



## BAND SAW BLADES

### CAUTION

Care should be used when removing and uncoiling the blades in this container. Rapid uncoiling can cause injury. Always wear gloves, safety glasses and take other suitable precautions when coiling, uncoiling and working around band saw.



Sterling® Saw Blades

### 5-SUPER WELD MX™ BAND PORTABLE BANDS

Size	S.F.T.	Part No.
2 1/2" x 10'	10	100000
3" x 10'	10	100000
3 1/2" x 10'	10	100000
4" x 10'	10	100000
4 1/2" x 10'	10	100000
5" x 10'	10	100000

## STERLING® BAND SAW BLADES



# Sterling® Saw Blades

Manufactured by: Diamond Saw Works, Inc.



An Employee Owned Company

# Made in the USA for over 125 Years!

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## BAND SAW BLADE ORDERING INSTRUCTIONS

When ordering band saw blades and coil stock, please include the following information:

- Quantity
- Item Number
- Coil or Blade Length (feet + inches)
- Blade Width  
*NOTE: Timber Master TK™, Pallet Reclaim and Bi-Metal bandsaw widths 1" and above are over-width*
- Blade Thickness
- Teeth Per Inch / Grit
- Set (Raker, Wavy, E.T.S.)
- Style (Skip, Hook, Constant, Broach and Posi Tooth)
- Blade Type (specific brand name)

## GUARANTEED TRIAL ORDER PROGRAM

Diamond Saw Works offers a Guaranteed Trial Order Program on all Sterling® band saw blade products. Upon review and approval of consumer applications we will provide a product on a paid trial basis. The purpose of this program is to allow all consumers the opportunity to try our products risk-free. Contact your local Sterling® representative with your application information so we may provide you with the right blade that will meet your performance expectations.

# BAND SAW BLADES

## NXT-CT™ CARBIDE TIPPED

\*Introducing our two newest grind styles; Negative and Special, as well as our new tooth configuration 2/1.4 available in 1-1/4" thru 2-5/8" widths.

- **NEWEST GRADE OF CARBIDE** - For higher cutting speed, longer blade life and high heat and abrasion resistance.
- **UNIQUE, GROUND TOOTH FORM** - Improves cutting accuracy and offers a higher quality, smoother finish.
- **IMPROVED, TEMPERED STEEL BACKER** - Offers greater beam strength and extended blade fatigue life.

### APPLICATION:

Triple chip pattern for difficult machining materials such as inconel, hasteloy, titanium, nickel alloys, stainless steel, chrome alloys, tool steels and specialty steels. Set tooth for aluminum castings and foundry applications.

Width x Thickness		T.P.I.	Style	Item No.
Inches	mm			
1/2	12.7	3	Set	943059
	.025	.64	Triple Chip	943060
3/4	19	3	Triple Chip	943075
	.035	.90	Set	943076
3/4	19	3	Hvy Set	943080
3/4	19	3	Triple Chip	943085
1	27	3	Triple Chip	943095
		3	Set	943096
.035	.90	4/3	Triple Chip	943105
		4/3	Negative	943106*
1	27	3	Triple Chip	943108
1-1/4	34	1.7/1	Triple Chip	943121
		2/1.4	Triple Chip	943122*
		3/2	Triple Chip	943123
		3	Triple Chip	943116
		4/3	Triple Chip	943127
.042	1.07	4/3	Negative	943128*
1-1/2	41	1.7/1	Triple Chip	943133
		2/1.4	Triple Chip	943134*
		3/2	Triple Chip	943143
		3/2	Negative	943144*
.050	1.27	4/3	Triple Chip	943147
2	54	1.7/1	Triple Chip	943172
		2/1.4	Triple Chip	943175*
		2/1.4	Special	943176*
		3/2	Triple Chip	943180
		4/3	Triple Chip	943185
2-5/8	67	1.7/1	Triple Chip	943213
		2/1.4	Triple Chip	943215*
		3/2	Triple Chip	943214
3	76	1/8	Triple Chip	943217
.063	1.60			

Available in coils and welded to length.

### TRIPLE CHIP



### SET TOOTH





# BAND SAW BLADES

## BLUE DIAMOND™

Diamond edge bands will provide high cutting rates with minimal material loss. Finish quality can help eliminate expensive secondary operations. Carbon, graphite, glass, quartz, silicon, fiberglass, ceramics and composites as well as stone, granite and marble are among the many materials that can be cut effectively using diamond edge bands.

\*\* Available in 25/35, 35/40, 40/50, 60/80, 80/100 blended grit sizes.

Width x Thickness		Style	Item No.
Inches	MM		
1/2 .020	12.7 .50	CONTINUOUS	960100
1/2 .020	12.7 .50	SEGMENTED	960105
1/2 .025	12.7 .64	4P GULLETED	960110
3/4 .020	19 .50	CONTINUOUS	960115
3/4 .020	19 .50	SEGMENTED	960120
3/4 .032	19 .80	4P GULLETED	960125
1 .020	27 .50	CONTINUOUS	960130
1 .020	27 .50	SEGMENTED	960135
1 .025	27 .64	CONTINUOUS	960140
1 .025	27 .64	SEGMENTED	960145
1 .035	27 .90	CONTINUOUS	960150

Available in welded to length only.

Width x Thickness		Style	Item No.
Inches	MM		
1 .035	27 .90	SEGMENTED	960155
1 .035	27 .90	4P GULLETED	960160
1 .040	27 1.02	CONTINUOUS	960165
1 .040	27 1.02	SEGMENTED	960170
1-1/4 .025	34 .64	CONTINUOUS	960175
1-1/4 .025	34 .64	SEGMENTED	960180
1-1/4 .040	34 1.02	CONTINUOUS	960185
1-1/4 .040	34 1.02	SEGMENTED	960190
1-1/4 .042	34 1.07	4P GULLETED	960195
1-1/2 .040	41 1.02	CONTINUOUS	960200
1-1/2 .040	41 1.02	SEGMENTED	960205

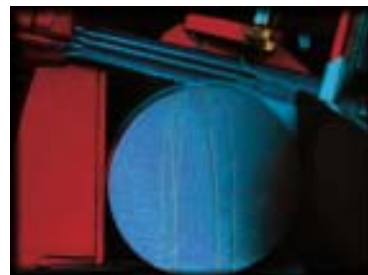
Available in welded to length only.

## MACH 12™ BI-METAL M51

MACH 12™ band saw blades have a 10% cobalt M51 tool steel cutting edge with a (69-70 Rc) hardness that provides excellent heat and abrasion resistance with a high chrome tempered steel backing for maximum tool life. The aggressive 12 degree positive rake varied pitch tooth design penetrates hard materials providing faster cutting rates. MACH 12™ is an excellent choice for cost effective production cutting of solid or heavy walled exotic materials that have work hardening or abrasive characteristics such as; Inconel, hasteloy, titanium, nickel alloys, chrome-moly, stainless steels and tool & die steels.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1-1/4 .042	34 1.07	3/2	RAKER	POSI	927216
		4/3	RAKER	POSI	927218
		6/4	RAKER	POSI	927220
1-1/2 .050	41 1.27	3/2	RAKER	POSI	927238
		4/3	RAKER	POSI	927243
		6/4	RAKER	POSI	927245
2 .063	54 1.60	3/2	RAKER	POSI	927254
		4/3	RAKER	POSI	925258

Available in coils and welded to length.



# BAND SAW BLADES

## EXCEL™ BI-METAL M42

\* Introducing our newest tooth configuration; 2/1.4 available in 1-1/2" .050, 2" .063 and 2-5/8" .063, as well as many other new tooth selections in varying widths.

