

# *STERLING<sup>®</sup> SAW BLADES*

*“Quality at its Finest”*



**MANUFACTURED BY DIAMOND SAW WORKS, INC.**

**INNOVATORS OF WORLD-CLASS SAW BLADES SINCE 1890**

CATALOG NO. PC 16

# TABLE OF CONTENTS

NXT-ct™ Bandsaw Blades .....	3
Mach 12™ Bandsaw Blades .....	4
Excel™, Contour Band Bandsaw Blades .....	5
Cut Master™, Kerf-Plus™ Bandsaw Blades & Accessories .....	6
New-Wave™ Bandsaw Blades, Portable Bands .....	7
Super-Weld MX™ Bandsaw Blades .....	8
Tri-Temp, Carbon Bandsaw Blades .....	9
Friction, X-tra Duty .032™, ETS Bandsaw Blades .....	10
Timber Master TK™ Collection .....	11
Pallet Reclaim Collection .....	12
Reciprocating Blades .....	13-14
Reciprocating Blade Box Displays .....	15
Air Saw Blades .....	16
Glas-Fab™ Collection, Carbide Grit Collection .....	17
Slik-Kote™ Collection, Jig Saw Blades .....	18
Jig Saw Blades .....	19
Hand Hacksaw Blades, Hacksaw Frames .....	20
Power Hacksaw Blades, Porta-Hack™, PVC/ABS .....	21
Hole Saws (Bi-Metal and Carbide Tip) .....	22
Hole Saw Accessories .....	23

## ***BAND SAW BLADE ORDERING INSTRUCTIONS***

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

- Quantity
- Product Number
- Blade Length (feet + inches)
- Blade Width
- Blade Thickness
- Teeth Per Inch
- Set (Raker, Wavy, E.T.S.)
- Style (Skip, Hook, Constant, Broach Tooth, Posi-Tooth, New Wave™)
- 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



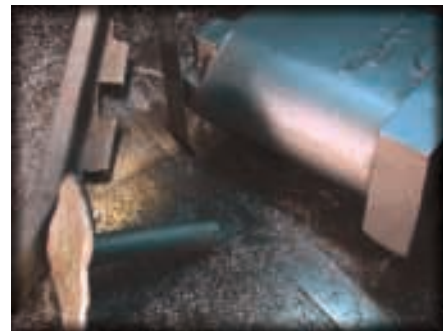
## CARBIDE TIPPED BAND SAW BLADES

- **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:

For difficult machining materials such as Inconel, Hasteloy, Titanium, Nickel alloys, stainless steel, chrome alloys, tool steels and specialty steels. Available in triple chip or set tooth pattern. Set tooth for aluminum castings and foundry applications.

### SET TOOTH



### TRIPLE CHIP



Width x Thickness				
Inches	mm	T.P.I.	Style	Bulk EDP. No.
1/2	12.7	3	Set	943059
.025	.60	4	Triple Chip	943060
3/4	19	3	Triple Chip	943075
.035	.90	3	Set	943076
1	27	3	Triple Chip	943095
.035	.90	3	Set	943096
		4/3	Triple Chip	943105
1-1/4	34	3/2	Triple Chip	943123
.042	1.07	3	Triple Chip	943116
		4/3	Triple Chip	943127
1-1/2	41	1.7/1	Triple Chip	943133
.050	1.27	3/2	Triple Chip	943143
		4/3	Triple Chip	943147
2	54	1.7/1	Triple Chip	943172
.062	1.60	3/2	Triple Chip	943180
2-5/8	67	1.7/1	Triple Chip	943213
.062	1.60			
3	76	1/8	Triple Chip	943217
.062	1.60			

*Available in coils and welded to length.*

# BAND SAW BLADES

## MACH 12™

**BI-METAL M-51, 12° RAKE**

**10% COBALT EDGE**

**Rc 69-70 TOOTH HARDNESS**

•**AGGRESSIVE 12° POSITIVE RAKE ANGLE** - High positive rake angle provides faster cutting rates for increased production requirements without compromising band life. In addition, this feature allows the band saw machine and the blade to operate at a maximum level of efficiency.

•**HIGH CHROME TEMPERED STEEL BACKING MATERIAL** - Allows blade to absorb more heat, and increases blade life.

•**VARIABLE PITCH** - Dramatically reduces noise and vibration for longer tool life.

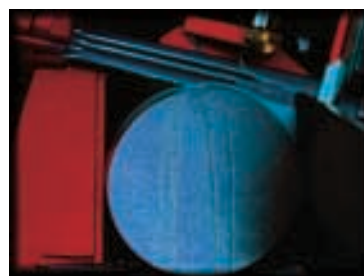
•**OVERSIZE WIDTH** - Increases beam strength and offers straighter cutting.

### APPLICATION:

A production cutting blade designed for faster cutting of exotic materials. Cuts solid or heavy walled materials which have work hardening or abrasive characteristics. Also for cutting exotic metals, super alloys and space age materials such as Inconel, Hasteloy, Titanium, Nickel alloys, Chrome-moly, stainless steel and tool or die steels. The high level of heat and abrasion resistance make this blade an extremely effective choice for faster cutting.

