainless Steels	440C	1.4125	SUS 440 C	280	85	200	61	200	61
	17-4 PH	1.4542, 1.4568	SUS 630, SUS 631	300	91	220	67	160	49
Free Machining Stainless Steels	15-5 PH	1.4545	-	300	91	220	67	140	43
	420F	-	-	340	104	250	76	270	82
Nickel Alloys	301	1.431	-	320	98	240	73	230	70
	Monel® K-500 Duranickel®301	2.4375 -	- -	- -	- -	- -	- -	90 80	27 24
Iron Based Super Alloys	A286, Incoloy®825	1.4980	SUH 660	-	-	-	-	80	24
	Incoloy® 600	-	-	-	-	-	-	75	23
	Pyromet®X-15	-	-	-	-	-	-	90	27
Nickel Based Alloys	Inconel® 600, Inconel® 718, Nimonic®90	2.4816, 2.4668,	NCF-600	-	-	-	-	85	26
	NI-SPAN-C® 902, RENE 41®	2.4973	-	-	-	-	-	85	26
	Inconel® 625	2.4831	-	-	-	-	-	115	35
	Hastalloy B, Waspalloy Nimonic® 75, RENE 88	2.4800, 2.4654 2.4951	NI-Mo28	-	-	-	-	75 75	23 23
Titanium Alloys	CP Titanium	3.7025	-	230	70			180	55
	Ti-6Al-4V	3.7615	-	230	70			180	55
Cast Irons	A536 (60-40-18)	0.7040	FCD 40	360	110				
	A536 (120-90-02)	0.7080	-	175	53				
	A48 (Class 20)	0.6010	FC 10	250	76				
	A48 (Class 40)	0.6025	FC 25	160	49				
	A48 (Class 60)	0.6040	-	115	35				

\* For metal cutting saws run between 275 and 350 FPM.

\*\* Typically for hardened and case hardened carbon steels up to 61 Rc.

# SPECIAL APPLICATION

PERFORMANCE ↑	Wood	Composites	Aluminum (Including Alum. Castings)	Tires	Case Hardened Materials (Including IHCP Cylinder Shafts)
	<b>ALUMINUM MASTER™ CT</b>				<b>HRC™</b>
	<b>SST CARBIDE™</b>				
	<b>TRI-MASTER®</b>				
	<b>MASTER-GRIT®</b>			<b>MASTER-GRIT®</b>	
EASY ←		MACHINABILITY		→ DIFFICULT	

For Technical Assistance see us on the web at [www.lenoxsaw.com](http://www.lenoxsaw.com) or call 800-642-0010.

Materials	Trade Name	German Stoff #	Japan JIS	ALUMINUM MASTER™ CT		SST CARBIDE™		HRC™		TRI-MASTER®	
				FPM	MPM	FPM	MPM	FPM	MPM	FPM	MPM
Aluminum Alloys	2024, 5052, 6061, 7075	3.1355, 3.3525, 3.3211, 3.4365	2024, 5052, 6061, 7075	3,500-8,500*	1000-2600	3,500-8,500*	1000-2600			3,500-8,500*	1000-2600
Copper Alloys	CDA 220	2.0230	-	210	64	210	64			210	64
	CDA 360	2.0375	C3601	295	90	295	90			295	90
	Cu Ni (30%) Be Cu	2.0835 -	- C1700, C1720	200 160	61 49	200 160	61 49	280		200 160	61 49
Bronze Alloys	AMPCO 18	-	-	180	55	180	55			180	55
	AMPCO 21	-	-	160	49	160	49			160	49
	AMPCO 25	-	-	110	34	110	34			110	34
	Leaded Tin Bronze	2.1177	-	290	88	290	88			290	88
	Al Bronze 865	2.0976	A1BCIn1	150	46	150	46			150	46
	Mn Bronze	2.0602	-	215	66	215	66			215	66
Brass Alloys	932	-	-	280	85	280	85			280	85
	937	-	-	250	76	250	76			250	76
Cartridge Brass, Red Brass (85%) Naval Brass	-	-	BC6					220	67	220	67
	-	-	YCuzSn					200	61	200	61
Leaded, Free Machining Low Carbon Steels	1145	-	-							290	88
	1215	1.0736	SUM 25							325	99
	12L14	1.0718	SUM 24L							350	107
Structural Steel	A36	1.0132	-								
Low Carbon Steels	1008, 1018	1.0310, 1.0453	S9CK					270**	82	250	76
	1030	1.1178	S 30 C					250**	76	240	73
Medium Carbon Steels	1035	1.0501	S 35 C					240**	73	230	70
	1045	1.0503, 1.1191	S 45 C					230**	70	220	67
High Carbon Steels	1060	1.0601	S 58 C, S60 CM					200**	61		
	1080	1.1259	1080					195**	59		
	1095	1.0618	SUP 4					185**	56		
Mn Steels	1541	1.1167	SMn 438 (H)								
	1524	1.0499	SCMn1, SCMn21								
Cr-Mo Steels	4140	1.7225	SCM 440 (H)								
	41L50 4150H	- -	- -								
Cr Alloy Steels	6150	1.8159	SUP 10								
	52100	1.3505	SUJ 2								
	5160	1.7176	SUP 9 (A)5								
Ni-Cr-Mo Steels	4340	1.6565	SNCM 439, SNCM 8								
	8620	1.6523	SNCM 220H, SNCM21								
	8640	1.6546	SNCM 240								
	E9310	1.6657	-								
Low Alloy Tool Steel	L-6	1.2714	SKT 4							192	59
Water-Hardening Tool Steel	W-1	1.1673	SK 1							176	54
Cold-Work Tool Steel	D-2	1.2379	SKD 11							168	51
	A-2	1.2363	SHD 12							184	56
Air-Hardening Tool Steels	A-6	-	-							176	54
	A-10	-	-							128	39
	H-13	1.2344	SKD 61							176	54
Hot Work Tool Steels	H-25	-	-							120	37
	O-1	1.2510	SKS 3							192	59
Oil-Hardening Tool Steels	O-2	1.2842	-							176	54
	M-2, M-10	1.3343	SKH 9							88	27
High Speed Tool Steels	M-4, M-42	1.3348, 1.3247	SKH 54, SKH 59							84	26
	T-1	1.3355	SKH 2							80	24
	T-15	1.3202	SKH 10							64	20
	P-3	-	-							160	49
Mold Steels	P-20	1.2328	-							128	39
	S-1	1.2542	SKS 41								
Shock Resistant Tool Steels	S-5, S-7	1.2823	-								
	304	1.4301	SUS 304					220	67	154	47
Stainless Steels	316	1.4401	SUS 316					180	55	126	38
	410, 420	1.4006, 1.4021	SUS 410, SUS 420 J1					250	76	175	53
	440A	1.4109	SUS 440 A					200	61	140	43
	440C	1.4125	SUS 440 C					200	61	140	43
	Precipitation Hardening Stainless Steels	17-4 PH	1.4542, 1.4568	SUS 630, SUS 631					160	49	112
Free Machining Stainless Steels	15-5 PH	1.4545	-					140	43	98	30
	420F	-	-					270	82	189	58
Nickel Alloys	301	1.431	-					230	70	161	49
	Monel® K-500	2.4375	-							90	27
	Duranel® 301	-	-							80	24
Iron Based Super Alloys	A286, Incoloy® 825	1.4980	SUH 660							80	24
	Incoloy® 600	-	-							75	23
	Pyromet® X-15	-	-							90	27
Nickel Based Alloys	Inconel® 600, Inconel® 718, Nimonic® 90	2.4816, 2.4668,	NCF-600							85	26
	NI-SPAN-C® 902, RENE 41®	2.4973	-							85	26
	Inconel® 625	2.4831	-							115	35
	Hastalloy B, Waspalloy	2.4800, 2.4654	Ni-Mo28							75	23
	Nimonic® 75, RENE 88	2.4951	-							75	23
Titanium Alloys	CP Titanium	3.7025	-							150	46
	Ti-6Al-4V	3.7615	-							150	46
Cast Irons	A536 (60-40-18)	0.7040	FCD 40								
	A536 (120-90-02)	0.7080	-								
	A48 (Class 20)	0.6010	FC 10								
	A48 (Class 40)	0.6025	FC 25								
	A48 (Class 60)	0.6040	-								



BAND SAW BLADES

A close-up, angled view of a dark grey band saw blade. The blade has a series of large, rounded teeth along its edge. The text 'CONTESTOR GT' is printed in a bold, black, sans-serif font on the flat surface of the blade, following the curve of the teeth. A registered trademark symbol (®) is at the end of the text.

## THE LENOX® ADVANTAGE™

Patented, Proven Tooth Designs.

Materials: LENOX® uses only the finest quality raw materials available across our entire product range.

Process: Our distinct competitive advantage is the result of proprietary processes:

- Bi-metal Welding Process. LENOX® welds its own bi-metal composite material to increase the level of quality control.
- Heat Treating Process. Nearly 90 years of making the highest quality sawing products has made LENOX® the industry leader in the heat treating process.



## BI-METAL BAND SAW BLADES

### CONTESTOR GT®

## High Performance Bi-metal Blade

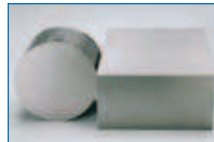


### THE LENOX® ADVANTAGE™

- **GT Ground Tooth**  
Cuts with less feed pressure.
- **High speed steel edge material**  
M-42 standard; M-51 available as listed below.
- **Unique gullet design**  
Increased beam strength.
- **Use when tool life and cutting accuracy are most important**

### Specifications

Width x Thickness		TPI						Applications
Inches	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				●	●	●	Aerospace alloys, Tool steels, Stainless steels,
1-1/4 x .042	34 x 1.07			◆	◆	◆	◆	Nickel based alloys, Titanium alloys
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	◆	◆	◆				



- = Milled Tooth
- ◆ = Ground Tooth
- = M-51 Edge



## BI-METAL BAND SAW BLADES

**LXP<sup>®</sup>**

**For Extreme  
Production Rates**



### THE LENOX<sup>®</sup> ADVANTAGE<sup>™</sup>

- **Large capacity gullet**  
Improved chip carrying capacity, for production cutting of alloy and carbon steels.
- **Extreme positive rake tooth profile**  
Easy penetration with reduced feed force.

### Specifications

Width x Thickness		TPI						Applications
Inches	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					◆		Production cutting, Aluminum, Carbon steels, Bearing steels, Alloy steels, Tool steels, Stainless steels, Solids, Heavy-walled tubing
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	◆						



# BI-METAL BAND SAW BLADES

**Rx<sup>®+</sup>**

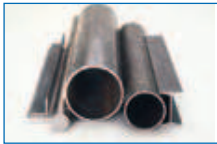
**Engineered to Cut  
Structurals, Tubing  
and Bundles**



## THE LENOX<sup>®</sup> ADVANTAGE<sup>™</sup>

- Reinforced tooth design**  
 For long life and extreme durability.
- Unique, patented tooth profile**  
 Powers through interrupted cuts. Eliminates tooth strippage.
- Unique, patented tooth pitch/set sequence**  
 Minimizes vibration and equalizes tooth loading. This eliminates harmonics and significantly reduces noise levels.
- M-42 high speed steel tooth edge**  
 For durability.

## Specifications

Width x Thickness		TPI					Applications
Inches	MM	2/3	3/4	4/6	5/8	10/14	
5/8 x .032	16 x 0.80					*	Large cross-section profiles, Bundled structural steel and tubing 
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	◆†	◆†	◆			

† = Extra heavy set available to prevent blade pinching

\* = Matrix Edge

# BI-METAL BAND SAW BLADES

## CLASSIC™

### The Ultimate Multi-Purpose Blade



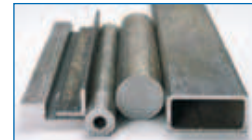
### THE LENOX® ADVANTAGE™

- **Shallow gullets**  
For increased beam strength.
- **Patented TUFFTOOTH™ design**  
For strip resistance.
- **M-42 high speed steel edge**  
For durability.



### Specifications

Tooth Form		TUFF TOOTH™				VARI-TOOTH®				Wavy		Hook	Applications
Width x Thickness	MM	TPI				TPI				TPI		TPI	
Inches		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			◆	◆	◆	◆	◆	◆	◆	◆	◆	Carbon steels, Light alloy steels,
1 x .035	27 x 0.90	◆	◆	◆	◆	◆	◆	◆	◆			◆	Mold steels, Tool steels,
1-1/4 x .042	34 x 1.07	◆	◆	◆	◆	◆	◆	◆					Stainless steels
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

## BI-METAL BAND SAW BLADES

### DIEMASTER 2®

## Engineered for Contour Cutting

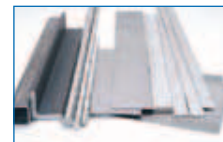


### THE LENOX® ADVANTAGE™

- **M-42 high speed steel tooth edge**  
For durability.
- **Designed to run at high speed**  
Runs at twice the speed of carbon.
- **Increased blade life**  
Lasts 10 times longer than carbon blades.
- **General purpose hand-fed applications**  
Tool and die shops, machine shops, maintenance facilities.

### Specifications

Tooth Form		VARI-TOOTH®				Standard				Hook			Applications
Width x Thickness		TPI				TPI				TPI			
Inches	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			◆	◆							◆	Carbon steels, Light alloy steels, Mold steels, Tool steels, Stainless steels, Sheet metal
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

## BI-METAL PRODUCT SELECTION CHART

### HIGH PRODUCTION

PERFORMANCE ↑	Aluminum	Low Carbon Steels	High Carbon Steels	Alloy Steels	Bearing Steels	Mold Steels	Stainless Steels	Tools Steels	Titanium Alloys	Nickel-Based Alloys	
								<b>CONTESTOR GT® M-51</b> Superior Life – Large Block Applications			
								<b>CONTESTOR GT®</b> Superior Life – Standard Applications			
	<b>LXP®</b> Ideal at High Cutting Rates										
<b>Rx®+</b> Ideal for Structurals/Bundles											
EASY ←———— MACHINABILITY —————→ DIFFICULT											

### GENERAL PURPOSE

PERFORMANCE ↑	Carbon Steels	Light Alloy Steels	Mold Steels	Tools Steels	Stainless Steels
	<b>CLASSIC®</b> 3/4" and Wider Blades				
	<b>DIEMASTER 2®</b> 1/2" and Narrower Blades				
EASY ←———— MACHINABILITY —————→ DIFFICULT					

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## BI-METAL SPEED CHART PARAMETERS

These figures are a guide to cutting 4" (100mm) 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
8" (203mm)	Chart Speed - 12%

- Reduce band speed 15% when using MICRONIZER® lubricants.
- Reduce band speed 30%–50% when sawing without fluid.
- Reduce band speed 50% when sawing with carbon blades.

For Heat Treated Materials

DECREASE Band Speed:	When Cutting Harder Material:	
	Rockwell	Brinell
0%	Up to 20	226
5%	22	237
10%	24	247
15%	26	258
20%	28	271
25%	30	286
30%	32	301
35%	36	336
40%	38	353
45%	40	371

# BI-METAL SPEED CHART

FPM = Feet Per Minute  
MPM = Meters Per Minute

\* These speeds are for cutting aluminum on metal cutting saws. Production aluminum cutting houses typically use high speed production saws that cut at speeds from 3,500–8,500 FPM.

