



**PRODUCT CATALOGUE**

POWER TOOL ACCESSORIES

HAND TOOLS

BAND SAW BLADES



## 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®.

2015 marks 100 years of the LENOX® brand, we began our company in 1915, making the first LENOX® hacksaw blades with just ten employees. Now, over 100 years later, LENOX® remains dedicated to producing the highest quality, best performing cutting products. As a result, we have grown to employ more than 700 people.

Most of them work at our ISO 9001 certified facility in East Longmeadow, Massachusetts, U.S.A., where we design, test and manufacture a broad range of band saw blades of 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® Speed Slot T3 Hole saw and ARMOR™ Bandsaw blades.

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.

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

# 1915



# 1918

Band Saw production begins



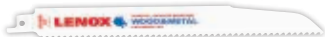
LENOX® began manufacturing Band Saw Blades at the East Longmeadow facility

# 1961



# 1959

Hole Saws added to product line



Hand Tools and Power Tool Accessories added to the product line to launch the tool division of LENOX®

# 1977



# 1977

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



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

# 1981



# 2005

ARMOR® Band Saw Blades added to the product line



**Newell Rubbermaid**  
Brands That Matter

LENOX® acquired by Newell Rubbermaid.

# 2003



# 1996

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



Speed Slot Holesaws. Bi-metal Holesaws that are long lasting, fast cutting and versatile

# 2011



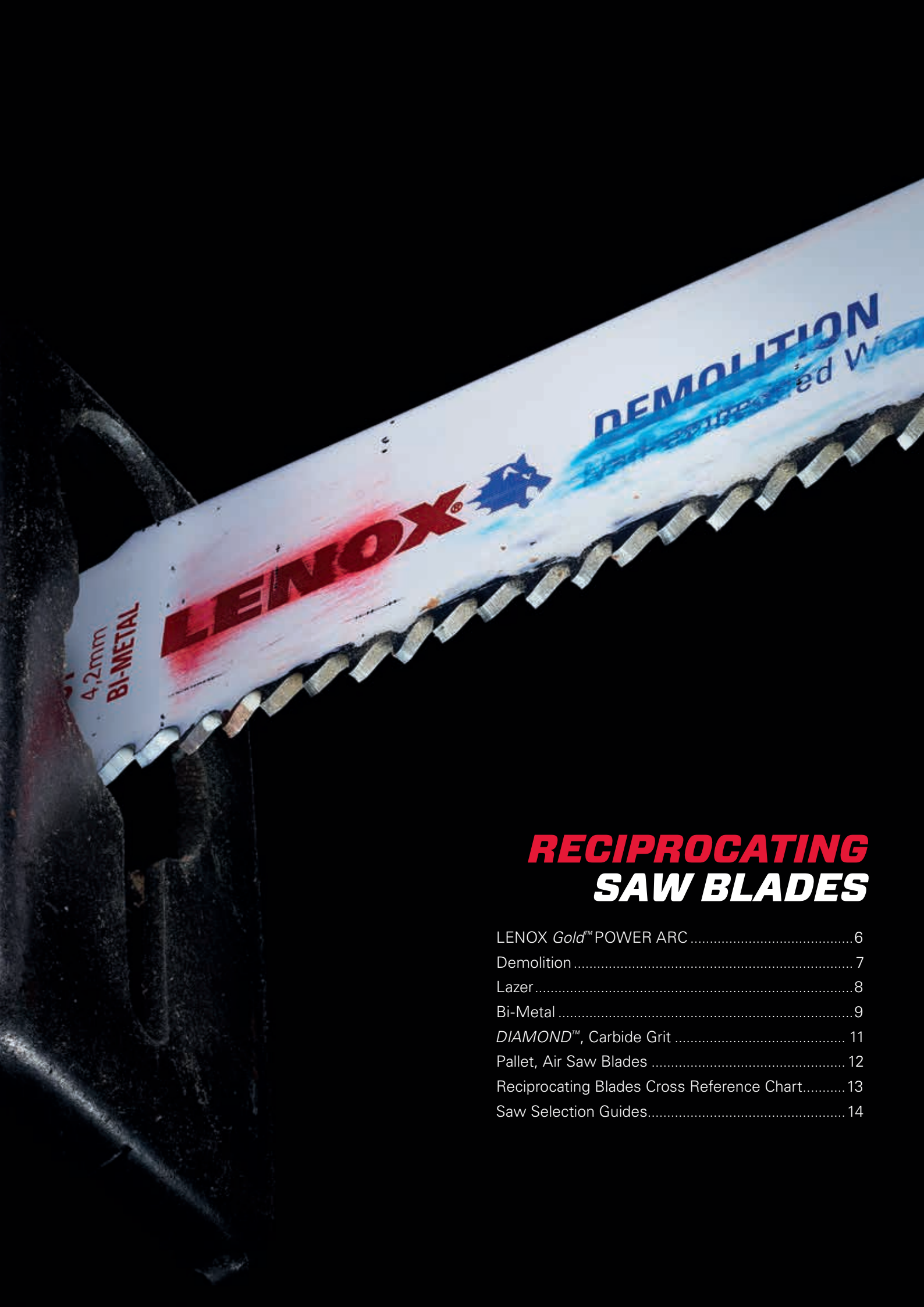
# 2015

## 100 YEAR ANNIVERSARY

# HERITAGE

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





## **RECIPROCATING SAW BLADES**






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## HISTORY OF RECIP LEADERSHIP

LENOX® has defined performance in the reciprocating saw blade category since inventing the first bi-metal reciprocating saw blade in 1977. LENOX® has used its century of cutting expertise to lead the way in recip performance and is redefining performance levels in the bi-metal reciprocating category with the introduction of *POWER BLAST TECHNOLOGY™*.

## LENOX® RECIPROCATING SAW BLADES

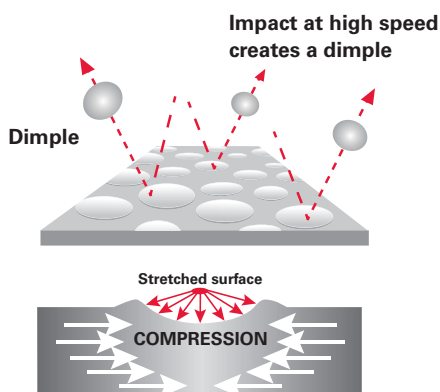
 <p><b>1977</b> Bi-Metal Reciprocating Saw Blades</p>	 <p><b>2004</b> <b>LENOX Gold</b> LONGEST LASTING. EVER.</p>	 <p><b>2008</b> <b>T2</b> Technology up to <b>2X</b> <b>LIFE™</b> vs. prior model</p>	 <p><b>2014</b> <b>POWER ARC</b> CURVED BLADE FOR UP TO <b>2X</b> <b>LIFE™</b></p>	 <p><b>2016</b> <b>LENOX</b> <b>POWER BLAST</b> Built Stronger Cuts Longer™ <b>2016</b> <b>LENOX</b> <b>DEMOLITION CT</b> up to <b>5X</b> <b>LIFE™</b></p>
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**POWER BLAST TECHNOLOGY™** Built Stronger Cuts Longer™

High speed blasting along the cutting edge strengthens the blade to reduce breaks and increase durability



## PROCESS IMPROVEMENT EFFECT ON BLADE



STANDARD



IMPROVED PROCESS

IMPROVED PROCESS



STANDARD

**POWER BLAST TECHNOLOGY™**  
Built Stronger Cuts Longer™

**BLADES ARE CLEANER (LESS BURR) AND MUCH STRONGER  
SIGNIFICANT REDUCTION IN TANG BREAKS**

## LENOX Gold® POWER ARC™ RECIPROCATING SAW BLADES

Power Arc Curved Design for Superior Performance in All Applications

### POWER ARC CURVED BLADE

Delivers up to 2X longer life vs. traditional straight LENOX® reciprocating saw blades

### AGGRESSIVE BLADE DESIGN

Optimises the blade's angle of attack for faster cutting in a variety of materials

### EXTENDED BLADE LIFE

T2™ Technology and precision applied titanium coating help dissipate heat making blades last longer

### FASTER CUTS

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



	ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*	APPLICATION
EXTREME METAL CUTTING	210926108GR	6108G 152 x 25 x 1,1mm 8TPI	82472210927	500	5	
	210969108GR	9108G 229 x 25 x 1,1mm 8TPI	82472210965	250	5	
	210936110GR	6110G 152 x 25 x 1,1mm 10TPI	82472210934	500	5	
	210979110GR	9110G 229 x 25 x 1,1mm 10TPI	82472210972	250	5	
	2110012110GR	12110G 305 x 25 x 1,1mm 10TPI	82472211009	250	5	
	210946114GR	6114G 152 x 25 x 1,1mm 14TPI	82472210941	500	5	
	210989114GR	9114G 229 x 25 x 1,1mm 14TPI	82472210989	250	5	
	2110112114GR	12114G 305 x 25 x 1,1mm 14TPI	82472211016	250	5	
	210956118GR	6118G 152 x 25 x 1,1mm 18TPI	82472210958	500	5	
	210999118GR	9118G 229 x 25 x 1,1mm 18TPI	82472210996	250	5	
2110212118GR	12118G 305 x 25 x 1,1mm 18TPI	82472211023	250	5		
DEMOLITION	210886066GR <sup>1</sup>	6066G 152 x 22 x 1,6mm 6TPI	82472210880	500	5	
	21090966GR	966G 229 x 22 x 1,6mm 6TPI	82472210903	250	5	
	21091106GR	106G 305 x 22 x 1,6mm 6TPI	82472210910	250	5	
	21089960GR	960G 229 x 22 x 1,6mm 10TPI	82472210897	250	5	
METAL	21064610GR	610G 152 x 19 x 0,9mm 10TPI	82472210644	500	5	
	21065810GR	810G 203 x 19 x 1,3mm 10TPI	82472210651	250	5	
	21066414GR <sup>1</sup>	414G 102 x 19 x 0,9mm 14TPI	82472210668	500	5	
	21067614GR	614G 152 x 19 x 0,9mm 14TPI	82472210675	500	5	
	21068418GR <sup>1</sup>	418G 102 x 19 x 0,9mm 18TPI	82472210682	500	5	
	21069618GR	618G 152 x 19 x 0,9mm 18TPI	82472210699	500	5	
	21070818GR	818G 203 x 19 x 0,9mm 18TPI	82472210705	250	5	
	21071424GR <sup>1</sup>	424G 102 x 19 x 0,9mm 24TPI	82472210712	500	5	
21072624GR	624G 152 x 19 x 0,9mm 24TPI	82472210729	500	5		
21073824GR	824G 203 x 19 x 0,9mm 24TPI	82472210736	250	5		
WOOD	21060656GR	656G 152 x 19 x 1,3mm 6TPI	82472201606	500	5	
	21062956GR	956G 229 x 19 x 1,3mm 6TPI	82472201620	250	5	
	21061156GR	156G 305 x 19 x 1,3mm 6TPI	82472201613	250	5	

<sup>1</sup> Blades do not feature Power Arc technology.

\*Items can only be ordered in multiples of the Min. Order Quantity

# NEW

## DEMOLITION CT™ RECIPROCATING SAW BLADES

**Carbide Tipped for Highest Performance  
in Nail-Embedded Wood**

### UP TO 5X LONGER LIFE THAN BI-METAL RECIPROCATING BLADES

High performance carbides are welded with the latest technology to increase durability and prevent tooth loss for longer blade life

Taller and thicker blade profile versus traditional blades, provides maximum durability in tough demolition applications

### ENGINEERED FOR FASTER PERFORMANCE

Each tooth is precision ground on multiple surfaces to cut through nails with ease



	ITEM NO.	TPI	LENGTH X WIDTH X THICKNESS		EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*	APPLICATION
			IN	MM				
DEMOLITION	1832118	6	6 x 1 x .050	152 x 22 x 1.3	885363011715	1	1	
	1832143	6	9 x 1 x .050	229 x 22 x 1.3	885363011746	1	1	
	1832146	6	12 x 1 x .050	305 x 22 x 1.3	885363011777	1	1	

# NEW

## DEMOLITION RECIPROCATING SAW BLADES

**Best Blade for Demolition Applications**

### POWER BLAST TECHNOLOGY™ INCREASES BLADE LIFE

High speed blasting along the cutting edge strengthens the blade to reduce breaks and increase durability

### MAXIMUM DURABILITY

Taller and thicker blade profile prevents bending during cutting and provides maximum control in the toughest demolition applications



	ITEM NO.	TPI	LENGTH X WIDTH X THICKNESS		EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*	APPLICATION
			IN	MM				
DEMOLITION	20598966R	6	9 x 1 x .062	229 x 22 x 1.6	82472205985	180	2	
	20500106R	6	12 x 1 x .062	305 x 22 x 1.6	82472205008	180	2	
	20523B966R	6	9 x 1 x .062	229 x 22 x 1.6	82472205237	200	25	
	20597960R	10	9 x 1 x .062	229 x 22 x 1.6	82472205978	180	2	
	20372960R5	10	9 x 1 x .062	229 x 22 x 1.6	82472203721	225	5	
	20524B960R	10	9 x 1 x .062	229 x 22 x 1.6	82472205244	200	25	



## LAZER® RECIPROCATING SAW BLADES

Best for Heavy Metal Cutting

### POWER BLAST TECHNOLOGY™ INCREASES BLADE LIFE

High speed blasting along the cutting edge strengthens the blade to reduce breaks and increase durability

### STRAIGHTER CUTS IN LARGE DIAMETER MATERIALS

Taller blade profile delivers straighter cuts and longer life in the most demanding metal cutting applications


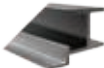



**POWER BLAST**  
TECHNOLOGY™

LONG-LASTING  
**BiMetal**  
BLADE TECHNOLOGY

**NEW**



	ITEM NO.	TPI	LENGTH X WIDTH X THICKNESS		EAN	MASTER PACK	MIN. ORDER QTY	APPLICATION
			IN	MM			BLADES/PACK*	
THICK METAL	201706110R	10	6 x 1 x .042	152 x 25 x 1.07	82472201703	375	5	Structural Steels and All Metals 5-13mm 
	201769110R	10	9 x 1 x .042	229 x 25 x 1.07	82472201765	225	5	
	2018212110R	10	12 x 1 x .042	305 x 25 x 1.07	82472201826	225	5	
THICK & MEDIUM METAL	201726114R	14	6 x 1 x .035	152 x 25 x 0.9	82472201727	375	5	Structural Steels and All Metals 2-10mm 
	201789114R	14	9 x 1 x .035	229 x 25 x 0.9	82472201789	225	5	
	2018412114R	14	12 x 1 x .042	305 x 25 x 1.07	82472201840	225	5	
	20179B9114R	14	9 x 1 x .035	229 x 25 x 0.9	82472201796	250	25	
	20185B12114R	14	12 x 1 x .042	305 x 25 x 1.07	82472201857	250	25	
MEDIUM METAL	201746118R	18	6 x 1 x .035	152 x 25 x 0.9	82472201741	375	5	Structural Steels and All Metals 2-6mm 
	201809118R	18	9 x 1 x .035	229 x 25 x 0.9	82472201802	225	5	
	2019012118R	18	12 x 1 x .042	305 x 25 x 1.07	82472201901	225	5	

# NEW

## BI-METAL RECIPROCATING SAW BLADES

### Built Stronger. Cuts Longer.

#### POWER BLAST TECHNOLOGY™ INCREASES BLADE LIFE

High speed blasting along the cutting edge strengthens the blade to reduce breaks and increase durability

#### LONGER BLADE LIFE & INCREASED VERSATILITY

Patented T2™ Technology reduces cutting forces on each tooth and optimises chip removal to allow efficient cutting in the widest range of materials.