Width x Thickness						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1-1/4	34	3/2	RAKER	POSI	27516	27816
.042	1.07	4/3	RAKER	POSI	27518	27818
		6/4	RAKER	POSI	27520	27820
1-1/2	41	3/2	RAKER	POSI	27538	N/A
.050	1.27	4/3	RAKER	POSI	27543	N/A
		6/4	RAKER	POSI	27545	N/A
2	54	3/2	RAKER	POSI	27554	N/A
.063	1.60	4/3	RAKER	POSI	27558	N/A

*Available in coil lengths or welded to length bands.*



# BAND SAW BLADES

## EXCEL™

The EXCEL™ band saw blades feature a high tooth hardness (67-69 RC) with an 8% cobalt M42 tool steel cutting edge. They are available in Broach tooth, Posi tooth 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 tooth 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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
3/4	19	6/4	RAKER	BROACH	25102	25202
.035	.90	8/5	RAKER	BROACH	25103	25203
1	27	3	RAKER	HOOK	25097	25197
		3/2	RAKER	POSI	25110	25210
		4/3	RAKER	POSI	25113	25213
		6/4	RAKER	BROACH	25117	25217
		6/4	RAKER	POSI	25115	25215
		8/5	RAKER	BROACH	25122	25222
.035	.90	8/5	RAKER	POSI	25120	25220
		10/6	RAKER	BROACH	25125	25225
1-1/4	34	1	RAKER	HOOK	25410	25510
		3	RAKER	HOOK	25128	25228
		3/2	RAKER	POSI	25135	25235
		4/3	RAKER	POSI	25137	25237
		6/4	RAKER	POSI	25140	25240
		8/5	RAKER	POSI	25145	25245
1-1/2	41	1	RAKER	HOOK	25420	N/A
		1.5/1	RAKER	POSI	25153	N/A
		3/2	RAKER	POSI	25155	N/A
		4/3	RAKER	POSI	25157	N/A
		6/4	RAKER	POSI	25160	N/A
2	54	1	RAKER	HOOK	25429	N/A
.050	1.27					
2	54	1	RAKER	HOOK	25430	N/A
		1.5/1	RAKER	POSI	25186	N/A
		3/2	RAKER	POSI	25187	N/A
		4/3	RAKER	POSI	25188	N/A
2-5/8	66.8	1/8	RAKER	POSI	25196	N/A
		1.5/1	RAKER	POSI	25198	N/A
		3/2	RAKER	POSI	25199	N/A
.063	1.60					

Available in coils and welded to length.



## CONTOUR BAND™

The CONTOUR BAND™ saw blades feature a high hardness (67-69 RC) with an 8% cobalt M42 edge. They are available in narrow widths with Hook tooth, Constant tooth 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 non-ferrous materials. The Constant tooth 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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1/4	6.4	6	RAKER	HOOK	23314	23614
.025	.60	14/10	RAKER	BROACH	23315	23615
		18/14	RAKER	BROACH	23317	23617
1/4	6.4	10	RAKER	CONSTANT	23305	23605
.035	.90	14	RAKER	CONSTANT	23310	23610
3/8	9.5	14/10	RAKER	BROACH	23328	23628
.025	.60					
3/8	9.5	4	RAKER	HOOK	23312	23612
.035	.90	10	RAKER	CONSTANT	23320	23620
1/2	12.7	4	RAKER	HOOK	23346	23646
		6	RAKER	HOOK	23332	23632
		10	RAKER	CONSTANT	23333	23633
		14	RAKER	CONSTANT	23341	23641
		10/6	RAKER	BROACH	23336	23636
		12/8	RAKER	BROACH	23337	23637
		14/10	RAKER	BROACH	23343	23643
		18/14	RAKER	BROACH	23344	23644
1/2	12.7	3	RAKER	HOOK	23347	23647
		6	RAKER	HOOK	23348	23648
		14	RAKER	CONSTANT	23355	23655
		10/6	RAKER	BROACH	23360	23660
		14/10	RAKER	BROACH	23367	23667
.035	.90					

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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1	27	4/3	RAKER	POSI	25810	25910
.035	.90	6/4	RAKER	POSI	25815	25915
1-1/4	34	4/3	RAKER	POSI	25820	25920
.042	1.07	6/4	RAKER	POSI	25825	25925
1-1/2	41	4/3	RAKER	POSI	25830	N/A
.050	1.27	6/4	RAKER	POSI	25835	N/A
2	54	4/3	RAKER	POSI	25840	N/A
.063	1.60					

Available in coils and welded to length.

## KERF-PLUS™ BI-METAL M42

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

Width x Thickness						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1	27	6/4	RAKER	POSI	20505	20805
.035	.90					
1-1/4	34	4/3	RAKER	POSI	20520	20820
.042	1.07	6/4	RAKER	POSI	20521	20821
1-1/2	41	4/3	RAKER	POSI	20530	N/A
.050	1.27	6/4	RAKER	POSI	20531	N/A
2	54	4/3	RAKER	POSI	20540	N/A
.063	1.60	6/4	RAKER	BROACH	20541	N/A

Available in coils and welded to length.