EXCEL™ bi-metal band saw blades feature a high tooth hardness (68-69 Rc) with an 8% cobalt M42 tool steel cutting edge. They are available in Broach, Posi and Hook tooth styles. The Broach tooth has a less aggressive zero degree rake angle that resists tooth strippage especially on smaller cross sections while retaining the high hardness and superior abrasion resistance needed for cutting high alloy, heat treated, or stainless steels. The Posi and Hook tooth styles combine the high hardness and superior abrasion resistance qualities with an aggressive rake angle and a strong back angle to provide faster cuts on solid work pieces where tooth strippage is not a common occurrence.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
3/4 .035	19 .90	6/4	RAKER	BROACH	925002
		8/5	RAKER	BROACH	925003
		10/6	RAKER	BROACH	925006*
		12/8	RAKER	BROACH	925007*
		14/10	RAKER	BROACH	925008*
1 .035	27 .90	3	RAKER	HOOK	924997
		3/2	RAKER	POSI	925010
		4/3	RAKER	POSI	925013
		6/4	RAKER	BROACH	925017
		6/4	RAKER	POSI	925015
		8/5	RAKER	BROACH	925022
1-1/4 .042	34 1.07	8/5	RAKER	POSI	925020
		10/6	RAKER	BROACH	925025
		1	RAKER	HOOK	925310
		3	RAKER	HOOK	925028
		3/2	RAKER	POSI	925035
1-1/2 .050	41 1.27	4/3	RAKER	POSI	925037
		6/4	RAKER	POSI	925040
		8/5	RAKER	POSI	925045
		1	RAKER	HOOK	925320
		1.5/1	RAKER	POSI	925053
		2/1.4	RAKER	POSI	925054*
2 .063	54 1.60	3/2	RAKER	POSI	925055
		4/3	RAKER	POSI	925057
		6/4	RAKER	POSI	925060
		8/5	RAKER	BROACH	925061*
		1	RAKER	HOOK	925329
2-5/8 .063	66.8 1.60	3/2	RAKER	POSI	925066*
		4/3	RAKER	POSI	925068
		6/4	RAKER	POSI	925069*
		1	RAKER	HOOK	925330
3 .063	76 1.60	1.5/1	RAKER	POSI	925086
		2/1.4	RAKER	POSI	925085*
		3/2	RAKER	POSI	925087
		4/3	RAKER	POSI	925088
		6/4	RAKER	POSI	925089*
		8/5	RAKER	BROACH	925090*
3 .063	76 1.60	1/8	RAKER	POSI	925096
		1.5/1	RAKER	POSI	925098
		2/1.4	RAKER	POSI	925097*
		3/2	RAKER	POSI	925099
		4/3	RAKER	POSI	925102
6/4	RAKER	POSI	925095		
3 .063	76 1.60	1/8	RAKER	POSI	925100

Available in coils and welded to length.

## CONTOUR BAND™ BI-METAL M42

CONTOUR BAND™ bi-metal saw blades feature a high hardness (68-69 Rc) with an 8% cobalt M42 edge. They are available in narrow widths with Hook, Constant and Broach tooth styles for radius and straight cutting. The Hook tooth style combines an aggressive rake angle for faster cuts and is an excellent choice for aluminum and nonferrous materials. The Constant and Broach tooth have less aggressive zero degree rake angles that resist tooth strippage especially on smaller work pieces while retaining the high hardness and superior abrasion resistance needed for cutting high alloy, heat treated, or stainless steels.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1/4 .025	6.4 .60	6	RAKER	HOOK	923014
		14/10	RAKER	BROACH	923015
		18/14	RAKER	BROACH	923017
1/4 .035	6.4 .90	10	RAKER	CONSTANT	923005
		14	RAKER	CONSTANT	923010
3/8 .025	9.5 .60	14/10	RAKER	BROACH	923028
3/8 .035	9.5 .90	4	RAKER	HOOK	923012
		6	RAKER	HOOK	923022
		10	RAKER	CONSTANT	923020
1/2 .025	12.7 .60	4	RAKER	HOOK	923046
		6	RAKER	HOOK	923032
		10	RAKER	CONSTANT	923033
		14	RAKER	CONSTANT	923041
		10/6	RAKER	BROACH	923036
		12/8	RAKER	BROACH	923037
		14/10	RAKER	BROACH	923043
18/14	RAKER	BROACH	923044		
1/2 .035	12.7 .90	3	RAKER	HOOK	923047
		6	RAKER	HOOK	923048
		14	RAKER	CONSTANT	923055
		10/6	RAKER	BROACH	923060
		14/10	RAKER	BROACH	923067

Available in coils and welded to length.



# BAND SAW BLADES

## CUT MASTER™ BI-METAL M42

The new tooth design of this high hardness M-42 blade is ideally suited for cutting larger structural shapes such as I-beam, angle and thick wall tubing. A modified progressive close tolerance set pattern provides smoother finishes than a standard raker set. The tooth profile delivers aggressive cutting performance while resisting tooth strippage.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1	27	4/3	RAKER	POSI	925710
.035	.90	6/4	RAKER	POSI	925715
1-1/4	34	4/3	RAKER	POSI	925720
.042	1.07	6/4	RAKER	POSI	925725
1-1/2	41	4/3	RAKER	POSI	925730
.050	1.27	6/4	RAKER	POSI	925735
2	54	4/3	RAKER	POSI	925740
.063	1.60				

Available in coils and welded to length.

## NEW WAVE™ BI-METAL

NEW WAVE™ band saw blades are specifically tailored for maintenance department saws, fabricators of lighter structurals, round and square tubing and other applications that can prove troublesome to saw blade users everywhere. The unique, group tooth set, combined with the Broach tooth design, delivers smoother cuts with less noise and vibration. Because teeth are group set in varying degrees, each tooth protects adjacent teeth from taking too much stress load. This helps prevent tooth loss due to chipping and eventual strippage. NEW WAVE™ blades feature an 8% cobalt edge with 66-68 RC tooth hardness. For use on horizontal or vertical band saw machines.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1/4	6.4	14/10	WAVY	BROACH	923016
.025	.64	18/14	WAVY	BROACH	923018
3/8	9.5	18/14	WAVY	BROACH	923031
.025	.64				
1/2	12.7	18/14	WAVY	BROACH	923052
.020	.50				
1/2	12.7	14/10	WAVY	BROACH	923049
.025	.64	18/14	WAVY	BROACH	923051
3/4	19	8/5	WAVY	BROACH	923113
		10/6	WAVY	BROACH	923118
		12/8	WAVY	BROACH	923121
		14/10	WAVY	BROACH	923124
		18/14	WAVY	BROACH	923126
.035	.90				

Available in coils and welded to length.

## KERF PLUS™ BI-METAL M42

✳️ Introducing our newest tooth configuration; 10° Face Angle as well as the addition of a 2-5/8" width.

KERF PLUS™ is a high hardness M42 blade for cutting structural materials that tend to close into the cut. The wider kerf also helps prevent blade damage due to binding while cutting stacked or bundled structural beams and tubing. Recommended for use by production cutting houses and steel fabricators.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1	27	6/4	RAKER	POSI	920205
.035	.90				
1-1/4	34	4/3	RAKER	POSI	920220
.042	1.07	6/4	RAKER	POSI	920221
1-1/2	41	4/3	RAKER	POSI	920230
.050	1.27	6/4	RAKER	POSI	920231
2	54	4/3	RAKER	POSI	920240
		4/3	RAKER	POSI	*920242✳️
		6/4	RAKER	BROACH	920241
2-5/8	67	3/2	RAKER	POSI	*920250✳️
		4/3	RAKER	POSI	920252✳️
.063	1.60				

✳️ 10° Face Angle

Available in coils and welded to length.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1	27	8/5	WAVY	BROACH	923166
		10/6	WAVY	BROACH	923172
		12/8	WAVY	BROACH	923176
		14/10	WAVY	BROACH	923178
1-1/4	34	8/5	WAVY	BROACH	923228
		10/6	WAVY	BROACH	923231
		12/8	WAVY	BROACH	923234
1-1/2	41	8/5	WAVY	BROACH	923253
.050	1.27				
2	54	8/5	WAVY	BROACH	923255
2	54	8/5	WAVY	BROACH	923260
.063	1.60				

Available in coils and welded to length.

# BAND SAW BLADES

## SUPER WELD MX™ BI-METAL MATRIX II

\* This newest matrix product may be utilized as a Timber Master TK™ B as well.

SUPER WELD MX™ saw blades feature a tough 8% cobalt matrix tool steel edge with a (65-67 Rc) tooth hardness. They are available in Constant, Broach, Hook and Posi tooth styles and are an excellent choice for all common metal cutting applications. The Constant and Broach tooth styles have less aggressive zero rake angles that resist tooth strippage especially on smaller work pieces. The Hook and Posi tooth styles combine an aggressive rake angle for faster cuts and are excellent choices for solid work pieces and larger cross sections of materials.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	Item No.
1/2 .020	12.7 .50	10	RAKER	CONSTANT	923030
		14	RAKER	CONSTANT	923035
		18	RAKER	CONSTANT	923040
		24	WAVY	CONSTANT	923039
		14/10	RAKER	BROACH	923038
		18/14	RAKER	BROACH	923034
5/8 .032	16 .80	10/6	RAKER	BROACH	923072
		14/10	RAKER	BROACH	923074
3/4 .035	19 .90	3	RAKER	HOOK	923075
		10	RAKER	CONSTANT	923090
		14	RAKER	CONSTANT	923095
		6/4	RAKER	BROACH	923107
		8/5	RAKER	BROACH	923112
		10/6	RAKER	BROACH	923115
		12/8	RAKER	BROACH	923120
		14/10	RAKER	BROACH	923122
1 .035	27 .90	10	RAKER	CONSTANT	923150
		6/4	RAKER	BROACH	923162
		8/5	RAKER	BROACH	923167
		10/6	RAKER	BROACH	923170
		12/8	RAKER	BROACH	923175
		14/10	RAKER	BROACH	923177
1-1/4 .042	34 1.07	1.2	RAKER	HOOK	923305*
		3/2	RAKER	POSI	923215
		4/3	RAKER	POSI	923217
		6/4	RAKER	BROACH	923222
		8/5	RAKER	BROACH	923227
		10/6	RAKER	BROACH	923230

Available in coils and welded to length.



