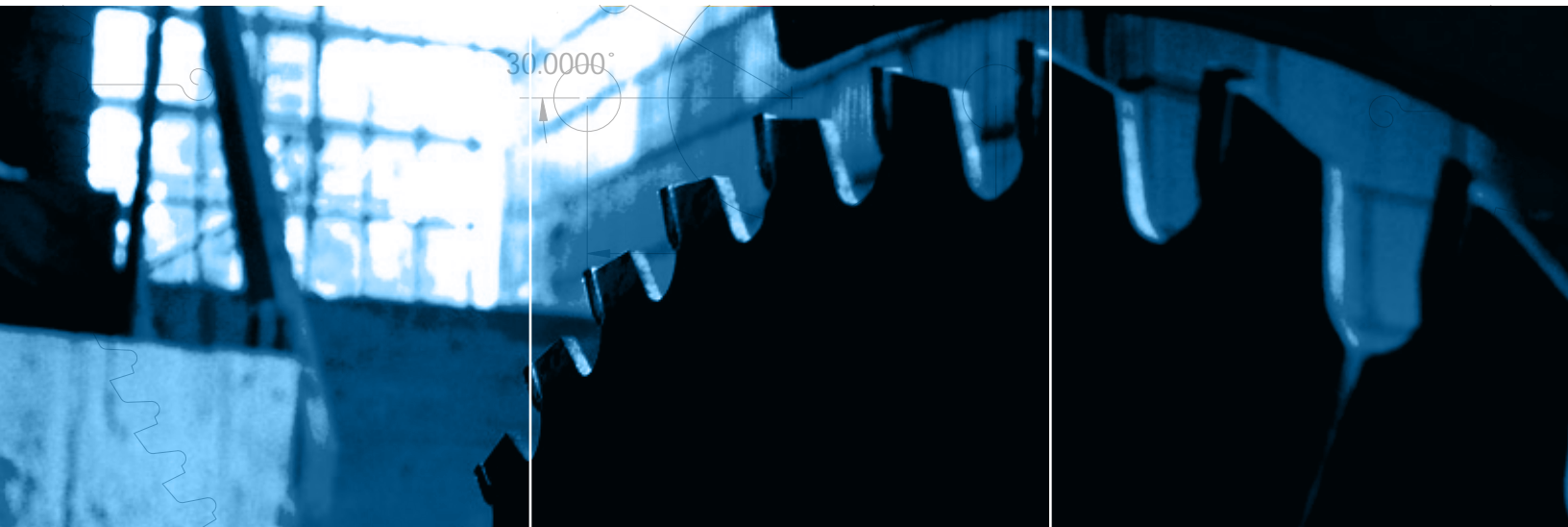


2010 *PLASTICS CATALOG*



General Saw Corporation
2518 Andalusia Blvd.
Cape Coral, FL 33909
T: 800-772-3691
F: 239-574-5328
E: sales@generalsaw.com
www.generalsaw.com

INFORMATION FOR PLASTIC FABRICATORS

FACTS YOU SHOULD KNOW.....

1. Most plastics are highly abrasive, therefore blades must be fitted with the hardest corrosion resistant carbide grades to obtain maximum blade life.
2. Cutting thin plastic sheets or extrusions requires blades with many teeth to reduce chip load per tooth, whereas thick sheets or extrusions require blades with fewer teeth to increase chip load, reduce friction, and reduce power requirements.
3. Plastics which tend to melt from the friction of cutting require tooth geometry designed to reduce this cutting friction.
4. In general, use the thinnest blade possible, such as a THIN RIM, or THIN KERF model. Thin blades 'push' easier, save material, and 'Tooth for Tooth' will cut cleaner.
5. Plastic cutting blades require VERY SHARP CUTTING EDGES. This degree of sharpness can only be achieved by grinding with VERY FINE GRIT diamond wheels.....600 mesh or finer is a MUST!
6. NEVER OVERRUN a blade! Have your blades sharpened at the first sign of dulling. Excessive dulling requires EXCESSIVE REGRINDING to regain a sharp edge.
7. It is strongly recommended that your blades be sent to a factory authorized service center, or to a repair service with a proven record for quality sharpening.

CUTTING ACRYLIC SHEET

CAST SHEET

Acrylic sheet is available as a CAST or EXTRUDED material. The Cast product is easily cut using a high quality blade fitted with the hardest available carbide tips, ground to a TCG (triple chip) or modified TCG configuration. General Saw manufactures many blade series designed to cut CAST acrylic.

BLADE SERIES FOR CUTTING CAST ACRYLIC

TR - Thin Rim
TL - Thin Line
PLG - General Purpose
PLH - Heavy Duty

EXTRUDED SHEET

The chemical fomulation of EXTRUDED acrylic sheet causes conventional blades to generate sufficient heat to MELT the plastic, leading to smearing, chipping and generally poor quality of cut. General Saw's "LOW MELT" geometry generates a minimum of cutting friction, thereby eliminating the cause of overheating. General Saw manufactures several "LOW MELT" blade series. Common ones are listed below.

"LOW MELT" SERIES FOR CUTTING EXTRUDED ACRYLICS

TRL - Thin Rim, Low Melt
TLL - Thin Line, Low Melt
PLL - Heavy Duty, Low Melt

BLADE DESIGNS FOR THE HENDRICKS AUTOMATIC HORIZONTAL PANEL MACHINES

General saw manufactures a super efficient, clean cutting, thin kerf, Series PLJ-5AF Panelmaster blade for use on horizontal automatic panel machines. These blades are equally effective cutting CAST or EXTRUDED acrylic sheet.(Refer to page 6, untitled "Very Thin Hi-Efficiency Blades for Hendricks Panel Machines".)

BLADE FOR EUROPEAN MANUFACTURE AUTOMATIC HORIZONTAL PANEL MACHINES

Panel machines of european manufacture operate best with General Saw's plastic panel saw series blade designs. Catalog Page 7 lists blades for the HOLZMA, GIBEN, SCHELLING and SCM machines.

SHARPENING PLASTIC CUTTING BLADES

THE PROBLEM

An almost universal complaint voiced by fabricators and distributors of plastic materials concerns their inability to achieve "like new" cutting performance of high quality plastic cutting blades after they have been sharpened.

