



Zone Fly is a Chinese OEM manufacture on TCT saw blades, diamond saw blades, we export and distribute the diamond cutting tools, TCT circular saw blades, Drill Bits, diamond cup wheel to the worldwide.



Our Cutting tools, the **TCT Circular Saw Blades**, (**tungsten carbide tipped**) use C3, C2 and C4 (YG8, YC1, etc) carbide tipped progress by the auto and laser machine. So we can supply the quality **Circular Saw Blades** for woodworking, can suit for hard and soft wood, aluminum, aluminium alloy, copper, and other metal.



The last technology **CVD diamond film coating** Tungsten Carbide Tipped are used in our Hi-Super Circular Saw Blade, can supply 15-20 times cutting life and cutting effect then the C3 Carbide. Give you smooth, finishing, low-noise long life cutting.

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The tungsten carbide tipped circuLABr saw blades are designed for many special applications and can be used to cut a variety of materials. They are manufactured with finest tungsten carbide tips and different tooth design for special use. All carbide tipped blades can be re-sharpened or re-tipped for longer sawing life.

Operating Conditions

- Machine cover is essential to minimize the injuries by flying broken blades.
- Irrelevant people are not allowed in the work shop.
- Flammables and explosives should be kept away from the work floor.

Safety Measures

- Wear glasses when working, to prevent from injuries by broken blades.
- Watch out for your ties and sleeves. Long hair should be kept inside the cap, and no gloves are allowed during operation.

Before Use

- Ensure the machines are in good condition with no deformation and no spindle vibration, the spindle's running tolerance can h7.
- Make sure the blades are not excessively worn-out, blade body has no deformation or breaks lest injuries occur.
- Make sure appropriate saw blades are used.

Installation

- Ensure the saw blade turns in the same direction as the spindle does. If not, accidents are likely to occur.
- Choose the flange whose inner diameter is the same as that of the saw blade but the outer diameter is a little larger than 1/3 (for multi-rip saw blade is 1/2) of the saw blade. Ensure the flange is clean, not over worn, bent and distorted shape.
- Check the tolerance between the saw blade and the spindle. Install the flange and fasten the screw.
- Be sure no people stand in front of the machine when starting the machine. Do not feed, just to check whether there is a vibration, radial or axial run out.
- Saw blade reprocessing such as bore trimming or re-boring, should be finished by the factory. Poor reprocessing would lead to poor quality and may cause injuries.
- While installation, the saw blade should be 5-6 teeth higher than the board surface.

In Use

- In operation wood materials should be properly fixed lest abnormal cutting occurs.
- The operation must be stopped rightly once unusual noise and vibration occurs, if not, rough surface and tip-breaking many occur.

After Use

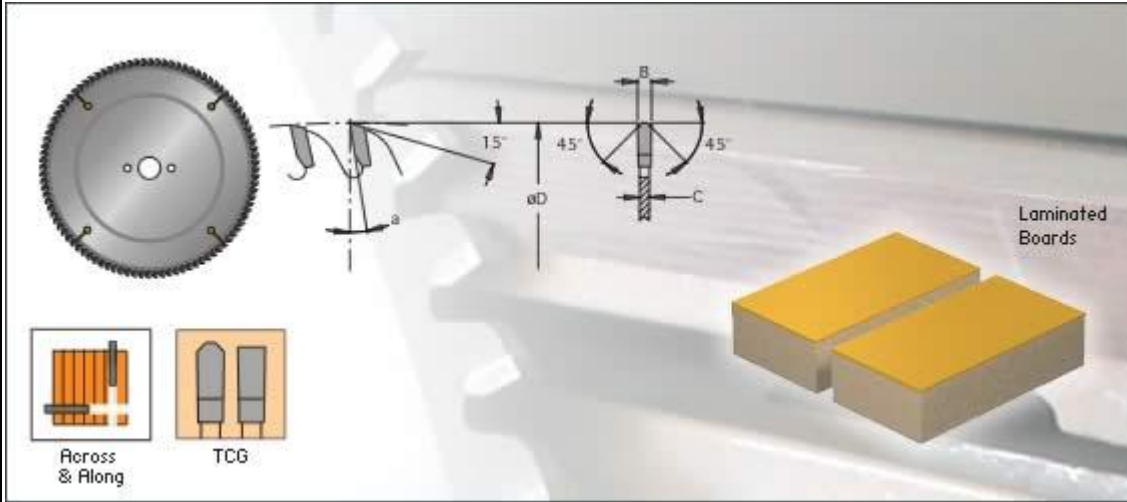
- Saw blade should be re-sharpened because dull saw blades many affect cutting effect and lead to accidents.
- Re-sharpening should be made by professional factories, not changing the original teeth angle degrees.



Zone Fly Industrial & Trade Co., Ltd.

Finishing Saw Blades - Triple Chip Saw Blades (TCG)

Designed for both dry soft & hard wood across or along cutting Also can be used to cut shaving board, wood fiber board and Joinery board, laminates board.



Tool No.	Diameter	Teeth	Kerf	Bore
7 1/4-42TCG	7 1/4"	42	.118" (3.0mm)	5/8"
8-48 TCG	8"	48	.118" (3.0mm)	5/8"
8-64 TCG	8"	64	.118" (3.0mm)	5/8"
220-64 TCG	220mm	64	.126" (3.2mm)	30mm
9-40 TCG	9"	40	.118" (3.0mm)	5/8"
9-60 TCG	9"	60	.118" (3.0mm)	5/8"
10-40 TCG	10"	40	.126" (3.2mm)	5/8"
10-60 TCG	10"	60	.126" (3.2mm)	5/8"
10-80 TCG	10"	80	.126" (3.2mm)	5/8"
10-80 TCG-1	10"	80	.126" (3.2mm)	1"
12-60 TCG	12"	60	.126" (3.2mm)	1"
12-72 TCG	12"	72	.126" (3.2mm)	1"
12-72 TCG-30	12"	72	.126" (3.2mm)	30mm
12-96 TCG	12"	96	.126" (3.2mm)	1"
14-72 TCG	14"	72	.155" (4.0mm)	1"
14-72 TCGX	14"	72	.138" (3.5mm)	1"
14-84 TCG	14"	84	.155" (4.0mm)	1"
14-84 TCGX	14"	84	.138" (3.5mm)	1"
14-108 TCGX	14"	108	.138" (3.5mm)	1"
14-112 TCG	14"	112	.155" (4.0mm)	1"
16-60 TCGX	16"	60	.138" (3.5mm)	1"
16-80 TCG	16"	80	.155" (4.0mm)	1"
16-96 TCGX	16"	96	.138" (3.5mm)	1"
16-96 TCG	16"	96	.157" (4.0mm)	1"
16-120 TCGX	16"	120	.138" (3.5mm)	1"