## BLADES FOR PORTABLE BAND SAW MACHINES

Blades for portable band saw machines are made of 8% cobalt matrix II bi-metal blade material, providing excellent life in tough cutting applications.

Length x Thickness						
Inches	mm	T.P.I.	Set	Item No.		
3'8-7/8"	1140	10	RAKER	23900		
		14	RAKER	23903		
		18	RAKER	23906		
		1/2	24	WAVY	23907	
		.020	.50	14/10	RAKER	23908
				18/14	WAVY	23904
				18/14	RAKER	23905

Packaged 5 per box or 100 bulk.

# BAND SAW BLADES

## TRI-TEMP

### HARD EDGE, HARD BACK

Tri-Temp blades are manufactured from high carbon alloy steel. Through a special heat treating process, a spring tempered hardness is given to the back of the blade. This quality allows the blade to be given more tension for added rigidity, resulting in straighter cuts and accuracy in contour cutting. Its greater tensile strength allows heavier feeds and provides longer blade life for production cutting. Tri-Temp is not recommended to be run at speeds over 4,000 feet per minute. For added versatility and performance, we recommend the original varied pitch Broach and Posi Tooth blades.

Width x Thickness							
Inches	mm	T.P.I.	Set	Style	Item No.		
1/4	.025	6.4	10	RAKER	CONSTANT	914040	
		.64	14/10	RAKER	BROACH	914070	
3/8	.025	9.5	3	RAKER	SKIP	914085	
			4	RAKER	SKIP	914095	
		.64	4	RAKER	HOOK	914090	
			6	RAKER	HOOK	914100	
1/2	.025	12.7	.64	4	RAKER	HOOK	914170
				6	RAKER	HOOK	914180
				6	RAKER	CONSTANT	914185
				10	RAKER	CONSTANT	914190
				14	RAKER	CONSTANT	914200
				14	WAVY	CONSTANT	914205
				18	RAKER	CONSTANT	914210
				10/6	RAKER	BROACH	914225
14/10	RAKER	BROACH	914235				
3/4	.032	.80	3	RAKER	HOOK	914275	
			6	RAKER	CONSTANT	914295	
			8	RAKER	CONSTANT	914300	
			10	RAKER	CONSTANT	914310	
			14	RAKER	CONSTANT	914330	
			10/6	RAKER	BROACH	914350	
12/8	RAKER	BROACH	914355	14/10	RAKER	BROACH	914360
1	.035	25.4	.90	14	RAKER	CONSTANT	914410
				6/4	RAKER	POSI	914420
				10/6	RAKER	BROACH	914430
				12/8	RAKER	BROACH	914435

Available in 250' coils and welded to length.

## CARBON

### HARD EDGE, FLEX BACK

\* Introducing a new heavy set 1/2" 4 hook tooth.

A hard edge, flexible back blade for horizontal cut-off machines, and contour and straight cutting on vertical band saw machines. Its economical cost makes it a good choice for cutting "easy to machine" metals, wood, plastics and other materials that do not require high production blades. Carbon is a light duty production blade that is well suited for machines with small wheel diameters.

Width x Thickness							
Inches	mm	T.P.I.	Set	Style	Item No.		
3/16	.025	4.8	4	RAKER	SKIP	911012	
		.64	10	RAKER	CONSTANT	911015	
			14	RAKER	CONSTANT	911020	
1/4	.025	6.4	.64	4	RAKER	HOOK	911035
				6	RAKER	SKIP	911050
				6	RAKER	HOOK	911045
				10	RAKER	CONSTANT	911055
				14	RAKER	CONSTANT	911065
				18	RAKER	CONSTANT	911070
3/8	.025	9.5	.64	24	WAVY	CONSTANT	911075
				3	RAKER	HOOK	911095
				4	RAKER	SKIP	911110
				4	RAKER	HOOK	911105
				6	RAKER	HOOK	911115
				10	RAKER	CONSTANT	911125
1/2	.025	12.7	.64	14	RAKER	CONSTANT	911130
				3	RAKER	HOOK	911180
				4	RAKER	SKIP	911195
				4	RAKER	HOOK	911190
				4	**RAKER	HOOK	911192*
				6	RAKER	HOOK	911200
3/4	.032	.80	.80	6	RAKER	CONSTANT	911205
				10	RAKER	CONSTANT	911210
				14	RAKER	CONSTANT	911220
				18	RAKER	CONSTANT	911230
				24	WAVY	CONSTANT	911235
				5/8	.032	16	.80
10	RAKER	CONSTANT	911285				
3/4	.032	19	.80	2	RAKER	HOOK	911295
				3	RAKER	HOOK	911300
				4	RAKER	HOOK	911310
				6	RAKER	HOOK	911320
				6	RAKER	CONSTANT	911325
				8	RAKER	CONSTANT	911330
				10	RAKER	CONSTANT	911335
				14	RAKER	CONSTANT	911355
1	.035	25.4	.90	3	RAKER	HOOK	911385
				6	RAKER	CONSTANT	911395
				10	RAKER	CONSTANT	911405
1-1/4	.042	31.8	1.07	3	RAKER	HOOK	911427

\*\*Heavy Set Available in 250' coils and welded to length.



# BAND SAW BLADES

## FRICTION

### FOR FRICTION CUTTING ONLY

A special silicon carbon steel with good abrasion resistance and fatigue life is used for the manufacture of friction cutting blades. Friction cutting is accomplished by running the band saw blade at high speed (8,000-15,000 sfpm). The high frictional heat created allows the blade to burn or melt away the material and the saw teeth remove the molten metal from the work piece. Very thin or odd-shaped metals may be successfully cut by friction sawing when conventional methods fail.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	Item No.
1/2	12.7	10	RAKER	CONSTANT	917000
.032	.80	14	RAKER	CONSTANT	917003
1	25.4	8	RAKER	CONSTANT	917019
.035	.90	10	RAKER	CONSTANT	917021

Available in 250' coils and welded to length.



## X-TRA DUTY .032™

### HARD EDGE, FLEX BACK

Heavy duty for wood, metal and the furniture industries. A hard edge, flexible back blade with extra thickness (.032) for extra rigidity, strength and blade life. Widely used by the woodworking industries, especially furniture manufacturers. Also used on aluminum, magnesium, brass, etc. X-tra Duty .032™ is manufactured with a Hook tooth design and is available in 1/4", 3/8" and 1/2" widths. Not recommended for machines that take a 15' band or less.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	Item No.
1/4	6.4	4	RAKER	HOOK	916000
.032	.80	2	ETS	HOOK	916008
3/8	9.5	3	RAKER	HOOK	916010
		3	ETS	HOOK	916012
		4	RAKER	HOOK	916015
1/2	12.7	2	ETS	HOOK	916019
		3	ETS	HOOK	916020
		4	RAKER	HOOK	916025

Available in 250' coils and welded to length.

## EVERY TOOTH SET (ETS)

### HARD EDGE, FLEX BACK

Highly recommended for straight and contour cutting of wood, flake board, plastic, nonferrous materials, etc. Absence of raker teeth gives a third more cutting edges for additional blade life and abrasion resistance.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	Item No.
1/4	6.4	4	ETS	HOOK	917995
.025	.64				
3/8	9.5	3	ETS	HOOK	918000
		4	ETS	HOOK	918003
1/2	12.7	4	ETS	HOOK	918009
.025	.64				
3/4	19	2	ETS	HOOK	918013

Available in 250' coils and welded to length.



# BAND SAW BLADES

Many other sizes are available, please contact us for availability and pricing.

## KNIFE EDGE

Spring tempered carbon steel Knife Edge bands are produced for cutting soft and fibrous materials that would fray or tear if cut with a conventional tooth type band. The Knife Edge produces little downward drag so there is no tearing during the cut, producing an excellent finish. These blades are run at speeds of 2000 - 8000 sfpm depending on the material being cut. Sterling® Knife Edge blades are double beveled and available in several styles for a variety of applications.