THE SOLUTION

The simple answer to this problem is to return the blade to the manufacture, or to a FACTORY AUTHORIZED sharpening facility.

Your Production Manager, Cutting Room Supervisor, and/or experienced machine operators have no doubt learned that very few blade manufactures produce blades capable of giving the quality of cut required by the Plastics Industry, and most local blade sharpeners lack equipment, knowledge, or skills required to resharpen a quality plastic cutting blade to it's peak cutting condition.

The sharpening of a blade capable of producing NEW BLADE PERFORMANCE requires the following conditions:

1. Heavy Duty automatic saw grinding equipment
 - a) to soak up vibrations during grinding.
 - b) to assure repeatability of grinding conditions, tooth after tooth, after tooth.....
2. Routine maintenance of grinding equipment, including mounting arbors and bushings to guarantee blade tolerance.
3. Use of Ultrafine grinding wheels (600 grit or finer).
4. Inspection of blade body for flatness and tension
5. Inspection of blade concentricity (+/- .001").
6. Inspection of magnified (20X min.) cutting edges for sharpness.

Achieving the above conditions by your sharpening service is arduous and costly, demand constant vigilance by machine operators and supervisors. However, by meeting these conditions, your blades will perform as well as they did when new.

SAW STIFFENING COLLARS

Get maximum results from your saw blades by using General Saw's Stiffening collars. Stiffening collars serve three basic functions:

1. Stiffeners **reduce saw blade vibration**, thereby reducing the possibility of chipping the material being cut. Thin blades, similar to General's Thin Line Series benefit significantly from the additional support offered by stiffening collars. Heavier blades require only a single stiffener mounted to the outside (nut side) of the blade.
2. By reducing plate vibration, stiffening collars allow the stabilized blade to run quieter, thereby serving as a **noise reduction** device.
3. **Carefully clean your blade and all collars elements before mounting.** A single particle of grit wedged between the blade and the monuting collar can cause the blade to chip during cutting.

For best results select the largest practical collar diameter. Rule of thumb: Stiffeners should be 1/2 to 2/3 the diameter of the blade.

CATALOG NO.	COLLAR DIA.	BORE	THICKNESS
SC4-5/8	4"	5/8"	1/8"
SC5-5/8	5"	5/8"	1/8"
SC6-5/8	6"	5/8"	1/8"
SC7-5/8	7"	5/8"	1/8"
SC8-5/8	8"	5/8"	1/8"
SC8-1	8"	1"	1/8"
SC9-5/8	9"	5/8"	1/8"
SC9-1	9"	1"	1/8"
SC10-5/8	10"	1/8"	1/8"
SC10-1	10"	1"	1/8"

PLASTIC BLADES for TABLE MACHINES

Blades for 10" Table Machines

P L A S T I C	C A T A L O G N U M B E R												
	TR 10804	TRL 10804	TL 10804	TLL 10804	PLL 109004	PLF-TR 10962AF	PLG 10604	PLGNL 10904	PHN 1048BAT	PLN 10247	PLS 109003	PLU 1024	PLSS 10403
ACRYLIC, CAST	X		X				X						
ACRYLIC, EXTRUDED		X		X	X								
COPOLYESTER		X		X	X								
CORIAN®, AVONITE®, Etc.													X
COROPLAST®						X							
ENGRAVING STOCK		X		X									
FOAM BOARD						X							
LEXAN®				X				X					
MIRROR POLYCARB								X					
NYLON										X			
P V C				X			X						
PHENOLIC							X		X		X		
POLYCARBONATE				X				X					
POLYETHYLENE				X			X						
POLYPROPYLENE										X			
POLYURETHANE												X	
SINTRA®							X						
STYRENE								X					
UHMW-PE				X	X								
VINYL, RIGID								X					

Blades for Larger Table Machines.....

The chart above illustrates blades recommended for use on 10" Table Machines and may be used as a guide to select the appropriate BLADE SERIES for other diameters. As an example, the chart indicates three BLADE SERIES recommended for cutting EXTRUDED ACRYLICS, Series TRL, TLL, and PLL. Refer to catalog pages 13 to 15 and locate the tables containing all the blades manufactured in each SERIES. Select the blade with the correct diameter within the appropriate SERIES. For 12" machines the correct blades selections for the example given are: TRL12904, TLL121004, PLL121004. To determine the best of the three possibilities, analyze the specifications for each blade as given in the table and select the blade most suited to fit your application. If still in doubt, call a General Saw Cutting Technician at 1-800-772-3691 or 1-800-306-7297 and we will guide you to the right blade for your application.

Saw Blade Details for 10" Table Machines

CATALOG NO.	SPECIFICATIONS	CHARACTERISTICS
TR10804	10" X 80T x 5/8" B. x .078"K, TCM Grind	Thin Rim, Thin Kerf
TRL10804	10" X 80T x 5/8" B. x .085K, TCM Grind	Thin Rim, LOW MELT Geometry
TL10804	10" X 80T x 5/8" B. x .093"K, TCM Grind	Thin Plate, Thin Kerf
TLL10804	10" X 80T x 5/8" B. x .105"K, TCM Grind	Thin Plate, LOW MELT Geometry
PLL109004	10" X 90T x 5/8" B. x .120"K, TCM Grind	Heavy Duty, LOW MELT Geometry
PLF-TR10962AF	10" X 96T x 5/8" B. x .062"K, ATB/ASF	Ultra Thin, Razor Sharp
PLG10604	10" X 60T x 5/8" B. x .115"K, TCM Grind	General Duty Plastic
PLGNL10904	10" X 90T x 5/8" B. x .110"K, TCM Grind	Thin Kerf Negative Hook, LOW MELT Geometry
PHN1048BAT	10" X 48T x 5/8" B. x .140"K, BAT Grind	Heavy Duty Phenolic, Corian®, and similar plastics
PLN10247	10" X 24T x 5/8" B. x .135"K, 2+1 ATB Grind	Very COOL CUTTING, Low Drag, Low Friction
PLS10903	10" X 90T x 5/8" B. x .110"K, TCG	Thin Plate, Clean Cutting
PLU1024	10" X 24T x 5/8" B. x .103"K, "URETHANE"	Unique, Cool Cutting Design