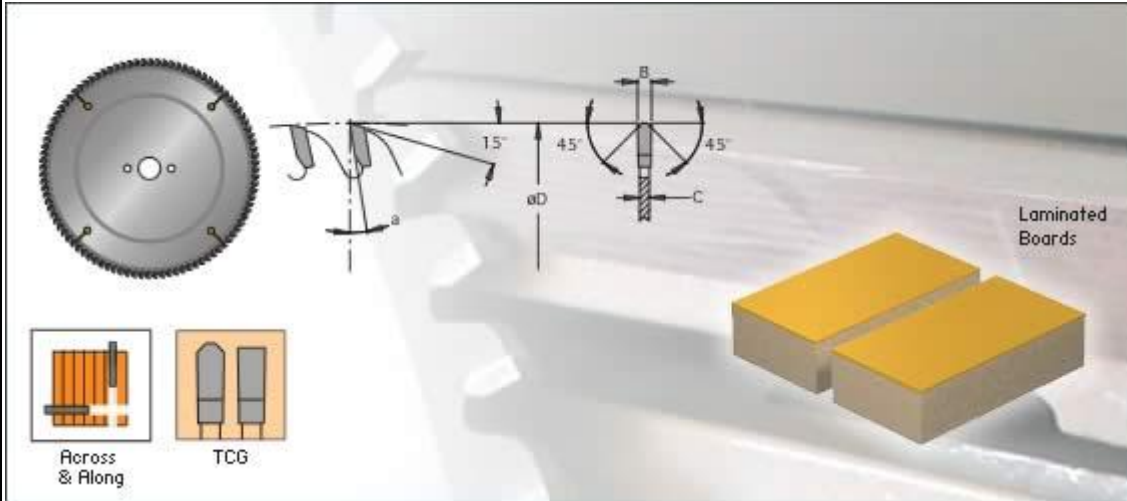


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Finishing Saw Blades - Triple Chip Saw Blades (TCG)

Thin Kerf Series Finishing Saw Blades

Designed for both dry soft & hard wood across or along cutting Also can be used to cut shaving board, wood fiber board and Joinery board, laminates board.



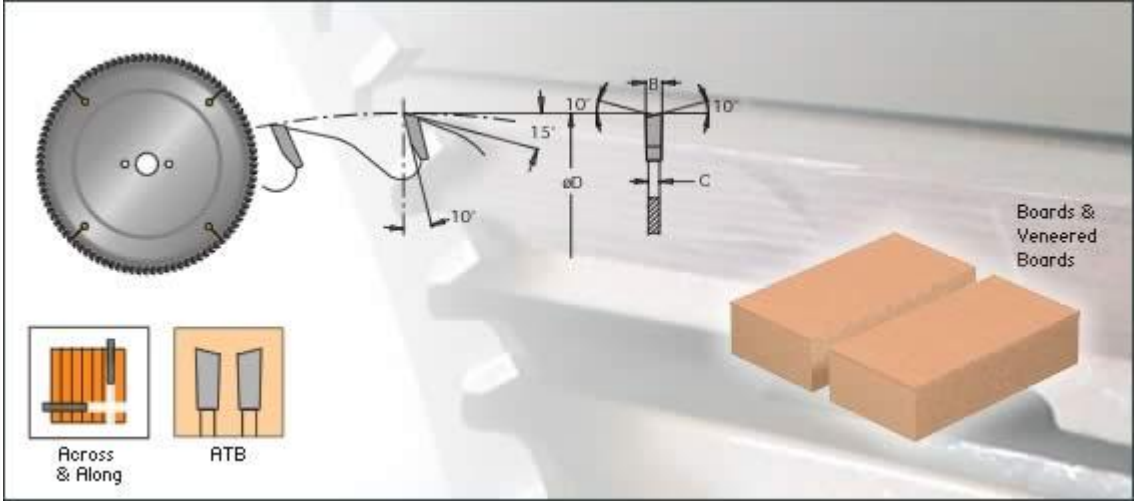
Tool No.	Diameter	Teeth	Kerf	Bore
8-34 THIN-T	8"	34	.090" (2.3mm)	5/8"
8-64 THIN-T	8"	64	.094" (2.4mm)	5/8"
10-40 THIN-T	10"	40	.090" (2.3mm)	5/8"
10-80 THIN-T	10"	80	.090" (2.3mm)	5/8"
12-48 THIN-T	12"	48	.090" (2.3mm)	1"
12-96 THIN-T	12"	96	.094" (2.4mm)	1"
14-54 THIN-T	14"	54	.090" (2.3mm)	1"
14-108 THIN-T	14"	108	.090" (2.3mm)	1"



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Cut Off Saw Blades (ATB) Alternate Top Bevel

Designed for General cut-off, cross-cutting and trimming of natural woods.