### STRAIGHT KNIFE (SINGLE EDGE)

For slicing foam, food, plastics, rubber, fabric, sponges and fiberglass insulation.

Width & Thickness	Item No.
3/8" x .020	950102
3/8" x .025	950104
1/2" x .020	950106
1/2" x .032	950108
3/4" x .020	950112
1" x .020	950114
1" x .032	950116
1-1/4" x .020	950118

Available in 250' coils and welded to length.

### 'V' TOOTHED KNIFE (SINGLE EDGE)

For cutting foam, food, plastics, rubber, fabric, sponges, fiberglass insulation and filter material.

Width & Thickness	T.P.I.	Item No.
1/2" x .020	10	950404
1/2" x .032	10	950406
5/8" x .022	10	950408
3/4" x .020	10	950410
3/4" x .020	14	950411
3/4" x .032	10	950412
1" x .020	10	950414
1" x .020	14	950415

Available in 250' coils and welded to length.

### SCALLOPED (SINGLE WAVY EDGE)

For slicing woven fabric, felt, filter material, fiberglass insulation, fish filleting and hosing material.

Width & Thickness	Item No.
3/8" x .020	950300
1/2" x .020	950302
1/2" x .032	950304
5/8" x .022	950306
3/4" x .020	950308
3/4" x .032	950310
1" x .020	950312
1" x .032	950314

Available in 250' coils and welded to length.

### 'V' TOOTHED KNIFE (DOUBLE EDGE)

For bi-directional cutting foam, plastics, rubber, fabric, plastic film, food and filter material.

Width & Thickness	T.P.I.	Item No.
1/2" x .020	14	950505
5/8" x .022	14	950509
3/4" x .020	10	950510
1" x .020	10	950514
1" x .020	14	950515

Available in 250' coils and welded to length.

There is a 5 band minimum per specification.

**\*\*Knife Edge products ship from Southgate, CA\*\***

**OUR FACTORY SERVICE TEAM MAY BE CONTACTED FOR BLADE SELECTION ASSISTANCE AT:**

**Phone: 800-828-1180**

**Fax: 800-237-8853**

**Email: [sales@diamondsaw.com](mailto:sales@diamondsaw.com)**

**or visit us on the WEB:**

**[www.diamondsaw.com](http://www.diamondsaw.com)**

**[www.sterlingsawblades.com](http://www.sterlingsawblades.com)**

# TIMBER MASTER TK™ COLLECTION

The TIMBER MASTER TK™ band saw blade collection covers a wide range of wood cutting applications. All blades are made of overwidth stock, which gives higher beam strength for fast, true cuts. All blades are factory set and delivered “ready-to-run” out of the box. Any TIMBER MASTER TK™ blade can be resharpened for extended life and optimal cost effectiveness.

## TIMBER MASTER TK™ CT Carbide Tipped

This is the ultimate cutting tool for resawing hard and abrasive wood species. The precision ground cutting surfaces provide fast, smooth cuts. As in all mill type operations, for optimum life, care must be taken to be sure the wood is free from metal contaminants, such as nails, fence wire, bullets, etc.

Width x Thickness		T.P.I.	Style	Item No.
Inches	mm			
1-1/2 .050	41 1.27	1.7/1	TRIPLE CHIP	943133
2 .062	54 1.60	1.7/1	TRIPLE CHIP	943172

Available in coils and welded to length.



## TIMBER MASTER TK™ B M42 Bi-Metal

This is an excellent heavy duty blade for production wood cutting. A hardness of 68-69 Rc on the tooth edge provides long blade life, especially for cutting abrasive, exotic wood species. As in all mill type operations, for optimum life, care must be taken to be sure the wood is free from metal contaminants, such as nails, fence wire, bullets, etc.

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1-1/4 .042	34 1.07	1	RAKER	HOOK	925310
1-1/2 .050	41 1.27	1	RAKER	HOOK	925320
2 .050	54 1.27	1	RAKER	HOOK	925329
2 .063	54 1.60	1	RAKER	HOOK	925330

Available in coils and welded to length.

## Introducing TIMBER MASTER TK™ Pro Cut “Ready to Run” out of the box

Width x Thickness		T.P.I.	Tooth Spacing	Style	Item No.
Inches	mm				
1 .035	27 .90	1.3 2	3/4" 1/2"	HOOK HOOK	913104 913106
1 042	27 1.07	1.2 1.3	7/8" 3/4"	HOOK HOOK	913110 913112
1-1/4 .042	34 1.07	1 1.2 **1.2 1.3	1" 7/8" 7/8" 3/4"	HOOK HOOK HOOK HOOK	913116 913118 913119 913121
1-1/2 .050	41 1.27	1 1.2 **1.2	1" 7/8" 7/8"	HOOK HOOK HOOK	913125 913127 913129
2 .050	54 1.27	1 1.2	1" 7/8"	HOOK HOOK	913134 913136

\*\*Heavy Duty

Available in 250' coils and welded to length.

The TIMBER MASTER TK™ Pro Cut series products are manufactured with a unique hardening process providing you with a full tooth hardness for extended wear life as well as providing a backer with excellent flex life for multiple resharpenings.

The Timber Master TK™ Pro Cut series is designed for band mill and re-saw applications. These blades are pre-sharpened at the factory for performance “right out of the box” for extended life and optimal cost effectiveness.

# PALLET RECLAIM COLLECTION

The Sterling® Pallet Reclaim Collection includes saw blades designed for pallet dismantling saws. The collection includes bi-metal and carbon blades for band saws and specifically designed safety tip bi-metal blades for reciprocating saws. The modified wave set pattern reduces the amount of force necessary to cut through the pallet. Reduced force prolongs blade life, reduces operator fatigue leading to increased pallet processing productivity.

## PALLET RECLAIM B Bi-Metal

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1-1/4	34	8/5	WAVY	BROACH	923236
.042	1.07	10/6	WAVY	BROACH	923231

Available in coils and welded to length.

## PALLET RECLAIM C Carbon

Width x Thickness		T.P.I.	Set	Style	Item No.
Inches	mm				
1-1/4	34	8/5	WAVY	BROACH	914443
.042	1.07	8/5	RAKER	BROACH	914450

Available in 250' coils and welded to length.

## SAFETY TIP Bi-Metal Reciprocating Blade

Item No.	Length x Width x Thickness		T.P.I.
	Inches	mm	
46920-50	8 x 3/4 x .035	200 x 20 x .90	18
46922-50	8 x 3/4 x .035	200 x 20 x .90	10

Packaged 50 per box



# BAND SAW ACCESSORIES

**\*\*Coolant ships from  
Hilton, NY\*\***

## Super Sterling® Heavy Duty Oil-Free Synthetic Sawing Fluid

Super Sterling® is a State-of-the-Art heavy duty oil-free coolant designed to replace soluble oil in production sawing of all metals except magnesium. This product is excellent on aluminum. The coolant contains a remarkable package of EP additives and corrosion inhibitors which offer outstanding performance without the mess and disposal concerns of soluble oil coolants. Super Sterling® works on all sawing applications including cutoff, band, power hacksaw, reciprocating, etc. This product may be used on ferrous and nonferrous metals. It is available in a variety of packaging options.

**5 Gallon Container  
Item No. 10800**

**4 (1-Gallon) Containers  
Item No. 10805**

**55 Gallon Drum  
Item No. 10807**

**Sterling® Mist Unit  
Item No. 10810**

For use with Super Sterling® oil free synthetic sawing fluid. Unit requires 50 to 100 PSI air supply and delivers up to one gallon per minute. (Instructions and replacement parts list included)

**Tachometer  
Item No. 10012**

Photo/contact digital tachometer for measuring RPM and bandsaw blade speed surface feet per minute. Maximum contact speed is 6560 sfpm. (Instructions included)

**Refractometer  
Item No. 10017**

This industrial refractometer with case and instructions has a 0-18 Brix analog scale to determine the concentration of Super Sterling® and other industrial fluids. (Instructions included)

**Tension Meter  
Item No. 10006**

For use on band saw blades and/or power hack saw blades. The tension meter checks for proper blade tension ensuring straighter cutting and longer blade life. The dial indicator provides you with a direct readout in P.S.I. (Instructions included)

**Magnetic Guide Alignment Tool  
Item No. 10010**

The blade alignment tool is used to check and adjust the blade orientation to the saw table assuring improved cutting accuracy. (Instructions included)



# RECIPROCATING SAW BLADES

## UNIVERSAL 1/2" SHANK

\* Four new Heavy Duty sizes available.