# BANDSAW BLADE ACCESSORIES

## Magnetic Guide Alignment Tool

Product No. 10010

The blade alignment tool is used to check and make sure the saw blade is square to the cut. This will improve your cutting accuracy. (Instructions included)

## Tension Meter

Product 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 PSI.





# BAND SAW BLADES

## NEW WAVE™ BI-METAL

The NEW WAVE™ band saw blade is 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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1/4	6.4	14/10	WAVY	BROACH	23316	23616
.025	.64	18/14	WAVY	BROACH	23318	23618
3/8	9.5	18/14	WAVY	BROACH	23331	23631
.025	.64					
1/2	12.7	18/14	WAVY	BROACH	23352	23652
.020	.50					
1/2	12.7	14/10	WAVY	BROACH	23349	23649
.025	.64	18/14	WAVY	BROACH	23351	23651
3/4	19	8/5	WAVY	BROACH	23413	23713
		10/6	WAVY	BROACH	23418	23718
		12/8	WAVY	BROACH	23421	23721
		14/10	WAVY	BROACH	23424	23724
		18/14	WAVY	BROACH	23426	23726
1	27	8/5	WAVY	BROACH	23466	23766
		10/6	WAVY	BROACH	23472	23772
		12/8	WAVY	BROACH	23476	23776
		14/10	WAVY	BROACH	23478	23778
1-1/4	34	8/5	WAVY	BROACH	23528	23828
		10/6	WAVY	BROACH	23531	23831
		12/8	WAVY	BROACH	23534	23834
.042	1.07					
1-1/2	41	8/5	WAVY	BROACH	23553	N/A
.050	1.27					
2	54	8/5	WAVY	BROACH	23555	N/A
.050	1.27					
2	54	8/5	WAVY	BROACH	23560	N/A
.063	1.60					

Available in coils and welded to length.



## BLADES FOR PORTABLE BAND SAW MACHINES

Blades for portable band saw machines are made of matrix II bi-metal blade material. Matrix II bi-metal blades provide excellent life in tough cutting applications.

Size		T.P.I.	Set	Prod. No.
Inches	mm			
3'-8-7/8"	1140	10	RAKER	23900
		14	RAKER	23903
		18	RAKER	23906
		24	WAVY	23907
		14/10	RAKER	23908
1/2	12.7	18/14	WAVY	23904
.020	.50	18/14	RAKER	23905

Packaged 5 per box or 100 bulk

# BAND SAW BLADES

## SUPER WELD MX™ BI-METAL MATRIX II

The 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 tooth, Broach tooth, Hook tooth and Posi tooth styles and are an excellent choice for all common metal cutting applications. The Constant tooth and Broach tooth have less aggressive zero rake angles that resist tooth strippage especially on smaller work pieces. The Hook tooth 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	150' Coil Prod. No.	250' Coil Prod. No.
1/2 .020	12.7 .50	10	RAKER	CONSTANT	23330	23630
		14	RAKER	CONSTANT	23335	23635
		18	RAKER	CONSTANT	23340	23640
		24	WAVY	CONSTANT	23339	23639
		14/10	RAKER	BROACH	23338	23638
		18/14	RAKER	BROACH	23334	23634
5/8 .032	16 .80	10/6	RAKER	BROACH	23372	23672
		14/10	RAKER	BROACH	23374	23674
3/4 .035	19 .90	3	RAKER	HOOK	23375	23675
		10	RAKER	CONSTANT	23390	23690
		14	RAKER	CONSTANT	23395	23695
		6/4	RAKER	BROACH	23407	23707
		8/5	RAKER	BROACH	23412	23712
		10/6	RAKER	BROACH	23415	23715
		12/8	RAKER	BROACH	23420	23720
		14/10	RAKER	BROACH	23422	23722
1 .035	27 .90	18/14	RAKER	BROACH	23423	23723
		10	RAKER	CONSTANT	23450	23750
		6/4	RAKER	BROACH	23462	23762
		8/5	RAKER	BROACH	23467	23767
		10/6	RAKER	BROACH	23470	23770
		12/8	RAKER	BROACH	23475	23775
1-1/4 .042	34 1.07	14/10	RAKER	BROACH	23477	23777
		3/2	RAKER	POSI	23515	23815
		4/3	RAKER	BROACH	23521	23821
		4/3	RAKER	POSI	23517	23817
		6/4	RAKER	BROACH	23522	23822
		8/5	RAKER	BROACH	23527	23827
		10/6	RAKER	BROACH	23530	23830

Available in coils and welded to length.