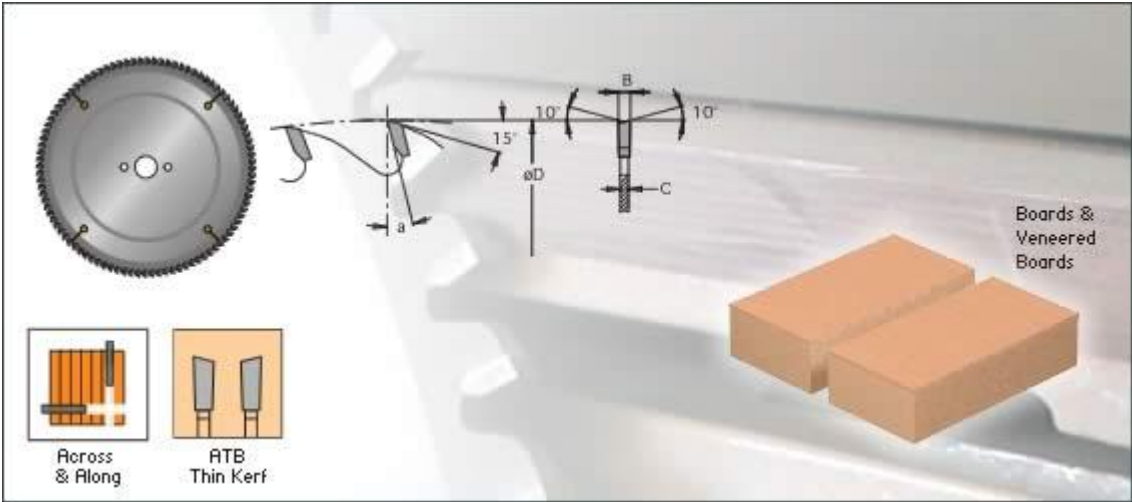
Tool No.	Diameter	Teeth	Kerf	Bore
7 1/4-24	7 1/4"	24	.118" (3.0mm)	5/8"
7 1/4-40	7 1/4"	40	.118" (3.0mm)	5/8"
8-34 ATB	8"	34	.118" (3.0mm)	5/8"
8-48 ATB	8"	48	.118" (3.0mm)	5/8"
8-64 ATB	8"	64	.118" (3.0mm)	5/8"
9-40 ATB	9"	40	.118" (3.0mm)	5/8"
9-60 ATB	9"	60	.118" (3.0mm)	5/8"
10-40 ATB	10"	40	.126" (3.2mm)	5/8"
10-60 ATB	10"	60	.126" (3.2mm)	5/8"
10-80 ATB	10"	80	.126" (3.2mm)	5/8"
12-48 ATB	12"	48	.126" (3.2mm)	1"
12-60 ATB	12"	60	.126" (3.2mm)	1"
12-72 ATB	12"	72	.126" (3.2mm)	1"
12-96 ATB	12"	96	.126" (3.2mm)	1"
14-54 ATB	14"	54	.138" (3.5mm)	1"
14-72 ATB	14"	72	.138" (3.5mm)	1"
14-84 ATB	14"	84	.138" (3.5mm)	1"
14-108 ATB	14"	108	.138" (3.5mm)	1"
16-60 ATB	16"	60	.138" (3.5mm)	1"
16-80 ATB	16"	80	.138" (3.5mm)	1"
16-96 ATB	16"	96	.138" (3.5mm)	1"
16-120 ATB	16"	120	.138" (3.5mm)	1"
18-108 ATB	18"	108	.157" (4mm)	1"



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Thin Kerf Cut Off Saw Blades (ATB) Alternate Top Bevel

Designed for General cut-off, cross-cutting and trimming of natural woods.



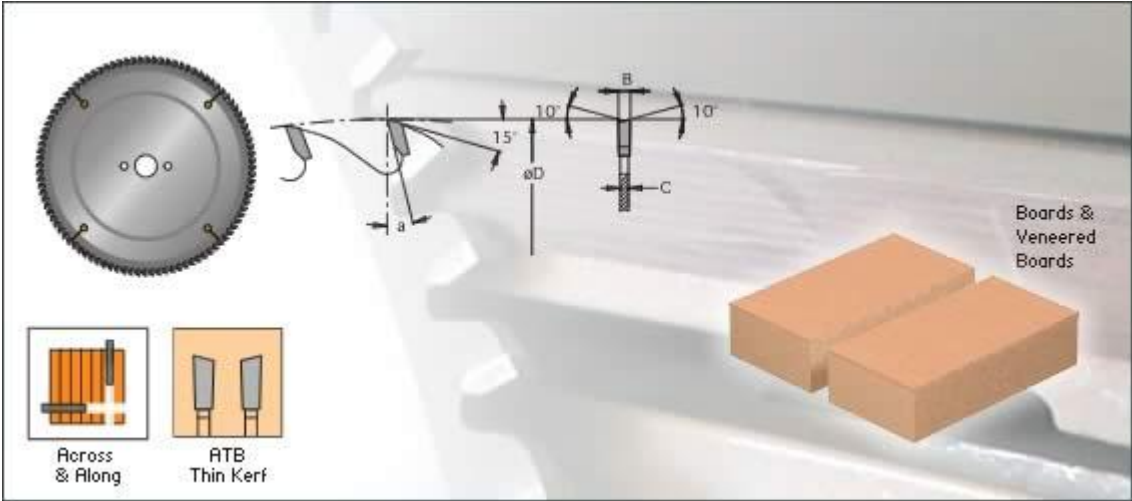
Tool No.	Diameter	Teeth	Kerf	Bore
8-34 THIN-A	8"	34	.090" (2.3mm)	5/8"
8-64 THIN-A	8"	64	.094" (2.4mm)	5/8"
10-40 THIN-A	10"	40	.090" (2.3mm)	5/8"
10-80 THIN-A	10"	80	.094" (2.4mm)	5/8"
12-48 THIN-A	12"	48	.090" (2.3mm)	1"
12-96 THIN-A	12"	96	.094" (2.4mm)	1"
14-54 THIN-A	14"	54	.090" (2.3mm)	1"
14-108 THIN-A	14"	108	.090" (2.3mm)	1"



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Extra Thin Kerf Cut Off Saw Blades (ATB) Alternate Top Bevel

Designed for General cut-off, cross-cutting and trimming of natural woods.



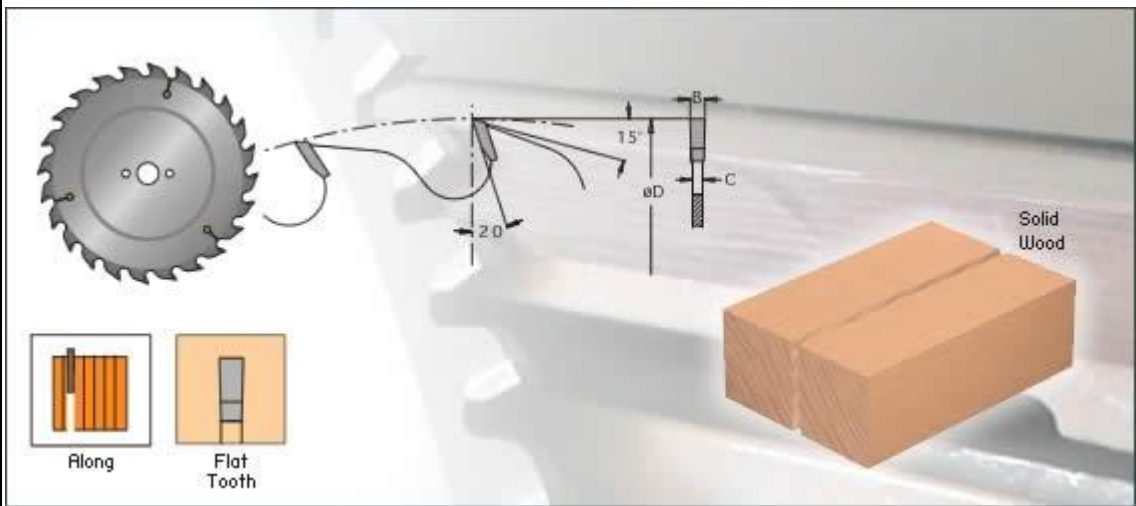
Tool No.	Diameter	Teeth	Kerf	Bore
8-80 THIN	8"	80	.086" (2.2mm)	5/8"
10-100 THIN	10"	100	.086" (2.2mm)	5/8"
12-120 THIN	12"	120	.086" (2.2mm)	1"