Materials	U.S. Designation	German Stoff #	Japan JIS	FPM	MPM
Aluminum Alloys	2024, 5052, 6061, 7075	3.1355, 3.3525, 3.3211, 3.4365	2024, 5052, 6061, 7075	275-340*	84-104*
Copper Alloys	CDA 220	2.0230	C2200	210	64
	CDA 360	2.0375	C3601	295	89
	Copper Nickel (30%)	2.0835	-	200	61
	Beryllium Copper	-	C1700, C1720	160	49
Bronze Alloys	AMPCO 18	-	-	180	55
	AMPCO 21	-	-	160	49
	AMPCO 25	-	-	110	34
	Leaded Tin Bronze	2.1177	-	290	88
	Aluminum Bronze 865	2.0976	AIBCn1	150	46
	Manganese Bronze	2.0602	-	215	65
	932	-	-	280	85
Brass Alloys	937	-	-	250	76
	Cartridge Brass, Red Brass (85%)	-	BC6	220	67
	Naval Brass	-	YCuZnSn	200	61
Leaded, Free Machining Low Carbon Steels	1145	-	-	270	82
	1215	1.0736	SUM 25	325	99
	12L14	1.0718	SUM 24L	350	107
Structural Steel	A36	1.0132	-	250	76
Low Carbon Steels	1008, 1018	1.0310, 1.0453	S9CK	270	82
	1030	1.1178	S 30 C	250	76
	1035	1.0501	S 35 C	240	73
Medium Carbon Steels	1045	1.0503, 1.1191	S 45 C	230	70
	1060	1.0601	S 58 C, S 60 CM	200	61
	1080	1.1259	1080	195	59
High Carbon Steels	1095	1.0618	SUP 4	185	56
	1541	1.1167	SMn 438 (H)	200	61
	1524	1.0499	SCMn1, SCMn21	170	52
Cr-Mo Steels	4140	1.7225	SCM 440 (H)	225	68
	41L50	-	-	235	71
	4150H	-	-	200	61
Cr Alloy Steels	6150	1.8159	SUP 10	190	58
	52100	1.3505	SUJ 2	160	49
	5160	1.7176	SUP 9 (A)5	195	59
Ni-Cr-Mo Steels	4340	1.6565	SNCM 439, SNCM 8	195	59
	8620	1.6523	SNCM 220H, SNCM 21	215	65
	8640	1.6546	SNCM 240	185	56
	E9310	1.6657	-	160	49
Low Alloy Tool Steel	L-6	1.2714	SKT 4	145	44
Water-Hardening Tool Steel	W-1	1.1673	SK 1	145	44
Cold-Work Tool Steel	D-2	1.2379	SKD 11	90	27
Air-Hardening Tool Steels	A-2	1.2363	SHD 12	150	46
	A-6	-	-	135	41
	A-10	-	-	100	30
Hot Work Tool Steels	H-13	1.2344	SKD 61	140	43
	H-25	-	-	90	27
Oil-Hardening Tool Steels	O-1	1.2510	SKS 3	140	43
	O-2	1.2842	-	135	41
High Speed Tool Steels	M-2, M-10	1.3343	SKH 9	105	32
	M-4, M-42	1.3348, 1.3247	SKH 54, SKH 59	95	29
	T-1	1.3355	SKH 2	90	27
	T-15	1.3202	SKH 10	60	18
Mold Steels	P-3	-	-	180	55
	P-20	1.2328	-	165	50
Shock Resistant Tool Steels	S-1	1.2542	SKS 41	140	43
	S-5, S-7	1.2823	-	125	38
Stainless Steels	304	1.4301	SUS 304	115	35
	316	1.4401	SUS 316	90	27
	410, 420	1.4006, 1.4021	SUS 410, SUS 420 J1	135	41
	440A	1.4109	SUS 440 A	80	24
	440C	1.4125	SUS 440 C	70	21
Precipitation Hardening Stainless Steels	17-4 PH	1.4542, 1.4568	SUS 630, SUS 631	70	21
Free Machining Stainless Steels	15-5 PH	1.4545	-	70	21
	420F	-	-	150	46
	301	1.431	-	125	38
Nickel Alloys	Monel® K-500	2.4375	-	70	21
	Duranickel®301	-	-	55	16
	A286, Incoloy® 825	1.4980	SUH 660	80	24
Iron Based Super Alloys	Incoloy® 600	-	-	55	16
	Pyromet®X-15	-	-	70	21
	Inconel® 600, Inconel® 718, Nimonic®90	2.4816, 2.4668	NCF-600	60	18
Nickel Based Alloys	NI-SPAN-C®902, RENE 41®	2.4973	-	60	18
	Inconel® 625	2.4831	-	80	24
	Hastalloy B, Waspalloy	2.4800, 2.4654	Ni-Mo28	55	16
	Nimonic®75, RENE 88	2.4951	-	50	16
Titanium Alloys	CP Titanium	3.7025	-	85	25
	Ti-6Al-4V	3.7615	-	65	20
Cast Irons	A536 (60-40-18)	0.7040	FCD 40	225	68
	A536 (120-90-02)	0.7080	-	110	34
	A48 (Class 20)	0.6010	FC 10	160	49
	A48 (Class 40)	0.6025	FC 25	115	35
	A48 (Class 60)	0.6040	-	95	28

# BI-METAL TOOTH SELECTION

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

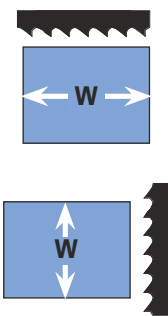
## Square/Rectangle Solid



Locate width of cut (W)

INCHES	TPI	MM
.1	14/18	
.2	10/14	5
.3	8/12	10
.4	6/10	15
.5		20
.6	6/8 5/8	25
.7		30
.8		35
.9		40
1		45
	4/6	50
2		55
	3/4	60
5		65
	2/3	70
10		75
	1.5/2.0	80
	1.4/2.0	85
15		90
	1.0/1.3	95
20		100
25		105
30		110
35		115
40	.7/1.0	120
45		125
50		130

Width of cut (W)



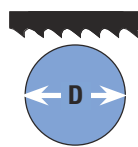
## Round Solid



Locate diameter (D)

INCHES	TPI	MM
.1	14/18	
.2		5
.3	10/14	10
.4	8/12	15
.5	6/10	20
.6	6/8 5/8	25
.7		30
.8		35
.9		40
1		45
	4/6	50
2		55
	3/4	60
3		65
4		70
5		75
	2/3	80
10		85
	1.5/2.0	90
	1.4/2.0	95
15		100
	1.0/1.3	105
20		110
25		115
30		120
35		125
40	.7/1.0	130
45		135
50		140

Diameter (D)



## Tubing/Pipe/Structurals

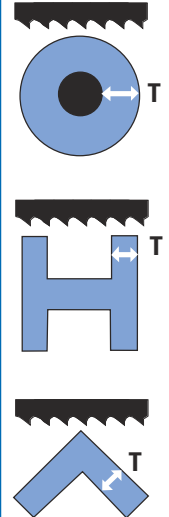


Locate wall thickness (T)

INCHES	TPI	MM
.05	14/18	1
.10	10/14	2
.15	8/12	3
.20	6/10	4
.25	6/8 5/8	5
.30		6
.35		7
.40	4/6	8
.45		9
.50		10
.60		15
.70	3/4	20
.80		25
.90		30
1		35
1.5	2/3	40
2		50

TPI

Wall thickness (T)







BAND SAW BLADES



## THE LENOX® ADVANTAGE™

Materials: LENOX® uses the finest quality raw materials available.

Process: LENOX® has always been and continues to be the industry leader in heat treatment. This process is the main ingredient in our high quality carbon band saw blades.

## CARBON BAND SAW BLADES

### NEO-TYPE®

## Hard Back Carbon Steel Blade



### Specifications

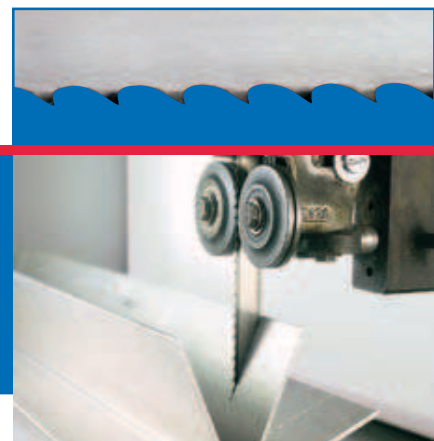
Tooth Form Set Pattern		Standard Raker Set					Wavy	Hook Raker Set			Applications
Width x Thickness		TPI					TPI	TPI			
Inches	MM	6	8	10	14	18	24	3	4	6	
1/4 x .025	6.4 x 0.64			◆	◆	◆	◆		◆	◆	Ferrous metals, Utility cutting of mild steels. For use on small cut-off saws & hand-fed applications
3/8 x .025	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	◆	◆	◆	◆				◆		

### THE LENOX® ADVANTAGE™

- **Hardened back blades**
- **Great for cutting mild steels**  
At slower speeds, due to a blade design that features both hardened teeth and a hardened back.

## FLEX BACK

## Versatile Carbon Steel Blade



### Specifications

Tooth Form Set Pattern		Standard Raker Set			Hook Raker Set				Alternate		Skip Raker Set			
Width x Thickness		TPI			TPI				TPI		TPI			
Inches	MM	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	25.4 x 0.90								◆		◆	◆		

### THE LENOX® ADVANTAGE™

- **Versatile performance**  
Our hardened tooth tip/flexible back heat treating enables these blades to cut a variety of materials well at fairly high band speeds.
- **Applications**  
Hand-fed applications on vertical saws, non-ferrous metals, abrasive materials, wood cutting applications.

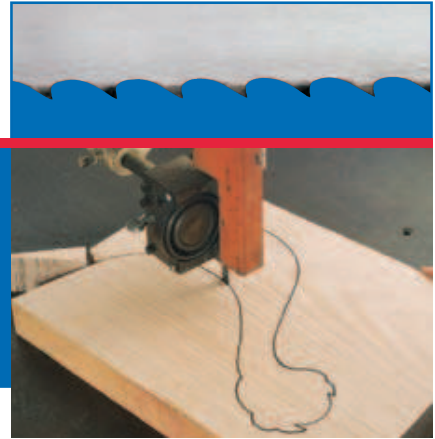
## CARBON BAND SAW BLADES

### #32 WOOD

## Specialized Wood Applications

### Specifications

Tooth Form Set Pattern		Hook					
Width x Thickness		Raker Set TPI			Alternate TPI		
Inches	MM	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	◆	◆	◆		◆	



### THE LENOX® ADVANTAGE™

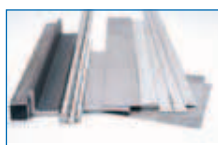
- #32 WOOD (.032) for contour cutting

### FRICITION BAND

## Increased Frictional Heat for Ferrous Metals

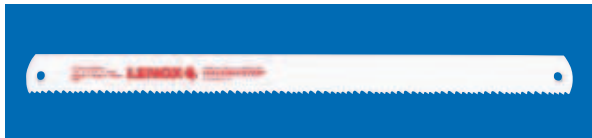
### Specifications

Tooth Form Set Pattern		Standard LENOX® Set	Applications
Width x Thickness		TPI	
Inches	MM	10	
1 x .035	25.4 x 0.90	◆	Gates & risers, Weldments, Odd shapes, Sheet metal



### THE LENOX® ADVANTAGE™

- **Increased frictional heat**  
Can be operated up to 20,000 feet per minute (6,100 meters per minute).  
For cutting ferrous metals up to 3/4" (18mm) thick.



## Bi-metal Power Hacks for Long Life in Metal Cutting

### Specifications

Product Number	Length x Width x Thickness Inches	MM	TPI	Product Number	Length x Width x Thickness Inches	MM	TPI
22106-250HV	12 x 1 x .050	300 x 27 x 1.30	6/10	22160-884HV	18 x 1-3/4 x .088	457 x 48 x 2.25	3/4
22010-250H	12 x 1 x .050	300 x 27 x 1.30	10	22060-884H	18 x 1-3/4 x .088	457 x 48 x 2.25	4
22011-254H	12 x 1 x .050	300 x 27 x 1.30	14	22061-886H	18 x 1-3/4 x .088	457 x 48 x 2.25	6
22114-450HV	14 x 1 x .050	355 x 27 x 1.30	6/10	22064-976H	19 x 1-1/2 x .075	483 x 41 x 1.90	6
22017-450H	14 x 1 x .050	355 x 27 x 1.30	10	22162-184HV	21 x 1-3/4 x .088	533 x 48 x 2.25	3/4
22018-454H	14 x 1 x .050	355 x 27 x 1.30	14	22069-184H	21 x 1-3/4 x .088	533 x 48 x 2.25	4
22155-466HV	14 x 1-1/4 x .062	355 x 34 x 1.60	4/6	22070-186H	21 x 1-3/4 x .088	533 x 48 x 2.25	6
22022-466H	14 x 1-1/4 x .062	355 x 34 x 1.60	6	22163-404HV	24 x 2 x .100	610 x 54 x 2.50	3/4
22123-460HV	14 x 1-1/4 x .062	355 x 34 x 1.60	6/10	22081-404H	24 x 2 x .100	610 x 54 x 2.50	4
22023-460H	14 x 1-1/4 x .062	355 x 34 x 1.60	10	22164-406HV	24 x 2 x .100	610 x 54 x 2.50	4/6
22026-474H	14 x 1-1/2 x .075	355 x 41 x 1.90	4	22086-004H	30 x 2-1/2 x .100	762 x 65 x 2.50	4
22156-476HV	14 x 1-1/2 x .075	355 x 41 x 1.90	4/6	22557-35066KV	13.78 x 1-3/8 x .062	350 x 35 x 1.60	4/6
22027-476H	14 x 1-1/2 x .075	355 x 41 x 1.90	6	22523-35060KV	13.78 x 1-3/8 x .062	350 x 35 x 1.60	6/10
22043-750H	17 x 1 x .050	432 x 27 x 1.30	10	22540-40068KV	15.75 x 1-3/8 x .062	400 x 35 x 1.60	5/8
22044-754H	17 x 1 x .050	432 x 27 x 1.30	14	22541-40060KV	15.75 x 1-3/8 x .062	400 x 35 x 1.60	6/10
22046-766H	17 x 1-1/4 x .062	432 x 34 x 1.60	6	22558-40076KV	15.75 x 1-5/8 x .075	400 x 41 x 1.90	4/6
22147-760HV	17 x 1-1/4 x .062	432 x 34 x 1.60	6/10	22551-45060KV	17.72 x 1-3/8 x .062	450 x 35 x 1.60	6/10
22047-760H	17 x 1-1/4 x .062	432 x 34 x 1.60	10	22560-45074KV	17.72 x 1-5/8 x .075	450 x 41 x 1.90	3/4
22157-866HV	18 x 1-1/4 x .062	457 x 34 x 1.60	4/6	22561-45076KV	17.72 x 1-5/8 x .075	450 x 41 x 1.90	4/6
22050-866H	18 x 1-1/4 x .062	457 x 34 x 1.60	6	22562-50076KV	19.69 x 1-5/8 x .075	500 x 41 x 1.90	4/6
22151-860HV	18 x 1-1/4 x .062	457 x 34 x 1.60	6/10	22563-55084KV	21.65 x 1-7/8 x .088	550 x 48 x 2.25	3/4
22051-860H	18 x 1-1/4 x .062	457 x 34 x 1.60	10	22564-57504KV	22.64 x 2-1/8 x .100	575 x 54 x 2.50	3/4
22158-874HV	18 x 1-1/2 x .075	457 x 41 x 1.90	3/4	22565-60004KV	23.62 x 2-1/8 x .100	600 x 54 x 2.50	3/4
22054-874H	18 x 1-1/2 x .075	457 x 41 x 1.90	4	22566-65006KV	25.59 x 2-1/8 x .100	650 x 54 x 2.50	4/6
22159-876HV	18 x 1-1/2 x .075	457 x 41 x 1.90	4/6	22567-70004KV	27.56 x 2-1/8 x .100	700 x 54 x 2.50	3/4
22055-876H	18 x 1-1/2 x .075	457 x 41 x 1.90	6	22568-70006KV	27.56 x 2-1/8 x .100	700 x 54 x 2.50	4/6

HV = HACKMASTER® VARI-TOOTH® KV = Kasto Type VARI-TOOTH® H = HACKMASTER®



# SAWING FLUIDS



## THE LENOX® ADVANTAGE™

- Safe to use
- Biodegradable
- Synthetic based
- Greatly improves tool life
- Reduces machine wear
- See page 61 for more LENOX® fluids

## ANTI-SPATTER

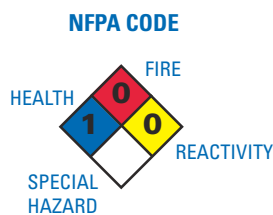
### Spatter Just Wipes Away!



### Specifications

Product Number	Item
69040	14 ounce / 397 grams compressed air can (packed 12 cans per case). No split cases.
69041	32 ounce / 946 ml trigger spray bottle (packed 12 bottles per case). No split cases.
69039	1 gallon / 3.8 liter container (packed 4 containers per case). No split cases.
69038	5 gallon / 18.9 liter container.
69037	55 gallon / 208.2 liter drum.

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



Material Safety Data Sheets available upon request.

## THE LENOX® ADVANTAGE™

- **NON-Toxic, NON-Explosive, NON-Combustible**
- **No silicone or chlorine**
- **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**

**BAND-ADE®**

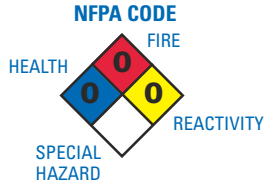
**Semi-Synthetic Sawing Fluid**

**Specifications**

Product Number	Item
68004	1 gallon / 3.8 liter container (packed 4 containers per case). No split cases.
68005	2-1/2 gallon / 9.5 liter container (packed 2 containers per case). No split cases.
68003	5 gallon / 18.9 liter container.
68001	55 gallon / 208.2 liter drum.
68007	275 gallon / 1,040.9 liter tote.

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

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



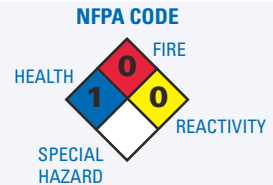
**THE LENOX® ADVANTAGE™**

- Reduces machine wear and improves band saw blade tool life
- Surfaces can be welded or painted over
- Gentle to operators' hands; does not remove oil from skin
- Does not contain chlorine, sulfur, silicone, petroleum oils or sulfonates
- Biodegradable

**LENOX® Machine Cleaner** prepares your sump for the use of LENOX® Sawing Fluids.  
 68006 1 gallon / 3.8 liter container (packed 4 containers per case). No split cases.

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

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



**SAW MASTER™**

**Synthetic Sawing Fluid**

**Specifications**

Product Number	Item
68064	1 gallon / 3.8 liter container (packed 4 containers per case). No split cases.
68061	5 gallon / 18.9 liter container.
68062	55 gallon / 208.2 liter drum.
68063	275 gallon / 1,040.9 liter tote.

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

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



**THE LENOX® ADVANTAGE™**

- Lubricates and cools for extended tool life
- Rejects most tramp oils—hydraulic and oils from materials
- Safe to use; non-irritating to the operator
- Low to non-foaming
- Longest sump life; excellent anti-microbial package prevents rancidity
- Can be used in most hard water applications

**LENOX® LUBE®**

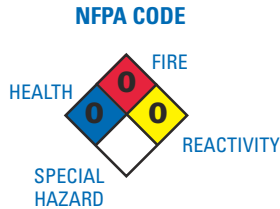
**Synthetic Lubricant for Spray Applications**

**Specifications**

Product Number	Item
68014	1 gallon / 3.8 liter containers (packed 4 containers per case). No split cases.
68018	5 gallon / 18.9 liter container.
68017	55 gallon / 208.2 liter drum.
68016	275 gallon / 1,040.9 liter tote.

For industrial use only.  
Use this product as it comes from the container—do not mix with water.