Tough, shatterproof bi-metal reciprocating blades fit all popular machines and outperform standard blades by a wide margin. The teeth retain their hardness and stay sharper longer. Breakage is eliminated because of its bi-metal construction. Select from over 40 different blades to match your cutting applications in wood, metal, fiberglass, nail-embedded wood, stainless and composition. For extra long life in stainless steel, fiberglass or other tough or abrasive applications, use SLIK-KOTE™ blades located on pg. 15.

### METAL CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
40610	6" x 3/4" x .035	150 x 20 x .90	10	For metal decking and roofing, and nonferrous metals.
40810	8" x 3/4" x .035	200 x 20 x .90	10	
* 40010	6" x 3/4" x .050	150 x 20 x 1.3	10	For cutting soil pipe, heavy gauge metal and nail - embedded wood.
40640	6" x 3/4" x .035	150 x 20 x .90	14/10	Heavy gauge metals, compositions, masonite, wood, etc.
40840	8" x 3/4" x .035	200 x 20 x .90	14/10	
40120	12" x 3/4" x .035	300 x 20 x .90	14/10	
* 40040	6" x 3.4" x .050	150 x 20 x 1.3	14/10	For cutting soil pipe and heavy gauge metal.
40080	8" x 3/4" x .050	200 x 20 x 1.3	14/10	
40414	4" x 3/4" x .035	100 x 20 x .90	14	For metals heavier than 1/8", bar stock, angles, etc. Also rubber, masonite, fiberglass, etc.
40614	6" x 3/4" x .035	150 x 20 x .90	14	
40814	8" x 3/4" x .035	200 x 20 x .90	14	
* 40014	6" x 3/4" x .050	150 x 20 x 1.3	14	For pipe, angle iron and heavy gauge metal over 1/8".
40418	4" x 3/4" x .035	100 x 20 x .90	18	For heavy gauge sheet metal, conduit, pipe, tubing, thin fiberglass, etc.
40618	6" x 3/4" x .035	150 x 20 x .90	18	
40818	8" x 3/4" x .035	200 x 20 x .90	18	
* 40018	6" x 3/4" x .050	150 x 20 x 1.3	18	For conduit, angle iron and heavy gauge metal up to 1/8".
39684	6" x 3/4" x .035	150 x 20 x .90	18/14	Graduated teeth for fast cuts in metals heavier than 3/32", bar stock, angles, pipe. Also fiberglass, fiber, "Transite".
40424	4" x 3/4" x .035	100 x 20 x .90	24	For metals lighter than 18-gauge, thin wall tubing, formed sheet, trim, etc.
40624	6" x 3/4" x .035	150 x 20 x .90	24	
40432	4" x 3/4" x .035	100 x 20 x .90	32	For very thin gauge metals, sheet, tubing, trim, etc.

Packaged 5 per vinyl pouch or 50 per box

### METAL SCROLL CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
43114	3-5/8" x 5/16" x .035	92 x 8 x .90	14	For scroll cutting heavy gauge metal, fiberglass, masonite.
42018	3" x 1/4" x .035	75 x 6 x .90	18	For scroll cutting metals lighter than 14 gauge.

Packaged 5 per vinyl pouch or 50 per box

# RECIPROCATING SAW BLADES

## UNIVERSAL 1/2" SHANK

### RUFF-NECK™

### DEMOLITION BLADES



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
46685	6" x 1" x .062	150 x 25 x 1.6	8/5	For demolition work, remodeling, wood, wallboard, paneling, plaster, nail-embedded wood.
46985	9" x 1" x .062	225 x 25 x 1.6	8/5	
46185	12" x 1" x .062	300 x 25 x 1.6	8/5	
46190	12" x 1" x .062	300 x 25 x 1.6	3	Fastest cutting, roughing-in work in wood.
46706	6" x 1" x .062	150 x 25 x 1.6	12/8	Wavy set for nail-embedded wood, metal lath, thin steel plate and metal demolition work.
46906	9" x 1" x .062	225 x 25 x 1.6	12/8	

Packaged 2 per vinyl pouch or 50 per box

## FIRE & RESCUE



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
40911	8" x 3/4" x .050	200 x 20 x 1.3	14/10	For fire and rescue work.
46911	9" x 1" x .062	225 x 25 x 1.6	12/8	

Packaged 2 per vinyl pouch or 50 per box

## WOOD & PLASTER CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
45004	6" x TAPER x .050	150 x TAPER x 1.3	4	Fast cutting, positive rake design with wide gullet spacing for roughing-in.
45606	6" x 3/4" x .035	150 x 20 x 1.3	6	For wood and nail-embedded woods, all composition material. Also nonferrous metals.
45006	6" x TAPER x .050	150 x TAPER x 1.3	6	General roughing-in work in wood and nail-embedded woods. Fast cutting.
45906	9" x TAPER x .050	225 x TAPER x 1.3	6	
45106	12" x TAPER x .050	300 x TAPER x 1.3	6	
45110	12" x TAPER x .050	300 x TAPER x 1.3	10	For thinner sections of wood, plastics, metals 1/8" and under, where extra blade length is required.
52056	5" x 3/4" x .035	100 x 20 x .90	6 V-Tooth	PLASTER CUTTING - For smooth, fast cuts in plaster, plasterboard and metal lath plaster.

Packaged 5 per vinyl pouch or 50 per box

**Big Blue display boards available.**

# BLUE DIAMOND™ COLLECTION

## UNIV 1/4", 'T' STYLE JIG SAWS AND RECIPROCATING SHANK STYLES

Item No.	Shank Style	Length x Width x Thickness		Grit	Recommended Uses
		Inches	mm		
12700	AIR SAW	5" x 1/2" x .025	127 x 12.7 x .60	40/50	Diamond edged air, jig, and reciprocating saw blades are for use on various composites and hard friable materials such as quartz, glass, fiberglass, carbon graphite and ceramics.
82700	1/4" UNIV	3-1/2" x 1/4" x .042	89 x 6 x 1.1	40/50	
86700	'T' STYLE	4" x 5/16" x .042	100 x 8 x 1.1	40/50	
46700	RECIP	6" x 3/4" x .035	150 x 20 x .90	40/50	

Packaged 1 per vinyl pouch

# SLIK-KOTE™ COLLECTION

A special treatment and coating results in a hard, abrasion resistant surface that increases the cutting life of the blade.

## ALL JIG SAW

## AND RECIPROCATING SHANK STYLES



Item No.	Shank Style	Length x Width x Thickness		T.P.I.	Recommended Uses
		Inches	mm		
82040 82041	UNIV. 1/4"	3-1/2" x 5/16" x .042	89 x 8 x 1.1	10 14	Recommended for fiberglass and other abrasive applications. Also effective on metals including stainless steel.
80148	BAYONET	3" x 3/8" x .035	75 x 10 x .90	14	
88266 88269	'T' STYLE	4" x 5/16" x .042 3" x 5/16" x .042	100 x 8 x 1.1 75 x 8 x 1.1	8 12	
41666	RECIP.	6" TAPER x .050	150 x 20 x 1.3	6	
41679		9" TAPER x .050	225 x 20 x 1.3	6	
41668		6" x 3/4" x .035	150 x 20 x .90	10	
41670		6" x 3/4" x .035	150 x 20 x .90	14	

Universal, Bayonet and "T" Style blades are packaged 5 per vinyl pouch or 100 per box

Reciprocating blades are packaged 5 per vinyl pouch or 50 per box

## PNUE-SAW™



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
12718	3-5/8" x 1/2" x .025	92 x 12.7 x .64	18	For scroll cuts in heavy metal, composites, fiberglass, plastics.
12724	3-5/8" x 1/2" x .025	92 x 12.7 x .64	24	For scroll cutting heavy gauge metal, fiberglass.
12732	3-5/8" x 1/2" x .025	92 x 12.7 x .64	32	For scroll cutting metals lighter than 14 gauge.