## STANDARD BI-METAL RECIPROCATING SAW BLADES

#### T2™ TECHNOLOGY

Tooth design delivers up to 2x the life versus previous model

#### OPTIMISED BLADE GEOMETRY




Each blade has a unique configuration including an aggressive tang angle and tapered blade shape to allow for cutting in tight areas

#### ENGINEERED FOR PERFORMANCE

Special design minimises friction and heat build up while cutting through the widest variety of metal materials



	ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY	APPLICATION
					BLADES/PACK*	
WOOD CUTTING	20575634R	634R 152 x 19 x 1,3mm 4TPI	82472205756	500	5	
	20570636RP	636RP 152 x 19 x 1,3mm 6TPI, Plaster Cutting	82472205701	500	5	
	20560606R	606R 152 x 19 x 0,9mm 6TPI	82472205602	500	5	
	20556676RC	676RC 152 x 11 x 1,3mm 6TPI, Contour Cutting	82472205565	500	5	
	20572656R	656R 152 x 19 x 1,3mm 6TPI	82472205725	500	5	
	20530B656R	B656R 152 x 19 x 1,3mm 6TPI	82472205305	500	25	
	20582956R	956R 229 x 19 x 1,3mm 6TPI	82472205824	250	5	
	20558B956R	B956R 229 x 19 x 1,3mm 6TPI	82472205589	250	25	
	20585156R	156R 305 x 19 x 1,3mm 6TPI	82472205855	250	5	
GENERAL PURPOSE	20562610R	610R 152 x 19 x 0,9mm 10TPI	82472205626	500	5	
	20493B610R	B610R 152 x 19 x 0,9mm 10TPI	82472204933	500	25	
	20580810R	810R 203 x 19 x 1,3mm 10TPI	82472205800	250	5	
	20590B810R	B810R 203 x 19 x 1,3mm 10TPI	82472205909	250	25	
	1769340	635R 152 x 19 x 0,9mm 10/14TPI	885363001846	500	5	
	1769341	835R 203 x 19 x 0,9mm 10/14TPI	885363001853	250	5	
	20592650R	650R 152 x 19 x 1,3mm 10/14TPI	82472205923	240	2	
	20374650R5	650R 152 x 19 x 1,3mm 10/14TPI	82472203745	500	5	
	20577850R	850R 203 x 19 x 1,3mm 10/14TPI	82472205770	250	5	
	20515B650R	650R 152 x 19 x 1,3mm 10/14TPI	82472205152	500	25	
	20583110R	110R 305 x 19 x 1,3mm 10/14TPI	82472205831	250	5	
	20491B110R	B110R 305 x 19 x 1,3mm 10/14TPI	82472204919	250	25	

	ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY	APPLICATION
					BLADES/PACK*	
THICK METAL	20550414R	414R 102 x 19 x 0,9mm 14TPI	82472205503	500	5	
	20564614R	614R 152 x 19 x 0,9mm 14TPI	82472205640	500	5	
	20494B614R	B614R 152 x 19 x 0,9mm 14TPI	82472204940	500	25	
	21519814R	814R 203 x 19 x 0,9mm 14TPI	82472215199	250	5	
MEDIUM METAL	20552418R	418R 102 x 19 x 0,9mm 18TPI	82472205527	500	5	
	20566618R	618R 152 x 19 x 0,9mm 18TPI	82472205664	500	5	
	20529B618R	B618R 152 x 19 x 0,9mm 18TPI	82472205299	500	25	
	20578818R	818R 203 x 19 x 0,9mm 18TPI	82472205787	250	5	
	20487B818R	B818R 203 x 19 x 0,9mm 18TPI	82472204872	250	25	
	21510118R	118R 305 x 19 x 1,3mm 18TPI	82472215106	250	5	
	21511B118R	B118R 305 x 19 x 0,9mm 18TPI	82472215113	250	25	
THIN METAL	20554424R	424R 102 x 19 x 0,9mm 24TPI	82472205541	500	5	
	20568624R	624R 152 x 19 x 0,9mm 24TPI	82472205688	500	5	
	20579824R	824R 203 x 19 x 0,9mm 24TPI	82472205794	250	5	
	148216J6R	6J6R 152 x 19 x 1,3mm 6TPI, Drywall (repl. for 20997EU Tri-Fold™ Saw)	82472148213	90	1	

## RECIPROCATING SAW BLADE KITS



1073415RKG



1214412RKD

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY
121439KPE	9 Piece Wood & Metal Kit: 2x 656R, 2x 624R, 2x 810R, 2x 818R, 1x 960R	082472121438	10	1
1214412RKD	12 Piece Demolition Kit: 3x 6066R, 3x 6114R, 2x 9114R, 2x 966R, 2x 960R	082472121445	10	1
1497913RKM	13 Piece Metal Kit: 3x 614R, 3x 618R, 2x 818G, 3x 818R, 2x 960R	5706915077056	10	1
1498013RKW	13 Piece Wood Kit: 3x 656R, 3x 610R, 2x 966G, 2x 966R, 3x 810R	5706915077049	10	1
1073415RKG	15RKG 15 Piece Wood & Metal : 5 x 614R, 5 x 618R, 5 x 656R	082472107340	8	1



## LENOX DIAMOND™ RECIPROCATING SAW BLADES

### Cuts Cast. Fast.

#### LASTS LONGER

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

#### CUTS 3X FASTER\*

A narrow kerf design enables thinner, faster cuts

#### STRAIGHT, CLEAN CUTS

Unlike bulky snap cutters which crush pipes and leave ragged, uneven cuts, LENOX DIAMOND cuts clean. Durable chrome alloy backing steel provides extra stability



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*	APPLICATION
10833800RDG	800RDG 200 x 19 x 1mm Diamond Grit, Single Tang	082472108330	90	1	
1766338	800DTDG 225 x 19 x 1mm Diamond Grit, Double Tang	885363000740	90	1	
1766356	100DTDG 275 x 19 x 1mm Diamond Grit, Double Tang	885363000757	90	1	

## CARBIDE GRIT RECIPROCATING SAW BLADES

### For Cutting Non-Metallic Materials

#### HIGH PERFORMANCE IN ABRASIVE MATERIALS

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

#### SMOOTH, QUICK CUTS

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



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*	APPLICATION
20505600RG	600RG 152 x 20 x 0,8mm, Carbide Grit	082472205053	240	2	
20506100RG	100RG 254 x 20 x 1,3mm, Carbide Grit	082472205060	100	2	
20576800RG	800RG 203 x 20 x 1,0mm, Carbide Grit	082472205763	100	2	

\*Items can only be ordered in multiples of the Min. Order Quantity

## CARBIDE TIPPED MASONRY RECIPROCATING BLADES

Fast, Durable and Precise cutting in all masonry materials

- High Quality Cuts
- 5TPI blades provide high quality cuts in clay brick, limestone and Poroton blocks.
- 1.5TPI provide high quality cuts in light and aerated concrete



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
21103235BLP	235BLP 235 x 20 x 1,25TPI	5706915078497	25	1
21104300BLP	300BLP 300 x 50 x 1,25TPI	5706915078503	25	1
21105450BLP	450BLP 450 x 50 x 1,25TPI	5706915078510	25	1
21107300LC	300LC 300 x 50 x 1,21,5TPI	5706915078534	25	1
21108450LC	450LC 450 x 50 x 1,21,5TPI	5706915078541	25	1

## PALLET CUTTING BI-METAL RECIPROCATING SAW BLADES

High Performance Cutting for Pallet Refurbishing

### ENGINEERED FOR STRENGTH

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

### LONG CUTTING LIFE

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



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
10729810RPC	810RPC 200 x 19 x 0,9mm 10TPI	082472107296	250	250
1995507	910RPC 250 x 19 x 0,9mm 10TPI	885363177343	250	250
107301010RPC	1010RPC 250 x 19 x 0,9mm 10TPI	082472107302	250	250

## AIR SAW BLADES

Shatter Resistant Bi-Metal blades for Pneumatic Machine Cutting

- Shatter Resistant
- Bi-metal blades bend and resist breaking and extended blade life

### MAXIMUM DURABILITY

For pneumatic machine cutting

### LONG LASTING



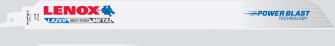








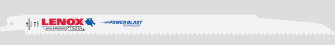



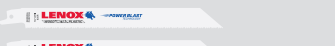
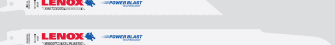
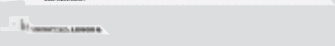



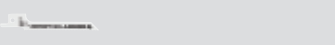

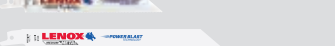
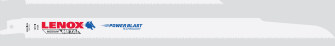
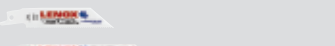
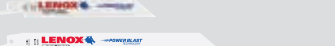





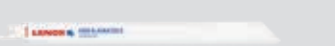
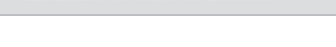






High-speed Steel teeth provide a strong, long lasting cutting edge



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
20427424T	424T 100 x 13 x 0,64mm 24TPI	082472204278	500	5
20428432T	432T 100 x 13 x 0,64mm 32TPI	082472204285	500	5

\*Items can only be ordered in multiples of the Min. Order Quantity

# RECIPROCATING SAW BLADES CROSS REFERENCE CHART

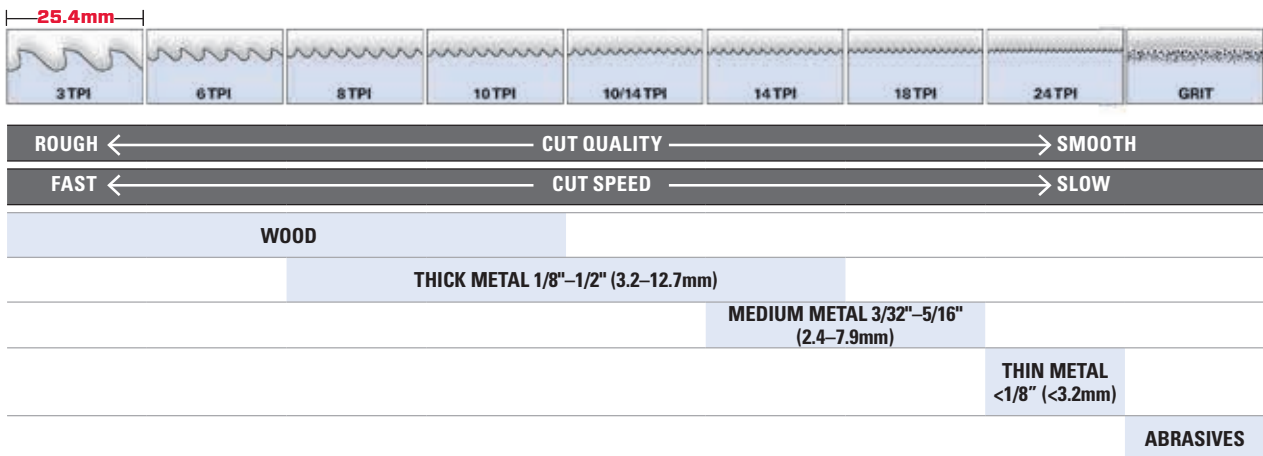
	TPI	LENGTH		DESC	SHAPE	MILWAUKEE®	BOSCH®	DEWALT®	STARRETT®
		IN	MM						
<b>LAZER</b>	14	6	152	6114R		4782	S936BEF	—	—
	14	9	229	9114R		4787, 5787	S1136BEF	—	—
	14	12	305	12114R		5794	—	—	—
	18	6	152	6118R		4784, 5784	—	—	—
	18	9	229	9118R		4788, 5790, 5788	—	—	—
	18	12	305	12118R		4789, 5791, 8789, 5789	S1226BEF	—	—
<b>STANDARD BI-METAL</b>	4	6	152	634R		—	—	DT2351, DT2344, DT2362	BT63
	6	4	102	456RP		5052	—	—	—
	6	6	152	636RP		—	—	DT2359	B66, BT66
	6	6	152	656R		5035	S644D, S611DF, S611VF	—	—
	6	6	152	676RC		1606, 5041	S744D	—	—
	6	6	152	606R		5015	—	—	—
	6	9	229	956R		5016, 5036	S1111DF, S1111VF	DT2349, DT2320, DT2363	BT96
	6	12	305	156R		5017, 5037	S1344D, S1411DF	DT2349, DT2364	BT126
	10	6	152	610R		5090, 5091, 4091, 5092	S922HF	DT2361, DT2384	BT6610, B610
	10	8	203	810R		4093, 5093	S1122HF	DT2353, DT2354, DT2323	BT910
	10/14	6	152	635R		—	—	—	—
	10/14	6	152	650R		—	S922VF, S925VF	DT2385, DT2346	—
	10/14	8	203	835R		5193	—	—	—
	10/14	8	203	850R		5193	S1025VF	—	—
	10/14	12	305	110R		5094, 5194	S1222VF	—	BT12610, BT121014
	14	3-5/8	92	314RC		5161, 5162	—	—	SB414
	14	4	102	414R		5181	S522BF	—	B414
	14	6	152	614R		5182, 4182,	S922BF	DT2348, DT2345	B614
	14	8	203	814R		5187, 4182, 7187	S1122BF	DT2387	—
	14	9	225	9514R		—	—	—	—
	18	3-5/8	92	318RC		5163	S422BF	—	SB424
	18	4	102	418R		5183	S522EF	—	B418
	18	6	152	618R		4184, 5184	S922EF	—	B618
	18	8	203	818R		4188, 5188	S1122EF	—	B818
18	12	305	118R		5189	—	DT2355	—	
24	4	102	424R		5185	S522AF	—	B424	
24	6	152	624R		4186, 5186, 8186	S922AF	—	B624	
24	8	203	824R		—	S1122AF	—	—	
<b>LENOX DIAMOND™</b>	Grit	8	203	800DRDG		1440	S1050RD	—	—
	Grit	9	225	800DTDG		1450	DS0930DGX	—	—
	Grit	11	275	100DTDG		—	—	—	—
<b>CARBIDE GRIT</b>	Grit	6	152	600RG		1421, 6430, 1420	—	—	Xr6
	Grit	8	203	800RG		1431, 6430, 1430	—	—	—
	Grit	10	254	100RG		—	S1130Riff	—	—



## RECIPROCATING SAW BLADE SELECTION GUIDE

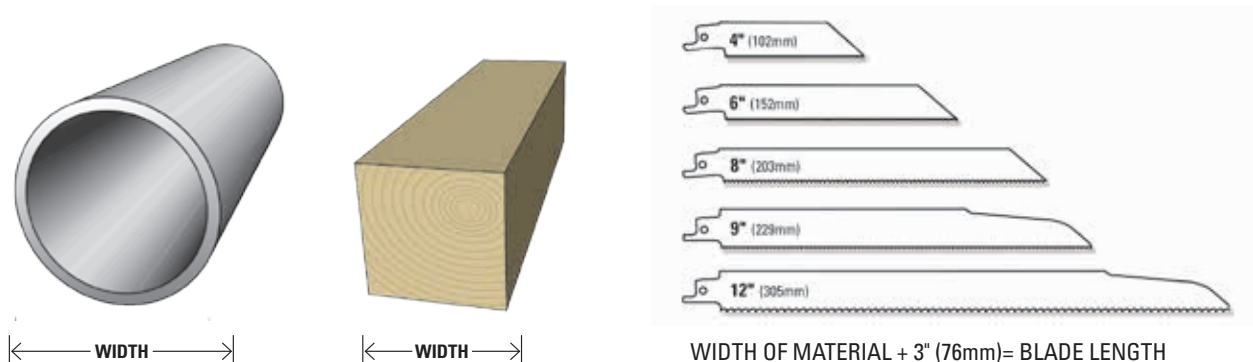
	WOOD	NAIL-EMBEDDED WOOD	NON-FERROUS METAL	DEMOLITION	FIRE & RESCUE	PLASTICS & COMPOSITES	THICK METAL	MEDIUM METAL	THIN METAL	DRYWALL/ PLASTER	TILE & GRANITE	CAST IRON	ABRASIVES
<b>BEST</b>	DEMOLITION CT™	LENOX Gold® POWER ARC™ CURVED BLADES							BI-METAL	LENOX DIAMOND™	LENOX DIAMOND™		
<b>BETTER</b>	LENOX Gold® POWER ARC™ CURVED BLADES	LAZER®	BI-METAL	LAZER®	—	CARBIDE GRIT	CARBIDE GRIT						
<b>GOOD</b>	BI-METAL	BI-METAL	—	BI-METAL	—	—	—	—	—	—	—	—	

## TEETH PER INCH SELECTION GUIDE



## BLADE LENGTH SELECTION GUIDE

**TIP** Always keep 2-3 teeth in the material at all times



WIDTH OF MATERIAL + 3" (76mm) = BLADE LENGTH  
 EXAMPLE: 5" (WIDTH) + 3" (76mm) = 8" (203mm).  
 USE AN 8" (203mm) OR 9" (229mm) BLADE