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Rip Saw Blades

Designed for Ripping Hardwoods, Softwoods, MDF & other materials



Tool No.	Diameter	Teeth	Kerf	Bore
8-14 RIP	8"	14	.118" (3.0mm)	5/8"
8-24 RIP	8"	24	.118" (3.0mm)	5/8"
9-24 RIP	9"	24	.118" (3.0mm)	5/8"
10-24 RIP	10"	24	.126" (3.2mm)	5/8"
10-24 RIPX-A	10"	24	.094" (2.4mm)	5/8"
12-24 RIP	12"	24	.157" (4.0mm)	1"
12-24 RIPX	12"	24	.126" (3.2mm)	1"
12-30 RIPX	12"	30	.126" (3.2mm)	1"
12-36 RIP	12"	36	.126" (3.2mm)	1"
14-28 RIPX	14"	28	.138" (3.5mm)	1"
14-28 RIP	14"	28	.157" (4.0mm)	1"
14-42 RIP	14"	42	.138" (3.5mm)	1"
16-32 RIPX	16"	32	.138" (3.5mm)	1"
16-32 RIP	16"	32	.157" (4.0mm)	1"
16-48 RIP	16"	48	.138" (3.5mm)	1"



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Rip Saw Blades With Chip Limitation (Anti-kick Back)

Designed for Ripping Hardwoods, Softwoods, MDF & other materials, Saw blades with the anti kick back design.



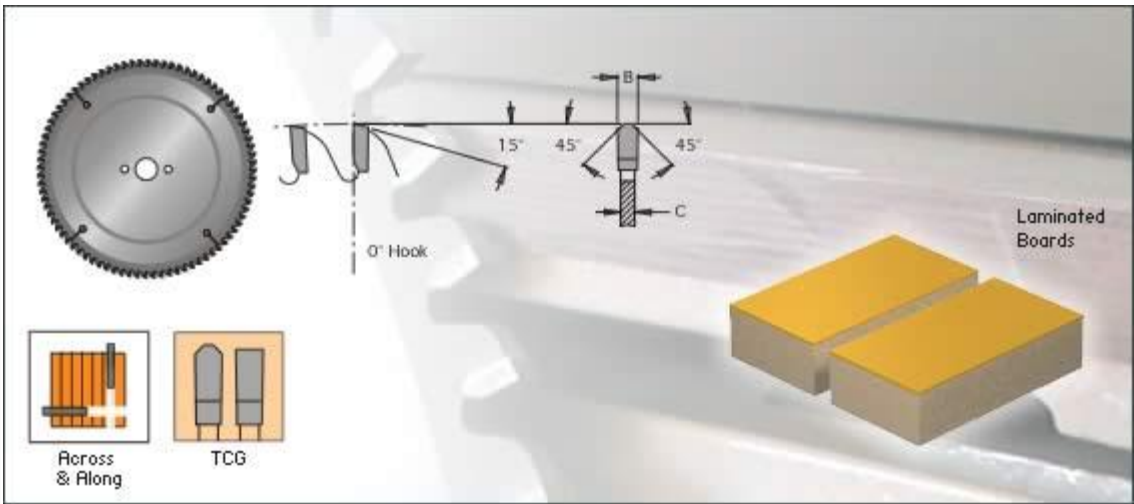
Tool No.	Diameter	Teeth	Kerf	Bore
10-24 CL	10"	24	.126" (3.2mm)	5/8"
12-24 CL	12"	24	.126" (3.2mm)	1"
14-28 CL	14"	28	.138" (3.5mm)	1"
16-28 CL	16"	28	.138" (3.5mm)	1"



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Solid Surface Saw Blades

Designed for cutting Corian, Avonite, Fountainhead, Surell, and similar materials. Our special sub-micron carbide will outlast any conventional carbide, delivering a much better cut over a longer life.



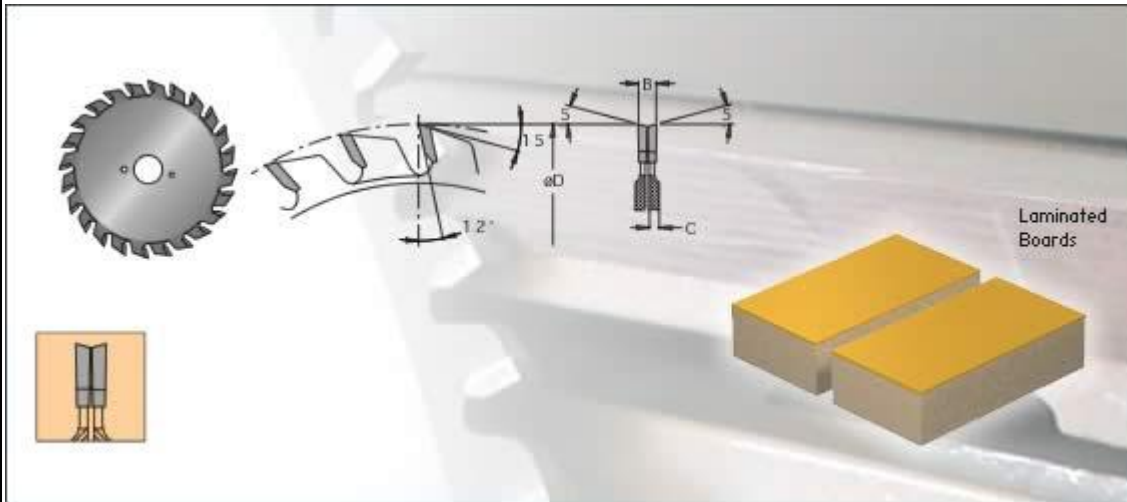
Tool No.	Type	Diameter	Teeth	Kerf	Bore
10-72 COR	TCG	10"	72	.126" (3.2mm)	5/8"
12-84 COR	TCG	12"	84	.126" (3.2mm)	1"
14-96 COR	TCG	14"	96	.126" (3.2mm)	1"
16-108 COR	TCG	16"	108	.130" (3.3mm)	1"



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Scoring Saws Blades - Split Type

Designed for Split design allows adjustment to match kerf of main blade simply by adding shims.