PLASTIC BLADES for TABLE MACHINES

Blades for 10" Table Machines

PLASTIC	CATALOG NUMBER												
	TR 10804	TRL 10804	TL 10804	TLL 10804	PLL 109004	PLF-TR 10962AF	PLG 10604	PLGNL 10904	PHN 1048BAT	PLN 10247	PLS 109003	PLU 1024	PLSS 10403
ACRYLIC, CAST	X		X				X						
ACRYLIC, EXTRUDED		X		X	X								
COPOLYESTER		X		X	X								
CORIAN®, AVONITE®, Etc.													X
COROPLAST®						X							
ENGRAVING STOCK		X		X									
FOAM BOARD						X							
LEXAN®				X				X					
MIRROR POLYCARB								X					
NYLON										X			
P V C				X			X						
PHENOLIC							X		X		X		
POLYCARBONATE				X				X					
POLYETHYLENE				X			X						
POLYPROPYLENE										X			
POLYURETHANE												X	
SINTRA®							X						
STYRENE								X					
UHMW-PE										X			
VINYL, RIGID								X					

Blades for Larger Table Machines.....

The chart above illustrates blades recommended for use on 10" Table Machines and may be used as a guide to select the appropriate BLADE SERIES for other diameters. As an example, the chart indicates three BLADE SERIES recommended for cutting EXTRUDED ACRYLICS, Series TRL, TLL, and PLL. Refer to catalog pages 13 to 15 and locate the tables containing all the blades manufactured in each SERIES. Select the blade with the correct diameter within the appropriate SERIES. For 12" machines the correct blades selections for the example given are: TRL12904, TLL121004, PLL121004. To determine the best of the three possibilities, analyze the specifications for each blade as given in the table and select the blade most suited to fit your application. If still in doubt, call a General Saw Cutting Technician at 1-800-772-3691 or 1-800-306-7297 and we will guide you to the right blade for your application.

Saw Blade Details for 10" Table Machines

CATALOG NO.	SPECIFICATIONS	CHARACTERISTICS
TR10804	10" X 80T x 5/8" B. x .078"K, TCM Grind	Thin Rim, Thin Kerf
TRL10804	10" X 80T x 5/8" B. x .085K, TCM Grind	Thin Rim, LOW MELT Geometry
TL10804	10" X 80T x 5/8" B. x .093"K, TCM Grind	Thin Plate, Thin Kerf
TLL10804	10" X 80T x 5/8" B. x .105"K, TCM Grind	Thin Plate, LOW MELT Geometry
PLL109004	10" X 90T x 5/8" B. x .120"K, TCM Grind	Heavy Duty, LOW MELT Geometry
PLF-TR10962AF	10" X 96T x 5/8" B. x .062"K, ATB/ASF	Ultra Thin, Razor Sharp
PLG10604	10" X 60T x 5/8" B. x .115"K, TCM Grind	General Duty Plastic
PLGNL10904	10" X 90T x 5/8" B. x .110"K, TCM Grind	Thin Kerf Negative Hook, LOW MELT Geometry
PHN1048BAT	10" X 48T x 5/8" B. x .140"K, BAT Grind	Heavy Duty Phenolic, Corian®, and similar plastics
PLN10247	10" X 24T x 5/8" B. x .135"K, 2+1 ATB Grind	Very COOL CUTTING, Low Drag, Low Friction
PLS10903	10" X 90T x 5/8" B. x .110"K, TCG	Thin Plate, Clean Cutting
PLU1024	10" X 24T x 5/8" B. x .103"K, "URETHANE"	Unique, Cool Cutting Design

European HORIZONTAL PANEL MACHINES

Panelmaster Designed, Modified TCG Grind Blades

CUTTING ACRYLIC SHEET

HOLZMA MACHINES

60 mm Bore Blades

General Purpose + Heavy Duty
Blades Sheets from 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS35072604	350mm	72	.160"
PLPS38072604	380mm	72	.160"
PLPS40072604	400mm	72	.160"
PLPS42072604	420mm	72	.160"
PLPS45072604	450mm	72	.170"
PLPS50072604	500mm	72	.170"
PLPS52072604	520mm	72	.170"

Blades for Thin Sheets Only
Sheets under 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS350100604	350mm	100	.156"
PLPS380100604	380mm	100	.156"
PLPS400100604	400mm	100	.156"
PLPS400120604	400mm	120	.156"
PLPS420120604	420mm	120	.156"
PLPS450100604	450mm	100	.160"
PLPS450120604	450mm	120	.160"

GIBEN MACHINES

75 mm Bore Blades

General Purpose + Heavy Duty
Blades Sheets from 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS35072754	350mm	72	.160"
PLPS40072754	400mm	72	.160"
PLPS45072754	450mm	72	.170"
PLPS45080754	450mm	80	.170"

Blades for Thin Sheets Only
Sheets under 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS350100754	350mm	100	.156"
PLPS400100754	400mm	100	.156"
PLPS400120754	400mm	120	.156"
PLPS450100754	450mm	100	.160"
PLPS450120754	450mm	120	.160"

SCM GROUP MACHINES

80 mm Bore Blades

(Blades w/ 2 Pin Holes on a Bolt Circle)

General Purpose + Heavy Duty
Blades Sheets from 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS35072804	350mm	72	.160"
PLPS40072804	400mm	72	.160"
PLPS40080804	400mm	80	.160"
PLPS45072804	450mm	72	.170"
PLPS45080804	450mm	80	.170"

Blades for Thin Sheets Only
Sheets under 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS350100804	350mm	100	.156"
PLPS400100804	400mm	100	.156"
PLPS400120804	400mm	120	.156"
PLPS450100804	450mm	100	.160"
PLPS450120804	450mm	120	.160"

SCHELLING MACHINES

30 mm Bore Blades

General Purpose + Heavy Duty
Blades Sheets from 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS35072304	350mm	72	.160"
PLPS37072304	370mm	72	.160"
PLPS40072304	400mm	72	.160"
PLPS45072304	450mm	72	.170"
PLPS50072304	500mm	72	.170"