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



**THE LENOX® ADVANTAGE™**

- **LENOX® LUBE® is specially formulated for use with the MICRONIZER® or MICRONIZER®, JR.**  
A small amount of this clean, synthetic, water based lubricant aids in tooth penetration and reduces frictional heat. The result is longer blade life, while maintaining a clean working environment and reducing coolant disposal costs.
- **Use when sawing ferrous metals:** Carbon and alloy steels, tool steels, and stainless steels.
- **Compatible with BAND-ADE® Sawing Fluid**
- **Can be welded and painted over**

**C/AI LUBE**

**For Non-Ferrous Spray Applications**

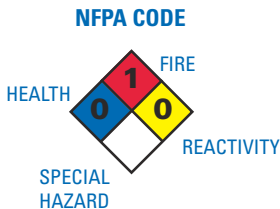


**Specifications**

Product Number	Item
68024	1 gallon / 3.8 liter containers (packed 4 containers per case). No split cases.
68026	5 gallon / 18.9 liter container.
68025	55 gallon / 208.2 liter drum.
68028	275 gallon / 1,040.9 liter tote.

For industrial use only.  
Use this product as it comes from the container—do not mix with water.

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



**THE LENOX® ADVANTAGE™**

- **C/AI LUBE is specially formulated for use with the MICRONIZER® or MICRONIZER®, JR.**  
This clean, synthetic oil lubricant, formulated for sawing non-ferrous metals, improves cutting performance and helps to prevent material chips from welding to teeth. The result is improved surface finish and extended saw blade life.
- **For sawing non-ferrous metals, especially aluminum and copper alloys**
- **Insoluble in water**

## LUBE TUBE

# Manually Applied Lubricant Stick



### Specifications

**Product**

**Number**   **Item**

68020   14.5 ounce / 411.1 gram container (packed 12 tubes per case). No split cases.

**HMIS/WHMIS**

HEALTH INDEX – 0  
 FLAMMABILITY – 0  
 REACTIVITY – 0  
 PERSONAL PROTECTION – A

**NFPA CODE**



Material Safety Data Sheets available upon request.

### THE LENOX® ADVANTAGE™

- **Extreme pressure lubricant to prevent the build-up of frictional heat on metal surfaces**
- **Designed to be applied to band saw blades and other cutting tools**  
Improves overall tool life and productivity.
- **Improves tool life**  
When sawing, drilling, milling, grinding, threading or tapping.
- **Can be used on ferrous and non-ferrous metals, aluminum gates and risers, plates and extrusions**
- **Biodegradable, non-toxic and non-staining**

## MICRONIZER® AND MICRONIZER®, JR.

### Spray Applicators

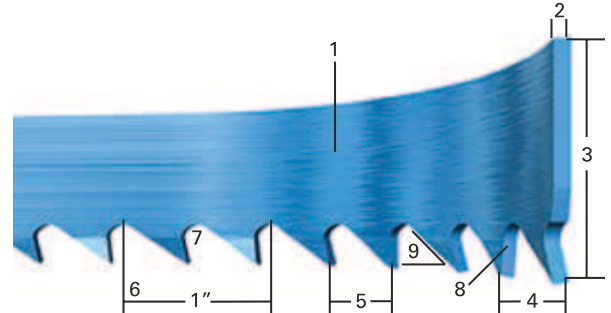
Precise fluid pump and air pressure controls ensure the correct amount of lubricant is applied to the blade. A variety of nozzles are available. The *MICRONIZER*® is recommended for production sawing operations and for larger band saw machines using 1-1/4" (34mm) and wider blades. The *MICRONIZER*®, JR. is recommended for 1" (25mm) blades and under, using non-automatic saws, for metalworking applications. For more information, contact your LENOX® Representative.



# BLADE TERMINOLOGY

- 1. Blade Back**—The body of the blade not including tooth portion.
- 2. Thickness**—The dimension from side to side on the blade.
- 3. Width**—The nominal dimension of a saw blade as measured from the tip of the tooth to the back of the band.
- 4. Set**—The bending of teeth to right or left to allow clearance of the back of the blade through the cut.  
**Kerf**—Amount of material removed by the cut of the blade.
- 5. Tooth Pitch**—The distance from the tip of one tooth to the tip of the next tooth.
- 6. TPI**—The number of teeth per inch as measured from gullet to gullet.
- 7. Gullet**—The curved area at the base of the tooth. The tooth tip to the bottom of the gullet is the gullet depth.

- 8. Tooth Face**—The surface of the tooth on which the chip is formed.
- 9. Tooth Rake Angle**—The angle of the tooth face measured with respect to a line perpendicular to the cutting direction of the saw.



# TOOTH FORMS & TOOTH SET



### VARIABLE

- Standard tooth forms
- Variable tooth spacing
- Varying gullet depth



### VARIABLE POSITIVE

- Smooth cutting
- Reduces noise
- Cuts efficiently
- Enhances blade life



### SKIP

- Wide gullets
- Evenly spaced teeth
- Good cutting performance on non-metallic applications (wood, plastic, cork and composition material)



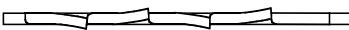
### STANDARD

- Deep gullets
- Evenly spaced teeth
- General purpose design for wide range of applications



### HOOK

- Wide gullets
- Evenly spaced teeth
- Positive rake angle
- Good cutting performance on metals which form discontinuous chips (cast iron) and non-metallic applications (wood, plastic, cork and composition material)



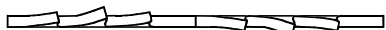
### LENOX® SET

- Five tooth or seven tooth sequence—right, left, right, left, straight
- Uniform set angle



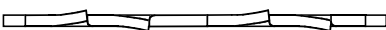
### VARI-RAKER

- Multi-tooth sequence depending on tooth pitch
- Varying set angles
- 14/18 *VARI-TOOTH*® has random wavy set



### WAVY

- Groups of teeth set to each side
- Teeth have varying amounts of sets in a controlled pattern



### RAKER

- Three tooth sequence—left, right, straight
- Uniform set angle



### ALTERNATE

- Every tooth set in an alternating sequence
- Wood cutting applications

## BLADE BREAK-IN

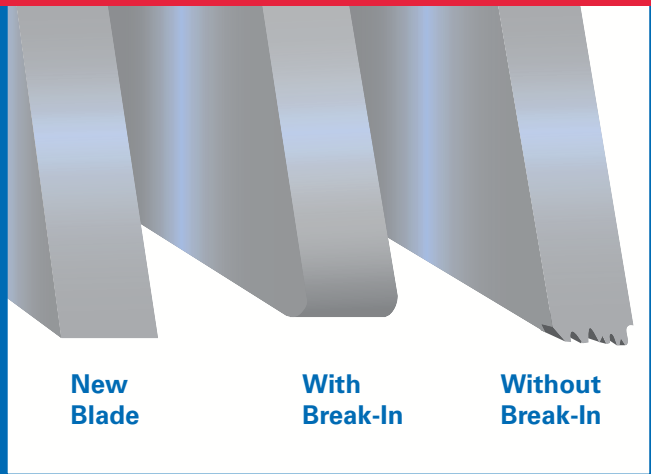
### Getting Long Life from a New Band Saw Blade

#### What is Blade Break-In?

A new band saw blade has razor sharp tooth tips as a result of the forming of the teeth. In order to withstand the cutting pressures used in band sawing, the tooth tip should be honed to form a micro-fine radius. Cutting with high pressure without performing this honing will cause microscopic damage to the tips of the teeth, resulting in loss of blade life.

#### Why Break-In a Band Saw Blade?

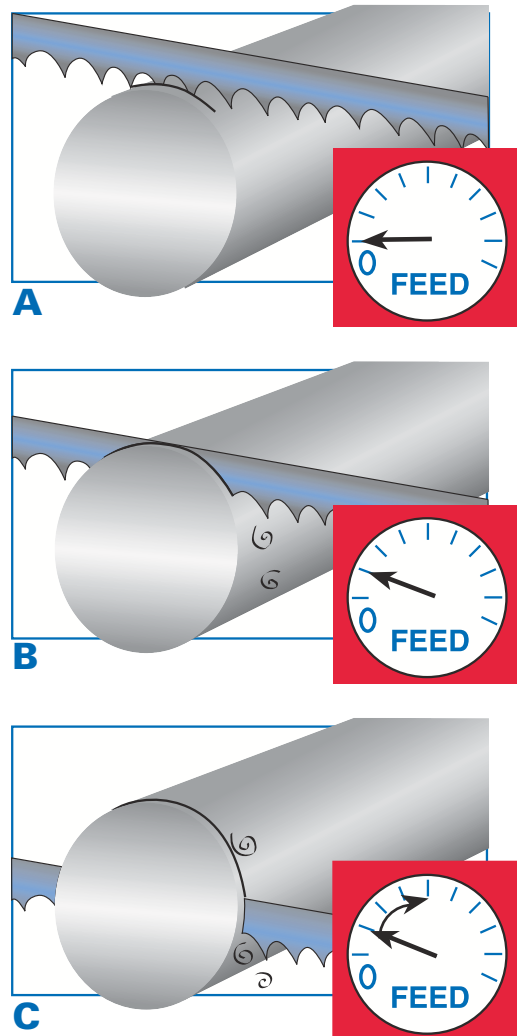
Completing a proper break-in on a new band saw blade will dramatically increase its blade life.



### How To Break In a Blade

1. Use the appropriate band speed for the material to be cut (see bi-metal band speed chart on pages 20 and 21).
2. Reduce the feed rate/force control on the saw to achieve a cutting rate approximately 20% to 50% of the normal cutting rate. Mild steels require a larger reduction in cutting rate than more difficult to machine materials.
3. Begin the first cut at the reduced rate (A), making sure that the teeth are forming a chip. Once the blade fully enters the workpiece, the feed rate can be slightly increased (B).
4. Make gradual increases in feed rate/force over several cuts until the normal cutting rate is established (cutting a total of 60 to 118 inches<sup>2</sup> / 150 to 300 cm<sup>2</sup>) (C).

**Note:** During break-in, slight adjustments to band speed may be made in the event of excessive noise or vibration. Once the blade is broken in, the recommended band speed should be used.



# POSSIBLE CAUSES OF BLADE FAILURE

Observation	Band Speed	Band Wheels	Break-In Proced.	Chip Brush	Sawing Fluid	Feeding Rate	Side Guides	Backup Guides	Preload Condition	Band Tension	Band Tracking	Tooth Pitch
#1 Heavy even wear on tips and corners of teeth	•		•		•	•						
#2 Wear on both sides of teeth							•	•				
#3 Wear on one side of teeth		•					•					
#4 Chipped or broken teeth			•			•						•
#5 Discolored tips of teeth due to excessive frictional heat	•				•	•						
#6 Tooth strippage	•		•	•	•	•						•
#7 Chips welded to tooth tips	•			•	•	•						
#8 Gullets loading up with material				•	•	•						•
#9 Heavy wear on both sides of band					•		•					
#10 Uneven wear or scoring on sides of the band							•					
#11 Body breakage or cracks from gullets							•		•	•		
#12 Body breakage—fracture traveling in angular direction							•		•			
#13 Body breakage or cracks from back edge						•		•	•	•	•	
#14 Heavy wear and/or swaging on back edge						•		•	•		•	
#15 Butt weld breakage						•	•	•	•	•	•	
#16 Used band is “long” on the tooth edge		•				•	•		•		•	
#17 Used band is “short” on the tooth edge		•				•	•					
#18 Band is twisted into figure “8” configuration		•				•	•	•	•	•	•	
#19 Broken band shows a twist in band length		•				•	•	•	•	•	•	
#20 Heavy wear in only the smallest gullets	•					•						•



## Introducing *TEAM HACKMAN*<sup>®</sup> — Demonstrating the Performance of LENOX<sup>®</sup> Blades

Can your blades cut a bus? An armored car? An airplane? Ours can. We've cut through those and more—in decades of live, performance proving *HACKMAN*<sup>®</sup> demonstrations. Now we've expanded our demonstration program. *TEAM HACKMAN*<sup>®</sup> members are cutting cars in half at LENOX<sup>®</sup> distributor and retailer locations all around the country—and at other venues, including top NEXTEL Cup Series races. They demonstrate the performance of a wide range of LENOX<sup>®</sup> products as well as cutting techniques.



Seeing is believing, and there's no better demonstration of LENOX<sup>®</sup> cutting performance than using LENOX<sup>®</sup> blades, tools and accessories for yourself. Try them—and you'll never go back.

### General Safety Tips

LENOX<sup>®</sup> 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 safe measures to avoid any type of injury:

1. Wear eye protection and other appropriate safety equipment when using tools.
2. When cutting through walls, be sure you're clear of cutting 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. Tools can injure—handle with care.
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.

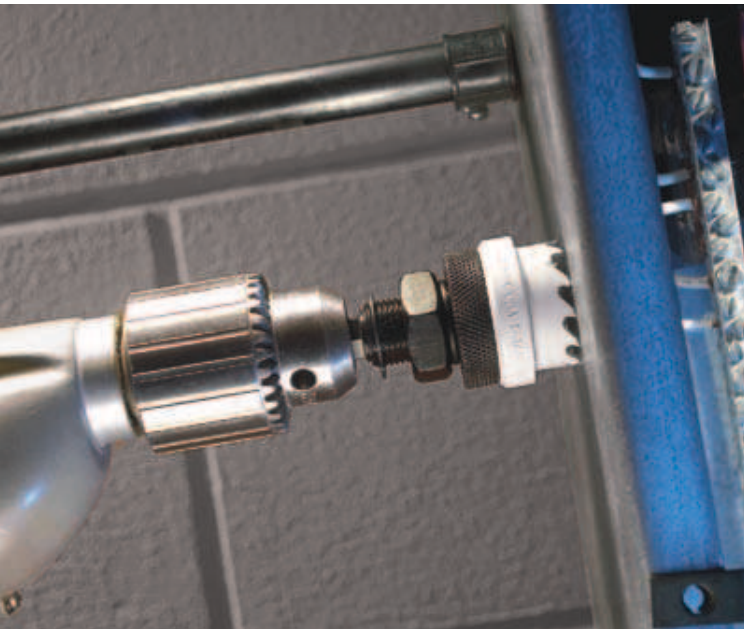
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# POWER TOOL ACCESSORIES

RECIPROCATING SAW BLADES • JIG SAW BLADES • HOLE SAWS • HOLE CUTTERS AND DRILLING PRODUCTS





POWER TOOL ACCESSORIES

## RECIPROCATING SAW BLADES



**THE LENOX® ADVANTAGE™**

LENOX® has a blade for every job, from standard bi-metal blades for wood cutting, to carbide tipped blades for cutting fiberglass.

## RECIPROCATING BLADES

### LAZER™ BLADES

## Best for Heavy Metal Cutting

### Blade Specifications

TPI	Length (Inches)	Product Number 5/pack	Product Number 25/pack	Width (Inches)	Thickness (Inches)	Applications
8	6	20192-6108R	20196-B6108R	1	.042	Angle iron, Thick steel sections pipe > 3/16" dia.
8	9	20193-9108R	20195-B9108R	1	.042	Angle iron, Thick steel sections pipe > 3/16" dia.
8	12	20194-12108R	20197-B12108R	1	.042	Angle iron, Thick steel sections pipe > 3/16" dia.
10	6	20170-6110R	20171-B6110R	1	.042	Rebar, Steel rod, Black pipe 3/16"– 1/2"
10	9	20176-9110R	20177-B9110R	1	.042	Rebar, Steel rod, Black pipe 3/16"– 1/2"
10	12	20182-12110R	20183-B12110R	1	.042	Rebar, Steel rod, Black pipe 3/16"– 1/2"
14	6	20172-6114R	20173-B6114R	1	.042	Steel rod, Black pipe 3/32"– 3/8"
14	9	20178-9114R	20179-B9114R	1	.042	Steel rod, Black pipe 3/32"– 3/8"
14	12	20184-12114R	20185-B12114R	1	.042	Steel rod, Black pipe 3/32"– 3/8"
18	6	20174-6118R	20175-B6118R	1	.042	Copper pipe & black pipe 1/16"– 1/4"
18	9	20180-9118R	20181-B9118R	1	.042	Copper pipe & black pipe 1/16"– 1/4"
18	12	20190-12118R	20191-B12118R	1	.042	Copper pipe & black pipe 1/16"– 1/4"



### THE LENOX® ADVANTAGE™

- **Longer lasting**  
Lasts 45% longer than the leading competitor's blade.
- **Greater strength and durability**  
Unique blade geometry reinforces traditional weak areas, creating stronger and more durable blades.
- **Shatter resistant**  
Bi-metal blades bend and resist breaking and extend blade life.
- **Optimized performance**  
Thicker (.042) and wider (1") blades minimize whipping for straighter and smoother cuts.

## DEMOLITION BLADES

## Best for Nail-Embedded Wood and Demolition

### Blade Specifications

TPI	Length (Inches)	Product Number 2/pack	Product Number 5/pack	Product Number 25/pack	Width (Inches)	Thickness (Inches)	Applications
6	6	20512-6066R	20370-6066R5	20514-B6066R	7/8	.062	Demolition work in nail-embedded wood
6	9	20598-966R	20371-966R5	20523-B966R	7/8	.062	Demolition work in nail-embedded wood
6	12	20500-106R	20373-106R5	20485-B106R	7/8	.062	Demolition work in nail-embedded wood
10	9	20597-960R	20372-960R5	20524-B960R	7/8	.062	Demolition work in wood & metal. Fire & rescue
10/14	6	20592-650R	20374-650R5	20515-B650R	3/4	.050	Demolition work in wood & metal. Fire & rescue

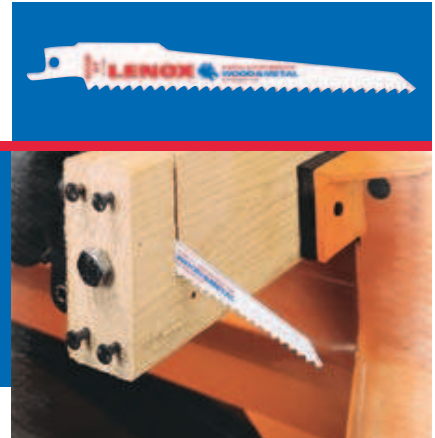


### THE LENOX® ADVANTAGE™

- **Extreme versatility**  
Designed to cut easily through the toughest materials. Cuts dimensional lumber, angle iron, fasteners and metal pipe—simultaneously.
- **Optimized performance**  
Thicker (.062) and wider (7/8") blades minimize whipping for straighter and smoother cuts.
- **Shatter resistant**  
Bi-metal blades bend and resist breaking and extend blade life.