Packaged 5 per vinyl pouch or 100 per box

# GLAS-FAB™ COLLECTION

## ALL JIG SAW SHANK STYLES



Item No.	Shank Style	Length x Width x Thickness		T.P.I.	Recommended Uses
		Inches	mm		
82032	UNIV. 1/4"	3-1/2" x 5/16" x .050	89 x 8 x 1.3	2-WAY	For smooth splinter free cuts in fiberglass, wood, plexiglass. Hard surface coating adds blade life in abrasive materials.
80033	BAYONET	3" x 3/8" x .050	75 x 10 x .90	2-WAY	
87072	"T" STYLE	4" x 5/16" x .050	100 x 8 x 1.3	2-WAY	

Packaged 5 per vinyl pouch or 100 per box

# CARBIDE GRIT COLLECTION

## ALL JIG SAW AND RECIPROCATING SHANK STYLES



Item No.	Shank Style	Length x Width x Thickness		Grit	Recommended Uses
		Inches	mm		
30042	UNIV. 1/4"	2-7/8" x 5/16" x .032	73 x 8 x .80	MEDIUM	Enhanced cutting capability and increased blade life in hard abrasive materials such as ceramic tile, fiberglass and slate. The narrow width of the jig saw blades allow for both straight and contour cutting.
30040	UNIV. 1/4"	2-7/8" x 5/16" x .032	73 x 8 x .80	COARSE	
36201	"T" STYLE	3" x 5/16" x .032	75 x 8 x .80	MEDIUM	
36402	"T" STYLE	3" x 5/16" x .032	75 x 8 x .80	COARSE	
51400	RECIP	4" x 3/4" x .040	100 x 20 x 1.0	COARSE	
51800		8" x 3/4" x .040	200 x 20 x 1.0		

Packaged 5 per vinyl pouch

## JIG SAW BLADES UNIVERSAL "T" STYLE

Durable, high performance bi-metal jig/sabre saw blades outlast all other types of carbon and high speed steel blades. These shatterproof wood and metal cutting blades are available in three common shank designs: T-Style, 1/4" Universal and Bayonet types. For extra long life in stainless steel, fiberglass or other tough or abrasive applications, our Slik-Kote™ treated blades are recommended.

### METAL CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
86260	4" x 5/16" x .042	100 x 8 x 1.1	8	Mild steel 1/4" - 3/8". Nonferrous 1/4" - 5/8", laminates and plastics. 5/16" width for tight contours in metal, wood, etc.
86263	3" x 5/16" x .042	75 x 8 x 1.1	12	Mild steel 1/8" - 1/4". Nonferrous 1/8" - 5/8", laminates and plastics. 5/16" width for tighter contours in metal, wood, etc.
86264	3" x 5/16" x .042	75 x 8 x 1.1	18	Mild steel up to 3/16". Nonferrous up to 1/4" and laminates. 5/16" width for tighter contours in metal, wood, etc.
86267	3" x 5/16" x .042	75 x 8 x 1.1	24	Thin wall tubing and metal under 1/8".

Packaged 5 per vinyl pouch or 100 per box

### WOOD CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
87076	4" x 5/16" x .042	100 x 8 x 1.1	6	Fast cuts in hard and soft woods up to 2-3/8". 5/16" width for tighter contours in wood, metal, etc.
87074	4" x 5/16" x .050	100 x 8 x 1.3	6	For smooth cuts in hard and soft wood, plywood up to 2-1/2", also plastics. 5/16" width for tighter contours in wood, metal etc. Hollow Ground.
87073	4" x 5/16" x .050	100 x 8 x 1.3	10	For smooth cuts in hard and soft wood, plywood up to 3-1/4", also plastics. 5/16" width for tighter contours in wood, metal etc. Hollow Ground.
87077	4" x 5/16" x .050	100 x 8 x 1.3	10 Down Cut	Reversed tooth direction for down cutting. Reduces top splintering and chipping. Hollow Ground.

Packaged 5 per vinyl pouch or 100 per box

**Big Blue display boards are available.**



# JIG SAW BLADES UNIVERSAL 1/4" STYLE

## METAL CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
82050	3-1/2" x 5/16" x .042	89 x 8 x 1.1	10	1/4"-1/2" steel, 1/4"-3/4" nonferrous, plastic ,etc.
82051	3-1/2" x 5/16" x .042	79 x 8 x 1.1	14	1/8"-1/4" steel, 1/8"-1/2" nonferrous, aluminum, fiberglass, plastics, etc.
82052	3-1/2" x 5/16" x .042	79 x 8 x 1.1	18	1/16"-1/8" steel, conduit, plastics, tubing, etc.
82053	3-1/2" x 5/16" x .042	79 x 8 x 1.1	24	1/16" steel and under, thin wall tubing, formica, etc.

Packaged 5 per vinyl pouch or 100 per box

## WOOD CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
82021	3-1/2" x 1/4" x .035	89 x 6 x .90	6	Positive rake for roughing-in and scroll cuts up to 1/2" in wood, plywood, hardboard, plastics, etc.
82022	3-1/2" x 1/4" x .035	89 x 6 x .90	10	Smoother finish and scroll cuts in wood, plywood, hardwood, plastics, laminates up to 1/2".
82008	4" x 3/8" x .035	100 x 10 x .90	6	Long life in wood cutting, laminates, composites.
82011	4" x 3/8" x .035	100 x 10 x .90	10	Fine set teeth for finish cuts in wood, plywood, plastics, masonite, brass, aluminum.

Packaged 5 per vinyl pouch or 100 per box

# JIG SAW BLADES BAYONET STYLE

## METAL CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
80112	3" x 3/8" x .035	75 x 10 x .90	14	1/8"-1/4" Steel; 1/8"-1/4" nonferrous and laminates.
80111	3" x 3/8" x .035	75 x 10 x .90	18	1/16"-1/8" steel, conduit, plastics, tubing, etc.
80113	3" x 3/8" x .035	75 x 10 x .90	24	Thin sheet steel, thin wall tubing and thin nonferrous.
80114	1-3/4" x 1/4" x .035	45 x 6 x .90	14	1/8"-1/4" steel, 1/8"-3/8" nonferrous, suitable for scroll work.
80115	1-3/4" x 1/4" x .035	45 x 6 x .90	24	Thin sheet steel, thin wall tubing, suitable for scroll work.

Packaged 5 per vinyl pouch or 100 per box

## WOOD CUTTING



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
80091	3" x 3/8" x .050	75 x 10 x 1.3	6	Faster cutting, set tooth, for roughing-in wood, plastics, compositions.
80092	3" x 3/8" x .050	75 x 10 x 1.3	10	Fast cutting, set tooth for wood, compositions, nonferrous metals-medium smooth finish.

Packaged 5 per vinyl pouch or 100 per box

# Introducing **BIG BLUE DISPLAY KITS**

Item No. 57600	Description	T.P.I.	Qty Blades
39684	6" x 3/4" x .035	18/14	40
40432	4" x 3/4" x .035	32	25
40614	6" x 3/4" x .035	14	40
40618	6" x 3/4" x .035	18	40
40624	6" x 3/4" x .035	24	40
41668	6" x 3/4" x .035	10	35
41670	6" x 3/4" x .035	14	35
82040	3-1/2" x 5/16" x .042	10	25
82041	3-1/2" x 5/16" x .042	14	25
88266	4" x 5/16" x .042	8	30
88269	3" x 5/16" x .042	12	30
10003	Complete Display Board		1

Item No. 57602	Description	T.P.I.	Qty Blades
46685	6" x 1" x .062	8/5	20
46985	9" x 1" x .062	8/5	20
46185	12" x 1" x .062	8/5	16
46190	12" x 1" x .062	3	16
46706	6" x 1" x .062	12/8	20
40911	8" x 3/4" x .050	14/10	20
46911	9" x 1" x .062	12/8	16
10003	Complete Display Board		1

Big Blue Display boards are available separately for customization of your own selection of Jig and/or Reciprocating saw blades.

Blades are packed 5 per in clear pouches with information inserts

## AIR SAW BLADES

Bi-metal blades to fit popular pneumatic saw machines. High-speed cutting edge welded to a tough, shatter resistant back makes this the ideal blade for air saw applications. The bi-metal construction obsoletes solid high-speed steel blades previously available. Available in 10, 14, 18, 24 and 32 tooth for all cutting jobs.

### PNEU-SAW™ BLADES



Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
12510	3-5/8" x 1/2" x .025	92 x 12.7 x .64	10	For scroll cuts in heavy metal, composites, fiberglass, plastics.
12514	3-5/8" x 1/2" x .025	92 x 12.7 x .64	14	For scroll cutting heavy gauge metal, fiberglass.
12614	5" x 1/2" x .025	127 x 12.7 x .64		
12518	3-5/8" x 1/2" x .025	92 x 12.7 x .64	18	For scroll cutting metals lighter than 14 gauge.
12618	5" x 1/2" x .025	127 x 12.7 x .64		
12524	3-5/8" x 1/2" x .025	92 x 12.7 x .64	24	For scroll cutting metals lighter than 18 gauge, thin tubing, formed sheet, trim, etc.
12624	5" x 1/2" x .025	127 x 12.7 x .64		
12532	3-5/8" x 1/2" x .025	92 x 12.7 x .64	32	For scroll cutting very thin gauge metals, sheet, tubing, trim, etc.