**VISIT US ON THE WEB AT:**  
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[www.sterlingsawblades.com](http://www.sterlingsawblades.com)



# 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 Tooth and Posi Tooth blades.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	250' Coil Prod. No.
1/4 .025	6.4 .64	10	RAKER	CONSTANT	14540
		14/10	RAKER	BROACH	14570
3/8 .025	9.5 .64	3	RAKER	SKIP	14585
		4	RAKER	SKIP	14595
		4	RAKER	HOOK	14590
		6	RAKER	HOOK	14600
1/2 .025	12.7 .64	18	RAKER	CONSTANT	14620
		4	RAKER	HOOK	14670
		6	RAKER	HOOK	14680
		6	RAKER	CONSTANT	14685
		10	RAKER	CONSTANT	14690
		14	RAKER	CONSTANT	14700
		14	WAVY	CONSTANT	14705
		18	RAKER	CONSTANT	14710
		10/6	RAKER	BROACH	14725
		12/8	RAKER	BROACH	14730
3/4 .032	19 .80	14/10	RAKER	BROACH	14735
		3	RAKER	SKIP	14780
		3	RAKER	HOOK	14775
		6	RAKER	CONSTANT	14795
		8	RAKER	CONSTANT	14800
		10	RAKER	CONSTANT	14810
		14	RAKER	CONSTANT	14830
		10/6	RAKER	BROACH	14850
1 .035	27 .90	12/8	RAKER	BROACH	14855
		14/10	RAKER	BROACH	14860
		14	RAKER	CONSTANT	14910
		6/4	RAKER	POSI	14920
		10/6	RAKER	BROACH	14930
		12/8	RAKER	BROACH	14935

Available in coils and welded to length.

## CARBON

### HARD EDGE, FLEX BACK

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	250' Coil Prod. No.
3/16 .025	4.8 .60	4	RAKER	SKIP	11512
		10	RAKER	CONSTANT	11515
		14	RAKER	CONSTANT	11520
1/4 .025	6.4 .60	4	RAKER	HOOK	11535
		6	RAKER	SKIP	11550
		6	RAKER	HOOK	11545
		10	RAKER	CONSTANT	11555
		14	RAKER	CONSTANT	11565
		18	RAKER	CONSTANT	11570
3/8 .025	9.5 .60	24	WAVY	CONSTANT	11575
		3	RAKER	HOOK	11595
		4	RAKER	SKIP	11610
		4	RAKER	HOOK	11605
		6	RAKER	HOOK	11615
		10	RAKER	CONSTANT	11625
1/2 .025	12.7 .60	14	RAKER	CONSTANT	11630
		3	RAKER	HOOK	11680
		4	RAKER	SKIP	11695
		4	RAKER	HOOK	11690
		6	RAKER	HOOK	11700
		6	RAKER	CONSTANT	11705
		10	RAKER	CONSTANT	11710
		14	RAKER	CONSTANT	11720
5/8 .032	16 .80	18	RAKER	CONSTANT	11730
		24	WAVY	CONSTANT	11735
		4	RAKER	HOOK	11770
		10	RAKER	CONSTANT	11785
3/4 .032	19 .80	2	RAKER	HOOK	11795
		3	RAKER	HOOK	11800
		4	RAKER	HOOK	11810
		6	RAKER	HOOK	11820
		6	RAKER	CONSTANT	11825
		8	RAKER	CONSTANT	11830
		10	RAKER	CONSTANT	11835
		14	RAKER	CONSTANT	11855
1 .035	27 .90	3	RAKER	HOOK	11885
		6	RAKER	CONSTANT	11895
		10	RAKER	CONSTANT	11905
1-1/4 .042	34 1.07	3	RAKER	HOOK	11927

Available in coils and welded to length.

# BAND SAW BLADES

## FRICITION BANDS

### 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 S.F.P.M.). 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	250' Coil Prod. No.
1/2	12.7	10	RAKER	CONSTANT	17100
.032	.80	14	RAKER	CONSTANT	17103
5/8	16	10	RAKER	CONSTANT	17106
.035	.90	14	RAKER	CONSTANT	17108
3/4	19	14	RAKER	CONSTANT	17118
.035	.90				
1	27	8	RAKER	CONSTANT	17119
.035	.90	10	RAKER	CONSTANT	17121
		14	RAKER	CONSTANT	17124

Available in coil lengths 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™ is manufactured with a Hook tooth design and is available in 1/4", 3/8" and 1/2". Not recommended for machines that take a 15' band or less.

Width x Thickness					
Inches	mm	T.P.I.	Set	Style	250' Coil Prod. No.
1/4	6.4	4	RAKER	HOOK	16100
.032	.80				
3/8	9.5	2	ETS	HOOK	16108
		3	RAKER	HOOK	16110
		3	ETS	HOOK	16112
		4	RAKER	HOOK	16115
.032	.80				
1/2	12.7	2	ETS	HOOK	16119
.032	.80	3	RAKER	HOOK	16120
		4	RAKER	HOOK	16125

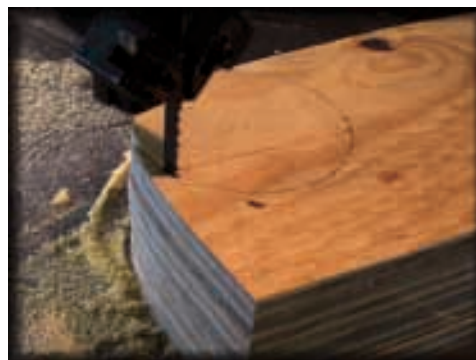
Available in coil lengths and welded to length.