# BI-METAL RECIP BLADES

Cuts Stronger, Faster and Lasts Longer



## THE LENOX® ADVANTAGE™

- Shatter resistant**  
 Bi-metal blades bend and resist breaking and extend blade life.
- Designed to attack**  
 Unique blade geometry positions the blade for optimum cutting performance.
- Long lasting**  
 TUFFTOOTH™ design is reinforced to cut stronger and last longer.



## Blade Specifications

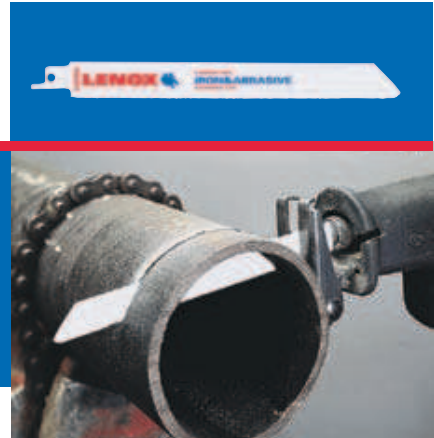
TPI	Length (Inches)	Product Number 5/pack	Product Number 25/pack	Product Number 1/pack	Width (Inches)	Thickness (Inches)	Applications
4	6	20575-634R	—	20574-S634R	3/4	.050	Extra fast cutting in thick, nail-free wood
6	4	20449-456RP	—	20501-S456RP	3/4	.050	For plaster, plaster board & lath. Bi-directional cutting
6	6	20570-636RP	20497-B636RP	20571-S636RP	3/4	.050	
6	6	20560-606R	20492-B606R	20559-S606R	3/4	.035	Fast cutting for wood, composition materials, plastics & non-ferrous metal
6	6	20556-676RC	—	20557-S676RC	7/16	.050	Contour cutting in all woods, nail-embedded wood & composition materials
6	6	20572-656R	20530-B656R	20573-S656R	3/4	.050	Fast cutting. Roughing-in work & nail-embedded wood
6	9	20582-956R	20558-B956R	20587-S956R	3/4	.050	
6	12	20585-156R	20495-B156R	20586-S156R	3/4	.050	
10	6	20562-610R	20493-B610R	20561-S610R	3/4	.035	Nail-embedded wood, Composition materials & plastics. Pipe, Carbon steel, Stainless steel: 1/8"–1/4"; Non-ferrous metal: 1/8"–1/2" thick
10	8	20580-810R	20590-B810R	20581-S810R	3/4	.050	
10/14	8	20577-850R	20535-B850R	20588-S850R	3/4	.050	Wood, Nail-embedded wood, Pipe, Carbon steel, Stainless steel: 1/8"–1/4"; Non-ferrous metal: 1/8"–1/2" thick, Demolition work, Fire & rescue
10/14	12	20583-110R	20491-B110R	20584-S110R	3/4	.050	
14	3-5/8	20520-314RC	—	20519-S314RC	5/16	.035	Contour cutting in wood < 3/4" thick & in metal 3/32"–5/16" thick.
14	4	20550-414R	20488-B414R	20551-S414R	3/4	.035	Pipe, Structural steel, Stainless steel: 3/32"–1/4"; Non-ferrous metal: 3/32"–3/8"
14	6	20564-614R	20494-B614R	20565-S614R	3/4	.035	
14	8	21519-814R	—	—	3/4	.035	
18	3-5/8	20521-318RC	—	20522-S318RC	5/16	.035	Contour cutting in metal: 1/16"–1/8"
18	4	20552-418R	20489-B418R	20553-S418R	3/4	.035	Structural steel, Pipe, Conduit, Stainless steel: 1/16"–3/16" thick, Non-ferrous metal: 1/16"–5/16"
18	6	20566-618R	20529-B618R	20567-S618R	3/4	.035	
18	8	20578-818R	20487-B818R	20563-S818R	3/4	.035	
18	12	21510-118R	21511-B118R	—	3/4	.035	
24	4	20554-424R	20490-B424R	20555-S424R	3/4	.035	All metals less than 1/8" thick, Tubing, Conduit, Trim
24	6	20568-624R	20496-B624R	20569-S624R	3/4	.035	
24	8	20579-824R	—	—	3/4	.035	



## RECIPROCATING BLADES

### MASTER-GRIT™ RECIP BLADES

#### Best for Cutting Abrasives



#### Blade Specifications (2 per pack)

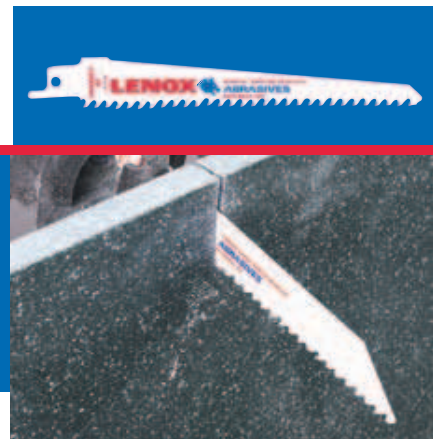
Length (Inches)	Product Number	Width (Inches)	Thickness (Inches)	Grit	Applications
6	20505-600RG	3/4	.032	Medium	Cast iron, Fiberglass,
8	20576-800RG	3/4	.040	Medium	Ceramic wall tile, Clay, Pipe,
10	20506-100RG	3/4	.050	Medium	Stone, Brick, Plaster, Marble.

#### THE LENOX® ADVANTAGE™

- **Smooth cutting**  
MASTER-GRIT™ does not snag or chip, providing smooth cuts.
- **Long lasting**  
Super hard (RA 90-93) cutting edge cuts through even the toughest materials.
- **Abrasive cutting**  
Cuts through cast iron, fiberglass, ceramic tile, clay, pipe, stone, brick, plaster and marble.

### CARBIDE TIPPED RECIP BLADES

#### Designed to Cut the Toughest Materials



#### Blade Specifications (1 per pack)

TPI	Length (Inches)	Product Number	Width (Inches)	Thickness (Inches)	Type	Applications
3	8	20599-8535RCT	3/4	.050	Straight Back	Hardiplank®, Fiberglass,
6	6	20596-6565RCT	3/4	.050	Straight Cutting	Cement board, Backer board, Particle board,
6	6	20595-6563RCT	3/4	.050	Contour Back	Plywood, Pressure treated wood, Abrasive plastics, Rubber, Cast aluminum, Composite, GasBrick, All hardwoods.

#### THE LENOX® ADVANTAGE™

- **Fast cutting**  
LENOX® triple chip tooth grind cuts 25% faster than standard carbide blades.
- **Extreme performance**  
Designed to cut through Hardiplank®, fiberglass, cement board, rubber and other difficult to cut materials.

## RECIP BLADE KITS

Provides a Convenient Storage Solution for Common Blades



**24 Piece, Metal and Wood Cutting with Demolition Blades**

**Product No. 20433-24RKG**

Five each of reciprocating blades 656R, 610R, 614R, 618R. Two each 6114R, 6066R. Plastic case.



**16 Piece, 6 Inch Blade Assortment with LAZER™**

**Product No. 20436-16RKG**

Four each of reciprocating blades 810R, 818R, 956R. Two each 960R, 9114R. Plastic case.



**16 Piece, 8 and 9 Inch Blade Assortment**

**Product No. 20434-16RKG**

Four each of reciprocating blades 610R, 614R, 618R, 656R. Plastic case.



**5 Piece, 4 and 6 Inch Blade Assortment**

**Product No. 20502-546A**

One each of reciprocating blades 414R, 418R, 614R, 618R, 656R. Vinyl pouch.



**14 Piece, Metal Cutting Blade Assortment**

**Product No. 20435-14RKM**

Three each of reciprocating blades 614R, 618R, 624R, 818R. Two 9114R. Plastic case..





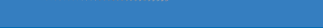


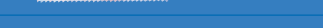



























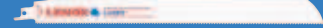







**14 Piece, Wood Cutting Blade Assortment**

**Product No. 20440-14RKW**

Three each of reciprocating blades 634R, 656R, 810R, 956R. Two 966R. Plastic case.

# RECIPROCATING BLADES CROSS REFERENCE CHART

Length		Product						
TPI	(Inches)	Number	Shape	Milwaukee®	Starrett®	DeWALT®	Morse®	Bosch®
<b>STANDARD BI-METAL RECIPS</b>								
4	6	634R			BT63-2, BT63-5, BT63-50	DW4801	RC603P, RC603B	
6	4	456RP		48-01-5052, 48-02-5052, 48-00-5052, 48-01-6052, 48-01-1052, 48-02-1052, 48-00-1052	VB66-2, VB66-5	DW4815	RB606PB, RB606PP, RB606PC	
6	6	636RP						
6	6	656R		48-01-5031, 48-02-5031, 48-00-5031, 48-01-6031, 48-01-5035, 48-02-5035, 48-00-5035, 48-01-6035, 48-00-5015, 48-01-3031, 48-02-3031, 48-00-3031, 48-01-3035, 48-02-3035, 48-00-3035, 48-01-1012, 48-02-1012, 48-00-1031	BT66-2 BT66-5 BT66-50	DW 4847 DW4848B DW4802 DW4802B DW4876	RB63506B, RB53606P, RC606STB, RC606B, RC606P, RB65006B, RB65006P, RB65006C, RC606STP	S611DF S644D S611VF S644DF
6	6	676RC		48-00-1041, 48-01-5041, 48-02-5041, 48-00-5041, 48-01-6041, 48-01-3041, 48-02-3041, 48-00-5018, 48-00-3041		DW4816	RB65006CB, RB65006CP, RB65006CC	S711DF S444D S744DF
6	6	606R		48-00-5012, 48-01-5012, 48-01-6012	B66-2, B66-5, B66-50, B6610-2, B6610-5, B6610-50	DW4850	RB606STP, RB606STC, RB606STB, RC606STP, RC606STB	S811DF S811D S828D
6	9	956R		48-01-5036, 48-02-5036, 48-00-5036, 48-01-6036, 48-00-5016, 48-00-3036, 48-01-3036, 48-00-1033, 48-02-3036	BT96-2, BT96-5, BT96-50, BT96-2, BT86-5, BT-50	DW4848 DW4803 DW4803B	RB95006B, RB93506B, RC905B, RB95006P, RB93506P, RC905P, RB95006C, RC905B, RC906P	S1544DF S1511DF
6	12	156R		48-01-5037, 48-02-5037, 48-00-5037, 48-01-6037, 48-00-5017, 48-01-3037, 48-02-3037, 48-00-3037, 48-00-1032, 48-00-1302	BT126-2, BT126-5, BT126-50, B12610-2, B12610-5, B12610-50	DW4849 DW4804 DW4804B	RB125006B, RC1206B, RB125006P, RC1206P, RB125006C, RB123506B, RB123506P	S1344D S1411DF S1344DF
10	6	610R		48-01-5092, 48-02-5092, 48-00-5092, 48-01-6092, 48-01-3092, 48-02-3092, 48-00-1064	B610-2, B610-5, B610-50, B6812-2, B6812-5, B6812-50	DW4845 DW4806 DW4806B DW4877	RB610B, RB610P, RB610C, RB61014B, RB61014P, RC610B, RC610P	S811HF S811H S922VF
10	8	810R		48-01-5093, 48-02-5093, 48-00-5093, 48-01-6093, 48-01-5193, 48-00-5193, 48-01-6193, 48-01-3093, 48-02-3093, 48-00-2175, 48-00-5713, 48-00-8713	B81014-2, B81014-5, B81014-50	DW4865 DW4865B	RB8501014B, RB8501014P, RB8501014C, RB810B, RB810P, RB81014B, RB81014P, RB81014C	S1018H S1122HF
10/14	6	650R						
10/14	8	850R		48-01-5193	B81014-2	DW4865	RB81014C	S922VF
10/14	12	110R		48-01-5094, 48-02-5094, 48-00-5094, 48-01-6094, 48-01-5194, 48-00-5194, 48-01-6194, 48-01-3094, 48-02-3094	B121014-2, B121014-5, B121014-50, B1210-2, B1210-5, B1210-50	DW4838	RB12501014B, RB12501014P, RB12501014C, RB121014B, RB121014P, RB1214B, RB1214P	S1211H S1222VF
14	3-5/8	314RC		48-01-5162, 48-02-5162, 48-00-5162, 48-01-1162, 48-00-1162, 48-02-1162, 48-00-1011		DW4814		S418BF
14	4	414R		48-01-5181, 48-00-5181, 48-01-6181, 48-00-1172, 48-01-1181, 48-00-1181, 48-02-1181	B414-2, B414-5, B414-50, B41014-2, B41014-5, B41014-50	DW4807 DW4807B	RB41014P, RB414B, RB41014B, RB414P, RB414C, RH414B, RH414P	S518B S522AF S522BF
14	6	614R		48-01-5182, 48-02-5182, 48-00-5182, 48-01-6182, 48-01-5282, 48-00-5282, 48-01-6282, 48-01-1182, 48-02-1182, 48-00-1179, 48-00-1182	B614-2, B614-5, B614-50, B61014-2, B61014-5, G61014-50	DW4808 DW4808B	RB614B, RB614P, RB614C, RH614B, RH614P	S918BF S918B S922BF
14	8	814R						
18	3-5/8	318RC		48-01-5163, 48-00-5163, 48-01-1163, 48-02-1163, 48-00-1102	SB418-2, SB418-50, SB418-5	DW4815	RB318SR, RB318SP, RB318SC, RH318SB, RH318SP	S418EF
18	4	418R		48-01-5183, 48-00-5183, 48-01-6183, 48-01-1183, 48-02-1183, 48-00-1174, 48-00-1183	B418-2, B418-5, B418-50	DW4810	RB418B, RB418P, RB418C, RH418B, RH418P	S518E S522EF
18	6	618R		48-01-5184, 48-02-5184, 48-00-5184, 48-01-6184, 48-01-5284, 48-00-5284, 48-01-6284, 48-01-1184, 48-02-1184, 48-00-2170, 48-00-1184	B618-2, B618-5, B618-50	DW4811 DW4811B DW4878	RB618B, RB618C, RH618B, RH618P, RB618P	S918EF S918E S922EF
18	8	818R		48-01-5188, 48-02-5188, 48-00-5188, 48-01-6188, 48-00-5788, 48-00-8788	B818-2, B818-5, B818-50	DW4921	RB818B, RB818P, RB814B, RB814P, RB814C	S1122EF
18	12	118R		48-01-5189			RB1218P	
24	4	424R		48-01-5185, 48-00-5185, 48-01-6185, 48-01-1185, 48-02-1185, 48-00-1176, 48-00-1185	B424-2, B424-5, B424-50	DW4812	RB424B, RB424HP, RB424C, RH424B, RH424P	S518EF S518G
24	6	624R		48-01-5186, 48-02-5186, 48-00-5186, 48-01-6186, 48-01-5286, 48-00-5286, 48-01-6286, 48-01-1186, 48-02-1186, 48-00-2171	B624-2, B624-5, B624-50	DW4813	RB624B, RB624P, RB624C, RH624B, RH624P	S918A S922AF
24	8	824R						S1122AF
<b>LAZER™ RECIPS</b>								
8	6	6108R		48-00-5700, 48-00-8700		DW4864	RBMC642 10T05, RBMC642 10T25	
8	9	9108R		48-00-5705, 48-00-8705		DW4865	RBMC950 10T05, RBMC 950 10T25	
8	12	12108R		48-00-5710, 48-00-8710				
10	6	6110R		48-00-5712, 48-00-8712		DW4866	RBMC642 14T05, RBMC642 14T25	
10	9	9110R		48-00-5713, 48-00-8713		DW4868	RBMC 950 14T05, RBMC 950 14T25	
10	12	12110R					RBMC 1250 10T05, RBMC 1250 10T25	
14	6	6114R		48-00-5782, 48-00-8782		DW4867	RBMC642 18T05, RBMC642 18T25	
14	9	9114R		48-00-5787, 48-00-8787		DW4869	RBMC 950 18T05, RBMC 950 18T25	
14	12	12114R					RBMC 1250 14T05, RBMC 1250 14T25	
18	6	6118R		48-00-5784, 48-00-8784	BT8610			
18	9	9118R		48-00-5788, 48-00-8788				
18	12	12118R		48-00-5789, 48-00-8789			RBMC 1250 18T05, RBMC 1250 18T25	
<b>DEMOLITION RECIPS</b>								
6	6	6066R		48-00-5021, 48-00-8021		DW4862		
6	9	966R		48-00-5026, 48-00-8026		DW4863		
6	12	106R		48-00-5027, 48-00-8027		DW4860		
10	9	960R				DW4865		



POWER TOOL ACCESSORIES

# JIG SAW BLADES



## THE LENOX® ADVANTAGE™

- Ideal for woodworking  
Designed for optimal performance in wood cutting, including hardwoods.