Blades for Thin Sheets Only
Sheets under 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS350100304	350mm	100	.156"
PLPS370100304	370mm	100	.156"
PLPS400100304	400mm	100	.156"
PLPS400120304	400mm	120	.156"
PLPS450100304	450mm	100	.160"
PLPS450120304	450mm	120	.160"

SCMI MACHINES

30 mm Bore Blades

(Certain SCMI Machines Require 1/4" Bores)

General Purpose + Heavy Duty
Blades Sheets from 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS35072304	350mm	72	.160"
PLPS40072304	400mm	72	.160"
PLPS45072304	450mm	72	.170"

Blades for Thin Sheets Only
Sheets under 3/16"

CATALOG NO.	DIA.	TEETH	KERF
PLPS350100304	350mm	100	.156"
PLPS400100304	400mm	100	.156"
PLPS400120304	400mm	120	.156"
PLPS450100304	450mm	100	.160"
PLPS450120304	450mm	120	.160"

General Saw Corporation manufactures blades for ALL panel machines.

BLADES for VERTICAL PANEL MACHINES

Safety Speed Cut

Vertical Panel Machines

(All Blades 8" Diameter x 5/8" Bores)

PLASTIC INDUSTRY		
ACRYLICS (.062 to 1/4" thick) "All purpose Acrylic Blade"	TRL08724 2" Thin Rim x .078 Kerf	"LOW MELT" geometry, thin rim and thin kerf make this the Ideal blade for THIN Acrylics sheet.
ACRYLICS (1/4" to 1/2" thick)	TLL08604 8" x 60 Teeth x TCM	"LOW MELT" geometry translates into clean, chip free cutting of all Acrylics.
ACRYLICS (1/2" to 1" thick)	TLL08484 48 Teeth x TCM	"LOW MELT" geometry and less teeth lets this blade cut thicker sheets like butter.
CORIAN® and PHENOLICS	VPC0848BAT 48 Teeth x BAT	Our Unique "BAT" grind is Ideal for cutting these tough plastics
LEXAN® and POLYCARBONATE	VPX087204 72 Teeth x TCM	An effective design for cutting polycarbonates.
NYLON and POLYPROPYLENE	VPN08247 24 Teeth x 2+1 ATB	Cool, easy cutting blade we engineered to cut these ultra low melt plastics.
FOAM BOARD with Paper Surface such as Fome Cor®	PLF8802AF 80 Teeth x .070"Kerf ATB / ASF	Ultra-thin kerf blade slices thru foam board without tearing the paper surfaces.
FOAM BOARD with Plastic Surface such as Gator Plast®	GATR-VPN8803 80 Teeth x .070"Kerf TCG Grind	Ultra-thin kerf blade cuts thru plastic surfaces of this foam board without chipping or tearing the surface.

MULTI-PURPOSE		
MELAMINE, Thin Plastic Sheet and Thin Aluminum Sheet & Extrusions	VP08803 80 Teeth x TCG Grind	This model best adapted to cut almost any material well except nylon and foamboard!

PLASTIC INDUSTRY		
MELAMINE coated panels and PLYWOOD sheet	VP08802 80 Teeth x Hi-ATB	Superb chip free cutting with this Premium 30° ATB Blade.
MELAMINE coated panels and PLYWOOD sheet	VPN08602 60T x 30°ATB x Neg.Hk.	Excellent results with General's Economy Melamine design.
General purpose blade for SOLID WOOD & PLYWOOD	VP08487 48 Teeth x 2+1 ATB	Easy feeding, Premium blade for smoth sides & chip free edges.

ALUMINUM		
ALUMINUM SHEET TO 1/4" & THIN WALL EXTRUSIONS	MBN08603 Negative Rake x .095"K	Thin kerf, strong backing, negative hook = ideal aluminum cutting!

Use of spray or wax stick lubricant is strongly recommended when cutting Aluminum!

BLADES for VERTICAL PANEL MACHINES

HOLZ-HER & STRIEBIG

Vertical Panel Machines

PLASTIC INDUSTRY		HOLZ-HER (220mm Dia x 30 mm Bore)	STRIEBIG (300mm Dia x 30 mm Bore)
ACRYLICS (¼" to ½" thick)	"LOW MELT" geometry translates into clean, chip free cutting of all Acrylics.	VPL22070304 70 Teeth x TCM	VPL300100304 100 Teeth x TCM
ACRYLICS (½" to 1" thick)	"LOW MELT" geometry and less teeth lets this blade cut thicker sheets like butter.	VPL22042304 42 Teeth x TCM	VPL30054304 54 Teeth x TCM
CORIAN and PHENOLICS	Our Unique "BAT" grind is Ideal for cutting these touch plastics	VP2204230BAT 42 Teeth x BAT	VP2205430BAT 54 Teeth x BAT
LEXAN and POLYCARBONATES	A most effective design for cutting polycarbonates.	VPX22080304 80 Teeth x TCM	VPX300100304 100 Teeth x TCM
NYLON and POLYPROPYLENE	Cool, easy cutting blade we engineered to cut these ultra low melt plastics.	VPN22021307 21 Teeth x 2+1ATB	VPN30030307 30 Teeth x 2+1ATB
FoamBoard with Paper Surface such as Fome-Cor®	This ultra-thin kerf blade (.070") slices thru foam board without tearing the paper surface.	PLJ22090302AF 90 Teeth x Negative Hook .070"K x ATB/AFB	PLJ300120302AF 120 Teeth x Negative Hook x ATB/AFB
FoamBoard with Plastic Surfaces such as GatorPlast®	Ultra-thin kerf blade cuts thru plastic surfaces of this foam board without chipping or tearing the surface.	GATR-VPN22090303 90 Teeth x Negative Hook .075"K x TCG	GATR-VPN300120303 120 Teeth x Negative Hook .090"K x TCG
WOODWORKING INDUSTRY		HOLZ-HER (220mm Dia x 30 mm Bore)	STRIEBIG (300mm Dia x 30 mm Bore)
MELAMINE coated panels and PLYWOOD sheet.	Superb chip free cutting with the premium 30° ATB blade.	VP22070302 70 Teeth x 30°ATB	VP300100302 100 Teeth x 30°ATB
General Purpose blade for SOLID WOOD and PLYWOOD.	Easy feeding, Premium quality blade yeilding smooth sides & chip free edges.	VP22042307 42 Teeth x 2+1 ATB	VP30054307 54 Teeth x 2+1 ATB
ALUMINUM		HOLZ-HER (220mm Dia x 30 mm Bore)	STRIEBIG (300mm Dia x 30 mm Bore)
ALUMINUM SHEETS TO 1/4" & THIN WALL EXTRUSIONS	Thin kerf, strong backing, negative hook equate to ideal aluminum cutting!	VP22070303 70 Teeth x TCG Negative Hook	VP30090303 90 Teeth x TCG Negative Hook

Use of spray or wax stick lubricant is strongly recommended when cutting Aluminum!