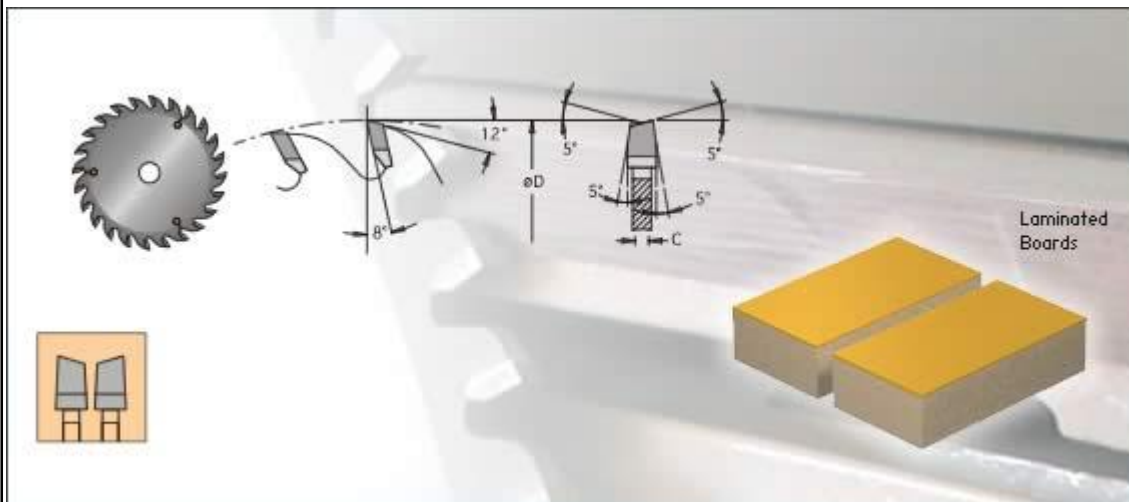


Tool No.	Diameter	Teeth	Kerf	Bore
100-2-19 SCOR	100mm	2x12	2.8-3.6mm	3/4"
100-2-20 SCOR	100mm	2x12	2.8-3.6mm	20mm
100-2-22 SCOR	100mm	2x12	2.8-3.6mm	22mm
100-2-25 SCOR	100mm	2x12	2.8-3.6mm	1"
120-2-19 SCOR	120mm	2x12	2.8-3.6mm	3/4"
120-2-20 SCOR	120mm	2x12	2.8-3.6mm	20mm
120-2-22 SCOR	120mm	2x12	2.8-3.6mm	22mm
125-2-20 SCOR	125mm	2x12	2.8-3.6mm	20mm
125-2-22 SCOR	125mm	2x12	2.8-3.6mm	22mm



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Scoring Saws Blades - Connic Type



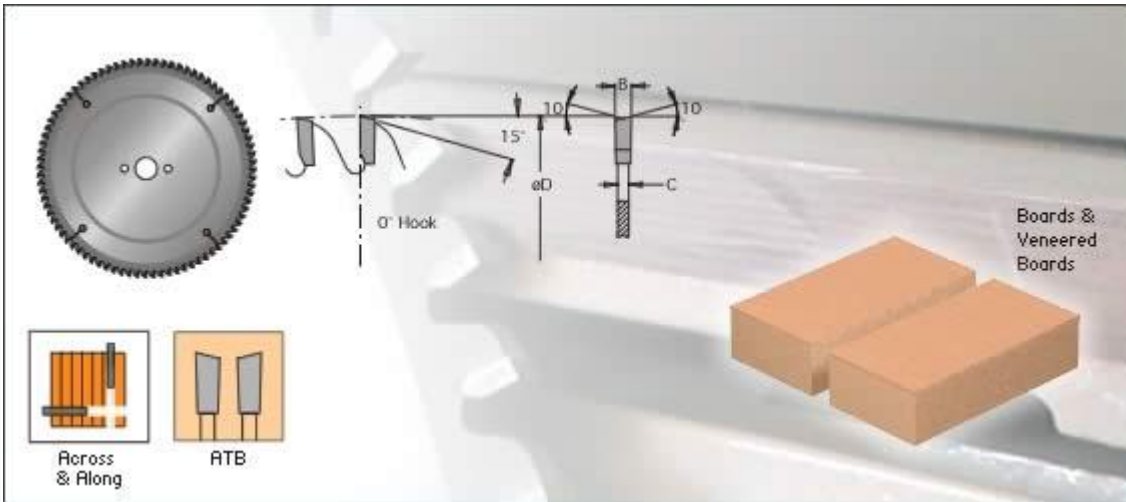
Tool No.	Diameter	Teeth	Kerf	Bore
100-20A SCOR	100mm	20	3.0-4.0mm	20mm
100-20B SCOR	100mm	20	4.0-5.0mm	20mm
120-24A SCOR	120mm	24	3.2-4.2mm	20mm
120-24B SCOR	120mm	24	4.0-5.0mm	20mm
120-24C SCOR	120mm	24	4.4-5.4mm	20mm
125-24A SCOR	125mm	24	3.2-4.2mm	20mm
125-24B SCOR	125mm	24	4.0-5.0mm	20mm
125-24C SCOR	125mm	24	4.4-5.4mm	20mm
150-24A SCOR	150mm	24	3.2-4.2mm	20mm
150-24B SCOR	150mm	24	4.0-5.0mm	20mm
150-24C SCOR	150mm	24	4.4-5.4mm	20mm
150-36A SCOR	150mm	36	3.2-4.2mm	20mm
150-36B SCOR	150mm	36	4.0-5.0mm	20mm
150-36C SCOR	150mm	36	4.4-5.4mm	20mm



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Mitre Saw Blade

Designed for :California Triple Chip design of tooth is the perfect choice for the picture frame industry. Bur-free cuts in aluminum and other non ferrous metals. Cuts clean wood and wood products. Works in miter saw, compound miter saw and sliding compound saw. 0 to -5° hook.