# Jig Saw Blade Specifications

## THE LENOX® ADVANTAGE™

- **Greater precision**  
Super sharp to cut fast without deflection.
- **Smoother finish**  
Ground to precision sharpness for straighter cuts and a smoother finish.
- **Ideal for woodworking**  
Designed for optimal performance in wood cutting, including hardwoods.

### T SHANK JIG SAW BLADES

TPI	Length (Inches)	Type	Process	Product Number 2/Pack	Product Number 5/Pack	Product Number 25/Pack	Applications	Shape	Bosch®
6	4	HCS	Milled & Set	20750-CTS406S	20298-CFS406S	20293-BCS406S	Fast, rough wood cutting		T144D
6	4	HCS	Fleam & Taper Ground	20751-CT456S	20297-CF456S	20292-BC456S	Very fast, clean wood cutting		T101D
10	4	HCS	Fleam & Taper Ground	20752-CT450S	20296-CF450S	20291-BC450S	Clean smooth wood cutting		T101B
10D	4	HCS	Fleam & Taper Ground	20753-CT450SR	20295-CF450SR	20290-BC450SR	Down cutting, no top splinters		T101BR
14	3-5/8	BIM	Milled & Set	20301-BT314S	20832-F314S	20815-B314S	Thick metal cutting (>3/32")		T101A/T101AF
18	3-5/8	BIM	Milled & Set	20302-BT318S	20834-F318S	20816-B318S	Medium metal cutting (1/16" to 1/4")		T118EF
18	5-1/4	BIM	Milled & Set	20308-BT518S	20854-F518S		Medium metal cutting (1/16" to 1/4")		
20	3-5/8	HCS	Fleam & Taper Ground	20754-CT320SC	20299-CF320SC	20294-BC320SC	Scroll cutting in wood & laminates		T101AO
24	3-5/8	BIM	Milled & Set	20303-BT324S	20835-F324S	20817-B324S	Thin metal cutting (<1/8")		T118A/T118AF
32	3-5/8	BIM	Milled & Set	20803-BT332S	20828-F332S		Very thin metal cutting (<1/16")		
Grit	3		Grit	20300-GT300S	20830-F300SG		Ceramic & tile cutting		T130RF3

### U SHANK JIG SAW BLADES

6	4	HCS	Milled & Set	20755-CTS406J	20772-CFS406J	20793-BCS406J	Fast, rough wood cutting		U111D
6	4	HCS	Fleam & Taper Ground	20756-CT456J	20773-CF456J	20794-BC456J	Very fast, clean wood cutting		U101D
10	4	HCS	Fleam & Taper Ground	20757-CT450J	20774-CF450J	20795-BC450J	Clean smooth wood cutting		U101B
10D	4	HCS	Fleam & Taper Ground	20758-CT450JR	20798-CF450JR	20796-BC450JR	Down cutting, no top splinters		
14	3-5/8	BIM	Milled & Set	20321-BT314J	20641-F314J	20705-B314J	Thick metal cutting (>3/32")		U118B/U118BF
18	3-5/8	BIM	Milled & Set	20322-BT318J	20643-F318J	20706-B318J	Medium metal cutting (1/16" to 1/4")		U118E/U118EF
18	5-1/4	BIM	Milled & Set	20330-BT518J	20656-F518J		Medium metal cutting (1/16" to 1/4")		
20	3-5/8	HCS	Fleam & Taper Ground	20759-CT320JC	20799-CF320JC	20797-BC320JC	Scroll cutting in wood & laminates		
24	3-5/8	BIM	Milled & Set	20323-BT324J	20644-F324J	20707-B324J	Thin metal cutting (<1/8")		U118A/U118AF
32	3-5/8	BIM	Milled & Set	20609-BT332J	20771-F332J		Very thin metal cutting (<1/16")		
Grit	3		Grit	20320-GT300J	20639-F300JG		Ceramic & tile cutting		



**THE LENOX® ADVANTAGE™**

- **Greater precision**  
Super sharp to cut fast without deflection.
- **Smoother finish**  
Ground to precision sharpness for straighter cuts and a smoother 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.

# Bi-metal Jig Saw Blade Specifications

**BI-METAL T SHANK BLADES**

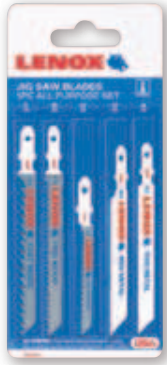
TPI	Length (Inches)	Type	Process	Product Number 2/Pack	Product Number 5/Pack	Product Number 25/Pack	Applications	Shape	Bosch®
6	4	BIM	Milled & Set	20305-BT406S	20849-F406S	20812-B406S	Fast, rough wood cutting		T144DF
6	4	BIM	Fleam & Taper Ground	20315-BT456S	20850-F456S	20781-B456S	Very fast, clean wood cutting		T101DF
6	4	BIM	Fleam & Taper Ground	20312-BT416SC	20841-F416SC		Scroll cutting in wood		
10	4	BIM	Milled & Set	20306-BT410S	20851-F410S	20813-B410S	Fast wood, nail-embedded wood cutting		T101BF
10	4	BIM	Fleam & Taper Ground	20313-BT450S	20842-F450S	20814-B450S	Clean, smooth wood cutting		T101BRF
10D	4	BIM	Fleam & Taper Ground	20314-BT450SR	20843-F450SR	20782-B450SR	Down cutting, no top splinters		T101A/T101AF
14	3-5/8	BIM	Milled & Set	20301-BT314S	20832-F314S	20815-B314S	Thick metal cutting (>3/32")		T118EF
18	3-5/8	BIM	Milled & Set	20302-BT318S	20834-F318S	20816-B318S	Medium metal cutting (1/16" to 1/4")		T101AOF
18	5-1/4	BIM	Milled & Set	20308-BT518S	20854-F518S		Medium metal cutting (1/16" to 1/4")		T118A/T118AF
20	3-5/8	BIM	Fleam & Taper Ground	20311-BT320SC	20831-F320SC	20783-B320SC	Scroll cutting in wood & laminates		T130RF3
24	3-5/8	BIM	Milled & Set	20303-BT324S	20835-F324S	20817-B324S	Thin metal cutting (<1/8")		
32	3-5/8	BIM	Milled & Set	20803-BT332S	20828-F332S		Very thin metal cutting (<1/16")		
Grit	3		Grit	20300-GT300S	20830-F300SG		Ceramic & tile cutting		

**BI-METAL U SHANK BLADES**

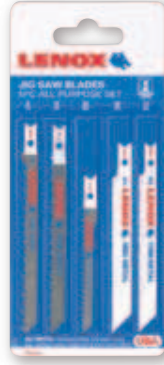
6	4	BIM	Milled & Set	20329-BT486J	20652-F486J	20700-B486J	Fast, rough wood cutting		U111DF
6	4	BIM	Fleam & Taper Ground	20337-BT456J	20653-F456J	20784-B456J	Very fast, clean wood cutting		U101DF
6	4	BIM	Fleam & Taper Ground	20334-BT416JC	20770-F416JC	20790-B416JC	Scroll cutting in wood		
10	4	BIM	Milled & Set	20328-BT480J	20654-F480J		Fast wood, nail-embedded wood cutting		U101BF
10	4	BIM	Fleam & Taper Ground	20335-BT450J	20648-F450J	20702-B450J	Clean, smooth wood cutting		U118B/U118BF
10D	4	BIM	Fleam & Taper Ground	20336-BT450JR	20649-F450JR	20791-B450JR	Down cutting, no top splinters		U118E/U118EF
14	3-5/8	BIM	Milled & Set	20321-BT314J	20641-F314J	20705-B314J	Thick metal cutting (>3/32")		U118A/U118AF
18	3-5/8	BIM	Milled & Set	20322-BT318J	20643-F318J	20706-B318J	Medium metal cutting (1/16" to 1/4")		
18	5-1/4	BIM	Milled & Set	20330-BT518J	20656-F518J		Medium metal cutting (1/16" to 1/4")		
20	3-5/8	BIM	Fleam & Taper Ground	20333-BT320JC	20640-F320JC	20792-B320JC	Scroll cutting in wood & laminates		
24	3-5/8	BIM	Milled & Set	20323-BT324J	20644-F324J	20707-B324J	Thin metal cutting (<1/8")		
32	3-5/8	BIM	Milled & Set	20609-BT332J	20771-F332J		Very thin metal cutting (<1/16")		
Grit	3		Grit	20320-GT300J	20639-F300JG		Ceramic & tile cutting		

## JIG SAW BLADES

### HIGH CARBON KITS



**5 Piece, T Shank Multi-Purpose Kit**  
**Product No. 20764 -C543SA**  
 456S, 450S, 324S, 320SC, 318S.  
 Blister Pack.



**5 Piece, U Shank Multi-Purpose Kit**  
**Product No. 20769-C543JA**  
 456J, 450J, 324J, 320JC, 318J.  
 Blister Pack.

**30 Pack, Wood Cutting Kit**  
**Product No. 20760-C30WSA**  
 C456S, C450S, CS406S.  
 Tube.

**30 Pack, Metal and Wood Cutting Kit**  
**Product No. 20761-C30WMSA**  
 C456S, C450S, CS406S, B324S, B314S. Tube.

**7 Piece, T Shank High Carbon Steel Kit**  
**Product No. 20762-C743SA**  
 C456S, C450SR, C450S, CS406S, B324S, B318S, B314S.  
 Vinyl Pouch.

**7 Piece, U Shank High Carbon Steel Kit**  
**Product No. 20763-C743JA**  
 C456J, C450JR, C450J, CS406J, B324J, B318J, B314J.  
 Vinyl Pouch.

### BI-METAL KITS

**7 Piece, T Shank Bi-metal Kit**  
**Product No. 20868-U743SA**  
 456S, 450SR, 450S, 406S, 324S, 318S, 314S. Vinyl Pouch.

**7 Piece, U Shank Bi-metal Kit**  
**Product No. 20606-U743JA**  
 456J, 450JR, 450J, 406J, 324J, 318J, 314J. Vinyl Pouch.

## AIR SAW BLADES

**Maximum Durability for Pneumatic Machine Cutting**



### Blade Specifications

TPI	Length (Inches)	Product Number 5/pack	Product Number 25/pack	Width (Inches)	Thickness (Inches)	Applications
18	4	20426-418T	20423-B418T	1/2	.025	For pneumatic machine cutting applications in the automotive repair & sheet metal industries.
24	3-5/8	20418-324T	—	1/2	.025	
24	4	20427-424T	20424-B424T	1/2	.025	For pneumatic machine cutting applications in the automotive repair & sheet metal industries.
32	3-5/8	20419-332T	—	1/2	.025	
32	4	20428-432T	20425-B432T	1/2	.025	For pneumatic machine cutting applications in the automotive repair & sheet metal industries.
40	4	20429-440T	—	1/2	.025	

### THE LENOX® ADVANTAGE™

- **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.



POWER TOOL ACCESSORIES

## HOLE SAWS



### THE LENOX® ADVANTAGE™

- **A complete line of premium hole making solutions**  
For metal, wood and abrasives.
- **Unique designs for performance and productivity**  
From the proprietary tooth design in bi-metal hole saws, to the 7L ejector arbor and the smoother cutting grit edge in our *MASTER-GRIT™* Hole Saws, performance enhancements create maximum efficiency for the user.
- **A full range of conveniently packaged kits**  
Expressly designed for plumbers, electricians, locksmiths, auto and HVAC technicians.



## BI-METAL HOLE SAWS

## Engineered for Optimum Performance in Wood and Metal



### Specifications

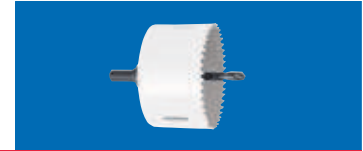
Product Number (1 per box)	Product Number (1 per pack)	Diameter (Inches)	Pipe Tap (Inches)	Pipe Entrance (Inches)	Use Arbor Number
30009-9L	–	9/16			1L, 4L or 5L
30010-10L	30110-K10L	5/8			1L, 4L or 5L
30011-11L	–	11/16			1L, 4L or 5L
30012-12L	30112-K12L	3/4	1/2	3/8	1L, 4L or 5L
30098-20MMHS	30198-K20MMHS	25/32			1L, 4L or 5L
30013-13L	–	13/16			1L, 4L or 5L
30014-14L	30114-K14L	7/8	3/4	1/2	1L, 4L or 5L
30015-15L	–	15/16			1L, 4L or 5L
30016-16L	30116-K16L	1			1L, 4L or 5L
30017-17L	30117-K17L	1-1/16			1L, 4L or 5L
30018-18L	30118-K18L	1-1/8	1	3/4	1L, 4L or 5L
30019-19L	–	1-3/16			1L, 4L or 5L
30020-20L	30120-K20L	1-1/4			2L, 3L or 6L
30021-21L	–	1-5/16			2L, 3L or 6L
30022-22L	30122-K22L	1-3/8		1	2L, 3L or 6L
30023-23L	–	1-7/16			2L, 3L or 6L
30024-24L	30124-K24L	1-1/2	1-1/4		2L, 3L, 6L or 7L
30025-25L	–	1-9/16			2L, 3L, 6L or 7L
30026-26L	30126-K26L	1-5/8			2L, 3L, 6L or 7L
30027-27L	–	1-11/16			2L, 3L, 6L or 7L
30028-28L	30128-K28L	1-3/4	1-1/2	1-1/4	2L, 3L, 6L or 7L
30029-29L	–	1-13/16			2L, 3L, 6L or 7L
30030-30L	30130-K30L	1-7/8			2L, 3L, 6L or 7L
30032-32L	30132-K32L	2		1-1/2	2L, 3L, 6L or 7L
30033-33L	–	2-1/16			2L, 3L, 6L or 7L
30034-34L	30134-K34L	2-1/8			2L, 3L, 6L or 7L
30036-36L	30136-K36L	2-1/4	2		2L, 3L, 6L or 7L
30037-37L	–	2-5/16			2L, 3L, 6L or 7L
30038-38L	30138-K38L	2-3/8			2L, 3L, 6L or 7L
30040-40L	30140-K40L	2-1/2		2	2L, 3L, 6L or 7L
30041-41L	–	2-9/16			2L, 3L, 6L or 7L
30042-42L	30142-K42L	2-5/8	2-1/2		2L, 3L, 6L or 7L
30043-43L	30143-K43L	2-11/16			2L, 3L, 6L or 7L
30044-44L	30144-K44L	2-3/4			2L, 3L, 6L or 7L
30046-46L	–	2-7/8			2L, 3L, 6L or 7L
30048-48L	30148-K48L	3		2-1/2	2L, 3L, 6L or 7L
30050-50L	30150-K50L	3-1/8			2L, 3L, 6L or 7L
30052-52L	30152-K52L	3-1/4	3		2L, 3L, 6L or 7L
30054-54L	–	3-3/8			2L, 3L, 6L or 7L
30056-56L	30156-K56L	3-1/2			2L, 3L, 6L or 7L
30058-58L	30158-K58L	3-5/8		3	2L, 3L, 6L or 7L
30060-60L	–	3-3/4	3-1/2		2L, 3L, 6L or 7L
30062-62L	–	3-7/8			2L, 3L, 6L or 7L
30064-64L	30164-K64L	4			2L, 3L, 6L or 7L
30066-66L	30166-K66L	4-1/8		3-1/2	2L, 3L, 6L or 7L
30068-68L	30168-K68L	4-1/4	4		2L, 3L, 6L or 7L
30070-70L	–	4-3/8			2L, 3L, 6L or 7L
30072-72L	30172-K72L	4-1/2	4-1/2		2L, 3L, 6L or 7L
30074-74L	–	4-5/8		4	2L, 3L, 6L or 7L
30076-76L	30176-K76L	4-3/4			2L, 3L, 6L or 7L
30080-80L	–	5			2L, 3L, 6L or 7L
30088-88L	–	5-1/2			2L, 3L, 6L or 7L
30096-96L	–	6			2L, 3L, 6L or 7L

### THE LENOX® ADVANTAGE™

- **Added durability**  
Thick backing plate resists damage and increases life.
- **Unique tooth configuration**  
Patented *VARI-TOOTH*® design optimizes cutting for fast cuts and long tool life. Patent no. 5803678.
- **Resists tooth strippage**  
Bi-metal construction creates a hardened edge to minimize tooth stripping.
- **Use standard arbor**

## HOLE SAWS

# ARBORED BI-METAL HOLE SAWS



**Conveniently Packaged as a Complete Unit.  
Includes a Hole Saw, Arbor and Pilot Drill**

### Specifications (1 per pack)

Product Number	Diameter (Inches)	Pipe Tap (Inches)	Pipe Entrance (Inches)
34009-9A	9/16		
34010-10A	5/8		
34011-11A	11/16		
34012-12A	3/4	1/2	3/8
34098-20MMA	25/32		
34013-13A	13/16		
34014-14A	7/8	3/4	1/2
34015-15A	15/16		
34016-16A	1		
34017-17A	1-1/16		
34018-18A	1-1/8	1	3/4
34019-19A	1-3/16		
34020-20A	1-1/4		
34021-21A	1-5/16		
34022-22A	1-3/8		1
34023-23A	1-7/16		
34024-24A	1-1/2	1-1/4	
34025-25A	1-9/16		
34026-26A	1-5/8		
34027-27A	1-11/16		
34028-28A	1-3/4	1-1/2	1-1/4
34029-29A	1-13/16		
34030-30A	1-7/8		
34032-32A	2		1-1/2
34033-33A	2-1/16		
34034-34A	2-1/8		
34036-36A	2-1/4	2	
34037-37A	2-5/16		
34038-38A	2-3/8		
34040-40A	2-1/2		2
34041-41A	2-9/16		
34042-42A	2-5/8	2-1/2	
34044-44A	2-3/4		
34046-46A	2-7/8		
34048-48A	3		2-1/2
34050-50A	3-1/8		
34052-52A	3-1/4	3	
34054-54A	3-3/8		
34056-56A	3-1/2		
34058-58A	3-5/8		3
34060-60A	3-3/4	3-1/2	
34062-62A	3-7/8		
34064-64A	4		
34066-66A	4-1/8		3-1/2
34068-68A	4-1/4	4	
34070-70A	4-3/8		
34072-72A	4-1/2	4-1/2	
34076-76A	4-3/4	4-1/2	4
30851-56PD	Pilot Drill		1 per pack

### Recommended Hole Saw RPM

Mild Steel	Tool & Stainless	Cast Iron	Brass	Aluminum
580	300	400	790	900
550	275	365	730	825
500	250	330	665	750
460	230	300	600	690
425	210	280	560	630
425	210	280	560	630
390	195	260	520	585
370	185	245	495	555
350	175	235	470	525
325	160	215	435	480
300	150	200	400	450
285	145	190	380	425
275	140	180	360	410
260	135	175	345	390
285	145	190	380	425
240	120	160	315	360
230	115	150	300	345
220	110	145	290	330
210	105	140	280	315
205	100	135	270	305
195	95	130	250	295
190	95	125	250	285
180	90	120	240	270
170	85	115	230	255
165	80	110	220	245
160	80	105	210	240
150	75	100	200	225
140	70	95	190	220
140	70	95	190	220
135	65	90	180	205
130	65	85	175	200
130	65	85	170	195
125	60	80	160	185
120	60	80	160	180
115	55	75	150	170
110	55	70	140	165
105	50	70	140	155
100	50	65	130	150
95	45	65	130	145
95	45	60	120	140
90	45	60	120	135
85	40	55	110	130
85	40	55	110	130
80	40	55	110	120
80	40	55	110	120
75	35	50	100	105
75	35	50	100	105
70	35	45	90	95

Suggested RPMs only.