BLADES for CUTTING *E-X-T-R-U-S-I-O-N-S*

E-X-T-R-U-S-I-O-N-S

The cutting of PLASTIC EXTRUSIONS is one of the many plastic applications satisfied by General Saw blade designs. Whether your application includes use of a chop saw, radial arm machine, table saw, or in-line cutoff machine, General saw has a blade design for your machine and your plastic material.

All General Saw Plastic Cutting Blades are superior quality cutting tools. Tight tolerances are set for plate wobble and tooth concentricity. Blades are tensioned to run quiet and true at normal operating speeds. Ultra fine grain, super hard carbide tips are finish ground with fine grit diamond wheels. to get the best edge obtainable.

TABLE SAWS

RADIAL ARM MACHINES

CHOP and MITRE CHOP MACHINES

SERIES PLGN Excellent design for most Plastic Materials		
DIA.	CATALOG NO.	SPECIFICATIONS
10"	PLGN10904	10" x 90T x 5/8" Bore x .110" Kerf, Low Melt, TCM, Neg.
12"	PLGN121004	12" x 100T x 1" Bore x .115" Kerf, Low Melt, TCM, Neg.
14"	PLGN141004	14" x 100T x 1" Bore x .118" Kerf, Low Melt, TCM, Neg.
15"	PLNG151004	15" x 100T x 1" Bore x .118" Kerf, Low Melt, TCM, Neg.
16"	PLGN161204	16" x 120T x 1" Bore x .122" Kerf Low Melt, TCM, Neg.

IN-LINE EXTRUSION MACHINES

SERIES PLSX PVC, ABS, POLYETHYLENE		
DIA.	CAT. NO.	SPECIFICATIONS
10"	PLSX10903	10" x 90T x 5/8" Bore x .110" K.
12"	PLSX121003	12" x 100T x 1" Bore x .115" K.
14"	PLSX141003	14" x 100T x 1" Bore x .118" K.
16"	PLSX161203	16" x 120T x 1" Bore x .118" K.
18"	PLSX181303	18" x 130T x 1" Bore x .122" K.
20"	PLSX201503	20" x 150T x 1" Bore x .122" K.

SERIES PLPN STYRENE, Rigid VINYL, POLYCARBONATE		
DIA.	CAT. NO.	SPECIFICATIONS
10"	PLPN10904	10" x 90T x 5/8" Bore x .120" K.
12"	PLPN121004	12" x 100T x 1" Bore x .130" K.
14"	PLPN141204	14" x 120T x 1" Bore x .135" K.
16"	PLPN161204	16" x 120T x 1" Bore x .140" K.
18"	PLPN181504	18" x 150T x 1" Bore x .150" K.
20"	PLPN201804	20" x 180T x 1" Bore x .170" K.

PLASTIC BLADES for RADIAL ARM MACHINES

RADIAL ARM MACHINE BLADES

PLASTIC MATERIAL	DIA.	THICKNESS of PLASTIC SHEET			
		TO 1/4"	TO 1/2"	TO 1"	TO 2"
EXTRUDED ACRYLIC Low Melt	10"	TRL1804	TLL10724	TLLN10604	PLLN10404
	12"	TRL12904	TLLN12804	TLLN12604	PLLN12404
	14"	TRL141004	PLLN14804	PLLN14804	PLLN14404
	16"	PLS161004	PLLN161004	PLLN16804	PLLN16404
CAST ACRYLIC	10"	TR10804	TLN10724	PLGN10604	PLHN10404
	12"	TR121004	TLN12724	PLGN12724	PLHN12404
	14"	TR141004	PLGN14804	PLGN14804	PLHN14404
	16"	PLS161004	PLGN16804	PLGN16804	PLHN16604
POLYCARBONATE AND STYRENE	10"	PLGN10904	PLGN10804	PLLN10604	PLL10604
	12"	PLGN121004	PLGN12904	PLLN12804	PLLN12604
	14"	PLGN141204	PLGN14904	PLLN14804	PLLN14604
	16"	PLGN161204	PLGN161004	PLLN16804	PLLN16604
PHENOLIC	10"	TR10803	TL10803	PHN1048BAT	PHN1040BAT
	12"	TR121003	TL121003	PHN1248BAT	PHN1240BAT
	14"	TR141003	PLS141003	PHN1460BAT	PHN1440BAT
	16"	PLS161203	PLS161003	PHN1680BAT	PHN1640BAT
NYLON and POLYPROPYLENE	10"	PLN10247			
	12"	PLN12307			
	14"	PLN14367			
	16"	PLN16457			
CORIAN®, AVONITE®, Etc.	10"	PLSSN10604			PLSSN10484
	12"	PLSSN12604			PLSSN12484
	14"	PLSSN14604			PLSSN14484
	16"	PLSSN16804			PLSSN16604
VINYL, PVC, POLYETHYLENE	10"	PLGN10904	PLGN10804	PLGN10724	PLGN10604
	12"	PLGN121004	PLGN121004	PLGN12804	PLGN12724
	14"	PLGN141204	PLGN141004	PLGN14904	PLGN14804
	16"	PLGN161204	PLGN161004	PLGN161004	PLGN16804
FOAMBOARD Paper Surfaced such as Fome-Cor®	10"	PLF-TR10962AF		PLF10962AF	
	12"	PLF-TR121202AF		PLF121202AF	
	14"	PLF-TR141402AF		PLF141402AF	
	16"	PLF-TR161602AF		PLF161602AF	
FOAMBOARD Plastic Surface such as GatorPlast®	10"	GATR-TR10963		GATR-PN10963	
	12"	GATR-TR121203		GATR-PN121203	
	14"	GATR-TR141403		GATR-PN141403	
	16"	GATR-TR161603		GATR-PN161603	

NYLON, GLASS NYLON & POLYPROPYLENE

General Saw's **Series PLN** blades are engineered to cut **NYLON** and **POLYPROPYLENE** sheet and rod easily, cleanly and without melting. Series PLN blades work equally well on chop saws, table saws, radial arm machines and automatic panel machines.