# ***HOLE SAWS***

- SPEED SLOT®* Hole Saws..... 17
- Recommended Hole Saw RPM ..... 19
- Bi-metal *SPEED SLOT®* Hole Saws *Kits* ..... 20
- Snap-Back™ Arbors ..... 21
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- Lenox Diamond™* Hole Saws ..... 23
- Carbide Tipped..... 25



**HOLE SAW SELECTION GUIDE**

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

**NEW**

**SPEED SLOT® HOLE SAWS WITH T3 TECHNOLOGY™**

**50% Longer Life. 2X More Durable.\***

**IMPROVED METAL CUTTING PERFORMANCE**

Increased wall thickness improves durability and minimizes tooth loss  
Optimized tooth design penetrates metal with ease

**FAST, EFFICIENT CUTTING IN WOOD**

Larger, sharper teeth remove more wood for fast cutting

**EASY PLUG REMOVAL**

SPEED SLOT staircase design for fast, easy plug ejection

\*vs. Prior LENOX Generation



**SPEED SLOT® staircase for fast, easy plug removal**

**Advanced tooth design increases cutting life**



**10% Thicker Wall adds strength and durability**





## BI-METAL SPEED SLOT® HOLE SAW WITH T3 TECHNOLOGY™



DESCRIPTION		1 PER BOX	USE ARBOR	
IN	MM	PROD NO	SNAP-BACK™	STANDARD
9L	14mm	300099L	5L	1L, 4L or 5L
10L	16mm	3001010L	5L	1L, 4L or 5L
11L	17mm	3001111L	5L	1L, 4L or 5L
12L	19mm	3001212L	5L	1L, 4L or 5L
20L	20mm	3009820MMHS	5L	1L, 4L or 5L
13L	21mm	3001313L	5L	1L, 4L or 5L
14L	22mm	3001414L	5L	1L, 4L or 5L
15L	24mm	3001515L	5L	1L, 4L or 5L
16L	25mm	3001616L	5L	1L, 4L or 5L
17L	27mm	3001717L	5L	1L, 4L or 5L
18L	29mm	3001818L	5L	1L, 4L or 5L
19L	30mm	3001919L	5L	1L, 4L or 5L
20L	32mm	3002020L	2L, 6L	2L, 3L or 6L
21L	33mm	3002121L	2L, 6L	2L, 3L or 6L
22L	35mm	3002222L	2L, 6L	2L, 3L or 6L
23L	37mm	3002323L	2L, 6L	2L, 3L or 6L
24L	38mm	3002424L	2L, 6L	2L, 3L, 6L or 7L
25L	40mm	3002525L	2L, 6L	2L, 3L, 6L or 7L
26L	41mm	3002626L	2L, 6L	2L, 3L, 6L or 7L
27L	43mm	3002727L	2L, 6L	2L, 3L, 6L or 7L
28L	44mm	3002828L	2L, 6L	2L, 3L, 6L or 7L
29L	46mm	3002929L	2L, 6L	2L, 3L, 6L or 7L
30L	48mm	3003030L	2L, 6L	2L, 3L, 6L or 7L
32L	51mm	3003232L	2L, 6L	2L, 3L, 6L or 7L
33L	52mm	3003333L	2L, 6L	2L, 3L, 6L or 7L
34L	54mm	3003434L	2L, 6L	2L, 3L, 6L or 7L
36L	57mm	3003636L	2L, 6L	2L, 3L, 6L or 7L
38L	60mm	3003838L	2L, 6L	2L, 3L, 6L or 7L
40L	62mm	3004040L	2L, 6L	2L, 3L, 6L or 7L
41L	65mm	3004141L	2L, 6L	2L, 3L, 6L or 7L
42L	67mm	3004242L	2L, 6L	2L, 3L, 6L or 7L
43L	68mm	3004343L	2L, 6L	2L, 3L, 6L or 7L
44L	70mm	3004444L	2L, 6L	2L, 3L, 6L or 7L
46L	73mm	3004646L	2L, 6L	2L, 3L, 6L or 7L
48L	76mm	3004848L	2L, 6L	2L, 3L, 6L or 7L
50L	79mm	3005050L	2L, 6L	2L, 3L, 6L or 7L
52L	83mm	3005252L	2L, 6L	2L, 3L, 6L or 7L
54L	86mm	3005454L	2L, 6L	2L, 3L, 6L or 7L
56L	89mm	3005656L	2L, 6L	2L, 3L, 6L or 7L
58L	92mm	3005858L	2L, 6L	2L, 3L, 6L or 7L
60L	95mm	3006060L	2L, 6L	2L, 3L, 6L or 7L
62L	98mm	3006262L	2L, 6L	2L, 3L, 6L or 7L
64L	102mm	3006464L	2L, 6L	2L, 3L, 6L or 7L
66L	105mm	3006666L	2L, 6L	2L, 3L, 6L or 7L
68L	108mm	3006868L	2L, 6L	2L, 3L, 6L or 7L
70L	111mm	3007070L	2L, 6L	2L, 3L, 6L or 7L
72L	114mm	3007272L	2L, 6L	2L, 3L, 6L or 7L
74L	118mm	3007474L	2L, 6L	2L, 3L, 6L or 7L
76L	121mm	3007676L	2L, 6L	2L, 3L, 6L or 7L
80L	127mm	3008080L	2L, 6L	2L, 3L, 6L or 7L
88L	140mm	3008888L	2L, 6L	2L, 3L, 6L or 7L
96L	152mm	3009696L	2L, 6L	2L, 3L, 6L or 7L
*106L	168mm	3106106L	2L, 6L	2L, 3L, 6L or 7L
*112L	177mm	3112112L	2L, 6L	2L, 3L, 6L or 7L
*132L	210mm	3132132	2L, 6L	2L, 3L, 6L or 7L

\*T1 bi-metal hole saw design

## RECOMMENDED HOLE SAW RPM

### BI-METAL

DIAMETER		MILD STEEL	TOOL / STAINLESS STEEL	CAST IRON	BRASS	ALUM
IN	MM					
9L	14mm	580	300	400	790	900
10L	16mm	550	275	365	730	825
11L	17mm	500	250	330	665	750
12L	19mm	460	230	300	600	690
20L	20mm	425	210	280	560	630
13L	21mm	425	210	280	560	630
14L	22mm	390	195	260	520	585
15L	24mm	370	185	245	495	555
16L	25mm	350	175	235	470	525
17L	27mm	325	160	215	435	480
18L	29mm	300	150	200	400	450
19L	30mm	285	145	190	380	425
20L	32mm	275	140	180	360	410
21L	33mm	260	135	175	345	390
22L	35mm	250	125	165	330	375
23L	37mm	240	120	160	315	360
24L	38mm	230	115	150	300	345
25L	40mm	220	110	145	290	330
26L	41mm	210	105	140	280	315
27L	43mm	205	100	135	270	305
28L	44mm	195	95	130	250	295
29L	46mm	190	95	125	250	285
30L	48mm	180	90	120	240	270
32L	51mm	170	85	115	230	255
33L	52mm	165	80	110	220	245
34L	54mm	160	80	105	210	240
36L	57mm	150	75	100	200	225
38L	60mm	140	70	95	190	220
40L	62mm	135	65	90	180	205
41L	65mm	130	65	85	175	200
42L	67mm	130	65	85	170	195
43L	68mm	125	60	80	160	185
44L	70mm	125	60	80	160	185
46L	73mm	120	60	80	160	180
48L	76mm	115	55	75	150	170
50L	79mm	110	55	70	140	165
52L	83mm	105	50	70	140	155
54L	86mm	100	50	65	130	150
56L	89mm	95	45	65	130	145
58L	92mm	95	45	60	120	140
60L	95mm	90	45	60	120	135
62L	98mm	85	40	55	110	130
64L	102mm	85	40	55	110	130
66L	105mm	80	40	55	110	120
68L	108mm	80	40	55	110	120
70L	111mm	75	35	50	100	105
72L	114mm	75	35	50	100	105
74L	118mm	75	35	50	100	105
76L	121mm	70	35	45	90	95
80L	127mm	70	35	45	90	95
88L	140mm	65	30	40	85	90
96L	152mm	65	30	40	85	90
*106L	168mm	65	30	40	85	90
*112L	177mm	65	30	40	85	90
*132L	210mm	65	30	40	85	90

\*T1 bi-metal hole saw design



## BI-METAL SPEED SLOT® HOLE SAW WITH T3 TECHNOLOGY™ KITS

Convenient Storage for Trade-Specific Uses

### DURABLE

Durable construction resists damage caused by drops and tough workplace environments

### SECURE

Latches close case tightly and securely

### LONG LASTING

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



## CONTRACTOR'S KITS



### 1768698 26 PIECE KIT-BIG DADDY™

19, 22, 25, 29, 35, 38, 44, 51,  
54, 57, 64, 68, 76, 83, 86, 92,  
95, 105, 114, 121mm,

Standard Arbors:  
1L, 2L, 5L,

2 x 4321 Pilot Drill Bits,  
1 x 56PD Pilot Drill Bit



### 1768793 9 PIECE KIT

22, 25, 32,  
35, 38, 44,  
54mm,  
Arbors:  
5L, 6L



### 1768795 17 PIECE KIT

16, 19, 22, 25, 29,  
32, 35, 38, 44, 51,  
64, 76mm,

Arbors: 1L, 2L,  
3 x 4321 Pilot  
Drill Bits

## ELECTRICIAN'S KITS



### 1768668 9 PIECE KIT

16, 20, 25, 32, 41, 51, 64mm,  
Arbors: 1L, 2L



### 1768695 17 PIECE KIT

19, 22, 29, 35, 44, 51, 64,  
68, 76, 92, 105, 121mm,  
Arbors: 2L, 5L, 2 x 4321 Pilot Drill Bits,  
1 x 56PD Pilot Drill Bit



### 1768696 10 PIECE KIT

22, 29, 35, 44, 51, 64mm,  
Arbors: 2L, 5L,  
1 x 4321 Pilot Drill Bit,  
1 x Arbor Adapter



### 1768662 8 PIECE KIT

16, 20, 25, 32, 38, 51mm,  
Arbors: 1L, 2L

## PLUMBER'S KITS



**1768436**  
**9 PIECE KIT**  
 19, 22, 29, 38, 44, 68mm,  
 Arbors: 2L, 5L, 1 x Arbor Adapter



**1768794**  
**10 PIECE KIT**  
 19, 22, 29, 38, 44, 57mm  
 Arbors: 2L, 5L, 1 x 4321 Pilot Drill  
 Bit, 1 x Arbor Adapter

## SNAP-BACK™ ARBORS

**No Tools. No Adaptors. No Screwing Around.**

### QUICK CHANGE

Faster and easier to engage/disengage hole saw

### PREVENTS THREADS FROM STRIPPING

Drives off pins, not threads

### NO TOOLS NEEDED

Prevents hole saw from locking on arbor

### NO ADAPTOR REQUIRED

Standard Arbor threads directly into all hole saws

### EASIER PLUG REMOVAL



Pull

Twist

Snap

PROD NO	DESC	FITS HOLE SAWS	SIZES		THREAD SIZE	SHANK TYPE	SHANK SIZE	
			IN	MM			IN	MM
1768811	2L	20L-96L	1-1/4-6	31.8-152.4	5/8-18	Solid Hex	1/2 & larger	12.7 & larger
1768812	5L	9L-19L	9/16-1-3/16	14-30	1/2-20	Solid Hex	3/8 & larger	9.5 & larger
1768813	6L	20L-96L	1-1/4-6	31.8-152.4	5/8-18	Solid Hex	3/8 & larger	9.5 & larger

Solid Hex



2L



5L



6L



## STANDARD ARBORS & ACCESSORIES

Arbors & Accessories for All Your Drilling Needs

### ADDED DURABILITY

Hardened carbon steel for strength

### STARTS ON CONTACT

Split point pilot drill for faster penetration and less walking



LENOX 6L Standard Arbor with quick change feature (1779805)

PROD NO	DESC	FITS HOLE SAWS	SIZES		SHANK TYPE	SHANK SIZE		PRIMARY FEATURE
			IN	MM		IN	MM	
1779774	1L	9L-19L	9/16-1-3/16	14.3-30.2	Hollow Hex	1/2 & larger	12.7 & larger	Adjustable pilot bit
1779801	2L	20L-96L	1-1/4-6	31.8-152.4	Solid Hex	1/2 & larger	12.7 & larger	Use for enlarging holes
1779802	3L	20L-96L	1-1/4-6	31.8-152.4	Solid Hex	1/2 & larger	12.7 & larger	Solid shank
1779803	4L	9L-19L	9/16-1-3/16	14.3-30.2	3 Sided	1/4 & larger	6.4 & larger	Adjustable pilot bit, 3 flats on shank
1779804	5L	9L-19L	9/16-1-3/16	14.3-30.2	Hex	3/8 & larger	9.5 & larger	Use for 9A-19A arbored hole saws
1779805	6L	20L-96L	1-1/4-6	31.8-152.4	Hex	3/8 & larger	9.5 & larger	Quick change arbor
1779806	7L	24L-96L	1-1/2-6	31.8-152.4	Hex	3/8 & larger	9.5 & larger	Plug ejection feature

	PROD NO	DESCRIPTION	CHUCK SIZE		FITS ARBOR	
			IN	MM	SNAP BACK	SOLID HEX
ACCESSORIES	1779771	4-1/4" Pilot Drill (1 pack)	1/4	6.4	—	1L, 4L
	1779810	3-1/4" Pilot Drill (1 pack)	1/4	6.4	2L, 5L, 6L	2L, 3L, 5L, 6L, 7L
	30297123CT	Carbide Tipped Pilot Drill (1 pack)	1/4	6.4	—	1L, 4L
	3029865CTPD	Carbide Tipped Pilot Drill (1 pack)	1/4	6.4	2L, 5L, 6L	2L, 3L, 5L, 6L, 7L
	30857AA1	Standard Arbor Adaptor (1 pack)	—	—	5L	1L, 4L, 5L
	3084310X	250 mm Extension (1 pack)	3/8 & larger	9.5 & larger	5L, 6L	5L, 6L, 7L
	3084712X	300 mm Extension (1 pack)	1/2 & larger	12.7 & larger	2L	1L, 2L, 3L
	3084818X	450 mm Extension (1 pack)	1/2 & larger	12.7 & larger	2L	1L, 2L, 3L



# LENOX *DIAMOND*™ HOLE SAWS

More Holes. Less Time.