# CARBIDE TIPPED HOLE SAWS

Designed to Cut Abrasive Materials



## Specifications (1 per box)

Product Number	Diameter (Inches)	Pipe Tap (Inches)	Pipe Entrance (Inches)	Use Arbor Number
30211-11CT	11/16			1L or 4L
30212-12CT	3/4	1/2	3/8	1L or 4L
30214-14CT	7/8	3/4	1/2	1L or 4L
30216-16CT	1			1L or 4L
30218-18CT	1-1/8	1	3/4	1L or 4L
30220-20CT	1-1/4			2L
30222-22CT	1-3/8		1	2L
30224-24CT	1-1/2	1-1/4		2L or 7L
30226-26CT	1-5/8			2L or 7L
30228-28CT	1-3/4	1-1/2	1-1/4	2L or 7L
30232-32CT	2		1-1/2	2L or 7L
30234-34CT	2-1/8			2L or 7L
30236-36CT	2-1/4	2		2L or 7L
30238-38CT	2-3/8			2L or 7L
30240-40CT	2-1/2		2	2L or 7L
30241-41CT	2-9/16			2L or 7L
30242-42CT	2-5/8	2-1/2		2L or 7L
30243-43CT	2-11/16			2L or 7L
30248-48CT	3		2-1/2	2L or 7L
30252-52CT	3-1/4	3		2L or 7L
30254-54CT	3-3/8			2L or 7L
30256-56CT	3-1/2			2L or 7L
30258-58CT	3-5/8		3	2L or 7L
30260-60CT	3-3/4	3-1/2		2L or 7L
30264-64CT	4			2L or 7L
30266-66CT	4-1/8		3-1/2	2L or 7L
30268-68CT	4-1/4	4		2L or 7L
30272-72CT	4-1/2			2L or 7L
30276-76CT	4-3/4	4-1/2	4	2L or 7L
30280-80CT	5			2L or 7L
30288-88CT	5-1/2			2L or 7L
30296-96CT	6			2L or 7L
30297-123CT	Carbide Tipped Pilot Drill			1 per pack
30298-65CTPD	Carbide Tipped Pilot Drill			1 per pack

## THE LENOX® ADVANTAGE™

- 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**
- Note:** We recommend the use of a carbide tipped pilot drill when cutting ceramic wall tile. Pilot drill 123CT fits the 1L, 2L, 4L or 7L arbors. Pilot drill 65CTPD fits the 5L and 6L arbors.

## Recommended Carbide Tipped Hole Saw RPM

Diameter (Inches)	Aluminum	Plastic	Fiberglass	Ceramic Tile	Particle Board	Cast Iron	Formica	Computer Flooring
3/4	1700	3430	250	500	3430	410	210	550
7/8	1500	2940	210	430	2940	350	180	470
1	1300	2570	190	370	2570	310	150	410
1-1/8	1100	2290	170	330	2290	270	140	370
1-3/8	900	1870	140	270	1870	220	110	300
1-1/2	900	1710	120	250	1710	210	100	270
1-3/4	700	1470	110	210	1470	180	90	240
2	600	1290	90	190	1290	150	80	210
2-1/4	600	1140	80	170	1140	140	70	180
2-1/2	500	1030	70	150	1030	120	60	160
3	400	860	60	120	860	100	50	140
3-1/4	400	790	60	110	790	90	50	130
3-5/8	400	710	50	100	710	90	40	110
3-3/4	300	690	50	100	690	80	40	110
4-1/8	300	620	50	90	620	70	40	100
4-3/4	300	540	40	80	540	60	30	90
5	200	480	40	80	500	60	30	90
5-1/2	200	420	40	70	460	50	30	80
6	100	360	30	60	420	40	30	60

Suggested RPMs only.

## HOLE SAWS

# MASTER-GRIT™ HOLE SAWS

## Best for Cutting Abrasive Materials



### Specifications (1 per box)

Product Number	Diameter (Inches)	Pipe Tap (Inches)	Pipe Entrance (Inches)	Use Arbor Number
29912-12CG	3/4	1/2	3/8	1L or 4L
29998-20MMCG	25/32			1L or 4L
29914-14CG	7/8	3/4	1/2	1L or 4L
29916-16CG	1			1L or 4L
29918-18CG	1-1/8	1	3/4	1L or 4L
29920-20CG	1-1/4			2L
29922-22CG	1-3/8		1	2L
29924-24CG	1-1/2	1-1/4		2L or 7L
29928-28CG	1-3/4	1-1/2	1-1/4	2L or 7L
29932-32CG	2		1-1/2	2L or 7L
29934-34CG	2-1/8			2L or 7L
29936-36CG	2-1/4	2		2L or 7L
29938-38CG	2-3/8			2L or 7L
29940-40CG	2-1/2		2	2L or 7L
29941-41CG	2-9/16			2L or 7L
29948-48CG	3		2-1/2	2L or 7L
29952-52CG	3-1/4	3		2L or 7L
29958-58CG	3-5/8		3	2L or 7L
29964-64CG	4			2L or 7L
29966-66CG	4-1/8		3-1/2	2L or 7L
30297-123CT	Carbide Tipped Pilot Drill			1 per pack
30298-65CTPD	Carbide Tipped Pilot Drill			1 per pack

### THE LENOX® ADVANTAGE™

- Cuts abrasive materials**  
 Super hard 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.

# MASTER-GRIT™ RECESSED LIGHTING HOLE SAWS

### Specifications (1 per box)

Product Number	Diameter (Inches)	For Fixtures
30861-438RL	4-3/8	Capri, Marco & Halo, Mini-Juno
30862-638RL	6-3/8	Capri, Halo, Pathway & Thomas
30863-658RL	6-5/8	Juno, Progress & Pathway
30864-678RL	6-7/8	Capri, Hubbell, Lightolier®, Lithonia®, Marco, Prescolite®, Progress

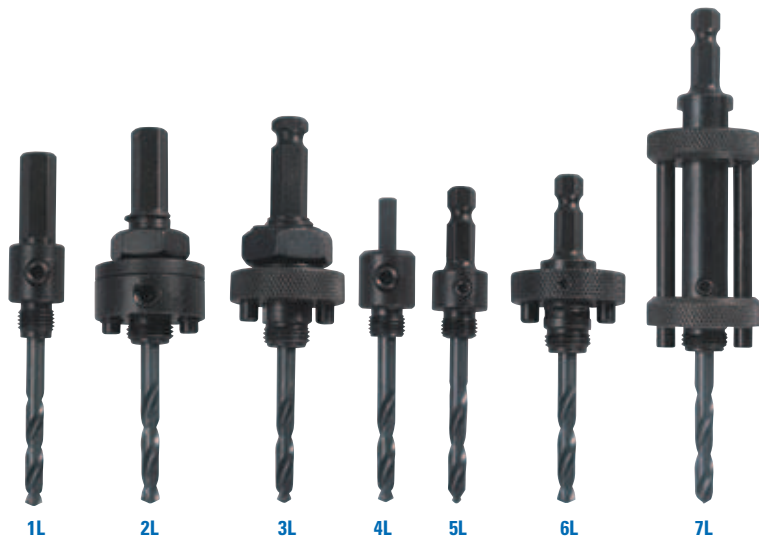
Use 123CT or 4321 Pilot Drill for Recessed Lighting Hole Saws.



## HOLE SAWS

# HOLE SAW ARBORS & ACCESSORIES

## Hole Saw Arbors & Accessories for All Your Drilling Needs



### THE LENOX® ADVANTAGE™

- **Added durability**  
Hardened carbon steel for strength through the cross-section.
- **Starts on contact**  
Split point pilot drill for faster penetration and less walking.
- **Simple plug ejection**  
7L arbor is designed with sliding pins to easily eject plugs from hole saws.
- **Easy to use**  
Power groove shank allows arbors to be used in LENOX® Uni-Drive Quick Change System. No tool changes required (3L, 5L, 6L and 7L).

### Arbors (1 per pack)

Product Number	Fits Hole Saws	Shank Type	Shank Size (Inches)
30001-1L	9L-19L	Hex	1/2 & larger
30002-2L	20L-96L	Hex	1/2 & larger
30003-3L	20L-96L	Solid/Hex	1/2 & larger
30004-4L	9L-19L	3 sided	1/4 & larger
30005-5L	9L-19L	Hex	3/8 & larger
30006-6L	20L-96L	Hex	3/8 & larger
30007-7L	24L-96L	Hex	3/8 & larger

### Accessories

Product Number	Description	Chuck Size (Inches)	Fits Arbor Number
30850-4321	Pilot Drill (1 per pack)	1/4	1L, 2L or 4L
30853-B4321	Pilot Drill (25 per pack)	1/4	1L, 2L or 4L
30851-56PD	Pilot Drill (1 per pack)	1/4	3L, 5L, 6L or 7L
30297-123CT	Carbide Tipped Pilot Drill (1 per pack)	1/4	1L, 2L, 4L or 7L
30298-65CTPD	Carbide Tipped Pilot Drill (1 per pack)	1/4	5L or 6L
30857-AA1	Arbor Adaptor (5 per pack)		1L, 4L or 5L
30848-18X	18" Extension (1 per pack)	1/2 & larger	1L, 2L or 3L
30847-12X	12" Extension (1 per pack)	1/2 & larger	1L, 2L or 3L
30843-10X*	10" Extension (1 per pack)	3/8 & larger	5L, 6L or 7L
30846-55X	5-1/2" Extension (1 per pack)	1/2 & larger	1L, 2L or 3L



\* Fits arbored hole saws

## HOLE SAWS

# HOLE SAW KITS

Provides Convenient Storage  
for Trade Specific Uses

## Bi-metal Hole Saw Kits



### 26 Piece, *BIG DADDY™* 2000 Kit

Product No. 30804-2000G

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"  
Arbors: 1L, 2L, 5L. Two 4321 and one 56PD  
pilot drills.



### 10 Piece, Plumber's Kit

Product No. 30808-600P

3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"  
Arbors: 2L, 5L. One 4321 pilot drill.  
One arbor adaptor.



### 17 Piece, Plumber's Kit

Product No. 30801-1200P

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"  
Arbors: 2L, 5L. Two 4321 and one 56PD  
pilot drills.



### 10 Piece, Electrician's Kit

Product No. 30800-600L

7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2" Arbors:  
2L, 5L. One 4321 pilot drill. One arbor adaptor.



### 17 Piece, Electrician's Kit

Product No. 30802-1200L

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"  
Arbors: 2L, 5L. Two 4321 and one 56PD  
pilot drills.



### 10 Piece, General Purpose Kit

Product No. 30807-700G

7/8", 1", 1-1/4", 1-3/8", 1-1/2", 1-3/4",  
2-1/8" Arbors: 5L, 6L.  
One 56PD pilot drill.



### 17 Piece, General Purpose Kit

Product No. 30820-1200G

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" Arbors: 1L, 2L.  
Three 4321 pilot drills.



### 9 Piece, General Purpose Kit

Product No. 30374-500G

2-1/8", 2-9/16", 3-1/4", 3-3/4", 4-3/4"  
Arbor: 2L. Three 4321 pilot drills.



### 5 Piece, General Purpose Kit

Product No. 30370-400G

2", 3", 3-3/8", 4-1/8" Arbor: 2L.



### 7 Piece, Automotive Kit

Product No. 30805-500A

3/4", 7/8", 1", 1-1/8", 1-1/4" Arbor: 5L.  
One arbor adaptor.



### 9 Piece, Refrigeration Kit

Product No. 30830-600R

5/8", 7/8", 1-1/8", 1-3/8", 1-5/8", 2-1/8"  
Arbors: 5L, 6L. One 56PD pilot drill.

## HOLE SAWS

# HOLE SAW KITS

### Arbored Hole Saw Kits

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**6 Piece, Plumber's Kit**  
Product No. 34082-600AP  
3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"



**6 Piece, Electrician's Kit**  
Product No. 34081-600AE  
7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"

### Carbide Tipped Hole Saw Kits

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**9 Piece, Plumber's Kit**  
Product No. 30294-600CTP  
3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"  
Arbors: 1L, 2L. One 123CT pilot drill.



**15 Piece, General Purpose Kit**  
Product No. 30290-1100CTG  
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"  
Arbors: 1L, 2L.  
Two 123CT pilot drills.



**9 Piece, Electrician's Kit**  
Product No. 30295-600CTL  
7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"  
Arbors: 1L, 2L. One 123CT pilot drill.

### MASTER-GRIT™ Hole Saw Kits

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**10 Piece, Plumber's Kit**  
Product No. 29984-600CGP  
3/4", 7/8", 1-1/8", 1-1/2", 2-1/8", 2-9/16"  
Arbors: 1L, 2L. One 123CT pilot drill.  
One arbor adaptor.



**11 Piece, General Purpose Kit**  
Product No. 29985-700CGK  
7/8", 1", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2-1/8"  
Arbors: 1L, 2L. One 123CT pilot drill.  
One arbor adaptor.



POWER TOOL ACCESSORIES

## HOLE CUTTERS & DRILLING PRODUCTS



### THE LENOX® ADVANTAGE™

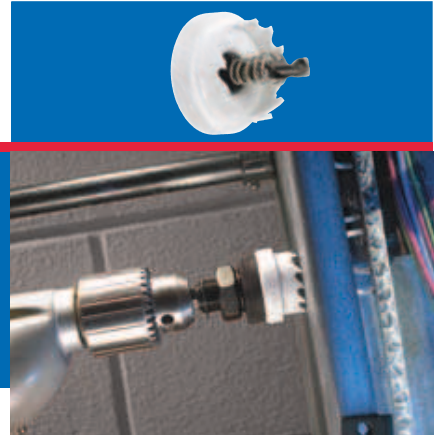
- **Innovative LENOX® design, technology and manufacturing**  
Deliver high performance solutions for a wide range of specialized cutting needs.
- **Save time with LENOX® innovations**  
Including fast cutting *ONETOOTH®* Rough Wood Hole Cutters, our Uni-Drive Quick Change System, and Carbide Hole Cutters.



## HOLE CUTTERS

# CARBIDE HOLE CUTTER

## Designed Specifically for Sheet Metal Hole Cutting



### Specifications (1 per box)

Product Number	Diameter (Inches)	Conduit Size (Inches)	Arbor
20091-11CHC	11/16		5L
20092-12CHC	3/4		5L
20093-14CHC	7/8	1/2	5L
20094-16CHC	1		5L
20095-17CHC	1-1/16		5L
20096-18CHC	1-1/8	3/4	5L
20097-19.5CHC	1-7/32		5L
20098-20CHC	1-1/4		3L
20099-21CHC	1-5/16		3L
20100-22CHC	1-3/8		3L
20101-23CHC	1-7/16		3L
20102-24CHC	1-1/2		3L
20103-28CHC	1-3/4	1-1/4	3L
20104-32CHC	2	1-1/2	3L
20105-34CHC	2-1/8		3L
20106-36CHC	2-1/4		3L
20107-38CHC	2-3/8		3L
20108-40CHC	2-1/2	2	3L
20109-42CHC	2-5/8		3L
20113-44CHC	2-3/4		3L
20114-48CHC	3		3L

Accessories	Description
30879-35PD	1/4" split point stubby pilot bit
30880-3CHC-AS	Plug ejection springs
30003-3L	1/2" arbor for 20CHC – 48CHC. Solid hex shank
30005-5L	3/8" arbor for 11CHC – 19.5CHC. Solid hex shank

### THE LENOX® ADVANTAGE™

- **Accurate, burr-free holes**  
Precision ground carbide teeth for fast cutting of clean, round holes.
- **Long tool life**  
Heat resistant carbide teeth for long life in sheet metal and stainless steel.
- **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.
- **Use standard arbor**



#### 12 Piece, Electrician Kit

**Product No. 30877-300CHC**  
7/8", 1-1/8", 1-3/8". Arbors: 3L, 5L. 1/4" split point pilot bit. Plug ejection springs. 1/8" hex wrench. Plastic case.