Series PLN4 blades have been specially developed for cutting "Glass" Nylon

PLN SERIES- Nylon & Polypropylene

Catalog Number	Dia.	Teeth	Kerf	Bore
PLN10247	10"	24	.135"	5/8"
PLN12307	12"	30	.135"	1"
PLN14367	14"	36	.149"	1"
PLN16457	16"	45	.149"	1"
PLN18487	18"	48	.170"	1"
PLN20547	20"	54	.184"	1"

PLN-4 SERIES- "Glass" Nylon

Catalog Number	Dia.	Teeth	Kerf	Bore
PLN10244	10"	24	.135"	5/8"
PLN12304	12"	30	.135"	1"
PLN14364	14"	36	.149"	1"
PLN16454	16"	45	.149"	1"
PLN18484	18"	48	.170"	1"
PLN20544	20"	54	.184"	1"

FOAMBOARD

General Saw has developed a line of blades expressly designed to cut light weight, **paper covered foam** art and sign board such as **Fome-cor®**, and a second line of blades expressly designed to cut foamboard fabricated with a stiff plastic sheeting such as International Paper's **GatorPlast®**.

Series PLF and GATR are **ultra thin kerf** blades fitted with a maximum number of negative rake teeth.

Series PLF blades, designed to cut paper coated foamboard are fitted with sharply pointed, shear face teeth that produce **razor sharp cuts**.

Series GATR blades, designed to cut stiff plastic covered foamboard are fitted with clean cutting TCG ground tips.

TABLE SAW APPLICATIONS

Diam.	Teeth	Kerf	Rim Width	Bore
8"	80	.070"	N/A	5/8"
10"	96	.075"	N/A	5/8"
10"	96	.065"	1-1/4"	5/8"
12"	120	.090"	N/A	1"
12"	120	.068"	1-1/4"	1"
14"	140	.098"	N/A	1"

PLF SERIES Paper Covered Foam ATB / AFB Grind

Catalog Number
PLF8802AF
PLF10962AF
PLF-TR10962AF (Thin Rim)
PLF121202AF
PLF-TR121202AF (Thin Rim)
PLF141402AF

GATR SERIES Plastic Covered Foam TCG Grind

Catalog Number
GATR-T8803
GATR-T10963
GATR-TR10963 (Thin Rim)
GATR-T121203
GATR-TR121203 (Thin Rim)
GATR-T141403

HORIZONTAL PANEL MACHINE APPLICATIONS

Diam.	Teeth	Kerf	Rim Width	Bore
12"	120	.090"	N/A	1"
14"	140	.098"	N/A	1"
16"	160	.110"	N/A	1"
18"	180	.120"	N/A	1"
20"	200	.125"	N/A	1"

PLF SERIES Paper Covered Foam ATB / AFB Grind

Catalog Number
PLF121202AF
PLF141402AF
PLF161602AF
PLF181802AF
PLF202002AF

GATR SERIES Plastic Covered Foam TCG Grind

Catalog Number
GATR-PB121203
GATR-PB141403
GATR-PB161603
GATR-PB181803
GATR-PB202003

VERTICAL PANEL MACHINE APPLICATIONS

See Catalog Pages 8 and 9.

SERIES LISTING of Plastic Saw Blades

PHN SERIES - Phenolics

'Bat' Grind; 10 Degree Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PHN0848BAT	8"	48	.125"	.086"	5/8"
PHN1048BAT	10"	48	.135"	.093"	5/8"
PHN1248BAT	12"	48	.145"	.095"	1"
PHN1460BAT	14"	60	.160"	.110"	1"
PHN1660BAT	16"	60	.170"	.120"	1"

PLSS SERIES - Corian®, Avonite, Etc.

For Table Saw Applications

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLSS08403	8"	40	.125"	.085"	5/8"
PLSS10403	10"	40	.135"	.095"	5/8"
PLSS12403	12"	40	.145"	.110"	1"

PLSS SERIES - Corian®, Avonite, Etc.

For Radial Arm & Overhead Machines

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLSS08604	8"	60	.135"	.095"	5/8"
PLSS10604	10"	60	.145"	.110"	5/8"
PLSS12604	12"	60	.155"	.120"	1"

PLC-BAT SERIES - Corian®

"Bat" Grind; 5 Degree Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLC0848BAT	8"	48	.125"	.086"	5/8"
PLC1048BAT	10"	48	.135"	.093"	5/8"
PLC1248BAT	12"	48	.145"	.098"	1"
PLC1460BAT	14"	60	.160"	.110"	1"
PLC1660BAT	16"	60	.170"	.120"	1"

PLC-9 SERIES - Corian®

#9 TCG/AFB Grind; 5 Degree Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLC08609	8"	60	.120"	.085"	5/8"
PLC10609	10"	60	.128"	.095"	5/8"
PLC10809	10"	80	.125"	.090"	5/8"
PLC12609	12"	60	.150"	.109"	1"
PLC12809	12"	80	.130"	.093"	1"
PLC14609	14"	60	.160"	.115"	1"
PLC14809	14"	80	.150"	.110"	1"
PLC161009	16"	100	.155"	.115"	1"

PLF SERIES - Foamboard ATB/AFB; Neg.