## EVERY TOOTH SET (ETS)

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	250' Coil Prod. No.
1/4	6.4	4	ETS	HOOK	18195
.025	.60				
3/8	9.5	3	ETS	HOOK	18200
.025	.60	4	ETS	HOOK	18203
1/2	12.7	4	ETS	HOOK	18209
.025	.60				
3/4	19	2	ETS	HOOK	18213
.032	.80				

Available in coil lengths and welded to length.



# TIMBER MASTER TK™ COLLECTION

The TIMBER MASTER TK™ band saw blade line 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					
Inches	mm	T.P.I.	Style	Style	Bulk Prod. No.
1.635 .050	41.5 1.27	1.7/1	TRIPLE CHIP	POSI	943133
2.145 .062	54 1.60	1.7/1	TRIPLE CHIP	POSI	943172

Available in coil lengths and welded to length.



## TIMBER MASTER TK™ C Carbon

This is a good general-purpose blade for smaller saws and resaws. The 32 Rc hardness of the backer provides long fatigue life for multiple resharpenings and economical saw operations.

### HARD EDGE, FLEX BACK

Width x Thickness						
Inches	mm	T.P.I.	Tooth Spacing	Style	150' Coil Prod. No.	250' Coil Prod. No.
1.080 .035	27 .90	1.3 2	3/4" 1/2"	HOOK HOOK	11657 11760	11957 11960
1.080 042	27 1.07	1.2 1.3	7/8" 3/4"	HOOK HOOK	11658 11661	11958 11961
1.360 .042	34 1.07	1	1"	HOOK	11666	11966
		1.2	7/8"	HOOK	11664	11964
		**1.2 1.3	7/8" 3/4"	HOOK HOOK	16064 11663	16144 11963
1.635 .050	41 1.27	1 1.2	1" 7/8"	HOOK HOOK	11669 11671	11969 11971
2.145 .050	54 1.27	1	1"	HOOK	11676	11976

\*\* Heavy Set

Available in coil lengths and welded to length.

## TIMBER MASTER TK™ B M42 BI-METAL

This is an excellent heavy duty blade for production wood cutting. An Rc hardness of 67 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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1.360 .042	34 1.10	1	RAKER	HOOK	25410	25510
1.635 .050	41 1.27	1	RAKER	HOOK	25420	N/A
2.145 .050	54 1.27	1	RAKER	HOOK	25429	N/A
2.145 .063	54 1.60	1	RAKER	HOOK	25430	N/A

Available in coil lengths and welded to length.

A good general purpose blade intended for larger saws cutting more difficult wood species. The 45 Rc hardness of the backer provides a stiffer cutting tool, where true cutting is a key priority.

### HARD EDGE, HARD BACK

Width x Thickness						
Inches	mm	T.P.I.	Tooth Spacing	Style	150' Coil Prod. No.	250' Coil Prod. No.
1.080 .035	27 .90	1.3 2	3/4" 1/2"	HOOK HOOK	14777 14580	14977 14980
1.080 042	27 1.07	1.3	3/4"	HOOK	14682	14982
1.360 .042	34 1.07	1	1"	HOOK	14688	14988
		1.2	7/8"	HOOK	14787	14987
		1.3	3/4"	HOOK	14785	14985

Available in coil lengths and welded to length.

# 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 blade for reciprocating saws. All blades in the collection feature a modified wave set pattern that 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						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1.360	34	8/5	WAVY	BROACH	23528	23828
.042	1.07	10/6	WAVY	BROACH	23531	23831

Available in coil lengths and welded to length.

## PALLET RECLAIM C Carbon

Width x Thickness						
Inches	mm	T.P.I.	Set	Style	150' Coil Prod. No.	250' Coil Prod. No.
1.360	34	8/5	WAVY	BROACH	14643	14943
.042	1.07					

Available in coil lengths and welded to length.

## SAFETY TIP Bi-Metal Reciprocating Blade

Prod. 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

Packaged 50 per box



**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)**

# BI-METAL RECIPROCATING SAW BLADES

## UNIVERSAL 1/2" SHANK

Tough, shatterproof bi-metal reciprocating blades fit all popular machines and out perform 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. 18.



### METAL CUTTING

Prod. 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	
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	
40080	8" x 3/4" x .050	200 x 20 x 1.3	14/10	For cutting soil pipe and heavy gauge metal.
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	
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	
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

Prod. 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.
42024	3" x 1/4" x .035	75 x 6 x .90	24	For scroll cutting the thinnest sheet metals, etc.