#### 14 Piece, Electrician Kit

**Product No. 30878-500CHC**  
7/8", 1-1/8", 1-3/8", 1-3/4", 2". Arbors: 3L, 5L. 1/4" split point pilot bit. Plug ejection springs. 1/8" hex wrench. Plastic case.

## HOLE CUTTERS

# ONE TOOTH® ROUGH WOOD HOLE CUTTER



## Drills Faster Than Self-Feed Bits



### Specifications (1 per pack)

Product Number	Cutter Size (Inches)	Cutting Depth (Inches)	Applications
25434-34HC	2-1/8	2	1-1/2" pipe & lock installation
25436-36HC	2-1/4	2	1-1/2" pipe & 45°/90° bend couplings
25441-41HC	2-9/16	2	2" pipe
25444-44HC	2-3/4	2	2" pipe & 45°/90° bend couplings
25454-54HC	3-3/8	2	3" duct pipe & bendable duct pipe
25456-56HC	3-5/8	2	3" pipe
25464-64HC	4	2	3" pipe & coupling & dryer vent
25469-69HC	4-5/16	2	4" duct pipe & bendable duct pipe
25474-74HC	4-5/8	2	4" pipe
25480-80HC	5	2	4" pipe & coupling
25487-87HC	5-1/2	2	Toilet flange
25500-00HC	6-1/4	2	6" duct pipe
25310-SB38			3/8" stubby spade bit
25312-DIAF1			Diamond file for re-sharpening

### THE LENOX® ADVANTAGE™

- **Long lasting**  
High speed steel tooth can cut over 300 holes before re-sharpening.
- **Cuts fast**  
3/8" stubby spade bit helps remove material quickly.
- **Unique cutting application**  
Provides the ability to cut at an angle.
- **Rough wood cutting**  
Cuts wet, frozen, pressure treated and hardwoods without binding.
- **Easy to use**  
Patented design allows for easy plug ejection.
- **Use standard arbor**

## ONE TOOTH® ROUGH WOOD HOLE CUTTER Kits



### 7 Piece, ONE TOOTH® Rough Wood Hole Cutter Kit

Product No. 25476-301G

One each of ONE TOOTH® HOLE CUTTERS: 2-1/8", 2-9/16", 3-5/8". Arbor: 2L. Diamond file. 3/8" stubby spade bits. Plastic case.



### 11 Piece, ONE TOOTH® Rough Wood Hole Cutter Kit

Product No. 25477-701G

One each of ONE TOOTH® HOLE CUTTERS: 2-1/8", 2-1/4", 2-9/16", 2-3/4", 3-5/8", 4", 4-5/8". Arbor: 2L. Diamond file and 3/8" stubby spade bits. Plastic case.

## DRILLING PRODUCTS

# VARI-BIT® STEP DRILL BITS

## Drills Fast, Clean, Round Holes



### LENOX® VARI-BIT® Kits



**4 Piece (1/8"–1")**  
**Product No.**  
 30926-VBK-4  
 4 sizes: VB1, VB2, VB7,  
 VB8. Instruction sheet.  
 Plastic case.



**4 Piece (1/8"–1-3/8")**  
**Product No.**  
 30929-30/929  
 4 sizes: VB1, VB3, VB8,  
 VB12. Instruction sheet.  
 Plastic case.



**4 Piece (3/16"–1-1/8")**  
**Product No.**  
 30928-VBKE  
 4 sizes: VB3, VB6, VB8,  
 VB11. Instruction sheet.  
 Plastic case.



**6 Piece (1/8"–1-1/8")**  
**Product No.**  
 30927-VBKA-6  
 6 sizes: VB1, VB2, VB6,  
 VB7, VB8, VB11.  
 Instruction sheet.  
 Plastic case.



**3 Piece (1/8"–1")**  
**Product No.**  
 30889-889  
 3 sizes: VB1, VB2, VB3.  
 Instruction sheet.  
 Plastic case.

### THE LENOX® ADVANTAGE™

- **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, ensuring longer tool life.

### Specifications (1 per pack)

U.S. PATENT NO. 4582458

Product Number	Photo	Hole Sizes (Inches)	Chuck Size (Inches)	Unibit®	Klein Unibit®
30881-VB1		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	1/4	1	1-59001
30882-VB2		1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	3/8	20	2-59002
30883-VB3		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3/8	3	3-59003
30884-VB4		3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1/4	2	5-59005
30886-VB6		3/8, 1/2	1/4	10, 12*	7-59007
30887-VB7		7/8 (for 1/2" conduit)	3/8	11	8-59008
30908-VB8		3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	3/8	4	14-590014
30909-VB9		7/8, 1-1/8, 1-7/32	3/8	11, 13, 14	59011
30888-VB11		7/8, 1-1/8 (for 1/2" and 3/4" conduit)	3/8	13**	11-590011
30912-VB12		7/8, 1-1/8, 1-7/32, 1-1/4, 1-3/8	3/8	none	none
30925-VBX8		Extension 8" Fits 3/8" drill chuck & larger. 1 per clam			

\* LENOX® VARI-BIT® #6 combines Unibit® #10 & #12.

\*\* Unibit® #13 has 1-1/8" step only. VARI-BIT® has both 7/8" & 1-1/8".

## DRILLING PRODUCTS

# LENOX® LEADER®

## Designed for Rough-In Work

### Specifications (1 per pack)

Product Number	Diameter (Inches)	Entrance for Pipe & Rigid Conduit (Inches)	Entrance for Tubing (Inches)	Quantity
33100-LL100	1	1/2	7/8	
33112-LL112	1-1/8	1/2	1	
33125-LL125	1-1/4	3/4	1-1/8	
33137-LL137	1-3/8	1	1-1/4	
33150-LL150	1-1/2		1-3/8	
33175-LL175	1-3/4	1-1/4	1-1/2	
33200-LL200	2	1-1/2	1-7/8	
33212-LL212	2-1/8		2	
33225-LL225	2-1/4		2-1/8	
33256-LL256	2-9/16	2	2-1/2	
33300-LL300	3	2-1/2	2-7/8	1 per box
33362-LL362	3-5/8	3	3-1/2	1 per box
33462-LL462	4-5/8	4	4-1/2	1 per box

#### LENOX® LEADER® ACCESSORIES

33900-12LS	LEADER® lead screws (fits LL100-LL256)	5 per pack
33901-34LS	#34 LEADER® lead screws (fits LL300-LL462)	1 per pack
33989-12SS	LEADER® set screws (fits LL100-LL256)	5 per pack
33902-34SS	#34 LEADER® set screws (fits LL300-LL462)	5 per pack
32985-HWS	Hex Wrench Set, 1/8", 5/32"	1 per pack
30846-55X	5-1/2" shank extension*	1 per pack
30847-12X	12" shank extension*	1 per pack
30848-18X	18" shank extension*	1 per pack
32510-STF	Slim taper file	1 per pack

\*All have 1/2" hex shank with 2 set screws to lock LEADER® in place.

## LENOX® LEADER® Kits



### 12 Piece, LENOX® LEADER® Bits Kit

Product No. 33400-33/400

One each of 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. Plastic case.



### 16 Piece, LENOX® LEADER® Bits Kit

Product No. 33700-33/700

One each of LENOX® LEADER® bits: 1", 1-1/8", 1-1/4", 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. Plastic case.



## THE LENOX® ADVANTAGE™

- **Fast cutting**  
Precision ground teeth and outside diameter threads maximize tool performance.
- **Increased capabilities**  
Extra long to cut through 4x4 with no extension required.
- **Re-sharpenable**  
Easily re-sharpened with LENOX® Slim Taper File (32510-STF).

## SHIP AUGER BITS

Sharp and Durable for Long Tool Life



### 16 Piece, Ship Auger and LENOX® LEADER® Kit

Product No. 31700-31700

Augers: 7/8", 1-1/8", 1-1/4". Length: 7-1/2". LEADERS® 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. Metal case.



### THE LENOX® ADVANTAGE™

- **Added durability**  
62° degree cutting angle reinforces cutting edge for greater durability to withstand the impact of encountering a nail.
- **Faster cuts**  
Secondary relief angle removes material faster.
- **Easy to back out**  
Oversized cutting head creates a hole larger than the bit for easy removal from the workpiece.
- **Longer life**  
Hardened tip increases wear resistance for extended tool life.
- **Fits UNI-DRIVE SYSTEM™**  
Power groove on shank fits LENOX® UNI-DRIVE SYSTEM™ for convenient bit changes.

### Specifications (1 per pack)

Product Number	Hole Diameter (Inches)	Overall Length (Inches)	Twist Length (Inches)
31030-07A-1016	5/8	7-1/2	5-5/16
31031-07A-1116	11/16	7-1/2	5-5/16
31032-07A-1216	3/4	7-1/2	5-5/16
31033-07A-1316	13/16	7-1/2	5-5/16
31034-07A-1416	7/8	7-1/2	5-5/16
31035-07A-1516	15/16	7-1/2	5-5/16
31036-07A-1616	1	7-1/2	5-5/16
31037-07A-1716	1-1/16	7-1/2	5-5/16
31038-07A-1816	1-1/8	7-1/2	5-5/16
31040-07A-2016	1-1/4	7-1/2	5-5/16
31042-07A-2216	1-3/8	7-1/2	5-5/16
31044-07A-2416	1-1/2	7-1/2	5-5/16

### Specifications (1 per pack)

Product Number	Hole Diameter (Inches)	Overall Length (Inches)	Twist Length (Inches)
31006-008-0616*	3/8	18	15
31007-008-0716*	7/16	18	15
31008-008-0816	1/2	18	15
31009-008-0916	9/16	18	15
31010-008-1016	5/8	18	15
31011-008-1116	11/16	18	15
31012-008-1216	3/4	18	15
31013-008-1316	13/16	18	15
31014-008-1416	7/8	18	15
31015-008-1516	15/16	18	15
31016-008-1616	1	18	15
31017-008-1716	1-1/16	18	15
31018-008-1816	1-1/8	18	15
31020-008-2016	1-1/4	18	15
31022-008-2216	1-3/8	18	15
31024-008-2416	1-1/2	18	15

\*3/8" shank

**UNI-DRIVE SYSTEM™**



**Quick Change Accessories  
Minimize Downtime**



**THE LENOX® ADVANTAGE™**

- **Easy to use**  
Auto lock-in and safety pull release for one-handed loading and unloading.
- **Easy to grip**  
Knurled collar for a no-slip grip.
- **For use with LENOX® Hole Saws, LEADER® Bits, Ship Augers, ONE TOOTH® Rough Wood Hole Cutters, VARI-BITS® and other LENOX® products**

**Specifications (5 per pack)**

Product Number	Description	Cutter Size (Inches)		Shank Size Accepted (Inches)
25300-UD14	UNI-DRIVE SYSTEM™	1/4	Quick Change Chuck	1/4
25301-UD38	UNI-DRIVE SYSTEM™	3/8	Quick Change Chuck	3/8
25302-UD716	UNI-DRIVE SYSTEM™	7/16	Quick Change Chuck	7/16

## PROTOOL LUBE®

### Extends Tool Life



### THE LENOX® ADVANTAGE™

- **A unique synthetic blend designed to increase tool life**  
When 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, too.

### Specifications

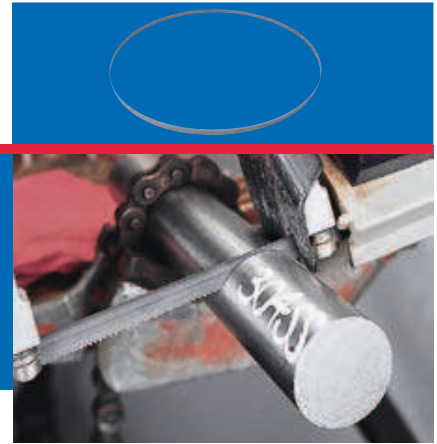
Product Number	Description
68040	6 ounce bottle <i>PROTOOL LUBE</i> ® (12 per pack)
68047	1 gallon container <i>PROTOOL LUBE</i> ®
68048	5 gallon container <i>PROTOOL LUBE</i> ®
68050	55 gallon drum <i>PROTOOL LUBE</i> ®

Use this product as it comes from the container—do not mix with water.  
Material Safety Data Sheets available upon request.

PORTABLE BAND SAW BLADES

**MASTER-BAND® BLADES**

**Maximum Performance for Portable Band Saws**



**Blade Specifications (3 per pack)**

TPI	Length (Inches)	Width (Inches)	Thickness (Inches)	Product Number	Cuts Material
10/14	44-7/8	1/2	.023	80114-38-EW-10/14	1/4" & larger
14	44-7/8	1/2	.023	80115-38-EW-14	3/16" - 3/8"
14/18	44-7/8	1/2	.023	80112-38-EW-14/18	1/8" - 5/16"
18	44-7/8	1/2	.023	80116-38-EW-18	3/32" - 1/4"
24	44-7/8	1/2	.023	80117-38-EW-24	up to 1/8"
8/12	44-7/8	1/2	.025	80143-385-EW-8/12	3/8" - 1/2"
10/14	44-7/8	1/2	.025	80144-385-EW-10/14	1/4" & larger
14	44-7/8	1/2	.025	80145-385-EW-14	3/16" - 3/8"
14/18	44-7/8	1/2	.025	80142-385-EW-14/18	1/8" - 5/16"
18	44-7/8	1/2	.025	82310-385-EW-18	3/32" - 1/4"
10/14	53-3/4	1/2	.023	80119-45-EW-10/14	1/4" & larger
14	53-3/4	1/2	.023	80120-45-EW-14	3/16" - 3/8"
14/18	53-3/4	1/2	.023	80123-45-EW-14/18	1/8" - 5/16"
18	53-3/4	1/2	.023	80121-45-EW-18	3/32" - 1/4"
24	53-3/4	1/2	.023	80122-45-EW-24	up to 1/8"
10/14	53-3/4	1/2	.025	80146-455-EW-10/14	1/4" & larger
14/18	53-3/4	1/2	.025	80147-455-EW-14/18	1/8" - 5/16"
6/10	54	1/2	.025	80148-54-EW-6/10	1/2" & larger
8/12	54	1/2	.025	80723-54-EW-8/12	3/8" - 1/2"
10/14	54	1/2	.025	80724-54-EW-10/14	1/4" & larger
14/18	54	1/2	.025	80141-54-EW-14/18	1/8" - 5/16"
18	54	1/2	.025	80150-54-EW-18	3/32" - 1/4"

**THE LENOX® ADVANTAGE™**

- **Enhanced beam strength**  
.023 thick material increases blade strength and reduces deflection and twist.
- **Shatter resistant**  
Bi-metal blades bend and resist breaking and extend blade life.
- **Longer lasting**  
LENOX® **TUFFTOOTH™** design reinforces tooth for longer blade life.



**Blade Specifications (25 per pack)**

TPI	Length (Inches)	Width (Inches)	Thickness (Inches)	Product Number	Cuts Material
10/14	44-7/8	1/2	.023	09403-B38EW-10/14	1/4" & larger
14	44-7/8	1/2	.023	09404-B38EW-14	3/16" - 3/8"
14/18	44-7/8	1/2	.023	09407-B38EW-14/18	1/8" - 5/16"
18	44-7/8	1/2	.023	09405-B38EW-18	3/32" - 1/4"
24	44-7/8	1/2	.023	09406-B38EW-24	up to 1/8"
8/12	44-7/8	1/2	.025	09398-B385EW-8/12	3/8" - 1/2"
10/14	44-7/8	1/2	.025	09399-B385EW-10/14	1/4" & larger
14	44-7/8	1/2	.025	09400-B385EW-14	3/16" - 3/8"
14/18	44-7/8	1/2	.025	09401-B385EW-14/18	1/8" - 5/16"
18	44-7/8	1/2	.025	09402-B385EW-18	3/32" - 1/4"
10/14	53-3/4	1/2	.023	09412-B45EW-10/14	1/4" & larger
14	53-3/4	1/2	.023	09413-B45EW-14	3/16" - 3/8"
14/18	53-3/4	1/2	.023	09416-B45EW-14/18	1/8" - 5/16"
18	53-3/4	1/2	.023	09414-B45EW-18	3/32" - 1/4"
24	53-3/4	1/2	.023	09415-B45EW-24	up to 1/8"



## WOLF-BAND® BLADES

Professional Performance  
and Exceptional Value



### Blade Specifications (1 per pack)

TPI	Length (Inches)	Width (Inches)	Thickness (Inches)	Product Number	Cuts Material
10/14	44-7/8	1/2	.020	38428-38PW-10/14-1	1/4" & larger
14	44-7/8	1/2	.020	38429-38PW-14-1	3/16" – 3/8"
14/18	44-7/8	1/2	.020	38430-38PW-14/18-1	1/8" – 5/16"
18	44-7/8	1/2	.020	38431-38PW-18-1	3/32" – 1/4"

### Blade Specifications (5 per pack)

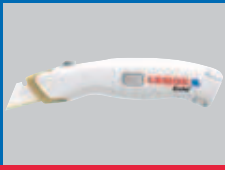
TPI	Length (Inches)	Width (Inches)	Thickness (Inches)	Product Number	Cuts Material
10/14	44-7/8	1/2	.020	80098-38PW-10/14	1/4" & larger
14	44-7/8	1/2	.020	80107-38PW-14	3/16" – 3/8"
14/18	44-7/8	1/2	.020	80099-38PW-14/18	1/8" – 5/16"
18	44-7/8	1/2	.020	80108-38PW-18	3/32" – 1/4"
24	44-7/8	1/2	.020	80109-38PW-24	up to 1/8"

### Blade Specifications (25 per pack)

TPI	Length (Inches)	Width (Inches)	Thickness (Inches)	Product Number	Cuts Material
10/14	44-7/8	1/2	.020	38423-38PW-10/14	1/4" & larger
14	44-7/8	1/2	.020	38424-38PW-14	3/16" – 3/8"
14/18	44-7/8	1/2	.020	38427-38PW-14/18	1/8" – 5/16"
18	44-7/8	1/2	.020	38425-38PW-18	3/32" – 1/4"
24	44-7/8	1/2	.020	38426-38PW-24	up to 1/8"

### THE LENOX® ADVANTAGE™

- 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.