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLF8802AF	8"	80	.070"	.055"	5/8"
PLF10962AF	10"	96	.075"	.062"	5/8"
PLF121202AF	12"	120	.090"	.070"	1"
PLF141402AF	14"	140	.098"	.078"	1"
PLF161602AF	16"	160	.110"	.090"	1"
PLF181802AF	18"	180	.120"	.100"	1"
PLF202002AF	20"	200	.125"	.105"	1"

PLF-TR SERIES - Foamboard -Thin Rim

ATB/AFB Grind; 10 Degree Hook

CAT. NO.	Dia.	Teeth	Kerf	Rim	Bore
PLF-TR10962AF	10"	96	.063"	1/4"	5/8"
PLF-TR121202AF	12"	120	.068"	1/4"	1"
PLF-TR141402AF	14"	140	.075"	1-3/4"	1"
PLF-TR161602AF	16"	160	.075"	1-3/4"	1"

PLG SERIES - General Purpose

TCG Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLG08603	8"	60	.100"	.070"	5/8"
PLG10603	10"	60	.115"	.085"	5/8"
PLG10723	10"	72	.115"	.085"	5/8"
PLG10803	10"	80	.115"	.085"	5/8"
PLG12723	12"	72	.125"	.093"	1"
PLG12803	12"	80	.125"	.093"	1"
PLG14723	14"	72	.145"	.105"	1"
PLG14803	14"	80	.145"	.105"	1"
PLG16803	16"	80	.150"	.110"	1"

PLGN SERIES - Lexan®, Styrene, Hard Vinyl

Thin Kerf, Low Melt, Neutral Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLC0848BAT	8"	48	.125"	.086"	5/8"
PLC1048BAT	10"	48	.135"	.093"	5/8"
PLC1248BAT	12"	48	.145"	.095"	1"
PLC1460BAT	14"	60	.160"	.110"	1"
PLC1660BAT	16"	60	.170"	.120"	1"

PLH SERIES - Heavy Duty Saws

TCG Grind Positive Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLH10603	10"	60	.135"	.095"	5/8"
PLH12403	12"	40	.145"	.100"	1"
PLH12603	12"	60	.145"	.100"	1"
PLH14603	14"	60	.160"	.115"	1"
PLH16603	16"	60	.170"	.120"	1"
PLH16803	16"	80	.170"	.120"	1"
PLH18804	18"	80	.180"	.130"	1"
PLH181004	18"	100	.180"	.130"	1"
PLH181204	18"	120	.170"	.120"	1"
PLH20804	20"	80	.180"	.130"	1"
PLH201004	20"	100	.180"	.130"	1"
PLH201204	20"	120	.170"	.120"	1"

SERIES LISTING of Plastic Saw Blades

PLJ-AF SERIES - Hendricks Panel Machines

Ultra Thin Kerf; Unique ATB/AFB Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLJ141005AF	14"	100	.126"	.100"	1"
PLJ141205AF	14"	120	.126"	.100"	1"
PLJ161005AF	16"	100	.131"	.100"	1"
PLJ161205AF	16"	120	.131"	.100"	1"
PLJ18805AF	18"	80	.138"	.102"	1"
PLJ181005AF	18"	100	.134"	.102"	1"
PLJ181205AF	18"	120	.134"	.102"	1"
PLJ20805AF	20"	80	.138"	.105"	1"
PLJ201005AF	20"	100	.138"	.102"	1"
PLJ201205AF	20"	120	.138"	.102"	1"

PLJ-4 SERIES - Hendricks Panel Machine

Thin Kerf; Triple Chip Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLJ141004	14"	100	.126"	.100"	1"
PLJ141204	14"	120	.126"	.100"	1"
PLJ161004	16"	100	.131"	.100"	1"
PLJ161204	16"	120	.131"	.100"	1"
PLJ188054	18"	80	.138"	.102"	1"
PLJ181004	18"	100	.134"	.102"	1"
PLJ181204	18"	120	.134"	.102"	1"
PLJ20804	20"	80	.138"	.105"	1"
PLJ201004	20"	100	.138"	.102"	1"
PLJ201204	20"	120	.138"	.102"	1"

SSC SERIES - Scoring Saws for Hendricks

Machines Conical with ATB Grind

CAT. NO.	Dia.	Teeth	Kerf	Bore
SSC6302	6"	30	Matching	1"
SSC8402	8"	40	Matching	1"

VP-AF SERIES - for Hendricks Vertical Panel

Ultra Thin Kerf; Unique ATB/AFB Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
VP14805AF	14"	80	.126"	.087"	1"
VP141005AF	14"	100	.126"	.087"	1"
VP141205AF	14"	120	.126"	.087"	1"

VP-AF SERIES - for Hendricks Vertical Panel

Ultra Thin Kerf; Modified TCG Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
VP14804	14"	80	.132"	.086"	1"
VP141004	14"	100	.132"	.086"	1"
VP141204	14"	120	.132"	.086"	1"
VPL141204 Lexan®	14"	120	.132"	.086"	1"

PLJN SERIES - for Hendricks Overhead Rail

Machines; Thin Kerf; ATB/AFB Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLJN10905AF	10"	90	.100"	.070"	5/8"
PLJN12905AF	12"	90	.105"	.075"	1"
PLJN141005AF	14"	100	.118"	.088"	1"
PLJN141205AF	14"	120	.118"	.088"	1"

PLL SERIES - "Low Melt" for Extruded

Acrylics and other heat sensitive Plastics; TCM

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLL08724	8"	72	.115"	.083"	5/8"
PLL10724	10"	72	.135"	.095"	5/8"
PLL10804	10"	80	.135"	.095"	5/8"
PLL109004	10"	90	.120"	.085"	5/8"
PLL12804	12"	80	.155"	.115"	1"
PLL121004	12"	100	.145"	.110"	1"
PLL14804	14"	80	.165"	.118"	1"
PLL141004	14"	100	.165"	.118"	1"
PLL16804	16"	80	.165"	.118"	1"
PLL161204	16"	120	.165"	.118"	1"
PLL181004	18"	100	.170"	.125"	1"
PLL181204	18"	120	.170"	.125"	1"

PLN SERIES - Nylon, Polypropylene, Teflon

Cool Cutting 2 + 1 ATB Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLN10247	10"	24	.135"	.091"	5/8"
PLN12307	12"	30	.135"	.095"	1"
PLN14367	14"	36	.149"	.109"	1"
PLN16457	16"	45	.149"	.109"	1"
PLN18487	18"	48	.170"	.120"	1"
PLN20547	20"	54	.184"	.134"	1"