Packaged 5 per vinyl pouch or 50 per box



# BI-METAL RECIPROCATING SAW BLADES

## UNIVERSAL 1/2" SHANK



### RUFF-NECK™ - DEMOLITION BLADES

Prod. 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	
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

Prod. 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

Prod. No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
45103	12" x TAPER x .050	300 x TAPER x 1.3	3	Fastest cutting, roughing-in work in wood.
45004	6" x TAPER x .050	150 x TAPER x 1.3	4	TIGER SHARK™-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

Prod. No.	RECIPROCATING BLADE ASSORTMENT
50000	Contains the following selection of 5 popular wood and metal cutting blades in one display pouch. 1 each WOOD CUTTING: 45006 (6" taper .050 6T); METAL CUTTING: 40414 (4" x 3/4 x .035 14T), 40614 (6" x 3/4" x .035 14T), 40418 (4" x 3/4 x .035 18T), 40618 (6" x 3/4 x 18T).



# ***POINT OF PURCHASE BOX DISPLAYS***

## ***FOR BI-METAL RECIPROCATING SAW BLADES***

### **SLIK-KOTE RECIP ASSORTMENT**

**#57570**

70	PCS	#41666	6" TAPER .050 6 TPI
100	PCS	#41668	6" X 3/4 X .035 10 TPI
100	PCS	#41670	6" X 3/4 X .035 14 TPI
70	PCS	#41679	9" TAPER .050 6 TPI

### **6" METAL RECIP ASSORTMENT**

**#57572**

100	PCS	#40614	6" X 3/4 X .035 14 TPI
100	PCS	#40618	6" X 3/4 X .035 18 TPI
100	PCS	#40624	6" X 3/4 X .035 24 TPI
100	PCS	#39684	6" X 3/4 X .035 18/14 TPI

### **8" METAL RECIP ASSORTMENT**

**#57573**

100	PCS	#40810	8" X 3/4 X .035 10 TPI
100	PCS	#40814	8" X 3/4 X .035 14 TPI
100	PCS	#40818	8" X 3/4 X .035 18 TPI
100	PCS	#40840	8" X 3/4 X .035 14/10 TPI

### **VARIED PITCH RECIP ASSORTMENT**

**#57574**

100	PCS	#39684	6" X 3/4 X .035 18/14 TPI
50	PCS	#46685	6" X 1 X .062 8/5 TPI
50	PCS	#46706	6" X 1 X .035 12/8 TPI
100	PCS	#40840	8" X 3/4 X .035 14/10 TPI

### **RUFF-NECK RECIP ASSORTMENT**

**#57575**

50	PCS	#46685	6" X 1 X .062 8/5 TPI
50	PCS	#46706	6" X 1 X .062 12/8 TPI
50	PCS	#46985	9" X 1 X .062 8/5 TPI
50	PCS	#46906	9" X 1 X .062 12/8 TPI

### **WOOD & METAL RECIP**

**ASSORTMENT**

**#57576**

100	PCS	#40614	6" X 3/4 X .035 14 TPI
100	PCS	#40618	6" X 3/4 X .035 18 TPI
100	PCS	#40840	8" X 3/4 X .035 14/10 TPI
70	PCS	#45006	6" TAPER .050 6 TPI
70	PCS	#45906	9" TAPER .050 6 TPI
70	PCS	#45106	12" TAPER .050 6 TPI

### **WOOD RECIP ASSORTMENT**

**#57577**

70	PCS	#45103	12" TAPER .050 3 TPI
70	PCS	#45006	6" TAPER .050 6 TPI
50	PCS	#46685	6" X 1 X .062 8/5 TPI
50	PCS	#46185	12" X 1 X .062 8/5 TPI
70	PCS	#45004	6" TAPER .050 4 TPI
50	PCS	#46985	9" X 1 X .062 8/5 TPI

### **METAL RECIP ASSORTMENT**

**#57578**

100	PCS	#40120	12" X 3/4 X .035 14/10 TPI
50	PCS	#46906	9" X 1 X .062 12/8 TPI
70	PCS	#40080	8" X 3/4 X .050 14/10 TPI
100	PCS	#40610	6" X 3/4 X .035 10 TPI
100	PCS	#40614	6" X 3/4 X .035 14 TPI
100	PCS	#40618	6" X 3/4 X .035 18 TPI
100	PCS	#40818	8" X 3/4 X .035 18 TPI

# BI-METAL 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 - SCROLL CUTTING***

Prod. 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 12614	3-5/8" x 1/2" x .025 5" x 1/2" x .025	92 x 12.7 x .64 127 x 12.7 x .64	14	For scroll cutting heavy gauge metal, fiberglass
12518 12618	3-5/8" x 1/2" x .025 5" x 1/2" x .025	92 x 12.7 x .64 127 x 12.7 x .64	18	For scroll cutting metals lighter than 14 gauge
12524	3-5/8" x 1/2" x .025 5" x 1/2" x .025	92 x 12.7 x .64 127 x 12.7 x .64	24	For scroll cutting metals lighter than 18 gauge, thin tubing, formed sheet, trim, etc.
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.