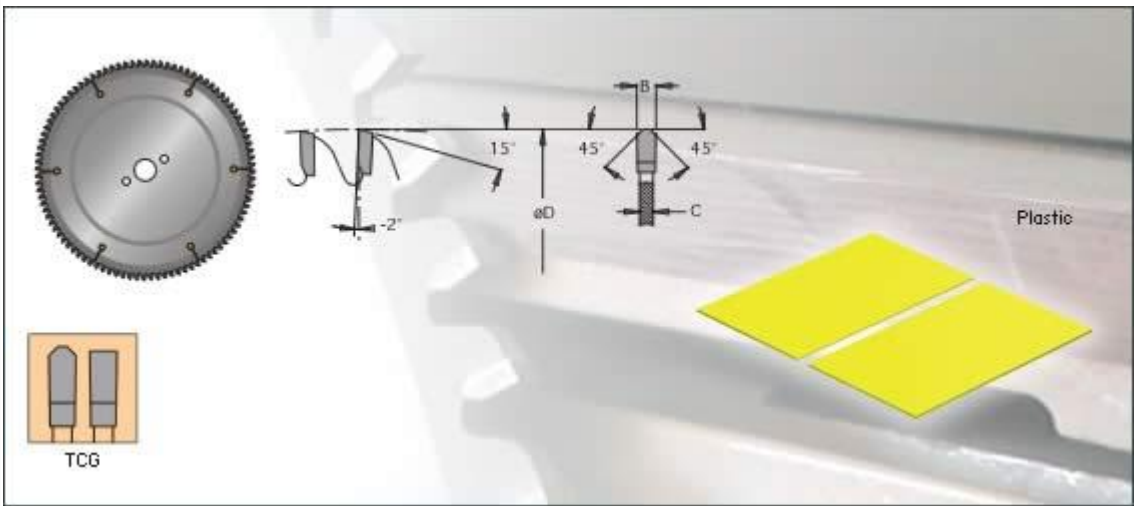
Tool No.	Type	Diameter	Teeth	Kerf	Bore
8.5-48 ATB	ATB Neg.	8 1/2"	48	.100" (2.6mm)	5/8"
10-72 ATB	ATB 0°	10"	72	.126" (3.2mm)	5/8"
12-96 TN	ATB Neg.	12"	96	.134" (3.4mm)	1"
13-80 N/F	TCG Neg.	13" (330mm)	80	.126" (3.2mm)	32mm
15-100N/F	TCG Neg.	15" (380mm)	100	.126" (3.2mm)	32mm



Zone Fly Industrial & Trade Co., Ltd.

Plastic Trimming & Sizing Saw Blades

Designed for superior performance in PVC, acrylic and other plastic sheets.



Tool No.	Diameter	Teeth	Kerf	Bore
10-80 PL	10"	80	.098" (2.5mm)	5/8"
12-96 PL	12"	96	.130" (3.3mm)	1"
14-108 PL	14"	108	.145" (3.7mm)	1"

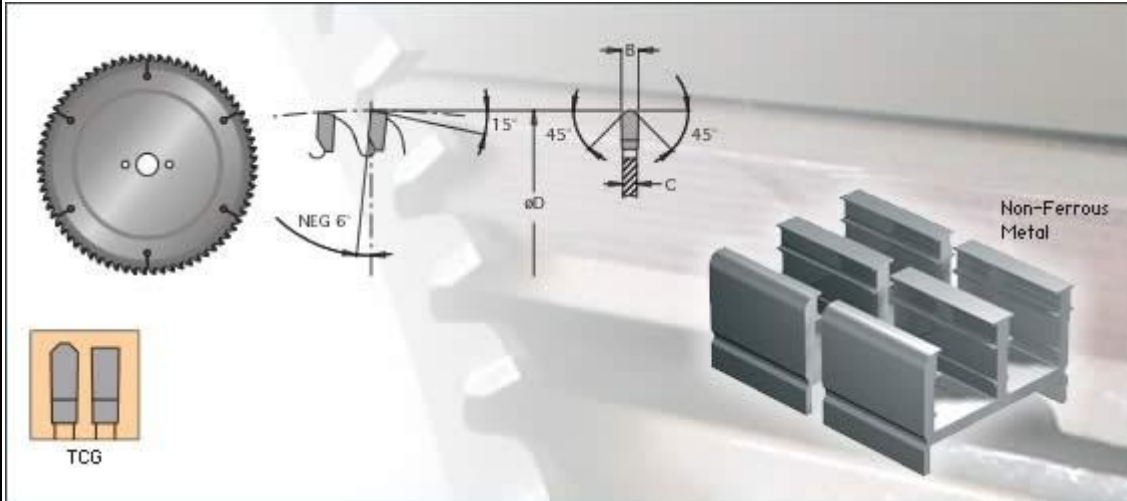


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Non-Ferrous Saws Blades for Non-Ferrous Metal

Designed for: For cutting aluminum sheets, tubing extrusions and other non-ferrous metals such as copper, brass, lead and magnesium. For smooth cutting, use lots of lubricant and a clamping device.

Note: The material must be clamped firmly to the table on both sides during cutting operation. The use of coolant is very important.



Tool No.	Diameter	Teeth	Kerf	Bore
6 1/4-48 N/F	6 1/4"	48	.110" (2.8mm)	5/8"
7 1/4-48 N/F	7 1/4"	48	.110" (2.8mm)	5/8"
7 1/4-58 N/F	7 1/4"	58	.110" (2.8mm)	5/8"
8-48 N/F	8"	48	.110" (2.8mm)	5/8"
8-64 N/F	8"	64	.110" (2.8mm)	5/8"
8.5-64 N/F	8 1/2"	64	.110" (2.8mm)	5/8"
9-60 N/F	9"	60	.110" (2.8mm)	5/8"
10-60 N/F	10"	60	.126" (3.2mm)	5/8"
10-80 N/F	10"	80	.126" (3.2mm)	5/8"
10-100 N/F	10"	100	.126" (3.2mm)	5/8"
12-72 N/F	12"	72	.126" (3.2mm)	1"
12-96 N/F	12"	96	.126" (3.2mm)	1"
13-80 N/F	13"	80	.126" (3.2mm)	32mm
13-102 N/F	13"	102	.126" (3.2mm)	1"
14-84 N/F	14"	84	.126" (3.2mm)	1"
14-108 N/F	14"	108	.126" (3.2mm)	1"
15-100 N/F-1	15"	100	.126" (3.2mm)	1"
15-100 N/F	15"	100	.126" (3.2mm)	32mm
16-96 N/F	16"	96	.149" (3.8mm)	1"
16-120 N/F	16"	120	.149" (3.8mm)	1"
18-108 N/F	18"	108	.157" (4.0mm)	1"
18-120 N/F	18"	120	.157" (4.0mm)	1"
20-120 N/F	20"	120	.173" (4.4mm)	1"



Zone Fly Industrial & Trade Co., Ltd.