PLN-4 SERIES - Glass Filled Nylon

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLN10244	10"	24	.135"	.091"	5/8"
PLN12304	12"	30	.135"	.095"	1"
PLN14364	14"	36	.149"	.109"	1"
PLN16454	16"	45	.149"	.109"	1"
PLN18484	18"	48	.170"	.120"	1"
PLN20544	20"	54	.184"	.134"	1"

PLPN SERIES - In-Line Extrusion Machines

for Lexan®, Styrene, Hard Vinyl
Low Melt Geometry, Neutral Hook

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLPN10904	10"	90	.120"	.083"	5/8"
PLPN121004	12"	100	.130"	.090"	1"
PLPN141204	14"	120	.135"	.095"	1"
PLPN161204	16"	120	.140"	.095"	1"
PLPN181504	18"	150	.150"	.105"	1"
PLPN201804	20"	180	.170"	.120"	1"

SERIES LISTING of Plastic Saw Blades

PLS SERIES - Hard, Thin, Plastic Sheet

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLS08723	8"	72	.100"	.075"	5/8"
PLS08803	8"	80	.100"	.075"	5/8"
PLS109003	10"	90	.110"	.080"	5/8"
PLS12903	12"	90	.120"	.090"	1"
PLS121003	12"	100	.120"	.090"	1"
PLS141003	14"	100	.135"	.105"	1"
PLS141203	14"	120	.135"	.105"	1"
PLS161003	16"	100	.145"	.109"	1"
PLS161203	16"	120	.145"	.109"	1"

PLSX SERIES - In-Line Extrusion Machines

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLSX108003	10"	80	.135"	.110"	5/8"
PLSX12903	12"	90	.145"	.115"	1"
PLSX141003	14"	100	.155"	.115"	1"
PLSX161203	16"	120	.165"	.120"	1"
PLSX181303	18"	130	.170"	.125"	1"
PLSX201503	20"	150	.180"	.140"	1"

SAFETY SPEED CUT SERIES

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
VPN08247	8"	24	.115"	.075"	5/8"
VPC0848BAT	8"	48	.128"	.086"	5/8"
TLL08484	8"	48	.105"	.065"	5/8"
TLL08604	8"	60	.095"	.060"	5/8"
VPX087204	8"	72	.095"	.060"	5/8"
TRL08724	8"	72	.078"	thin rim	5/8"
PLF08802AF	8"	80	.070"	.055"	5/8"
GATR-VP8803	8"	80	.070"	.055"	5/8"

HOLZ-HER VERTICAL PANEL SERIES

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
VPN22021307	220mm	21	.125"	.082"	30mm
VPC2204230BAT	220mm	42	.125"	.082"	30mm
VPL22042304	220mm	42	.125"	.082"	30mm
VPL22070304	220mm	70	.125"	.082"	30mm
VPX22080304	220mm	80	.125"	.082"	30mm
PLF22090302AF	220mm	90	.070"	.058"	30mm
GATR-VPN22090303	220mm	90	.075"	.058"	30mm

STRIEBIG VERTICAL PANEL SERIES

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
VPN30030307	300mm	30	.135"	.095"	30mm
VPC3005430BAT	300mm	54	.135"	.095"	30mm
VPL30054304	300mm	54	.135"	.095"	30mm
VPL300100304	300mm	100	.135"	.095"	30mm
VPX300100304	300mm	100	.135"	.095"	30mm
PLF300120302AF	300mm	120	.085"	.068"	30mm
GATR-VPN300120303	300mm	120	.090"	.073"	30mm

TL SERIES - Thin Line Plastic Blades Thin Kerf Blades

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
TL08603	8"	60	.080"	.060"	5/8"
TL08723	8"	72	.080"	.060"	5/8"
TL108003	10"	80	.085"	.065"	5/8"
TL128003	12"	80	.095"	.070"	1"
TL121003	12"	100	.095"	.070"	1"

TLL SERIES- "Low Melt", Thin Kerf Blades Extruded Acrylics and other heat sensitive; TCG Grind

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
TLL10804	10"	80	.105"	.065"	5/8"
TLL121004	12"	100	.105"	.065"	1"

TR SERIES- Thin Rim Plastic Blades

CAT. NO.	Dia.	Teeth	Kerf	Rim	Bore
TR086003	8"	60	.075"	2"	5/8"
TR087203	8"	72	.075"	2"	5/8"
TR108003	10"	80	.080"	2"	5/8"
TR101003	10"	80	.080"	2"	5/8"
TR129003	12"	90	.085"	2"	1"
TR121003	12"	100	.085"	2"	1"
TR141003	14"	100	.090"	2"	1"

TR 1/16" SERIES 1/16" Kerf Thin Rim Special Order Only

CAT. NO.	Dia.	Teeth	Kerf	Rim	Bore
TR08600316	8"	60	1/16"	2"	5/8"
TR08720316	8"	72	1/16"	2"	5/8"
TR0880316	8"	80	1/16"	2"	5/8"
TR10800316	10"	80	1/16"	2"	5/8"
TR10100316	10"	100	1/16"	2"	5/8"
TR12900316	12"	90	1/16"	2"	1"
TR12100316	12"	100	1/16"	2"	1"

TRL SERIES- Thin Rim, "Low Melt"

CAT. NO.	Dia.	Teeth	Kerf	Rim	Bore
TRL10804	10"	80	.135"	2"	5/8"
TRL12904	12"	90	.135"	2"	1"
TRL14904	14"	90	.135"	2"	1"

PLU SERIES- Polyurethane Durometer 85 and denser

CAT. NO.	Dia.	Teeth	Kerf	Plate	Bore
PLU1024	10"	24	.103"	.065"	5/8"
PLU1230	12"	30	.110"	.072"	1"
PLU1436	14"	36	.115"	.078"	1"

Distributed By:

GENERAL SAW CORPORATION

2518 Andalusia Boulevard

Cape Coral, Florida 33909

800-772-3691 or 800-306-7297

Phone: 239-574-2707

Fax: 239-574-5328

Website: www.generalsaw.com

E-mail: gensaw@generalsaw.com