*Packaged 5 per vinyl pouch or 100 per box*

## ***PNEU-SAW™ BLADES\****

Prod. No.	Length x Width x Thickness		T.P.I.	Recommended Uses
	Inches	mm		
13014	4" TAPER .035	100 TAPER .035	14	For metal 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 and other air saws*

*Packaged 5 per vinyl pouch or 100 per box*

**VISIT US ON THE WEB AT:**

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

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

# GLAS-FAB™ COLLECTION



## ALL JIG SAW SHANK STYLES

Prod. 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

Prod. No.	Shank Style	Length x Width x Thickness		Grit	Recommended Uses
		Inches	mm		
30040	UNIV. 1/4"	3-5/8" x 5/16" x .032	92 x 8 x .80	COARSE	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.
35801	BAYONET	3" x 3/8" x .032	75 x 10 x .80	MEDIUM	
36201	"T" STYLE	3" x 5/16" x .032	75 x 8 x .80	MEDIUM	
36402	"T" STYLE	4" x 5/16" x .032	100 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		

Universal, Bayonet and "T" Style blades are packaged 5 per vinyl pouch or 50 per box.

Reciprocating blades are packaged 1 per vinyl pouch or 50 per box.

## CARBIDE GRIT HACKSAW & RODSAW

Tungsten Carbide grit blades provide enhanced cutting capabilities in hard or abrasive materials such as hardened steel, hydraulic hose, ceramic tile and cable.

GRIT HACKSAW			
Prod. No.	Length x Width x Thickness		Grit
	Inches	mm	
10026	12 x 3/4 x .030	300 x 19 x .7	Medium
GRIT RODSAW			
10052	12	300	Medium

Packaged 1 per vinyl pouch.



# SLIK-KOTE™ BI-METAL 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

Prod. 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 41679	RECIP.	6" TAPER x .050 9" TAPER x .050	150 x 20 x 1.3 225 x 20 x 1.3	6 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.

## BI-METAL 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. (See above)

### METAL CUTTING

Prod. 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

Prod. 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.

# BI-METAL JIG SAW BLADES UNIVERSAL 1/4" STYLE

## METAL CUTTING

Prod. 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

Prod. 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 woods, 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

# BI-METAL JIG SAW BLADES BAYONET STYLE

## METAL CUTTING

Prod. 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

Prod. 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

# HAND HACKSAW BLADES

## BI-METAL SHATTERPROOF

### STANDARD TOOTH

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.

### VARIED PITCH

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.

STANDARD TOOTH				Recommended Uses
Product No.	Length x Width x Thickness			
	Inches	mm	T.P.I.	
10077	12 x 1/2 x .025	300 x 12.7 x .60	14	For cutting heavy guage metal, fiberglass.
10079	12 x 1/2 x .025	300 x 12.7 x .60	18	For cutting metals lighter than 14 guage.
10081	12 x 1/2 x .025	300 x 12.7 x .60	24	For cutting metals lighter than 18 guage, thin tubing, formed sheet, trim, etc.
10083	12 x 1/2 x .025	300 x 12.7 x .60	32	For cutting very thin guage metals, sheet, tubing, trim, etc.
VARIED PITCH				
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 FRAMES

#10022 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. Will accommodate hacksaw or recip. blades to use as a jab saw.

EDP #10022 High Tension (Pictured)

The Sterling Mini-Hack handle will accommodate wood or metal cutting ½" shank reciprocating blades as well as hand hacksaw blades.

EDP #10001 (Mini-Hack)



Mini-Hacks are packaged 1 per pouch.  
High Tension frames are packaged 5 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.

Product No.	Length x Width x Thickness		T.P.I.
	Inches	mm	
10300	12 x 1 x .050	300 x 25.4 x 1.3	10
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
10376	18 x 1-1/4 x .062	450 x 32 x 1.6	6
10380	18 x 1-1/4 x .062	450 x 32 x 1.6	10

Packaged 10 per box.

Product 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
10408	18 x 1-3/4 x .088	450 x 45 x 2.2	4
10412	18 x 1-3/4 x .088	450 x 45 x 2.2	6
10424	21 x 1-3/4 x .088	525 x 45 x 2.2	4
10436	21 x 1-3/4 x .088	525 x 45 x 2.2	6/4
10456	24 x 2 x .100	600 x 50 x 2.5	4
10462	24 x 2 x .100	600 x 50 x 2.5	4/3

# 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.



Product 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 per box.

# PVC/ABS PLASTIC PIPE SAW BLADES

## SPRING TEMPERED BACK

Sterling® PVC/ABS Plastic Pipe Blades are of one-piece 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.

Product. 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.