# HAND TOOLS

UTILITY KNIVES AND BLADES • HACKSAW BLADES AND HAND SAWS • TORCHES • TUBING CUTTERS

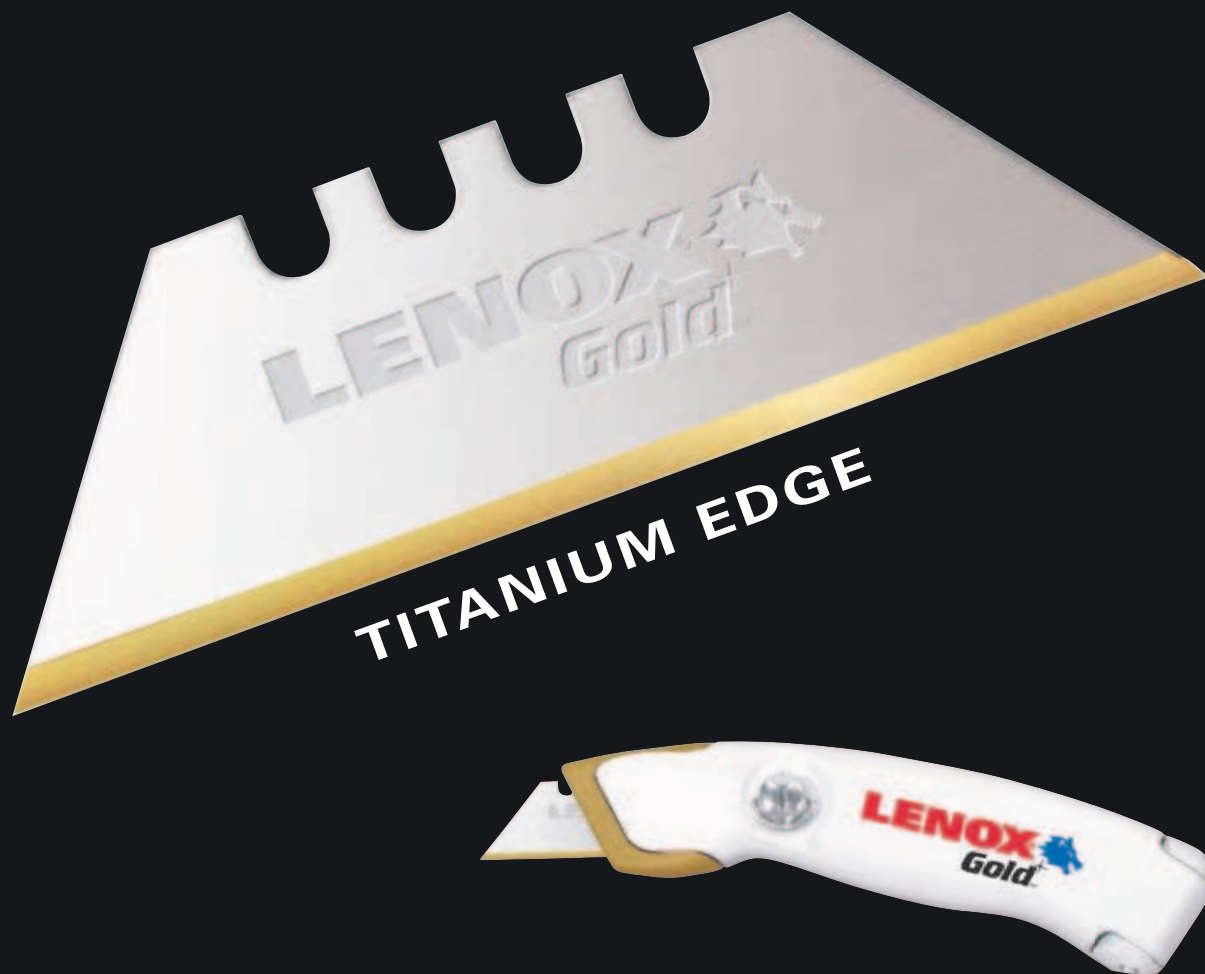




HAND TOOLS

## UTILITY KNIVES & BLADES

THE LONGEST LASTING  
UTILITY BLADE. **EVER™**.



### THE LENOX® ADVANTAGE™

- Revolutionary LENOX® products provide longer life, fewer changeouts and the lowest cost per cut
- Products and performance you won't find anywhere else  
The first bi-metal Titanium edge blades.
- Knives with extremely durable stainless steel noses



## THE LONGEST LASTING UTILITY BLADE. **EVER™**.



### LENOX® *Gold*™ Blades

#### Specifications

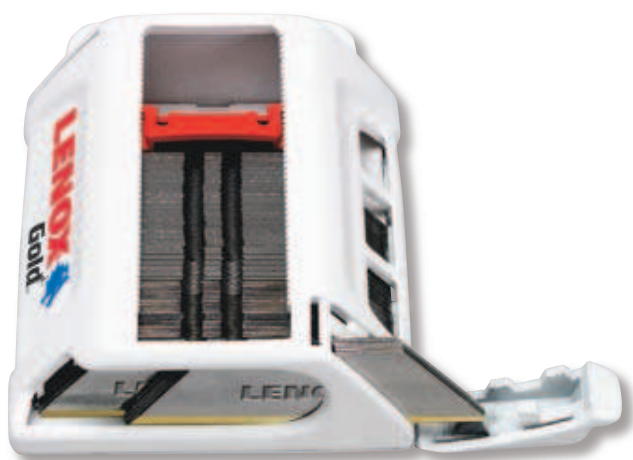
Product Number	Description
20350-GOLD5C	LENOX® <i>Gold</i> ™ Utility Knife Blade 5 pack
20351-GOLD50D	LENOX® <i>Gold</i> ™ Blade 50 pack dispenser
20352-GOLD100D	LENOX® <i>Gold</i> ™ Blade 100 pack dispenser

### THE LENOX® ADVANTAGE™ BLADES

- **Lasts longer**  
High speed steel edge with titanium coating keeps blades cutting after others have quit.
- **Shatter resistant**  
Patented bi-metal construction allows blades to bend and flex without breaking.
- **Makes deeper cuts**  
Four notch system 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**  
Dispense blades directly into LENOX® knives without touching the blade.
- **Dispenses one or five blades at a time**
- **Multi-purpose**  
Safely holds used blades.





**Durable Construction  
and Comfortable Grip for  
Extended Use**



## LENOX® Gold™ Knives Specifications

Product Number	Description
20353-SSRK1	LENOX® Gold™ Quick Change Retractable Knife
20354-SSFK1	LENOX® Gold™ Fixed Blade Knife

## THE LENOX® ADVANTAGE™

- **Extremely durable stainless steel nose**  
Resists wear. One piece Titanium coated nose eliminates spreading.
- **Longest lasting utility blades**  
Three shatter resistant titanium edge blades included.
- **Easy blade change**  
Quick blade release allows rotation or changing of blade without opening handle or using any tools (Retractable only).
- **No tool needed to open**
- **Internal blade storage**  
Retractable knife stores up to five blades.  
Fixed knife stores up to ten blades.



## EDGE™ BLADES



Cuts Up to 3 Times as Long!



### THE LENOX® ADVANTAGE™

- **Long lasting**  
High speed steel edge cuts up to three times longer than standard carbon utility blades.
- **Shatter resistant**  
Bi-metal construction allows blades to bend and flex to resist breaking.
- **Fits all standard utility knives**

## EDGE™ Knives and Blades

### Specifications

Product Number	Description
20213-EDG3C	LENOX® EDGE™ Blade 3 pack
20214-EDG5C	LENOX® EDGE™ Blade 5 pack
20222-EDG50D	LENOX® EDGE™ Blade 50 pack dispenser
20223-EDG100D	LENOX® EDGE™ Blade 100 pack dispenser



20217-2RK  
Quick Change Retractable Blade  
Utility Knife



20215-1NRK  
Quick Change Fixed Blade  
Utility Knife



20219-1RK  
Retractable Utility Knife



HAND TOOLS

## HACKSAW FRAMES AND BLADES

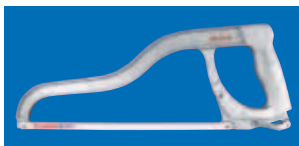


### THE LENOX® ADVANTAGE™

- **Straightest cuts**  
A complete range of high tension frames allow for fast, professional cuts.
- **Long lasting blades**  
Bi-metal construction and *TUFF TOOTH™* design make blades virtually unbreakable.
- **Versatile saws**  
Contoured designed handles fit where other handles can't.

## High Tension Hand Hacksaw Frames & Blades

### 5012 LOW PROFILE FRAME Specifications

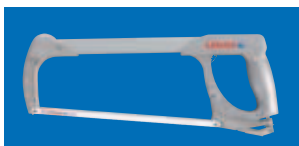


Product Number	Description
20920-5012	Low profile, high tension hand hacksaw frame

#### THE LENOX® ADVANTAGE™

- **Fits into tight spots**  
Low profile tip easily handles close-quarter cuts.
- **Fast, straight cuts**  
Tensions up to 28,000 PSI.

### 4012 HIGH TENSION FRAME Specifications

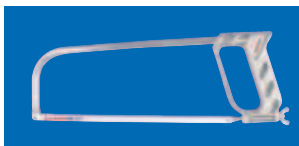


Product Number	Description
20918-4012	High tension hand hacksaw frame

#### THE LENOX® ADVANTAGE™

- **Comfortable grip**  
Ergonomic design and larger space fit gloved hands.
- **Convenient storage**  
Handle holds up to five 12" hacksaw blades for quick changeouts.
- **Multi-purpose**  
Mount at 45° for flush cutting; insert standard recip blade to use as a jab saw.
- **Fast, straight cuts**  
Tensions up to 30,000 PSI.

### 2012 LIGHTWEIGHT, ALL METAL FRAME Specifications



Product Number	Description
20919-2012	Heavy-duty aluminum handle hacksaw frame with 12" bi-metal blade

#### THE LENOX® ADVANTAGE™

- **Great value**  
Affordable frame offers highest blade tension in its class.
- **Easy adjusting**  
Uses wing nut to adjust tension quickly.

## Bi-metal Hacksaw Blades

### Blade Specifications

Product Number Bulk Packed- 100 Per Pack	Product Number 10 Per Pack	Product Number Blister Packed- 1 Per Card/ 10 Cards Per Pack	TPI	Length x Width (Inches)
20110-018HE	20140-V018HE	20150-S018HE	18	10 x 1/2
20111-024HE	20141-V024HE	20151-S024HE	24	10 x 1/2
20112-032HE	20142-V032HE	20152-S032HE	32	10 x 1/2
	20143-V214HE		14	12 x 1/2
20116-218HE	20144-V218HE	20154-S218HE	18	12 x 1/2
20117-224HE	20145-V224HE	20155-S224HE	24	12 x 1/2
20118-232HE	20146-V232HE	20156-S232HE	32	12 x 1/2

#### THE LENOX® ADVANTAGE™

- **Shatter resistant**  
Bi-metal construction allows blades to bend and flex.
- **Longer life**  
*TUFFTOOTH™* design eliminates tooth strippage.





## Heavy-Duty Hand Saws

### 975 HACKSAW Specifications



Product Number	Description	Applications
20975-975	Compact hacksaw	Cuts bolts, wire, tubing & plastic

#### THE LENOX® ADVANTAGE™

- **Rugged design**  
Heavy-duty aluminum handle.
- **Fits into tight spots**  
Allows for flush cutting applications.

### CLOSE QUARTER® SAW Specifications (Blades—10 per pack)



Product Number	Description
20908-908	CLOSE QUARTER® SAW
20906-906	Replacement blades 6" x 1/4" x .014 x 32T

#### THE LENOX® ADVANTAGE™

- **Fits into tight spots**  
Allows for cutting overhead or behind walls.

### PVC/ABS PLASTIC PIPE HAND SAW Specifications



Product Number	Description	TPI
20985-HSF12	12" blade & handle	10
20980-HSF18	18" blade & handle	10
20982-HSB12	12" replacement blade	10
20981-HSB18	18" replacement blade	10
20987-FCBA	Flush cutting blade adaptor	

#### THE LENOX® ADVANTAGE™

- **Breezes through material**  
Unique pull cutting teeth cut quickly through all plastic pipe and wood.
- **Durable blade**  
Rigid carbon blade with hardened teeth for long life.
- **Comfortable handle**  
Large opening for work gloves.

### TRI-FOLD® SAW Specifications



Product Number	Description	Applications
20992-3636	TRI-FOLD® SAW	Wood, Drywall & non-metallic
20993-3618	TRI-FOLD® SAW	Metal cutting
20997-TFHS618636	TRI-FOLD® SAW with two blades	Plaster, wood & metal cutting

#### THE LENOX® ADVANTAGE™

- **Convenient blade storage**  
Safely fold blade into handle.
- **Compact design**  
Fits easily into pocket or tool box.
- **Replaceable blades**  
Uses any standard reciprocating saw blade.
- **Rugged design**  
Heavy-duty aluminum handle has a comfortable hand grip.
- **Multi-purpose**  
Push button design locks blade into three different positions for multiple cutting applications.

### CAMOUFLAGE TRI-FOLD® SAW Specifications



Product Number	Description	Pack Size
21000-3656	Camo. TRI-FOLD®	1 per clam

#### THE LENOX® ADVANTAGE™

- **Great for hunting and fishing**  
RealTree® camouflage handle cuts through brush, branches and lines.
- **Convenient blade storage**  
Safely fold blade into handle.
- **Replaceable blade**  
Uses any standard reciprocating saw blade.



TORCHES AND ACCESSORIES

# HAND TORCHES



## THE LENOX® ADVANTAGE™

- **Maximum targeted heat output**
- **Adjustable ultra swirl flame**
- **Self-igniting**  
Trigger start.
- **Accessibility**  
360° swivel.
- **Durable housing**  
Cast aluminum body.

## Swivel Hand Torches

### Specifications

Product Number	Description
21170-LS10	360° swivel torch
21171-LS10R	360° swivel torch replacement assembly
21172-LS20	Self-igniting 360° swivel torch
21173-LS20R	Self-igniting 360° swivel torch replacement assembly



Replacement assemblies available for each model.



### THE LENOX® ADVANTAGE™

- **Greater accessibility**  
360° swivel.
- **Self-igniting**  
Trigger start.
- **Targeted/efficient heat output**  
Adjustable swirl flame.
- **Durable**  
Solid brass construction.

## Self-Igniting Hand Torches

### Specifications

Product Number	Description
21174-LT90	Self-igniting swirl flame hand torch
21175-LT90R	Self-igniting swirl flame replacement assembly
21176-LT91	Self-igniting swirl flame hand torch with adjustable flame
21177-LT91R	Self-igniting adjustable swirl replacement assembly
21178-LT92	Self-igniting ultra swirl flame hand torch with adjustable flame
21179-LT92R	Self-igniting adjustable ultra swirl replacement assembly
21183-LT60	Self-igniting heat shrink hand torch
21184-LT60R	Self-igniting heat shrink replacement assembly



Replacement assemblies available for each model.



### THE LENOX® ADVANTAGE™

- **Self-igniting**  
Trigger start.
- **Maximum target/efficient heat output**  
Adjustable ultra swirl flame.
- **Consistent performance in hot or cold weather**  
Piston regulator.
- **Durable housing**  
Cast aluminum construction.



**Hand Torch Kit Box**  
Product No. 21182-LT92KB  
Includes LT92 hand torch,  
2 MAPP® gas cylinders. Kit box  
for transporting.



**PG14 Propane**  
Product No. 21168-PG14  
14.4 oz. propane cylinder.  
CGA-600 cylinder connection.  
Non-refillable.



**MG 16 MAPP®**  
Product No. 21169-MG16  
16 oz. MAPP® gas cylinder.  
CGA-600 cylinder connection.  
Non-refillable.



HAND TOOLS

# TUBING CUTTERS



## THE LENOX® ADVANTAGE™

- **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 with only a screwdriver.
- **Convenient storage**  
Store an extra cutting wheel in the handle.
- **Additional cutting wheels also available**

# TUBING CUTTERS



Ergonomically Designed for Professional Performance



## THE LENOX® ADVANTAGE™

- **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 with only a screwdriver.
- **Convenient storage**  
Store an extra cutting wheel in the handle.

## Specifications

### TUBING CUTTERS

Product Number	Tube Diameter Range	Pack Qty.	Description
21010-TC11/8	1/8" - 1-1/8"	1	
21011-TC13/8	1/8" - 1-3/8"	1	
21012-TC13/4	1/8" - 1-3/4"	1	
21013-TC25/8	1/4" - 2-5/8"	1	

### REPLACEMENT WHEELS

2 Pack    6 Pack

21193	21015	Stainless steel cutting wheels
21191	21016	Plastic cutting wheels
21192	21017	Copper cutting wheels

### REPLACEMENT DEBURRER

21024-TCD	For 21011-TC13/8 & 21012-TC13/4 tubing cutters
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