Hollow Ground Saw Blades

Specially designed saw blades for exceptionally smooth cuts in melamine and other coated boards, without the need for scoring. Negative hook angle is particularly suitable for vertical panel saws (Holz-Her, Striebig, etc.) and horizontal sliding table saws.



Tool No.	Diameter	Teeth	Kerf	Bore
7 1/4-36 HG	7 1/4"	36	.126" (3.2mm)	5/8"
8-40 HG	8"	40	.126" (3.2mm)	5/8"
9-40 HG	9"	40	.126" (3.2mm)	5/8"
10-48 HG	10"	48	.126" (3.2mm)	5/8"
12-60 HG	12"	60	.126" (3.2mm)	1"
14-72 HG	14"	72	.126" (3.2mm)	1"

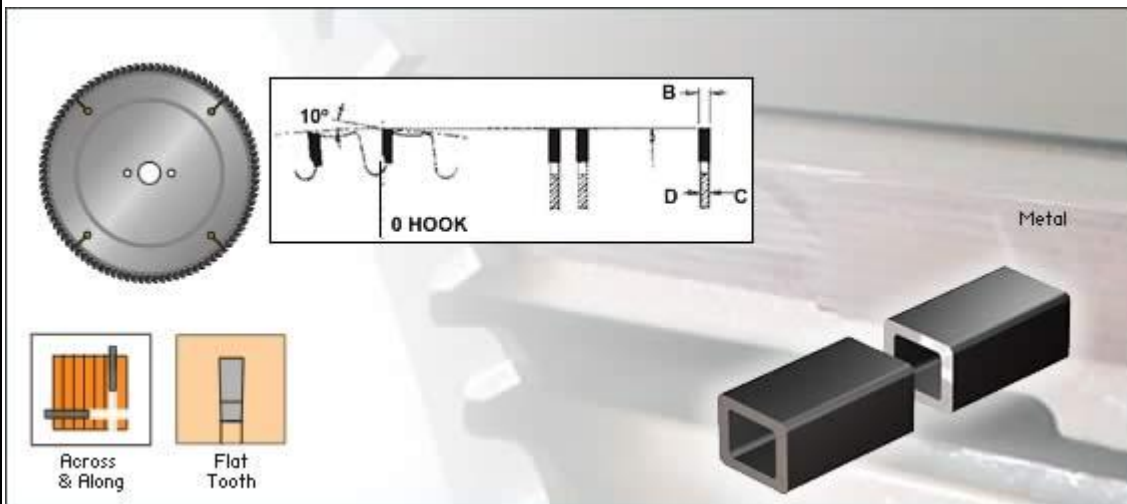


Zone Fly Industrial & Trade Co., Ltd.

Metal Cutting Saw Blades

Designed for: For cutting aluminum sheets, tubing extrusions and other non-ferrous metals such as copper, brass, lead and magnesium. For smooth cutting, use lots of lubricant and a clamping device.

Note: The material must be clamped firmly to the table on both sides during cutting operation. The use of coolant is very important.

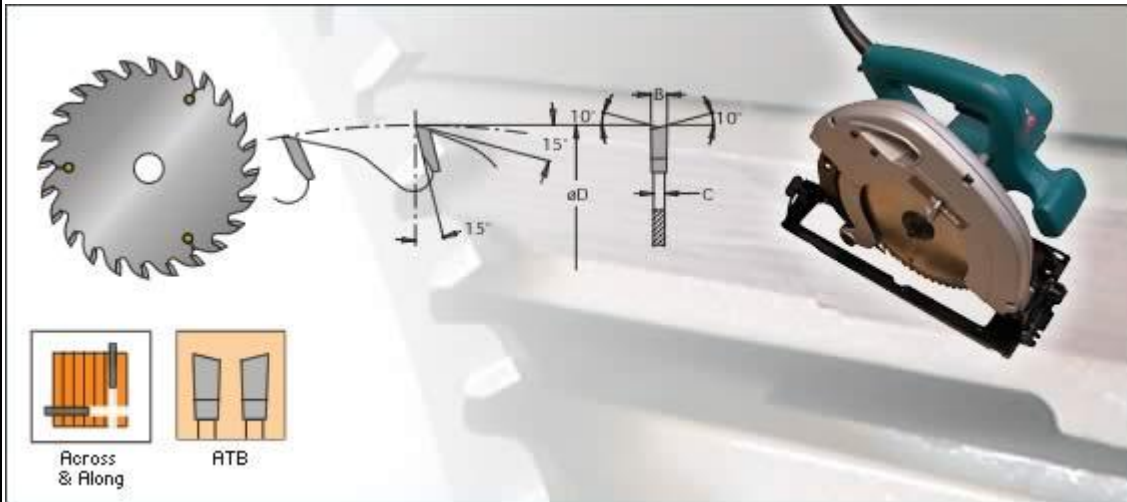


Tool No.	Description	Diameter	Teeth	Kerf	Bore
12-60 MET	12"	60	.086" (2.2mm)	1"	
12-80 MET	12"	80	.086" (2.2mm)	1"	
14-80 MET	14"	80	.094" (2.4mm)	1"	
TIPS-MET	premium carbide tips for metal blades				



Zone Fly Industrial & Trade Co., Ltd.