Bi-Metal Prod. No.	Carbide Tipped Prod. No.	Diameter	
		Inches	mm
55009	56009	9/16"	14
55010	56010	5/8"	16
55011	56011	11/16"	17
55012	56012	3/4"	19
55013	56013	13/16"	21
55014	56014	7/8"	22
55015	56015	15/16"	24
55016	56016	1"	25
55017	56017	1-1/16"	27
55018	56018	1-1/8"	29
55019	56019	1-3/16"	30
55020	56020	1-1/4"	32
55021	56021	1-5/16"	33
55022	56022	1-3/8"	35
55023	56023	1-7/16"	37
55024	56024	1-1/2"	38
55025	56025	1-9/16"	40
55026	56026	1-5/8"	41
55027	56027	1-11/16"	43
55028	56028	1-3/4"	44
55029	56029	1-13/16"	46
55030	56030	1-7/8"	48
55032	56032	2"	51
55033	56033	2-1/16"	52
55034	56034	2-1/8"	54
55036	56036	2-1/4"	57

## CARBIDE TIPPED

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

Bi-Metal Prod. No.	Carbide Tipped Prod. No.	Diameter	
		Inches	mm
55037	56037	2-5/16"	59
55038	56038	2-3/8"	60
55040	56040	2-1/2"	64
55041	56041	2-9/16"	65
55042	56042	2-5/8"	67
55044	56044	2-3/4"	70
55046	56046	2-7/8"	73
55048	56048	3"	76
55050	56050	3-1/8"	79
55052	56052	3-1/4"	83
55054	56054	3-3/8"	86
55056	56056	3-1/2"	89
55058	56058	3-5/8"	92
55060	56060	3-3/4"	95
55062	56062	3-7/8"	98
55064	56064	4"	102
55066	56066	4-1/8"	105
55068	56068	4-1/4"	108
55070	56070	4-3/8"	111
55072	56072	4-1/2"	114
55076	56076	4-3/4"	121
55080	56080	5"	127
55088	56088	5-1/2"	140
55092	56092	5-3/4"	146
55096	56096	6"	152

# 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.

## 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. Quick change arbors (57045 & 57072) permit change of hole saw without removal of arbor from chuck.

## 1/4" PILOT DRILLS

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

## ARBOR ADAPTOR

This arbor adaptor converts 1/2" -20 threaded arbors (57014, 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.



**BI-METAL PRO PACK  
HOLE SAW KIT #57515**

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

Includes:

- |                     |                                    |
|---------------------|------------------------------------|
| 1 - 3/4" hole saw   | 1 - 2-1/4" hole saw                |
| 1 - 7/8" hole saw   | 1 - 2-1/2" hole saw                |
| 1 - 1-1/8" hole saw | 1 - (57014) 1/4" round arbor       |
| 1 - 1-3/8" hole saw | 1 - (57045*) 7/16 hex arbor        |
| 1 - 1-1/2" hole saw | 3 - (57035) extra 1/4" pilot drill |
| 1 - 1-3/4" hole saw | Arbor adaptor included             |
| 1 - 2" hole saw     |                                    |

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

Includes:

- |                     |                                    |
|---------------------|------------------------------------|
| 1 - 3/4" hole saw   | 1 - 2-1/4" hole saw                |
| 1 - 7/8" hole saw   | 1 - (57014) 1/4" round arbor       |
| 1 - 1-1/8" hole saw | 1 - (57045*) 7/16 hex arbor        |
| 1 - 1-1/2" hole saw | 1 - (57035) extra 1/4" pilot drill |
| 1 - 1-3/4" hole saw |                                    |

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

Includes:

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

## CARBIDE TIPPED HOLE SAW KIT(#57507)

Includes:

- |                     |                                    |
|---------------------|------------------------------------|
| 1 - 3/4" hole saw   | 1 - 2-1/4" hole saw                |
| 1 - 7/8" hole saw   | 1 - 2-1/2" hole saw                |
| 1 - 1-1/8" hole saw | 1 - (57014) 1/4" round arbor       |
| 1 - 1-3/8" hole saw | 1 - (57045*) 7/16 hex arbor        |
| 1 - 1-1/2" hole saw | 1 - (57035) extra 1/4" pilot drill |
| 1 - 1-3/4" hole saw | 1 - (57000) arbor adaptor          |
| 1 - 2" hole saw     |                                    |

*\*Quick change design, with knurled collar*

## ARBORS (with high speed 1/4" pilot drills)

Prod. Number	Fits Hole Saws (Dia.)	Follows Through	Shank	Thread Size	Chuck Size
57014	9/16" - 1-3/16"	1" - 1-3/16"	1/4" round	1/2-20	1/4"
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"
57072*	1-1/4" - 6"	1-7/16" - 6"	5/8" hex	5/8-18	3/4"
57035	EXTRA 1/4" PILOT DRILL (FOR 1/4" RD., 7/16" hex & 5/8" hex) 4" LONG				
57036	EXTRA 1/4" PILOT DRILL (FOR 1/4" hex & 3/8" hex) 3" LONG				
57100	12" EXTENSION FOR 7/16" hex shank				

*\*Quick change design, with knurled collar*

## ARBOR ADAPTOR

- |       |  |
|-------|--|
| 57000 | Converts 1/2" - 20 threaded arbors (57014, 57015, 57016, 57018) to 5/8" - 18 thread size to accomodate larger diameter saws. |
|-------|--|



# **DIAMOND SAW WORKS, INC.**

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