## LENOX *DIAMOND*™ HOLE SAWS

**More Holes. Less Time.**

**LONG LASTING**

Continuous, brazed edge lasts longer in tile and stone

**DURABLE**

Robust design for greater durability in tough applications

**FAST, EASY CUTTING**

Low torque, little pressure required

**EASIER PLUG REMOVAL**

Over-sized slot in hole saw for easy plug removal

**USE STANDARD ARBOR, SNAP-BACK™ ARBOR FOR BEST**



**STANDARD HOLE SAWS**

1 PER PACK PROD NO	DESCRIPTION	USE ARBOR STANDARD
10507823	DHS19mm	1L, 4L, 5L
10507824	DHS20mm	1L, 4L, 5L
10507825	DHS22mm	2L, 3L, 6L
10507826	DHS25mm	2L, 3L or 6L
10507827	DHS29mm	2L, 3L, 6L, 7L
10507828	DHS32mm	2L, 3L, 6L, 7L
10507829	DHS35mm	2L, 3L, 6L, 7L
10507830	DHS38mm	1L, 4L, 5L
10507831	DHS44mm	2L, 3L, 6L or 7L
10507832	DHS48mm	2L, 3L, 6L or 7L
10507833	DHS51mm	2L, 3L, 6L or 7L
10507834	DHS54mm	2L, 3L, 6L, 7L
10507835	DHS57mm	2L, 3L, 6L, 7L
10507836	DHS60mm	2L, 3L, 6L, 7L
10507837	DHS64mm	2L, 3L, 6L, 7L
10507838	DHS68mm	2L, 3L, 6L, 7L
10507839	DHS76mm	2L, 3L, 6L, 7L
10507840	DHS83mm	2L, 3L, 6L, 7L
10507841	DHS102mm	2L, 3L, 6L, 7L
10507842	DHS114mm	2L, 3L, 6L, 7L

# CARBIDE TIPPED HOLE SAWS

## Designed for Cutting Tile and Stainless Steel

### LONG TOOL LIFE

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

### ADDED DURABILITY

Thick backing plate resists damage and increases life

### UNIQUE TOOTH CONFIGURATION

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

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



1 PER PACK PROD NO	DESCRIPTION	USE ARBOR		RECOMMENDED RPM				
		SNAP-BACK	STANDARD	ALUM	STAINLESS STEEL	FIBER-GLASS	CERAMIC TILE	CAST IRON
3021111CT	11CT 17mm	5L	1L, 4L, 5L	1700	—	250	500	410
3021212CT	12CT 19mm	5L	1L, 4L, 5L	1700	410	250	500	410
3021414CT	14CT 22mm	5L	1L, 4L, 5L	1500	180	210	430	180
3021616CT	16CT 25mm	5L	1L, 4L, 5L	1300	150	190	370	150
3021818CT	18CT 29mm	5L	1L, 4L, 5L	1100	140	170	330	140
3022020CT	20CT 32mm	2L	2L, 3L, 6L	1100	—	140	270	110
3022222CT	22CT 35mm	2L	2L, 3L, 6L	900	110	140	270	110
3022424CT	24CT 38mm	2L	2L, 3L, 6L, 7L	900	110	140	270	110
3022626CT	26CT 41mm	2L	2L, 3L, 6L, 7L	700	—	120	250	100
3022828CT	28CT 44mm	2L	2L, 3L, 6L, 7L	700	90	110	210	90
3023232CT	32CT 51mm	2L	2L, 3L, 6L, 7L	600	80	90	190	80
3023434CT	34CT 54mm	2L	2L, 3L, 6L, 7L	600	—	90	190	80
3023636CT	36CT 57mm	2L	2L, 3L, 6L, 7L	600	70	80	170	70
3023838CT	38CT 60mm	2L	2L, 3L, 6L, 7L	500	—	80	170	70
3024040CT	40CT 64mm	2L	2L, 3L, 6L, 7L	500	60	70	150	60
3024141CT	41CT 65mm	2L	2L, 3L, 6L, 7L	500	—	70	150	60
3024242CT	42CT 67mm	2L	2L, 3L, 6L, 7L	400	—	70	150	60
3024343CT	43CT 68mm	2L	2L, 3L, 6L, 7L	400	—	70	120	50
3024848CT	48CT 76mm	2L	2L, 3L, 6L, 7L	400	50	60	120	50
3025252CT	52CT 83mm	2L	2L, 3L, 6L, 7L	400	50	60	120	50
3025454CT	54CT 86mm	2L	2L, 3L, 6L, 7L	400	—	60	110	50
3025656CT	56CT 89mm	2L	2L, 3L, 6L, 7L	400	—	60	110	40
3025858CT	58CT 92mm	2L	2L, 3L, 6L, 7L	400	40	50	100	40
3026060CT	60CT 95mm	2L	2L, 3L, 6L, 7L	300	40	50	100	40
3026464CT	64CT 102mm	2L	2L, 3L, 6L, 7L	300	—	50	90	40
3026666CT	66CT 105mm	2L	2L, 3L, 6L, 7L	300	40	50	90	40
3026868CT	68CT 108mm	2L	2L, 3L, 6L, 7L	300	—	40	90	40
3027272CT	72CT 114mm	2L	2L, 3L, 6L, 7L	300	—	40	80	30
3027676CT	76CT 121mm	2L	2L, 3L, 6L, 7L	300	30	40	80	30
3028080CT	80CT 127mm	2L	2L, 3L, 6L, 7L	200	30	40	80	30
3028888CT	88CT 140mm	2L	2L, 3L, 6L, 7L	200	30	40	70	30
3029696CT	96CT 152mm	2L	2L, 3L, 6L, 7L	100	30	30	60	30

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





## ***JIG SAW BLADES***

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## BI-METAL JIG SAW BLADES

### Ideal for Wood Working and Metal Cutting

#### PRECISION CUTTING

Super sharp to cut fast without deflection

#### SMOOTH FINISH

Ground to precision sharpness for straight cuts and a smooth finish

#### IDEAL FOR WOODWORKING

Designed for optimal performance in wood cutting, including hardwoods

#### SHATTER RESISTANT

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



T SHANK



UNIVERSAL SHANK



## BI-METAL T-SHANK JIG SAW BLADES



ITEM NO.			DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
20305BT406S	406S	100 x 10 x 1,3mm	6TPI, Wood Cutting	082472203059	250	2
20306BT410S	410S	100 x 10 x 1,3mm	10TPI, Wood Cutting	082472203066	250	2
20309BT686S	686S	150 x 10 x 1,3mm	6TPI, Wood Cutting	082472203097	250	2
20311BT320	320SC	92 x 5 x 1,3mm	20TPI, Wood Cutting Contour	082472203110	250	2
20313BT450	450S	100 x 8 x 1,3mm	10TPI, Wood Cutting	082472203134	250	2
20314BT450	450SR	100 x 8 x 1,3mm	10TPI, Wood Cutting, Reverse Tooth Setting	082472203141	250	2
20315BT456	456S	100 x 8 x 1,3mm	6TPI, Wood Cutting	082472203158	250	2
20301BT314S	314S	92 x 10 x 0,9mm	14TPI, Metal Cutting	082472203011	250	2
20302BT318S	318S	92 x 10 x 0,9mm	18TPI, Metal Cutting	082472203028	250	2
20303BT324S	324S	92 x 10 x 0,9mm	24TPI, Metal Cutting	082472203035	250	2
20308BT518S	518S	135 x 10 x 1,3mm	18TPI, Metal Cutting	082472203080	250	2
20803BT332S	332S	92 x 10 x 0,9mm	32TPI, Metal Cutting	082472208030	250	2
20812B406S	406S	100 x 10 x 1,3mm	6TPI, Wood Cutting	082472208122	500	25
20813B410S	410S	100 x 10 x 1,3mm	10TPI, Wood Cutting	082472208139	500	25
20814B450S	450S	100 x 8 x 1,3mm	10TPI, Wood Cutting	082472208146	500	25

## HIGH CARBON STEEL JIG SAW BLADES

Ideal for Woodworking

### PRECISION CUTTING

Super sharp to cut fast without deflection

### SMOOTH FINISH

Ground to precision sharpness for straight cuts and a smooth finish

### IDEAL FOR WOODWORKING

Designed for optimal performance in wood cutting, including hardwoods



T SHANK



UNIVERSAL SHANK

## CARBON T-SHANK JIG SAW BLADES FOR WOOD CUTTING



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
20296CF450	CF450S 100 x 10 x 1,5mm 10TPI, Wood Cutting	082472202960	500	5
20298CFS406S	CFS406S 100 x 10 x 1,3mm 6TPI, Wood Cutting	082472202984	500	5
20312BT416	416SC 100 x 6 x 1,3mm 6TPI, Wood Cutting Contour	082472203127	250	2

## JIG SAW KIT

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
1802081	Jigsaw Kit: 4x 406S, 4x 456S, 4x 450S, 2x 324S	885363006582	100	1

## CARBIDE GRIT T-SHANK JIG SAW BLADES



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
20300GT300S	300S 75 x 8 x 0,8mm Abrasive cutting	082472203004	250	2

## DIAMOND™ T-SHANK JIG SAW BLADES



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
12149DG300S	300S 75 x 8 x 0,8mm Diamond Grit	082472121490	125	1

\*Items can only be ordered in multiples of the Min. Order Quantity

# VARI-BIT™ STEP DRILL BITS

## Drills Fast, Clean, Round Holes

### ACCURATE, BURR-FREE HOLES

Patented two flute design cuts fast, clean, round holes

### STARTS ON CONTACT

Split point design for faster penetration and less walking

### LONG TOOL LIFE

Steam oxide coating adds durability. Enhanced flute design removes chips rapidly. Use of LENOX PROTOOL LUBE® recommended to extend tool life



## VARI-BIT™ STEP DRILL BITS, METRIC

ITEM NO.	DESCRIPTION	CHUCK SIZE	EAN	MASTER PACK	MIN. ORDER QTY
30960MVB412	MVB412 9 steps 4, 5, 6, 7, 8, 9, 10, 11, 12mm	1/4" (6.35mm)	082472309607	50	1
30961MVB1424	MVB1424 7 steps 14, 16, 18, 20, 22, 24, 25mm	3/8" (9.5mm)	082472309614	50	1
30962MVB618	MVB618 7 steps 6, 8, 10, 12, 14, 16, 18mm	3/8" (9.5mm)	082472309621	50	1
30963MVB2034	MVB2034 8 steps 20, 22, 24, 26, 28, 30, 32, 34mm	3/8" (9.5mm)	082472309638	40	1
30964MVB528PG	MVB528PG 10 steps 5, 7.5, 10, 12.5, 15.2, 18.6, 20.4, 22.5, 25.5, 28.3mm	3/8" (9.5mm)	082472309645	50	1

## VARI-BIT™ STEP DRILL BITS

ITEM NO.	DESCRIPTION	CHUCK SIZE	EAN	MASTER PACK	MIN. ORDER QTY
30882VB2	VB2 9 steps 12.5, 14, 16, 17.5, 19, 20.5, 22, 23.5, 25mm	3/8" (9.5mm)	082472308822	50	1
30883VB3	VB3 9 steps 6, 8, 9.5, 11, 12.5, 14, 16, 17.5, 19mm	3/8" (9.5mm)	082472308839	50	1
30912VB12	VB12 5 steps 22, 28.5, 31, 32, 35mm	3/8" (9.5mm)	082472309126	40	1



30960MVB412



30961MVB1424



30962MVB618



30963MVB2034



30964MVB528PG



30882VB2



30883VB3



30912VB12





## **HAND TOOLS**

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## HT50 HIGH-TENSION HACKSAW

**50,000 PSI**

### HIGHEST TENSION. EVER

Unique I-beam construction allows blade to tension up to 50,000 psi, resulting in fast, straight cuts

### COMFORTABLE GRIPS

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

### CONVERT TO A JAB SAW

Accepts any LENOX® Recip blade to be used as a jab saw

### CONVENIENT BLADE STORAGE

Store up to 5 extra 12" hacksaw blades in the I-Beam



Tension



Use as a Jab Saw



Stores up to 5 Blades in I-Beam



Comfort Grips

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
10507542	HT50 high-tension Hacksaw, 300mm	5706915075427	5	5

## 88300 LIGHTWEIGHT HACKSAW

### HIGH TENSION

Saw will tension up to 30,000 PSI

### EASILY ADJUST TENSION

### ERGONOMIC GRIP

Front handle grip reduces fatigue in continuous cutting applications

### MULTI-PURPOSE

Mount blade at 45 degrees for flush cutting applications



Flush Cutting



Comfortable Grip

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
10507543	88300 Lightweight Hacksaw, 300mm	5706915075434	5	5

## T2™ TECHNOLOGY HACKSAW BLADES

### T2™ TECHNOLOGY

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

### SHATTER RESISTANT

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



## BI-METAL HACKSAW BLADES

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK <sup>2</sup>
20116218HE	218HE 300 x 13mm 18TPI	082472201161	500	100
20117224HE	224HE 300 x 13mm 24TPI	082472201178	500	100
20118232HE	232HE 300 x 13mm 32TPI	082472201185	500	100
20143V214HE	V214HE 300 x 13mm 14TPI	082472201437	500	10
20144V218HE	V218HE 300 x 13mm 18TPI	082472201444	500	10
20145V224HE	V224HE 300 x 13mm 24TPI	082472201451	500	10
20146V232HE	V232HE 300 x 13mm 32TPI	082472201468	500	10

\*Items can only be ordered in multiples of the Min. Order Quantity



## CLOSE QUARTER™ SAW & MINI HACKSAW FRAME

Cut a Wide Variety in Tight Spaces



### RUGGED DESIGN

Heavy-duty aluminium handle

### FITS IN TIGHT SPOTS

Allows for flush cutting applications

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
20975975	975 Hacksaw with 250mm bi-metal blade, also fits 300mm blades	082472209754	45	5

## PVC/ABS PLASTIC PIPE HANDSAW

Plastic Pipe Hand Saw



### CUTS PLASTIC PIPE EASILY

Cutting teeth cut on the pull stroke and not on the push stroke for safety

### COMFORTABLE GRIPS

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

### FLUSH CUTTING OPTION

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



Comfortable Handle

One Step Flush Cuttings

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
20985HSF12	300mm blade & handle, 10TPI	082472209853	5	5
20980HSF18	450mm blade & handle, 10TPI	082472209808	5	5
20982HSB12	300mm replacement blade, 10TPI	082472209822	50	5
20981HSB18	450mm replacement blade, 10TPI	082472209815	50	5

## TRI-FOLD™ SAWS

Designed for Cutting Multiple Materials

### COMFORTABLE GRIP

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

### SECURELY HOLDS BLADE

Aluminium locking mechanism prevents blade from being removed during use

### ACCOMMODATES HACKSAW BLADE

Ideal for flush cutting applications or when a hacksaw is not available

### DIE CAST ALUMINIUM CONSTRUCTION



Rotate Blade Out



Loosen Knob to Change Blade



Accommodates Hacksaw Blade

ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PACK*
20997EU	Tri-Fold™ Saw with two blades: Multi Material and Drywall blade	082472209976	5	5



## R1 PVC TUBING CUTTER

### Easy Ratcheting

**PERFECT CUTS. STRAIGHT AND EASY.**

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

**COMFORTABLE GRIPS**

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

**EASY OPEN & CLOSE**

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

**CUTS UP TO 1-1/4" NOMINAL**

**(1-5/8" MAX. OD - 42mm)**

**FOR ALL TYPES OF PLASTIC TUBING LIKE PVC, CPVC, PEX, PE & PB TUBING, FLEXIBLE HOSE**



Easy Ratcheting



One-Handed Operation



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK <sup>®</sup>
10507481	R1 PVC Cutter, 42mm	5706915074819	10	1
10507533	R1B-PVC Replacement Blade	5706915075335	25	1

## R2 PVC TUBING CUTTER

### One-Handed Operation

**PERFECT CUTS. STRAIGHT AND EASY.**

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

**ONE-HANDED RATCHETING**

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

**EASY OPEN**

Pull both handles apart to quickly start the next cut

**CUTS UP TO 2" NOMINAL**

**(2-3/8" MAX. OD - 60mm)**

**FOR ALL TYPES OF PLASTIC TUBING LIKE PVC, CPVC, PEX, PE & PB TUBING, FLEXIBLE HOSE**



Easy Ratcheting



One-Handed Operation



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK <sup>®</sup>
10507482	R2 PVC Cutter, 60mm	5706915074826	2	1
10507534	R2B-PVC Replacement Blade	5706915075342	25	1

## S1 PEX TUBING CUTTER

**Perfect Cuts. Straight and Easy.**

### PERFECT CUTS. STRAIGHT AND EASY.

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

### COMFORTABLE GRIPS

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

### EASY OPEN & CLOSE

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

### CUTS UP TO 1" NOMINAL

(1-5/16" MAX. OD - 33mm)

**FOR ALL TYPES OF PLASTIC TUBING LIKE PEX, PE & PB TUBING, FLEXIBLE HOSE.**



Straight Cuts



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
10507479	S1 PEX Cutter, 33mm	5706915074796	20	5
10507484	S1B-PEX Replacement Blade	5706915074840	25	1

## S2 CPVC TUBING CUTTER

**Durable Construction**

### PERFECT CUTS. STRAIGHT AND EASY.

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

### COMFORTABLE GRIPS

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

### DURABLE CONSTRUCTION

Cast aluminum body stands up to rugged, repeated use

### EASY OPEN & CLOSE

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

### CUTS UP TO 1" NOMINAL

(1-5/16" MAX. OD - 33mm)

**FOR ALL TYPES OF PLASTIC TUBING LIKE PVC, CPVC, PEX, PE & PB TUBING, FLEXIBLE HOSE**



Easy Open & Close



ITEM NO.	DESCRIPTION	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
10507480	S2 CPVC Cutter, 33mm	5706915074802	20	5
10507532	S2B-CPVC Replacement Blade	5706915075328	25	1

\*Items can only be ordered in multiples of the Min. Order Quantity

## CU-INOX PRO TUBE CUTTER

The LENOX® Cu-INOX Pro Tube Cutters are heavy-duty, high precision tube cutters with telescopic action. With a zinc die-cast body and stainless steel rollers (4 rolls for better grip of the tube).