*Fits all standard air saws*

*Packaged 5 per vinyl pouch or 100 per box*

### PNEU-SAW™ BLADES

Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
13014	4" TAPER .035	100 TAPER .035	14	For metals heavier than 1/8", bar stock, angles, etc. Also rubber, masonite, fiberglass, etc.
13018	4" TAPER .035	100 TAPER .035	18	For heavy gauge sheet metal, conduit pipe, tubing, thin fiberglass.
13024	4" TAPER .035	100 TAPER .035	24	For metals lighter than 18 gauge, thin wall tubing, formed sheet, trim, etc.
13032	4" TAPER .035	100 TAPER .035	32	For very thin gauge metals, sheet, tubing, trim, etc.

*Fits Nitto Kohki air saws*

*Packaged 5 per vinyl pouch or 100 per box*

# CIRCULAR SAW BLADES

IMPORTED

All Sterling® circular tungsten carbide tipped saw blades have a micro grain cobalt binder with a small amount of titanium for added cutting life. They are ground to very exact tolerances for optimum performance and tool life. All blades are resharpenable.



## FERROUS AND NONFERROUS BLADES

Ferrous and nonferrous metal cutting blades cut with fewer burrs and less heat than abrasive blades, there is no need for secondary finish grinding. The modified triple chip grind resists material build up on the tooth allowing for longer life between resharpenings.

Item No.	Description	Arbor	RPM	Grade	Application
10700	7-1/4" x 36T TCG Saw Blade (Ferrous)	* 5/8"	5800	C-6	Steel Cutting
10705	8" x 48T TCG Saw Blade (Ferrous)	* 5/8"	5800	C-6	Steel Cutting
10707	9" x 48T TCG Saw Blade (Ferrous)	1"	5200	C-6	Steel Cutting
10710	10" x 80T TCG Saw Blade (Ferrous)	5/8"	5800	C-6	Steel Cutting
10715	12" x 100T TCG Saw Blade (Ferrous)	1"	2000	C-6	Steel Cutting
10720	14" x 120T TCG Saw Blade (Ferrous)	1"	1700	C-6	Steel Cutting
10740	10" x 100T TCG Saw Blade (Nonferrous)	5/8"	7000	C-1	Aluminum Cutting

Packaged 1 per box

\*Diamond Arbor

## WOOD CUTTING BLADES

Thin kerf wood cutting blades feature an alternate tooth bevel grind for fast clean cuts.

Item No.	Description	Arbor	RPM	Grade	Application
10750	7-1/4" x 24T ATB Saw Blade	* 5/8"	7000	C-2	Framing/General Purpose
10755	7-1/4" x 40T ATB Saw Blade	* 5/8"	7000	C-2	Finishing
10760	8-1/4" x 24T ATB Saw Blade	* 5/8"	7000	C-2	Framing/General Purpose
10765	10" x 40T ATB Saw Blade	5/8"	7000	C-3	General Purpose
10770	10" x 60T ATB Saw Blade	5/8"	7000	C-3	General Purpose Fine Finishing
10775	10" x 80T ATB Saw Blade	5/8"	7000	C-3	Ultra Fine Finishing
10780	12" x 80T ATB Saw Blade	1"	7000	C-3	Fine Finishing
10785	12" x 96T ATB Saw Blade	1"	7000	C-3	Ultra Fine Finishing

Packaged 1 per box

\*Diamond Arbor

## DADO SETS

The dado sets feature top bevel ground outside saws and chipper sets. These blades stay SHARP longer even when cutting man made materials like particle board, laminated plywood, melamine and plastics.

Item No.	Description	Arbor	RPM	Grade	Application
10790	6" x 30T Stack Dado Set	5/8"	7000	C-4	Dado Cutting
10792	8" x 42T Stack Dado Set	5/8"	7000	C-4	Dado Cutting

Packaged 1 per box

# PORTABLE HACKSAW BLADES

## PORTA-HACK™ BI-METAL



PORTA-HACK™ blades are used by utility companies, petro chemical plants and large contractors for job-site cutting of pipe, structurals and other materials.

Item No.	Length x Width		T.P.I.	Recommended Uses
	Inches	mm		
10906	12 x 1-1/4	300 x 32	14	Thinner sections of steel, brass, bronze, fiberglass, etc.
10907	16 x 1-1/4	406 x 32	14	Thinner sections of steel, brass, bronze, fiberglass, etc.
10929	16 x 1-1/4	406 x 32	8	For heavier sections of steel, brass, bronze, fiberglass, etc.
10930	21 x 1-1/4	525 x 32	14	Thinner sections of steel, brass, bronze, fiberglass, etc.
10973	24 x 1-1/4	600 x 32	14	Thinner sections of steel, brass, bronze, fiberglass, etc.
10975	30 x 1-1/4	765 x 32	14	Thinner sections of steel, brass, bronze, fiberglass, etc.

Packaged 10 blades per box

# POWER HACKSAW BLADES

## SHATTERPROOF BI-METAL



Sterling® power hacksaw blades have an M-3 high speed steel cutting edge welded to a tough alloy steel back. The bi-metal construction results in a strong, shatter-resistant blade for high productivity and safety in the toughest cutting applications. The extra width of this blade gives rigidity and durability, cut after cut.

Item No.	Length x Width x Thickness		T.P.I.
	Inches	mm	
10304	12 x 1 x .050	300 x 25.4 x 1.3	14
10312	14 x 1 x .050	350 x 25.4 x 1.3	10
10316	14 x 1 x .050	350 x 25.4 x 1.3	14
10320	14 x 1-1/4 x .062	350 x 32 x 1.6	6
10324	14 x 1-1/4 x .062	350 x 32 x 1.6	10
10340	14 x 1-1/2 x .075	350 x 38 x 1.9	6
10380	18 x 1-1/4 x .062	450 x 32 x 1.6	10

Packaged 10 blades per box

Item No.	Length x Width x Thickness		T.P.I.
	Inches	mm	
10392	18 x 1-1/2 x .075	450 x 38 x 1.9	4
10396	18 x 1-1/2 x .075	450 x 38 x 1.9	6
10412	18 x 1-3/4 x .088	450 x 45 x 2.2	6
10428	21 x 1-3/4 x .088	525 x 45 x 2.2	6
10456	24 x 2 x .100	600 x 50 x 2.5	4

Packaged 10 blades per box

VISIT US ON THE WEB AT:

[www.diamondsaw.com](http://www.diamondsaw.com)  
[www.sterlingsawblades.com](http://www.sterlingsawblades.com)



# HAND HACKSAW BLADES

## BI-METAL SHATTERPROOF



Shatter resistant bi-metal construction allows blades to bend and flex. The high hardness tool steel cutting edge provides extended tool life compared to other hacksaw blades. The original varied pitch tooth design was patented and introduced by Diamond Saw in 1937, on hand hacksaw blades. Over the years, improvements and variations have kept this blade on top in cutting ease and efficiency.

Item No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
10077	12 x 1/2 x .025	300 x 12.7 x .60	14	For cutting heavy gauge metal, fiberglass.
10079	12 x 1/2 x .025	300 x 12.7 x .60	18	For cutting metals lighter than 14 gauge.
10081	12 x 1/2 x .025	300 x 12.7 x .60	24	For cutting metals lighter than 18 gauge tubing, formed sheet, trim, etc.
10083	12 x 1/2 x .025	300 x 12.7 x .60	32	For cutting very thin gauge metals, sheet, tubing, trim, etc.
10073	12 x 1/2 x .025	300 x 12.7 x .60	18/14	Varied pitch mitigates tooth strippage problems and allows for faster cuts in a wider variety of applications.
10075	12 x 1/2 x .025	300 x 12.7 x .60	24/20	

Packaged 5 per vinyl pouch or 100 per box

## HAND HACKSAW FRAME

High Tension hacksaw frame for 12" bi-metal hacksaw blades allows tensioning of bi-metal hacksaw blades up to 28000 PSI by turning tension knob four complete turns. Blades can be mounted straight or at a 45° angle for flush cutting. Extra blade storage inside hollow tube. Includes 1 - 12" hacksaw blade.

**Item No. 10022**



High Tension Hand Hack Saw Frames (Black) Packed 5 per box  
PVC /ABS Plastic Pipe Saw Handle (Silver) Packed 5 per box

## PVC/ABS PLASTIC PIPE SAW BLADES

### SPRING TEMPERED

Sterling® PVC/ABS Plastic Pipe Blades are of one-piece spring tempered carbon construction. The cutting edge is hardened to 63-66 RC for good wear resistance. The spring tempered back resists flexing while cutting on both the push and pull strokes. Cuts plastic, wood, drywall, PVC and ABS pipe. The heavy duty aluminum handle is easy to assemble with a single screw blade attachment. Available with or without handle.