### WON'T WALK WHILE CUTTING

Four roller tracking system keeps tube from threading

### PROFESSIONAL DEBURRING

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

### WILL NOT DAMAGE CUTTING WHEELS

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

### EASY TO USE

Change out wheels quickly & easily

### CONVENIENT STORAGE

Store an extra cutting wheel in the handle



#### Material:

- Copper (Al + Cu for fast cuts) for max. tube wall thickness: 2mm
- INOX (Stainless Steel) for max. tube wall thickness: 2.5mm



The Multi 67 Tubing Cutter can be used on plastic tube and Multi-layer pipes up to 67mm as well as applicable for copper tubes and stainless steel pipes.



10507460

10507461



10507462



ITEM NO.	DESCRIPTION	CUTTING SIZE	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK <sup>c</sup>
10507460	CU-INOX PRO 35	3-35mm	5706915075604	30	1
10507461	CU-INOX PRO 45	3-45mm	5706915075611	30	1
10507462	CU-INOX MULTI 67	6-67mm	5706915074628	15	1

## MINI TUBE CUTTERS

LENOX® Mini Tube Cutters are lightweight with an ergonomic knob and optimal tool size. The ideal solution for cutting tubes in difficult-to-access spaces.

### LESS BURR. MORE CUTS.

Optimized blade geometry of shock-resistant steel

### COMPACT DESIGN FOR TIGHT SPOTS

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

### NO RUSTING

Stainless steel rollers protect the cutter from corrosion

### QUICK IDENTIFICATION

Color coding for easy tool recognition and cutting direction



10507457



10507458



10507459



ITEM NO.	DESCRIPTION	CUTTING SIZE	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
10507457	CU-INOX MINI 16	3-16mm	5706915074574	60	1
10507458	CU-INOX MINI 25	3-25mm	5706915074581	60	1
10507459	CU-INOX MINI 30	3-30mm	5706915074598	60	1

## SPARE CUTTING WHEELS, 4 PACK



ITEM NO.	DESCRIPTION	FITS CUTTER	EAN	MASTER PACK	MIN. ORDER QTY BLADES/PK*
10507470	Cu-AI WHEEL	Multi 67/ PRO/ MINI 30	5706915074703	-	4
10507471	PVC WHEEL	Multi 67	5706915074710	-	4
10507472	INOX WHEEL	Multi 67/ PRO/ MINI 30	5706915074727	-	4
10507473	CQ WHEEL	CQ12-28	5706915074734	-	4
10507967	Cu-AI / INOX WHEEL	MINI 16/MINI 25	5706915079678	-	4

\*Items can only be ordered in multiples of the Min. Order Quantity

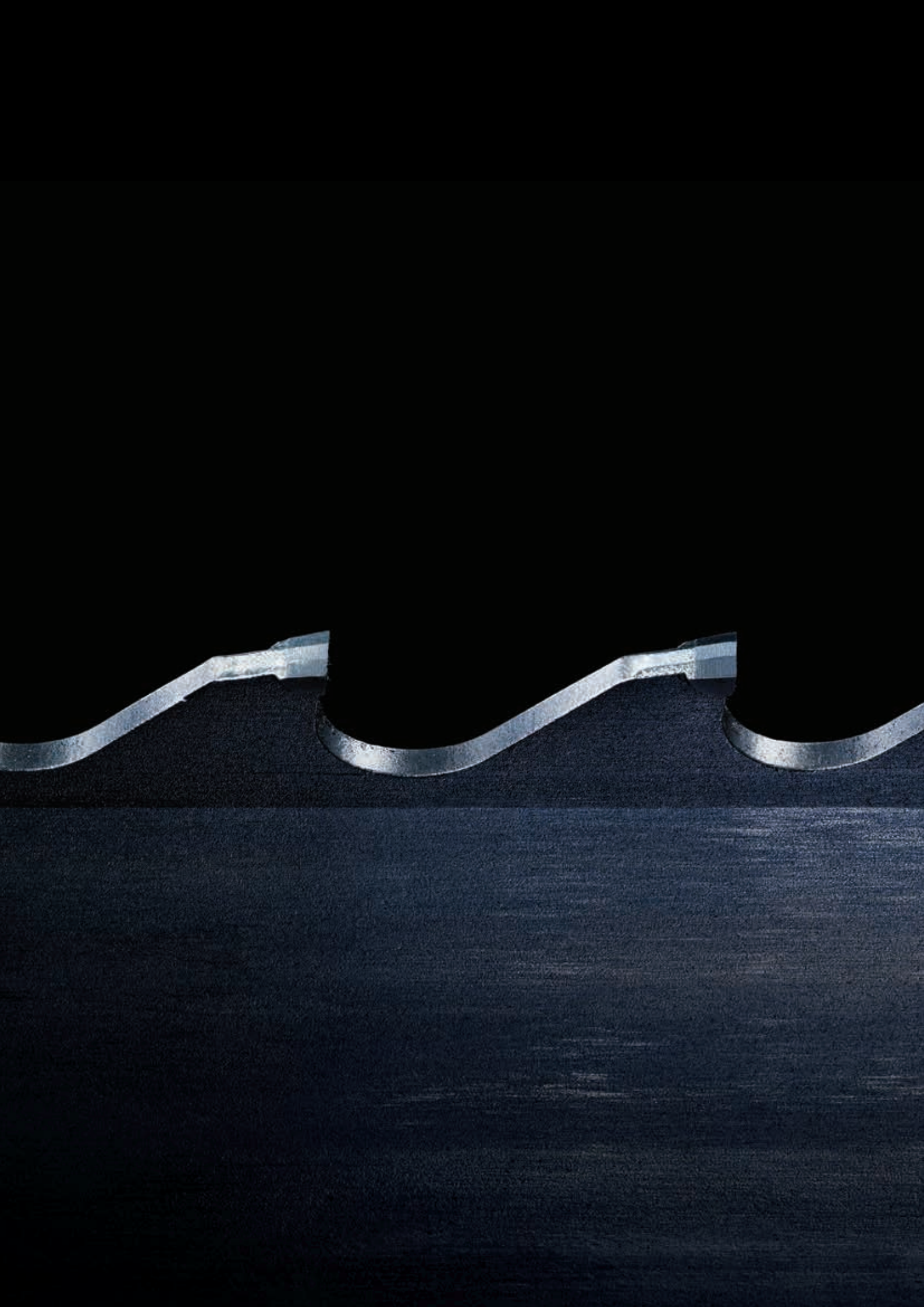




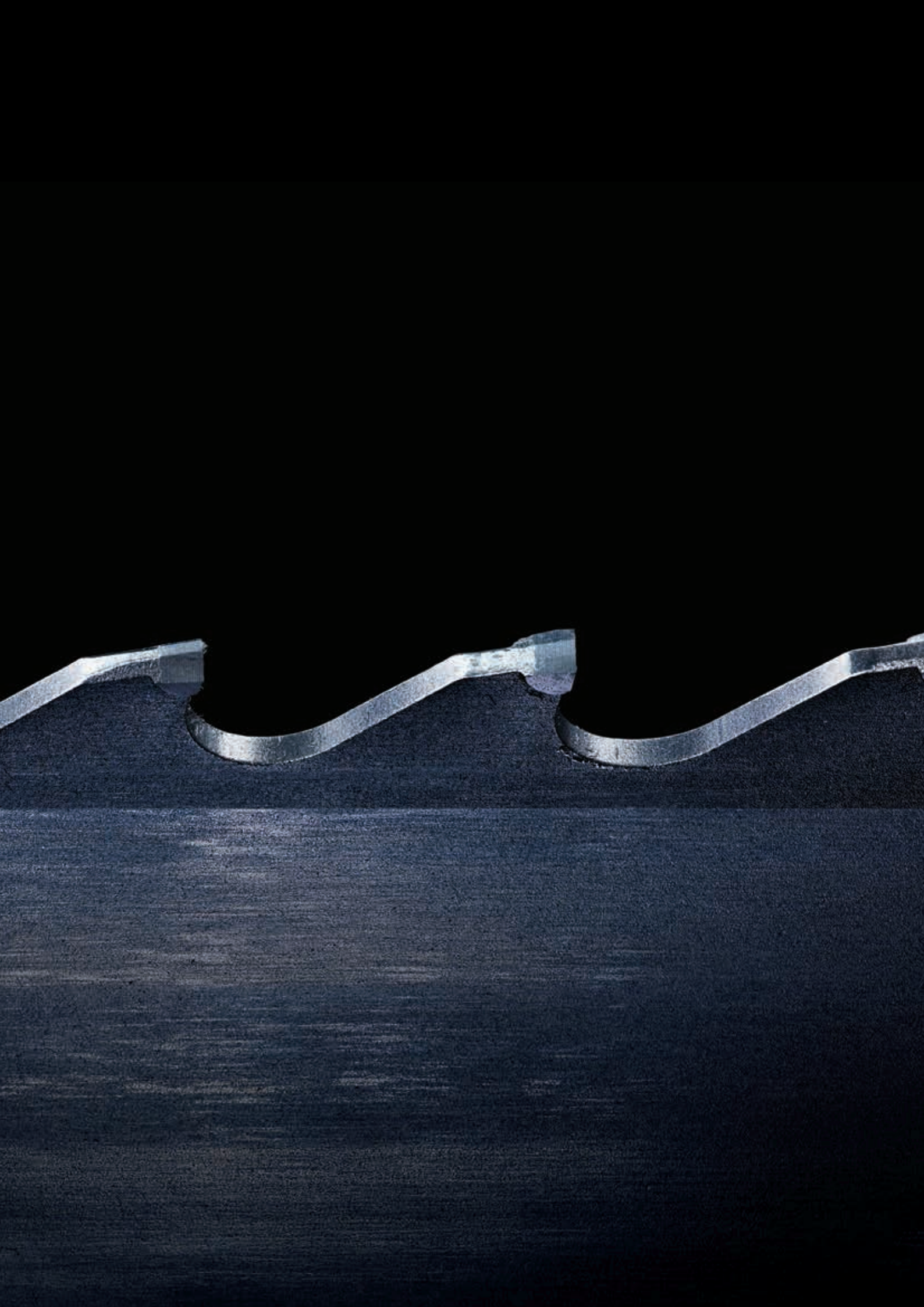


***BANDSAW***  
***BLADES***











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

**PRODUCT NAME LENGTH X WIDTH X THICKNESS TEETH PER INCH**

For Example: *ARMOR*<sup>®</sup> CT BLACK 6800mm x 34mm x 1.07mm x 2.5/3.4

**STEP #1: ANALYZE THE SAWING APPLICATION**

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

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

- Material Type/Grade
- Size
- Shape

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

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

Use the charts below.

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

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

Use the Carbide Tooth Selection chart on page 15.

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

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

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

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

HIGH PERFORMANCE									
ALUMINUM/ NON-FERROUS	CARBON STEELS	STRUCTURAL STEELS	ALLOY STEELS	BEARING STEELS	MOLD STEELS	STAINLESS STEELS	TOOL STEELS	TITANIUM ALLOYS	NICKEL-BASED ALLOYS (INCONEL <sup>®</sup> )
EASY ←		MACHINABILITY						→ DIFFICULT	
<i>ARMOR</i> <sup>®</sup> CT BLACK		<i>ARMOR</i> <sup>®</sup> CT BLACK Extreme Cutting Rates							
<i>LENOX MAX CT</i> <sup>™</sup>					<i>LENOX MAX CT</i> Maximum Performance on Aerospace Alloys				
<i>TRI-TECH CT</i> <sup>™</sup>			<i>TRI-TECH CT</i> Set Style Blade for Difficult to Cut Metals						
<i>VERSA PRO</i> <sup>™</sup>			<i>VERSA PRO</i> Versatile Carbide Tipped Blade for General Purpose Cutting						
<i>TRI-MASTER</i> <sup>®</sup>			<i>TRI-MASTER</i> Versatile Carbide Tipped Blade						

SPECIAL APPLICATION				
WOOD	COMPOSITES	ALUMINUM (INCLUDING ALUM. CASTINGS)	CASE HARDENED MATERIALS (INCLUDING IHCP CYLINDER SHAFTS)	OTHER (COMPOSITES, TIRES, ETC.)
EASY ←		MACHINABILITY		→ DIFFICULT
		<i>LENOX HRc</i> Carbide Tipped Blade for Case and Through-Hardened Materials		
<i>CAST MASTER</i> <sup>™</sup>	<i>CAST MASTER</i> <sup>™</sup> XL / XLE	Superior Performance When Sawing Castings		
<i>TRI-MASTER</i>				
<i>MASTER-GRIT</i> <sup>®</sup>		<i>MASTER-GRIT</i> Carbide Grit Edge Blade for Cutting Abrasive and Hardened Materials		

Note: We can provide solutions for many cutting applications not listed here. Please contact LENOX Technical Support or go to [sawcalc.com](http://sawcalc.com) for more information.

# CARBIDE TOOTH SELECTION

**VISIT SAWCALC.COM**  
FOR CUSTOMIZED BAND SAW RECOMMENDATIONS

## LENOX MAX CT • LENOX CAST MASTER XL • LENOX CAST MASTER XLE • LENOX VERSA PRO

WIDTH OR DIAMETER OF CUT														
INCHES	1	2	3	4	5	6	7	8	10	11	14	16	18	20+
MM	25	50	75	100	125	150	175	200	250	275	350	400	450	500+
											0.6/0.8			
										0.9/1.1				
									1.0/1.4					
						1.4/2.0								
		2/3												
		3/4												

## ARMOR CT BLACK

WIDTH OR DIAMETER OF CUT														
INCHES	1	2	3	4	5	6	7	8	10	11	14	16	18	20+
MM	25	50	75	100	125	150	175	200	250	275	350	400	450	500+
											0.9/1.1			
								1.4/1.6						
						1.8/2.0								
	2.5/3.4													

## TRI-TECH CT

WIDTH OR DIAMETER OF CUT														
INCHES	1	2	3	4	5	6	7	8	10	11	14	16	18	20+
MM	25	50	75	100	125	150	175	200	250	275	350	400	450	500+
											0.6/0.8			
										0.9/1.1				
								1.4/2.0						
						1.8/2.0								
	2.5/3.4													

## TRI-MASTER • LENOX HRc • CAST MASTER

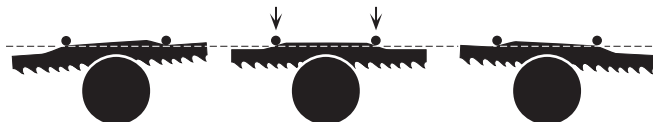
WIDTH OR DIAMETER OF CUT											
INCHES	1	2	3	4	5	6	7	8	10	11	
MM	25	50	75	100	125	150	175	200	250	275	
									2/3		
				3							
	3/4										

Note: Aluminum and other soft materials cut on machines with extremely high band speed may change your tooth selection. Please contact LENOX Technical Support or go to sawcalc.com for more information.

# WHAT IS WAVE TECH?

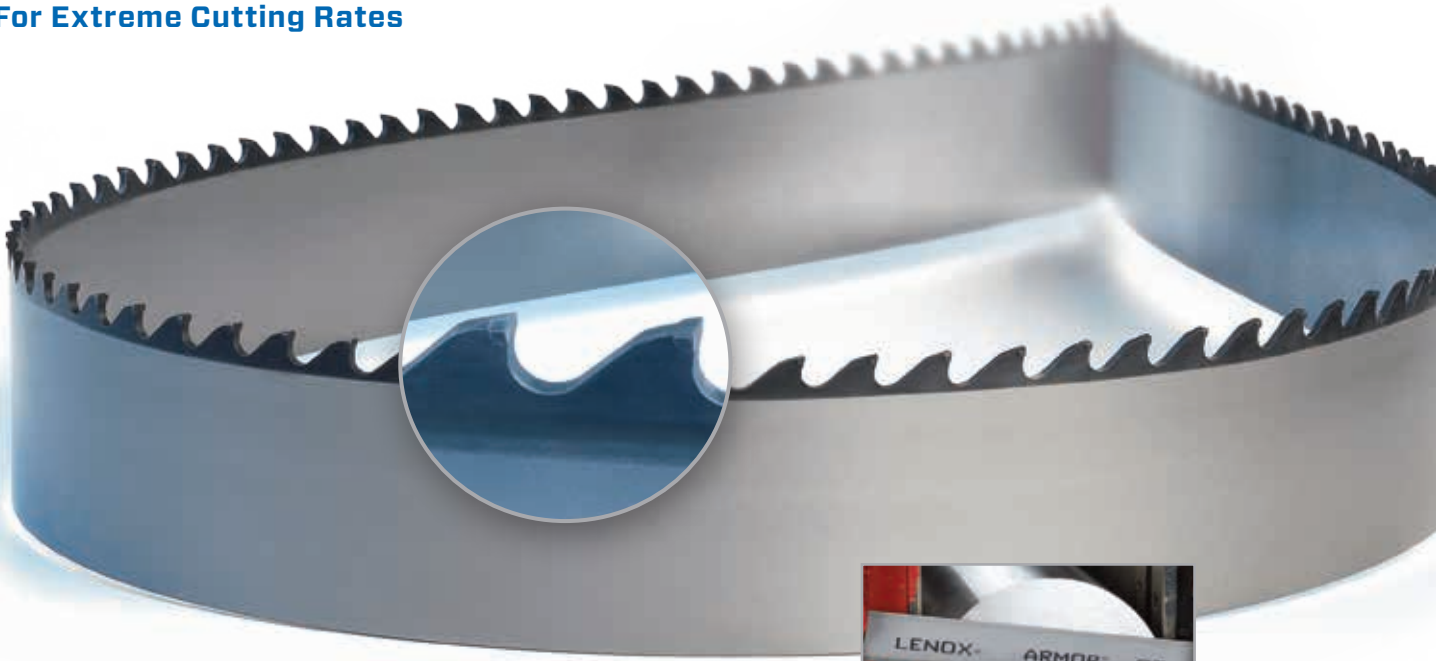


This enhanced mechanical design promotes more efficient tooth penetration and chip formation, easily cutting through the work hardened zone. The WAVE TECH symbol denotes any product that can utilize the WAVE TECH process. Consult your LENOX Technical Representative to determine if WAVE TECH will benefit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



## ARMOR® CT BLACK

For Extreme Cutting Rates



**ARMOR COATING PROVIDES FASTER CUTTING AND HIGHER PRODUCTIVITY**

Aluminum, Titanium and Nitrogen (AlTiN) combine to form a tough coating that protects each tooth from heat and wear with an armor-like barrier

**EXTENDS BLADE LIFE BY PREVENTING HEAT BUILD UP**

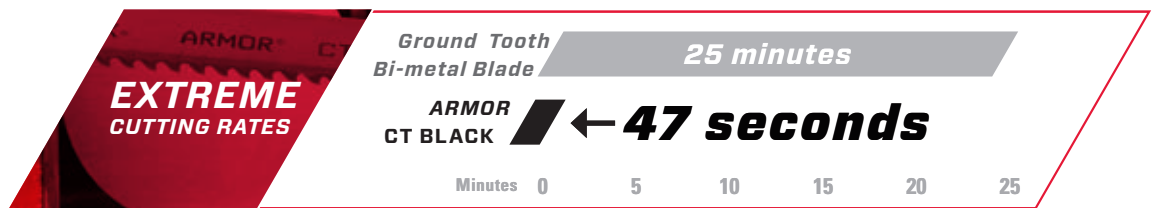
Improved, thicker coating now forces even more heat into the chips, instead of the blade or workpiece

**HIGH PERFORMANCE BACKING STEEL WITH EXCELLENT FATIGUE LIFE**

Optimized heat treat and backing steel preparation minimizes premature band breaks

**TAILORED TO CUT A WIDE RANGE OF METALS**

High quality, micro grained carbide



Material: 6-1/2" (165mm) Round 17-4 PH Stainless Steel. Based on internal test results.

WIDTH X THICKNESS		TPI			
IN	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			•	•
1-1/2 x .050	41 x 1.27		•	•	•
2 x .063	54 x 1.60	•	•	•	•
2-5/8 x .063	67 x 1.60	•	•		
3 x .063	80 x 1.60	•			

**APPLICATION**

- Carbon Steels
- Alloy Steels
- Bearing Steels
- Stainless Steels
- Mold Steels
- Tool Steels
- Titanium Alloys
- Structural Steels



# NEW

## LENOX MAX CT™

### Maximum Cutting Performance on Aerospace Alloys

#### EXCEPTIONAL BLADE LIFE

Multi-chip tooth pattern balances the chip load and reduces cutting forces

#### FASTER, STRAIGHTER CUTS

Optimized gullet geometry increases beam strength for straighter cuts

#### SUPERIOR PART FINISH

Precision ground carbides create razor sharp teeth for a mirror-like finish on cut parts

WIDTH X THICKNESS		TPI			
IN	MM	0.9/1.1	1.0/1.4	1.4/2.0	2/3
1-1/4 x .042	34 x 1.07				•
1-1/2 x .050	41 x 1.27			•	•
2 x .050	54 x 1.27			•	•
2 x .063	54 x 1.60	•	•	†	•
2-5/8 x .063	67 x 1.60	•	•	•	
3 x .063	80 x 1.60	•			

†= Extra wide kerf



## TRI-TECH CT™

### Set Style Carbide Blade for Difficult to Cut Metals

#### STRAIGHT CUTS. NO PINCHING.

Set style tooth pattern eliminates pinching in high stress metals

Wide kerf clearance enables plunge cutting

#### PROLONGED BLADE LIFE

High grade carbide tips are precision ground for efficient cutting

High performance backing steel minimizes body breakage

#### EXTREME VERSATILITY

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

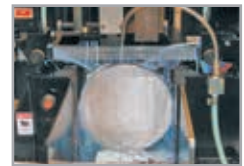
WIDTH X THICKNESS		TPI				
IN	MM	0.6/0.8	0.9/1.1	1.4/2.0	1.8/2.0	2.5/3.4
1-1/4 x .042	34 x 1.07				•	•
1-1/2 x .050	41 x 1.27			•	•	•
2 x .063	54 x 1.60		•	†	•	•
2-5/8 x .063	67 x 1.60		†	†		
3 x .063	80 x 1.60	•	•			

†= Extra heavy set available to prevent blade pinching



APPLICATION

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



APPLICATION

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





**NEW**

## VERSA PRO™

### Versatile Carbide Tipped Blade for General Purpose Cutting

#### LONG BLADE LIFE IN A VARIETY OF METALS

Proprietary grade of tungsten carbide tips with increased toughness retain a sharp cutting edge

#### EASY TO RUN WITH NO BREAK IN\*

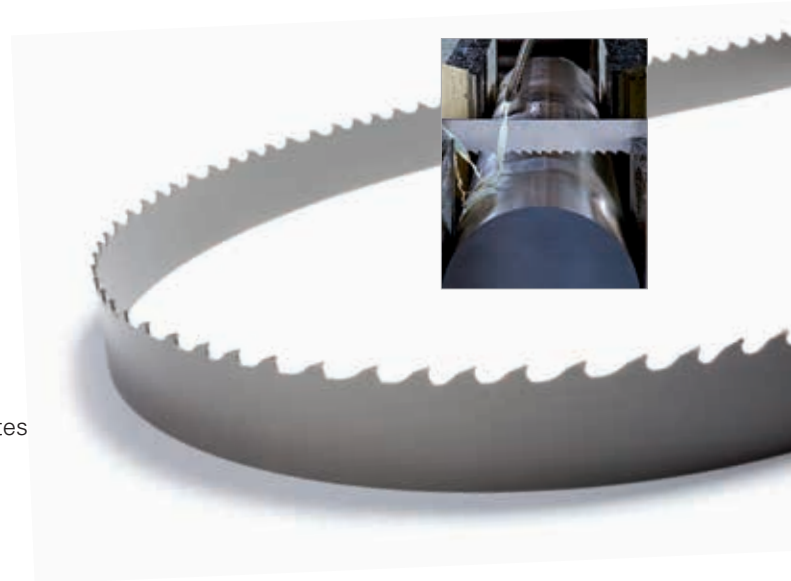
Pre-honed cutting edge minimizes tooth chipping and eliminates the need to break-in the blade

#### OUTSTANDING PART FINISH

Precision ground carbide tips have clean, sharp edges that deliver smoother parts

\* Break-in recommended for pieces larger than 10" (254mm)

WIDTH X THICKNESS		TPI				
IN	MM	0.9/1.1	1.0/1.4	1.4/2.0	2/3	3/4
1-1/4 x .042	34 x 1.07			•	•	•
1-1/2 x .050	41 x 1.27			•	•	
2 x .063	54 x 1.60	•	•	•	•	
2-5/8 x .063	67 x 1.60	•	•	•		
3 x .063	80 x 1.60	•				



APPLICATION

Aluminum / Non-Ferrous  
Carbon Steels  
Bearing Steels  
Mold Steels  
Alloy Steels

Tool Steels  
Stainless Steels  
Titanium Alloys  
Nickel-based Alloys



## TRI-MASTER®

### Versatile Carbide Tipped Blade

#### PRECISION TRIPLE CHIP GRIND

Smooth cuts, excellent finish

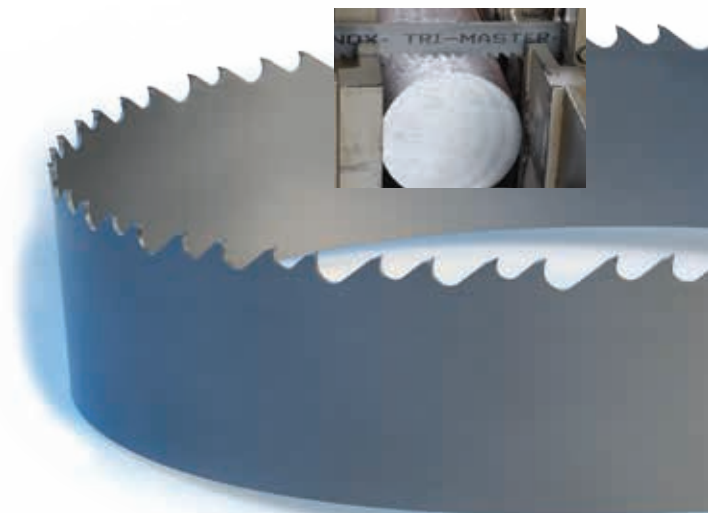
#### HIGH PERFORMANCE BACKING STEEL

Excellent fatigue life

#### GENERAL PURPOSE BLADE

Perfect for cutting of a wide variety of materials

WIDTH X THICKNESS		TPI		
IN	MM	2/3	3/4	3
3/8 x .032	9.5 x 0.80			•
1/2 x .025	12.7 x 0.64			•
3/4 x .035	19 x 0.90			•
1 x .035	27 x 0.90	•	•	•
1-1/4 x .042	34 x 1.07	•	•	•
1-1/2 x .050	41 x 1.27	•	•	



APPLICATION

Aluminum/  
Non-Ferrous  
Carbon Steels  
Alloy Steels  
Bearing Steels  
Stainless Steels

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



# CAST MASTER™

## Superior Performance When Sawing Castings

### EXCEPTIONAL BLADE LIFE IN HAND FED FOUNDRY APPLICATIONS

Sub-micron grade carbide designed for cutting aluminum and non-ferrous parts

Precision grind on the rake face prevents material build up on the tooth edge

### CUTS PARTS FREELY WITH LIMITED FEED PRESSURE

Optimized rake angle and narrow kerf enable high speed cutting without pulling the part

Multi-chip tooth design reduces cutting forces and limits vibration

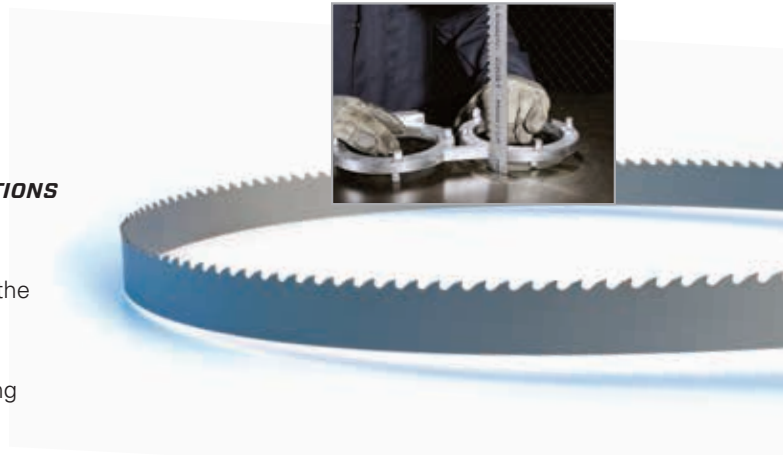
### HIGH ALLOY BACKING STEEL INCREASES FATIGUE LIFE

Advanced backing steel preparation minimizes band breaks

WIDTH X THICKNESS		TPI		
IN	MM	2/3	3	3/4
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	•		

• Multi-chip Design

\* Set Style (Cast Master SST)



### APPLICATION

Aluminum/ Non-Ferrous Castings	Wood Composites
Gates & Risers	



# CAST MASTER™ XL

## Superior Performance in High Speed Aluminum Cutting Applications

### LONG BLADE LIFE AT HIGH BAND SPEEDS

Special grade of carbide is designed to wear slowly when cutting aluminum

Multi-chip tooth pattern balances the chip load and reduces cutting forces

Next generation welding technology reduces premature tooth loss

Exceptional Part Finish at Increased

### CUTTING RATES

Precision grind prevents material build up on the tooth edge

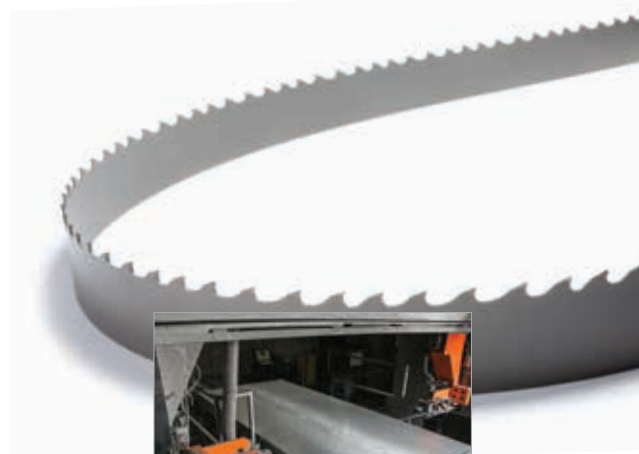
Teeth have sharp edges and high rake angles to penetrate easily and leave a smooth finish

### STRAIGHT CUTS IN LARGE BLOCK APPLICATIONS

High alloy backing steel and fatigue resistant gullet geometry minimize the impact of wide guide spacing

WIDTH x THICKNESS		TPI			
IN	MM	0.6/0.8	0.9/1.1	1.4/2.0	2/3
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	•	•		

\* CAST MASTER XLE - Spec designed for automated cutting of engine blocks



### APPLICATION

Aluminum / Non-Ferrous Castings
Engine Blocks
Gates & Risers



## LENOX HRC®

### Carbide Tipped Blade for Case and Through-Hardened Materials

**HIGH QUALITY, MICRO-GRAINED CARBIDE**

Outstanding durability

**STRONG TOOTH DESIGN**

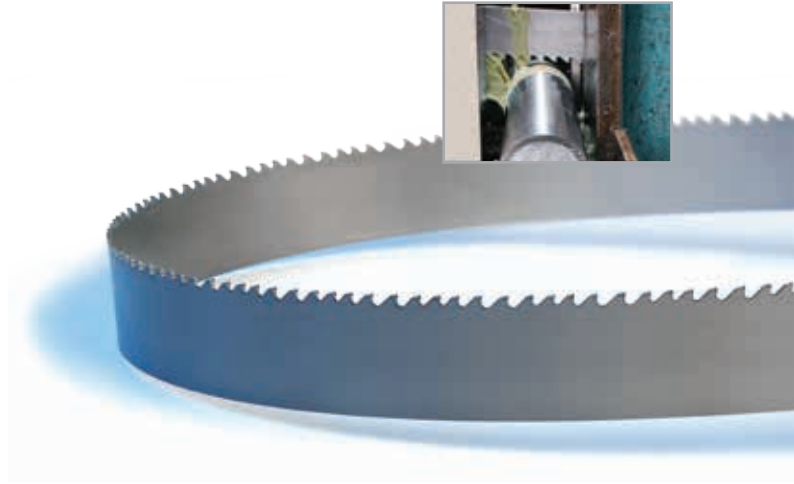
Superior edge strength and strip resistance

**NEW HIGH PERFORMANCE BACKING STEEL**

Excellent fatigue life

**REPLACES ABRASIVE CUT OFF OPERATIONS**

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



**APPLICATION**

Carbon Steels  
Stainless Steels  
Case Hardened Materials



## MASTER-GRIT®

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

**TUNGSTEN CARBIDE PARTICLE GRIT**

Metallurgically bonded edge

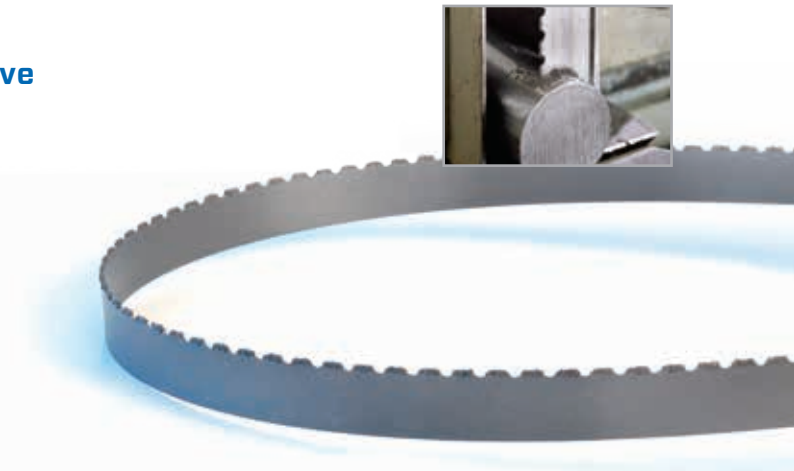
**GULLETED**

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

**CONTINUOUS**

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

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



**APPLICATION**

Case Hardened Materials

Other:  
Fiberglass,  
Steel Belted  
Radial Tires,  
Composites



# CARBIDE SPEED CHART

**VISIT SAWCALC.COM**  
FOR CUSTOMIZED BAND SAW RECOMMENDATIONS

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

FPM = Feet Per Minute | MPM = Meters Per Minute \*For metal cutting saws run between 275 and 350 FPM. \*\*Typically for hardened and case hardened carbon steels up to G1 Rc.