Item No.	Length x Width x Thickness		T.P.I.
	Inches	mm	
Blade with Handle			
70131	12	300	10
70181	18	450	10
Replacement Blades			
70130	12 x 2-1/2 x .035	300 x 64 x .90	10
70180	18 x 2-1/2 x .035	450 x 64 x .90	10

Packaged 5 per box

# HOLE SAWS

## BI-METAL – VARIED PITCH

Sterling® hole saws are available in bi-metal construction known for its endurance and shatterproof qualities. High hardness teeth welded to a tough backer material, coupled with varied pitch, positive rake teeth makes Sterling® hole saws the first choice.

## CARBIDE TIPPED

Sterling® carbide tipped hole saws are especially suited for cutting holes in fiberglass, transite, flake board and cast iron when standard high speed hole saws will not do the job.

## BLUE DIAMOND™

Blue Diamond™ hole saws are manufactured of a tough bi-metal matrix steel with 40/50 blended diamond grit nickel matrix braze bonded to their edge. With a cutting depth of 1-1/2”, these hole saws are normally used for cutting a variety of abrasive non-ferrous materials.

Bi-Metal Item No.	Carbide Tipped Item No.	Diamond Edge Item No.	Diameter Add .040 to Diamond Edge	
			Inches	mm
55009	N/A	54100	9/16"	14
55010	N/A	54105	5/8"	16
55011	N/A	54110	11/16"	17
55012	56012	54115	3/4"	19
55013	56013	54120	13/16"	21
55014	56014	54125	7/8"	22
55015	56015	54130	15/16"	24
55016	56016	54135	1"	25
55017	56017	54140	1-1/16"	27
55018	56018	54145	1-1/8"	29
55019	N/A	54150	1-3/16"	30
55020	56020	54155	1-1/4"	32
55021	N/A	54160	1-5/16"	33
55022	56022	54165	1-3/8"	35
55023	56023	54170	1-7/16"	37
55024	56024	54175	1-1/2"	38
55025	56025	54180	1-9/16"	40
55026	56026	54185	1-5/8"	41
55027	56027	54190	1-11/16"	43
55028	56028	54195	1-3/4"	44
55029	56029	54200	1-13/16"	46
55030	56030	54205	1-7/8"	48
55032	56032	54210	2"	51
55033	56033	54215	2-1/16"	52
55034	56034	54220	2-1/8"	54
55036	56036	54225	2-1/4"	57

Packaged 1 per box

Bi-Metal Item No.	Carbide Tipped Item No.	Diamond Edge Item No.	Diameter Add .040 to Diamond Edge	
			Inches	mm
55037	56037	54230	2-5/16"	59
55038	56038	54235	2-3/8"	60
55040	56040	54240	2-1/2"	64
55041	N/A	54245	2-9/16"	65
55042	56042	54250	2-5/8"	67
55044	56044	54255	2-3/4"	70
55046	56046	54260	2-7/8"	73
55048	56048	54265	3"	76
55050	56050	54270	3-1/8"	79
55052	56052	54275	3-1/4"	83
55054	56054	54280	3-3/8"	86
55056	56056	54285	3-1/2"	89
55058	56058	54290	3-5/8"	92
55060	56060	54295	3-3/4"	95
55062	56062	54300	3-7/8"	98
55064	56064	54305	4"	102
55066	56066	54310	4-1/8"	105
55068	56068	54315	4-1/4"	108
55070	56070	54320	4-3/8"	111
55072	56072	54325	4-1/2"	114
55076	56076	54330	4-3/4"	121
55080	56080	54335	5"	127
55088	56088	54340	5-1/2"	140
55092	56092	N/A	5-3/4"	146
55096	56096	54345	6"	152

Packaged 1 per box

# HOLE SAW KITS & ACCESSORIES

## HOLE SAW KITS

A selection of four different hole saw kits which include Bi-Metal Pro Pack, Bi-Metal Plumber's, Bi-Metal Electrician's and Carbide Tipped kits. The contents of each kit include the most commonly used hole saws, arbors and accessories used for that particular trade task. All hole saws are packed in a sturdy plastic case.

Packaged 1 per box

## ARBORS

A selection of five different arbors, each supplied with a 1/4" pilot drill, will accommodate all universal types of hole saws. Order arbors by product number to fit whatever hole saw is being used. The quick change arbor (57045) permits the change of a hole saw without removal of the arbor from the chuck.

Packaged 1 per box

## 1/4" PILOT DRILLS

A pilot drill is included with each arbor or is available separately.

Packaged 2 per pouch

## ARBOR ADAPTOR

This arbor adaptor converts 1/2" -20 threaded arbors (57015, 57016, 57018) to 5/8"-18 thread size to accommodate larger diameter saws. Not recommended for use with saws over 1-1/2" diameter. Packaged 2 per pouch.



## BI-METAL PRO PACK HOLE SAW KIT(#57515)

Includes:

- |                     |   |
|---------------------|---|
| 1 - 3/4" hole saw   | 1 - 2" hole saw                         |
| 1 - 7/8" hole saw   | 1 - 2-1/4" hole saw                     |
| 1 - 1-1/8" hole saw | 1 - 2-1/2" hole saw                     |
| 1 - 1-3/8" hole saw | 1 - (57045*) 7/16" hex arbor            |
| 1 - 1-1/2" hole saw | 1 - (57035) Additional 1/4" pilot drill |
| 1 - 1-3/4" hole saw | 1 - (57000) Arbor adaptor               |

## BI-METAL PLUMBER'S HOLE SAW KIT(#57528)

Includes:

- |                     |   |
|---------------------|---|
| 1 - 3/4" hole saw   | 1 - 1-3/4" hole saw                     |
| 1 - 7/8" hole saw   | 1 - 2-1/4" hole saw                     |
| 1 - 1-1/8" hole saw | 1 - (57045*) 7/16" hex arbor            |
| 1 - 1-1/2" hole saw | 1 - (57035) Additional 1/4" pilot drill |

## BI-METAL ELECTRICIAN'S HOLE SAW KIT(#57527)

Includes:

- |                     |   |
|---------------------|---|
| 1 - 7/8" hole saw   | 1 - 2-1/2" hole saw                     |
| 1 - 1-1/8" hole saw | 1 - (57018) 7/16" hex arbor             |
| 1 - 1-3/8" hole saw | 1 - (57045*) 7/16" hex arbor            |
| 1 - 1-3/4" hole saw | 1 - (57035) Additional 1/4" pilot drill |
| 1 - 2" hole saw     |   |

## CARBIDE TIPPED HOLE SAW KIT(#57507)

Includes:

- |                     |   |
|---------------------|---|
| 1 - 3/4" hole saw   | 1 - 2" hole saw                         |
| 1 - 7/8" hole saw   | 1 - 2-1/4" hole saw                     |
| 1 - 1-1/8" hole saw | 1 - 2-1/2" hole saw                     |
| 1 - 1-3/8" hole saw | 1 - (57045*) 7/16" hex arbor            |
| 1 - 1-1/2" hole saw | 1 - (57035) Additional 1/4" pilot drill |
| 1 - 1-3/4" hole saw | 1 - (57000) arbor adaptor               |

\*Quick change design, with knurled collar

## ARBORS & ACCESSORIES

Item No.	Fits Hole Saw Diameters	Follows Through	Shank	Thread Size	Chuck Size
57015	9/16" - 1-3/16"	1" - 1-3/16"	1/4" hex	1/2-20	1/4"
57016	9/16" - 1-3/16"	1" - 1-3/16"	3/8" hex	1/2-20	3/8"
57018	9/16" - 1-3/16"	7/8" - 1-1/2"	7/16" hex	1/2-20	1/2"
57020	1-1/4" - 2-3/8"	1-1/4" - 2-3/8"	7/16" hex	5/8-18	1/2"
57045*	1-1/4" - 6"	1-7/16" - 6"	7/16" hex	5/8-18	1/2"
57035	4" LONG 1/4" PILOT DRILL (For 1/4" Rd., 7/16" hex & 5/8" hex)				
57036	3" LONG 1/4" PILOT DRILL (For 1/4" hex & 3/8" hex)				
54500	3" PILOT DRILL FOR USE WITH DIAMOND EDGE				
57100	12" EXTENSION (For 7/16" hex shank)				
57000	Converts 1/2" - 20 threaded arbors (57015, 57016 and 57018) to 5/8" - 18 thread size to accommodate larger diameter saws.				

\*Quick change design, with knurled collar

Pilot Drills (57035, 57036) and extension (57000) are packaged 2 per pkg. All others 1 per pkg.



# DIAMOND SAW WORKS, INC.

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