## ***BI-METAL BAND SAW BLADES***

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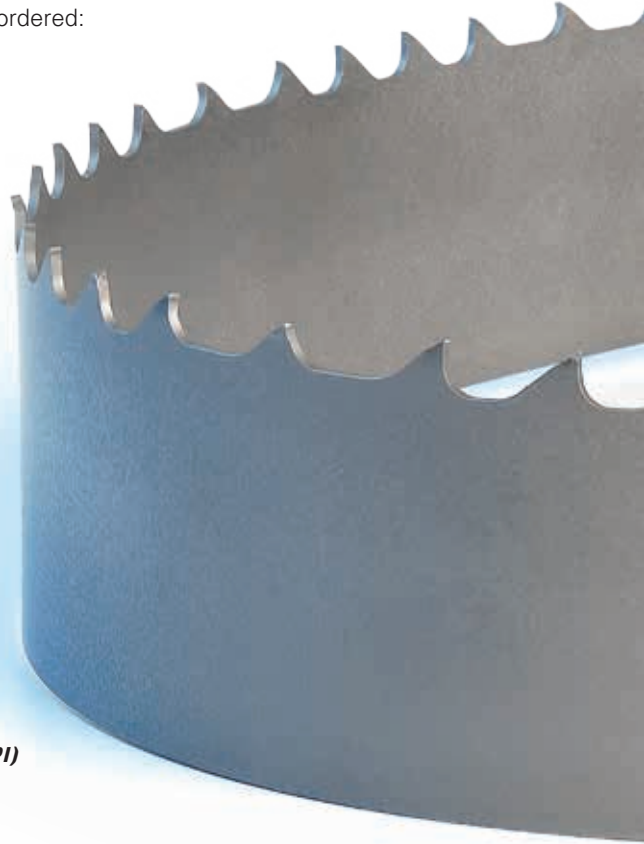


## SELECTING BI-METAL BAND SAW BLADES

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

**PRODUCT NAME LENGTH X WIDTH X THICKNESS TEETH PER INCH**

For Example: *Contestor GT*® 6800mm x 34mm x 1.07mm x 3/4 TPI



### STEP #1: ANALYZE THE SAWING APPLICATION

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

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

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

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

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

Use the charts below.

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

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

- Use the Bi-metal Tooth Selection chart on page 25.

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

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

#### PRODUCTION SAWING

ALUMINUM NON-FERROUS	CARBON STEELS	STRUCTURAL STEELS	ALLOY STEELS	BEARING STEELS	MOLD STEELS	TOOL STEELS	STAINLESS STEELS	TITANIUM ALLOYS	NICKEL-BASED ALLOYS (INCONEL®)	
EASY ←			MACHINABILITY				→ DIFFICULT			
<i>Qxp</i> ™		<i>Qxp</i> Long Life. Fast Cutting								
						<i>CONTESTOR GT</i> ® & <i>CONTESTOR XL</i> ™ Long Life. Straight Cuts				
		<i>ARMOR</i> ® <i>Rx</i> ®+ Long Life. Structurals/Bundles								
		<i>LENOX Rx</i> ®+ Structurals/Bundles								
<i>CLASSIC PRO</i> ™ Long Life. Extremely Versatile				<i>CLASSIC PRO</i>						

#### GENERAL PURPOSE

<i>LENOX CLASSIC</i> ® 19mm and Wider Blades			<i>LENOX CLASSIC</i>		
<i>DIEMASTER 2</i> ® 12.7mm and Narrower Blades			<i>DIEMASTER 2</i>		

Note: We can provide solutions for many cutting applications not listed here.


Please contact LENOX Technical support or go to [sawcalc.com](http://sawcalc.com) for more information

# BI-METAL TOOTH SELECTION

**VISIT SAWCALC.COM**  
FOR CUSTOMIZED BAND SAW RECOMMENDATIONS


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

**SQUARE/RECTANGLE SOLID** Locate width of cut (W)



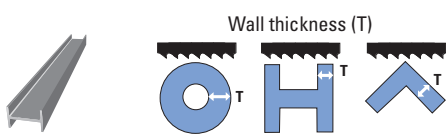
		WIDTH OF CUT																			
<b>IN</b>	.1	.2	.3	.4	.5	.6	.7	.8	.9	1	2	5	10	15	20	25	30	35	40	45	50
<b>MM</b>	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	50	125	250	375	500	625	750	875	1000	1125	1250
<b>TPI</b>	14/18	10/14	8/12	6/10	6/8	5/8	4/6	3/4	2/3	1.5/2.0	1.4/2.0	1.0/1.3	0.7/1.0								

**ROUND SOLID** Locate diameter of cut (D)



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

**TUBING/PIPE/ STRUCTURALS** Locate wall thickness (T)



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

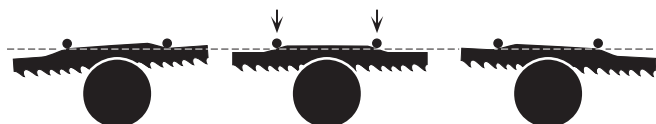
**BUNDLED/STACKED MATERIALS:**

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

## WHAT IS WAVE TECH?



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





## QXP™

### Long Blade Life At High Cutting Rates

#### LONG LIFE. FAST CUTTING

Solids of mild to moderate machinability

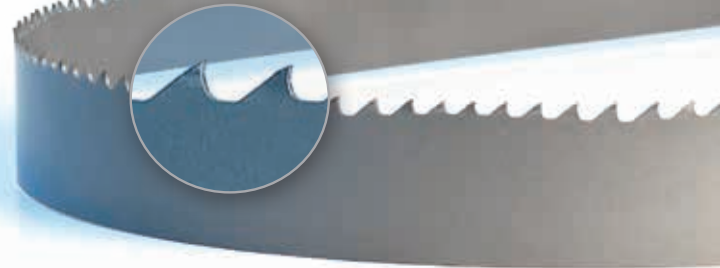
Proprietary backing steel preparation provides increased fatigue life

#### PENETRATES WITH LESS FEED FORCE

Extreme positive rake tooth form

#### INCREASED CUTTING RATES

Deep gullet design



WIDTH X THICKNESS		TPI					
IN	MM	1.0/1.3	1.5/2.0	2/3	3/4	4/6	5/8
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	♦					

♦ LENOX LXP<sup>®</sup> spec



APPLICATION

Aluminum/  
Non-Ferrous  
Carbon Steels  
Alloy Steels

Bearing Steels  
Mold Steels  
Stainless Steels  
Tool Steels



## CLASSIC PRO™

### The Ultimate Multi-Purpose Blade for Production Cutting

#### EXCEPTIONAL BLADE LIFE

Proprietary backing steel preparation increases fatigue life  
Robust M42 high speed steel edge provides superior heat and wear resistance

#### EXTREMELY VERSATILE

Cuts a wide range of metals from low carbon steels to higher strength alloys  
Advanced design enables production cutting of solids and structurals  
Positive rake angle improves tooth penetration on saws with limited feed force

#### CONSISTENT PERFORMANCE CUT AFTER CUT

Unique tooth geometry and set minimizes noise and vibration from the first cut



WIDTH X THICKNESS		TPI				
IN	MM	1.4/2.0	2/3	3/4	4/6	5/8
1 x .035	27 x 0.90		♦	♦	♦	♦
1-1/4 x .042	34 x 1.07	♦	♦	♦	♦	♦
1-1/2 x .050	41 x 1.27	♦	♦	♦†	♦	♦
2 x .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



APPLICATION

Carbon steels  
Light alloy steels  
Mold steels  
Tool steels  
Stainless steels



## CONTESTOR GT®

### High Performance Sawing

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

Unique gullet design for increased beam strength

#### OPTIMUM CHIP FORMATION IN WORK HARDENING ALLOYS

Precision ground teeth—smoother tooth face and gullet surfaces  
Patented special set and tooth profile

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

Increased heat and wear resistance  
Available as listed below



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

● = Milled tooth  
◆ = Ground tooth



APPLICATION

Mold Steels  
Stainless Steels  
Tool Steels

Titanium Alloys  
Nickel-Based Alloys (Inconel®)



## CONTESTOR XL™

### High Performance Sawing of Large, Difficult to Cut Metals

#### INCREASED WEAR RESISTANCE DELIVERS LONGER BLADE LIFE

New HSS edge wire increases tooth hardness for better abrasive wear resistance

Patent pending chip controlling design reduces heat and wear

#### IMPROVED CHIP FORMATION HELPS PENETRATE DIFFICULT TO CUT METALS

Variable tooth heights and multi-level set creates deeper, narrower chips  
High rake angles reduce cutting forces

#### OPTIMIZED DESIGN FOR STRAIGHTER CUTS ON LARGE BLOCKS

Shallow gullet construction increases beam strength



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



APPLICATION

Mold Steels  
Stainless Steels  
Tool Steels

Titanium Alloys  
Nickel-Based Alloys (Inconel®)



## ARMOR RX®+

### Engineered for Long Life

#### ALTiN COATING FOR PRODUCTIVITY AND LONG BLADE LIFE

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

#### UNIQUE, PATENTED TOOTH PROFILE

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

Minimized harmonics and vibrations

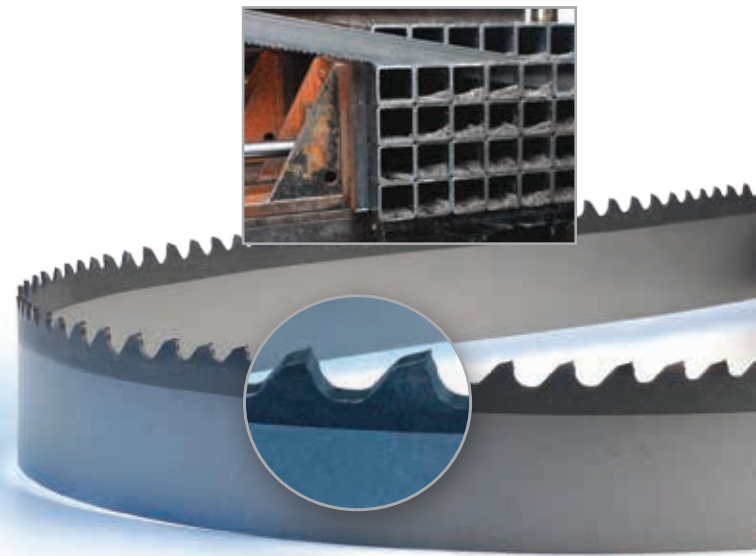
Quiet cutting

#### HIGH PERFORMANCE BACKING STEEL

For longer fatigue life

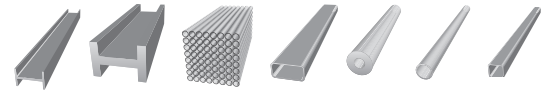
WIDTH X THICKNESS		TPI		
IN	MM	2/3	3/4	4/6
1-1/4 x .042	34 x 1.07		♦ †	♦
1-1/2 x .050	41 x 1.27	♦	♦ †	♦ †
2 x .063	54 x 1.60	♦	♦ †	

† = Extra heavy set available to prevent blade pinching



APPLICATION

Carbon Steels  
Structural Steels



## LENOX RX®+

### Engineered to Cut structurals, Tubing and Bundles

#### LONG BLADE LIFE AND EXTREME DURABILITY

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

#### QUIET CUTTING, REDUCED VIBRATION

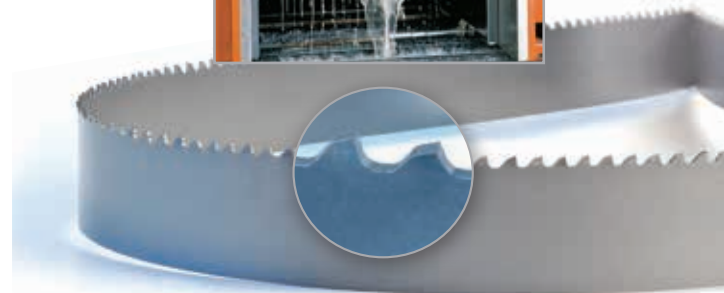
Optimized tooth pitch/set sequence

WIDTH X THICKNESS		TPI						
IN	MM	2/3	3/4	4/6	5/7	5/8	6/10	10/14
5/8 x .032	16 x 0.80							*
3/4 x .035	19 x 0.90			♦		♦	♦	♦
1 x .035	27 x 0.90	♦	♦	♦	♦	♦	♦	♦
1-1/4 x .042	34 x 1.07	♦ †	♦ †	♦ †		♦		
1-1/2 x .050	41 x 1.27	♦ †	♦ †	♦ †		♦		
2 x .050	54 x 1.27	♦	♦ †	♦		♦		
2 x .063	54 x 1.60	♦ †	♦ †	♦				
2-5/8 x .063	67 x 1.60	♦ †	♦ †	♦				

\*= Matrix edge

†= Extra heavy set available to prevent blade pinching

♦= NEW Specs designed for pull down, semi-automatic and gravity fed sawing applications



APPLICATION

Carbon Steels  
Structural Steels



# LENOX CLASSIC®

## The Ultimate Multi-Purpose Blade

DESIGNED FOR LONG LIFE IN GENERAL PURPOSE

### CUTTING APPLICATIONS

Patented *TUFF TOOTH™* design reduces tooth strippage



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



WIDTH X THICKNESS		TOOTH FORM								
		TUFF TOOTH™ TPI		VARI-TOOTH™ TPI				WAVY TPI		HOOK TPI
IN	MM	4/6	6/8	5/8	6/10	8/12	10/14	14	18	3
3/4 x .035	19 x 0.90	◆	◆	◆	◆	◆	◆	◆	◆	◆
1 x .035	27 x 0.90	◆	◆	◆	◆	◆	◆		◆	
1-1/4 x .042	34 x 1.07	◆	◆	◆	◆	◆				

APPLICATION

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



# DIEMASTER 2®

## Engineered for Contour Cutting

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

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

### LONGER BLADE LIFE

Lasts 10 times longer than carbon blades

### FOR GENERAL PURPOSE HAND-FED APPLICATIONS

Tool and die shops, machine shops, maintenance facilities



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

APPLICATION

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



\* = Matrix edge



# BI-METAL SPEED CHART

**VISIT SAWCALC.COM**  
FOR CUSTOMIZED BAND SAW RECOMMENDATIONS

	MATERIALS		BAND SPEED	
	TYPE	GRADE	FEET/ MIN	METER/ MIN
<b>ALUMINUM / NON-FERROUS</b>	Aluminum Alloys	2024, 5052, 6061, 7075	300+	85+
	Copper Alloys	CDA 220	210	65
		CDA 360	295	90
		Cu Ni (30%)	200	60
		Be Cu	160	50
Bronze Alloys	AMPCO 18	180	55	
	AMPCO 21	160	50	
	AMPCO 25	110	35	
	Leaded Tin Bronze	290	90	
	Al Bronze 865	150	45	
	Mn Bronze	215	65	
Brass Alloys	932	280	85	
	937	250	75	
	Cartridge Brass, Red Brass (85%)	220	65	
	Naval Brass	200	60	
<b>CARBON STEELS</b>	Leaded, Free Machining Low Carbon Steels	1145	270	80
		1215	325	100
		12L14	350	105
	Low Carbon Steels	1008, 1018	270	80
		1030	250	75
	Medium Carbon Steels	1035	240	75
		1045	230	70
High Carbon Steels	1060	200	60	
	1080	195	60	
	1095	185	55	
<b>STRUCTURAL STEEL</b>	Structural Steel	A36	250	75
<b>ALLOY STEEL</b>	Mn Steels	1541	200	60
		1524	170	50
	Cr-Mo Steels	4140	225	70
		41L50	235	70
		4150H	200	60
	Cr Alloy Steels	6150	190	60
		5160	195	60
Ni-Cr-Mo Steels	4340	195	60	
	8620	215	65	
	8640	185	55	
	E9310	160	50	
<b>BEARING STEEL</b>	Cr Alloy Steels	52100	160	50
<b>MOLD STEEL</b>	Mold Steels	P-3	180	55
		P-20	165	50
<b>STAINLESS STEEL</b>	Stainless Steels	304	115	35
		316	90	25
		410, 420	135	40
		440A	80	25
		440C	70	20
Precipitation Hardening Stainless Steels	17-4 PH	70	20	
	15-5 PH	70	20	
Free Machining Stainless Steels	420F	150	45	
	301	125	40	
<b>TOOL STEEL</b>	Low Alloy Tool Steel	L-6	145	45
	Water-Hardening Tool Steel	W-1	145	45
	Cold-Work Tool Steel	D-2	90	25
	Air-Hardening Tool Steels	A-2	150	45
		A-6	135	40
		A-10	100	30
	Hot Work Tool Steels	H-13	140	40
		H-25	90	25
	Oil-Hardening Tool Steels	O-1	140	40
		O-2	135	40
	High Speed Tool Steels	M-2, M-10	105	30
M-4, M-42		95	30	
T-1		90	25	
T-15		60	20	
Shock Resistant Tool Steels	S-1	140	40	
	S-5, S-7	125	40	
<b>TITANIUM ALLOY</b>	Titanium Alloys	CP Titanium	85	25
		Ti-6Al-4V	65	20
<b>NICKEL BASED ALLOY</b>	Nickel Alloys	Monel® K-500	70	20
		Duranickel 301	55	15
	Iron-Based Super Alloys	A286, Incoloy® 825	80	25
		Incoloy® 600	55	15
		Pyromet X-15	70	20
	Nickel-Based Alloys	Inconel® 600, Inconel® 718,	60	20
Nimonic 90, NI-SPAN-C 902, RENE 41		60	20	
Inconel® 625		80	25	
Hastalloy B, Waspalloy		55	15	
Nimonic 75, RENE 88		50	15	
<b>OTHER</b>	Cast Irons	A536 (60-40-18)	225	70
A536 (120-90-02)		110	35	
A48 (Class 20)		160	50	
A48 (Class 40)		115	35	
A48 (Class 60)		95	30	

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

### ADJUST BAND SPEED FOR DIFFERENT SIZED MATERIALS

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

### ADJUST BAND SPEED FOR DIFFERENT FLUID TYPES

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

### ADJUST BAND SPEED FOR HEAT TREATED MATERIALS

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

*Reduce band speed 50% when sawing with carbon blades*

## BLADE BREAK-IN

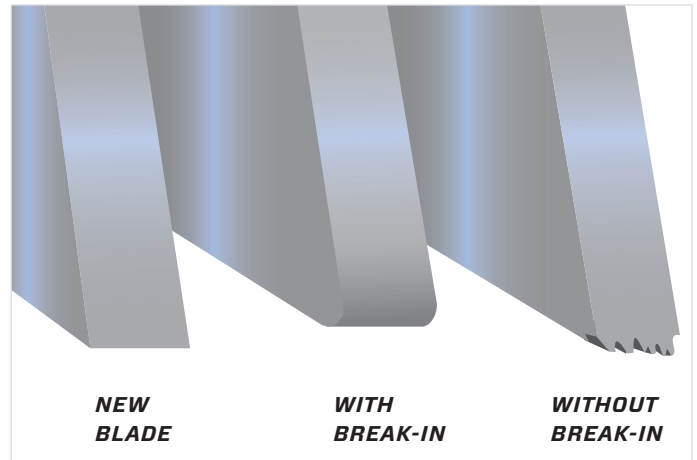
### Getting Long Life from a New Band Saw Blade

#### **WHAT IS BLADE BREAK-IN?**

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

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

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



#### **HOW TO BREAK IN A BLADE**

Select the proper band speed for the material to be cut (see chart on page 32)

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

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

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

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

**FOR FURTHER ASSISTANCE WITH BREAK-IN PROCEDURES,  
CONTACT LENOX TECHNICAL SUPPORT**



# ***CARBON*** ***BAND SAW BLADES***

<i>NEO-TYPE®</i> & Flex Back.....	61
#32 Wood & Friction Band .....	62

## NEO-TYPE®

### Hard Back Carbon Steel Blade

#### STRAIGHTER, EASIER CUT

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

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

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

Perfect for utility cutting of a wide variety of materials

WIDTH X THICKNESS		TOOTH FORM								
		STANDARD						HOOK		
		RAKER SET TPI			WAVY TPI			RAKER SET TPI		
IN	MM	6	8	10	14	18	24	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	♦	♦	♦	♦	♦	♦		♦	
5/8 x .032	16 x 0.80			♦	♦					
3/4 x .035	19 x 0.90	♦	♦	♦	♦	♦		♦	♦	
1 x .035	25.4 x 0.90	♦	♦	♦	♦			♦		



#### APPLICATION

Aluminum	Carbon
Brass	Graphite
Bronze	Plastics
Copper	Mild Steels
Fiberglass	

## FLEX BACK

### Carbon Steel Blade

#### EXCELLENT FATIGUE LIFE

Designed to cut a wide variety of materials

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

#### DESIGNED FOR USE ON VERTICAL CONTOUR SAWS

Perfect for utility cutting of a wide variety of materials

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



#### APPLICATION

Aluminum	Carbon
Brass	Graphite
Bronze	Plastics
Copper	Wood
Fiberglass	



## #32 WOOD

### Specialized Woodworking Applications

**STRAIGHTER, EASIER CUTTING**

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

**DESIGNED FOR CONTOUR CUTTING OF WOOD**

Perfect for furniture manufacturing operations

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



WIDTH X THICKNESS		TOOTH FORM					
		RAKER SET TPI			ALTERNATE TPI		
IN	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	◆	◆	◆		◆	

APPLICATION

Wood

## FRICITION BAND

### Friction Cutting Operations

**FAST CUTTING**

Special set design for increased frictional heat

**LONG LASTING**

Special silicon carbon steel provides extended fatigue life

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



WIDTH X THICKNESS		TOOTH FORM
		STANDARD LENOX SET TPI
IN	MM	10
1 x .035	25.4 x 0.90	◆

APPLICATION

Ferrous metals

# ***SAWING AND METAL WORKING FLUIDS AND TOOLS***

<i>BAND-ADE</i> <sup>®</sup> & <i>SAW MASTER</i> <sup>™</sup> .....	64
Machine Cleaner & LUBE TUBE .....	65
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## **BAND-ADE®**

### **Semi-Synthetic Sawing Fluid**

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

#### **EXTENDS BLADE LIFE**

Increased lubrication aids in chip formation and evacuation

#### **EXCEPTIONAL COOLING**

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

#### **INCREASES PRODUCTIVITY**

Faster cutting and reduced machine wear increases efficiency

#### **ENVIRONMENTALLY FRIENDLY**

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

#### **SURFACES CAN BE WELDED AND PAINTED OVER**



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988851	5 liter	case of 2
1988852	25 liter	—
1988853	200 liter drum	—

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

RATIO	REFRACTOMETER
10:1 (10%)	3.5
15:1 (6.7%)	2.6
20:1 (5%)	1.7

## **SAW MASTER™**

### **Synthetic Sawing Fluid**

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

#### **LONGER BLADE LIFE. FASTER CUTTING.**

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

#### **REJECTS MOST TRAMP OILS**

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

#### **EXCELLENT SUMP LIFE**

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

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

Eliminates filtration problems and residue

#### **SURFACES CAN BE WELDED AND PAINTED OVER**

#### **LOW TO NON-FOAMING**



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988854	5 liter	case of 2
1988855	25 liter	—
1988856	200 liter drum	—

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

RATIO	REFRACTOMETER
5:1 (20%)	6.4
10:1 (10%)	3.2
15:1 (6.7%)	2.4
20:1 (5%)	1.6

## MACHINE CLEANER

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

**CLEANS THE MACHINE BETWEEN CHARGES**

Eliminates bacteria and fungi

**EXTENDS THE LIFE OF THE SAWING FLUID**

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

**PREVENTS CONTAMINATION WHEN CONVERTING FLUIDS**



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988857	5 litre	case of 2

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

## LUBE TUBE

### Manually Applied Lubricant Stick

**EXTREME PRESSURE LUBRICANT**

Prevents the build-up of frictional heat

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

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

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

**BIODEGRADABLE, NON-TOXIC AND NON-STAINING**



PROD NO	CONTAINER SIZE		TUBES PER CASE
	OUNCES	GRAMS	
68020LNx	14.5	411.1	12



## MICRONIZER®

### Precision Lubricant Applicator

**DESIGNED TO DELIVER A SMALL AMOUNT OF LUBRICANT**  
Aids in tooth penetration and chip formation, reducing heat and improving tool life

**PRECISE FLUID PUMP AND AIR PRESSURE CONTROLS**  
Ensures the correct amount of lubricant is applied to the tool

**A VARIETY OF NOZZLES ARE AVAILABLE**  
The LENOX Saw Nozzle is recommended for most sawing applications, and is standard on the one line unit (product no 68090)

**RECOMMENDED FOR PRODUCTION SAWING OPERATIONS**  
For larger band saw machines using 1-1/4" (34mm) and wider blades



PROD NO	DESCRIPTION
68090	1 Line Unit w/LENOX Saw Nozzle, 32 oz. (.95 liter) reservoir and manual on/off switch
1770277	1 Line Unit w/Copper Nozzle, 32 oz. (.95 liter) reservoir and manual on/off switch

## MICRONIZER, JR.

### Lubricant Applicator

**PORTABLE DESIGN FOR USE ON MANY APPLICATIONS**  
Strong mounting magnets hold unit in place, but allow it to be moved to different machines

**FOR SMALLER BAND SAW MACHINES & OTHER MACHINE TOOLS**  
A clean, economical method of providing lubrication

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

**SEVERAL NOZZLE STYLES AVAILABLE**



PROD NO	DESCRIPTION
68260	7 oz (200ml) Unit with copper nozzle, Shut-off valve and 6' (1.8m) of 1/4" (6mm) tubing
68160	7 oz (200ml) Unit with copper nozzle, Shut-off valve and 6' (1.8m) of 1/8" (3mm) tubing
68158	7 oz (200ml) Unit with flex nozzle, Shut-off valve and 6' (1.8m) of 1/8" (3mm) tubing
68161	37 oz (1.1 liter) Unit with copper nozzle, Shut-off valve and 6' (1.8m) of 1/4" (6mm) tubing
68159	37 oz (1.1 liter) Unit with flex nozzle, Shut-off valve and 6' (1.8m) of 1/4" (6mm) tubing

## LENOX LUBE®

### Clean, Synthetic Lubricant for Spray Applications

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

#### **EXTENDS TOOL LIFE**

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

#### **CLEAN AND ENVIRONMENTALLY FRIENDLY**

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

#### **REDUCES COSTS**

No disposal costs and uses only ounces per day

#### **OPTIMUM PERFORMANCE ON FERROUS METALS**

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

#### **SURFACES CAN BE WELDED AND PAINTED OVER**



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988858	5 liter	case of 2
1988859	25 liter	—
1988860	200 liter drum	—

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

## C/AI LUBE

### High Lubricity Formulation for Spray Applications

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

#### **WORKS EFFECTIVELY ON ALL TYPES OF MATERIALS**

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

#### **INCREASED PRODUCTIVITY**

Enhances lubrication for higher cutting speeds and feed rates

#### **EXTENDS TOOL LIFE**

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

#### **CONTROL COSTS**

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



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988861	5 liter	case of 2
1988862	25 liter	—
1988863	200 liter drum	—

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

## LENOX PROTOOL LUBE®

### Extends Tool Life

**A UNIQUE SYNTHETIC EMULSION DESIGNED TO INCREASE TOOL LIFE**  
For cutting, milling, reaming, tapping and drilling metal, wood and plastics

**SHORTENS CUTTING TIME BY UP TO 50%**

Provides smoother, cleaner cutting and dramatically longer blade life

**REDUCES HEAT AND FRICTION**

Water-soluble so it cleans up with water

**BIODEGRADABLE AND NON-TOXIC**

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



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988867	200 ml	case of 12
1988868	5 liter	case of 2

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

## ANTI-SPATTER

### Wipe Away Welding Spatter

**REDUCE SECONDARY PROCESSING STEPS**

Provides lubrication so spatter easily wipes away

**SAFE TO USE**

Non-toxic, non-explosive, non-combustible, and non-carcinogenic.

No silicone or chlorine. No CFCs.

**PROTECTS JIGS AND FIXTURES**

**IMPROVES WELD JOINTS**

**SURFACES CAN BE WELDED AND PAINTED OVER**



PROD NO	CONTAINER SIZE (LITER)	CONTAINERS PER CASE
1988864	1 liter	case of 6
1988865	5 liter	case of 2
1988866	25 liter	—

# FLUID REFERENCE CHART

## Properties and Applications

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

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

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

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

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



## TACHOMETER

### Accurate Band Speed Measurement

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



PROD NO	DESCRIPTION
62139	Tachometer

## TENSION METER

### Measures Band Tension

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



PROD NO	DESCRIPTION
62126	Tension Meter

## BLADE ALIGNMENT GAUGE

### For Straight Cutting

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



PROD NO	DESCRIPTION
62125	Blade Alignment Gauge

## TRAVERSE MASTER®

### Measures and Reports Feed Rate

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



PROD NO	DESCRIPTION
62140	Traverse Master
62141*	Traverse Master

\*(includes international plug adaptor)

## REFRACTOMETER

### Measures Sawing Fluid Concentration

#### IMPROVE FLUID EFFECTIVENESS

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

#### EASY TO USE AND CALIBRATE

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



PROD NO	DESCRIPTION
68012	Refractometer

**SAWCALC®**

## Cut Smart with SAWCALC - Web-Enabled Solution for Your Cutting Challenges

### **CUSTOMISED, ACCURATE RECOMMENDATIONS TO OPTIMISE BLADE LIFE**

Identify the right LENOX blade for the job

Determine the correct parameters to satisfy your cutting goals

### **HIGHLY TECHNICAL, ENGINEERED SOLUTIONS**

Built-in intelligence based on years of engineering experience

Over 35,000 metals and 9,000 band saws inside the program

### **FREE, EASY TO USE AND ALWAYS UPDATED**

SAWCALC is updated regularly to include the latest machines, metals, and LENOX products

**VISIT SAWCALC.COM  
TO GET YOUR RECOMMENDATION TODAY!**



### **THE LENOX GUARANTEE**

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

### **GENERAL SAFETY TIPS**

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

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

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

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