Portable Saw Blades

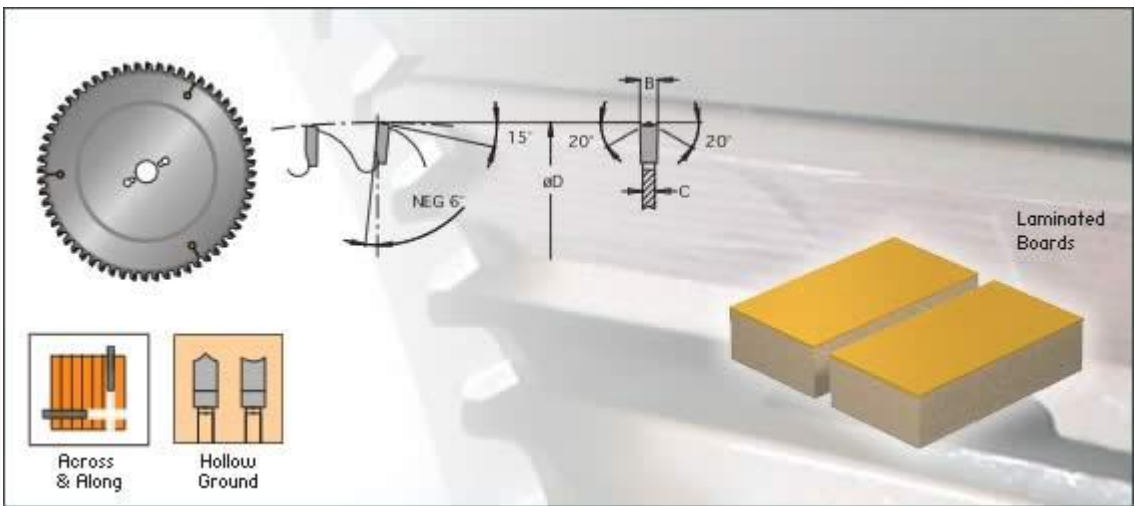


Tool No.	Diameter	Teeth	Kerf	Bore
7 1/4-24	7 1/4"	24	.118" (3.0mm)	5/8"*
7 1/4-40	7 1/4"	40	.118" (3.0mm)	5/8"*
7 1/4-42 TCG	7 1/4"	42	.118" (3.0mm)	5/8"
7 1/4-48 N/F	7 1/4"	48	.110" (2.8mm)	5/8"
8-24	8"	24	.118" (3.0mm)	5/8"*
8-40	8"	40	.118" (3.0mm)	5/8"*
8 1/4-24	8 1/4"	24	.118" (3.0mm)	5/8"*
8 1/4-40	8 1/4"	40	.118" (3.0mm)	5/8"*



Zone Fly Industrial & Trade Co., Ltd.

Special Purpose Saw Blades



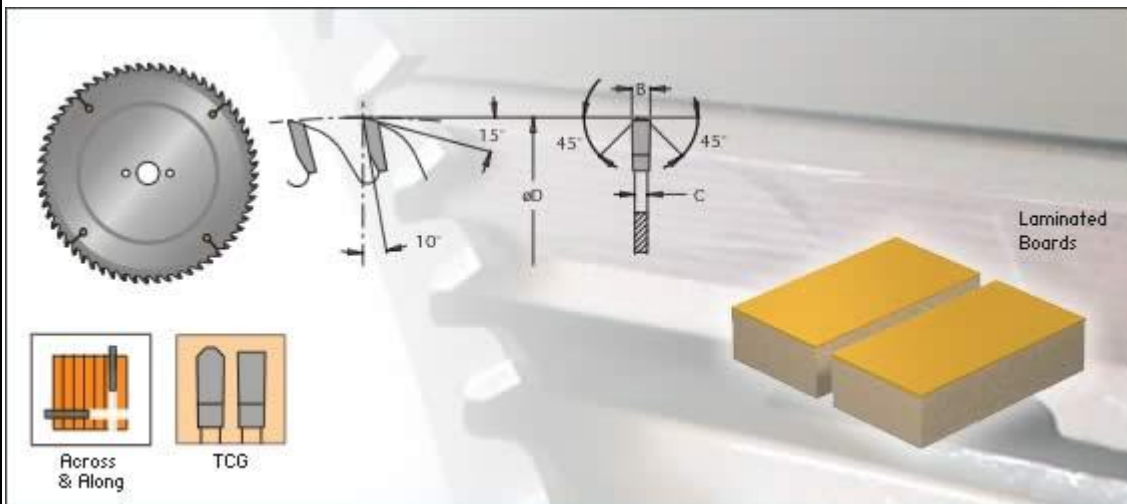
Tool No.	Type	Diameter	Teeth	Kerf	Bore	For
220-42 HGN	Hollow, Ground, Negative	220mm	42	.130" (3.3mm)	30mm	Holz-Her
220-64 TCG	TCG, Positive	220mm	64	.118" (3.0mm)	30mm	Holz-Her
253-48 HGN	Hollow, Ground, Negative	253mm	48	.130" (3.3mm)	30mm	
304-60 HGN	Hollow, Ground, Negative	304mm	60	.130" (3.3mm)	30mm	



Zone Fly Industrial & Trade Co., Ltd.

Glue Line Saw Blades (TCG)

Table, sliding table and single or multi rip saws. Leaves a glue line finish without the need for sanding. Provides extra-smooth finish for gluing applications.



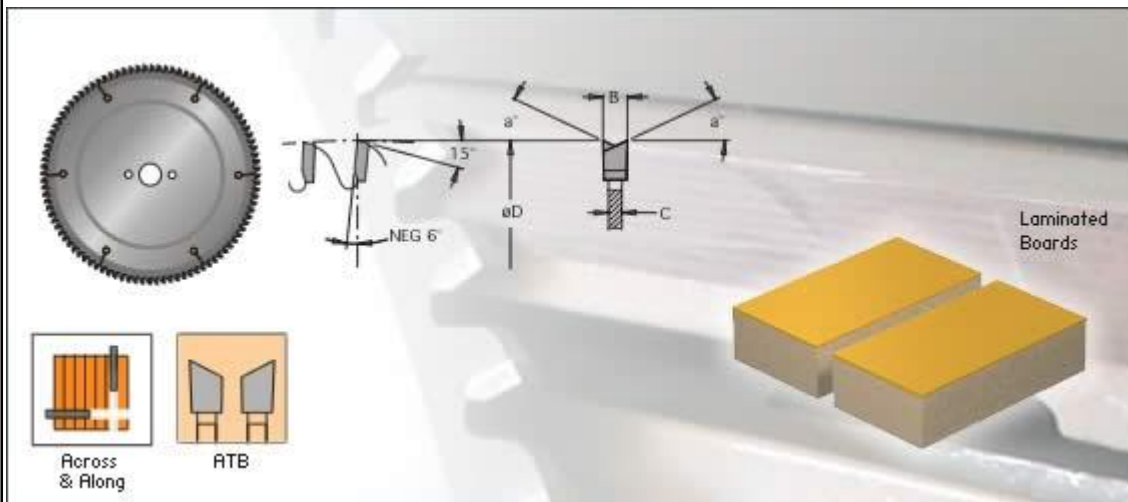
Tool No.	Diameter	Teeth	Kerf	Bore
10-24 TCG	10"	24	.126" (3.2mm)	5/8"
12-36 TCG	12"	36	.126" (3.2mm)	1"



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Melamine Saw Blades - Negative Hook

Specifically designed to cut melamine chip-free on both sides provided that your table saw fence is square to the blade and the arbor is running true. Features increased thickness of plate for added stability, and special 'high-ATB' grind for extremely smooth cuts. Easily re-sharpened.



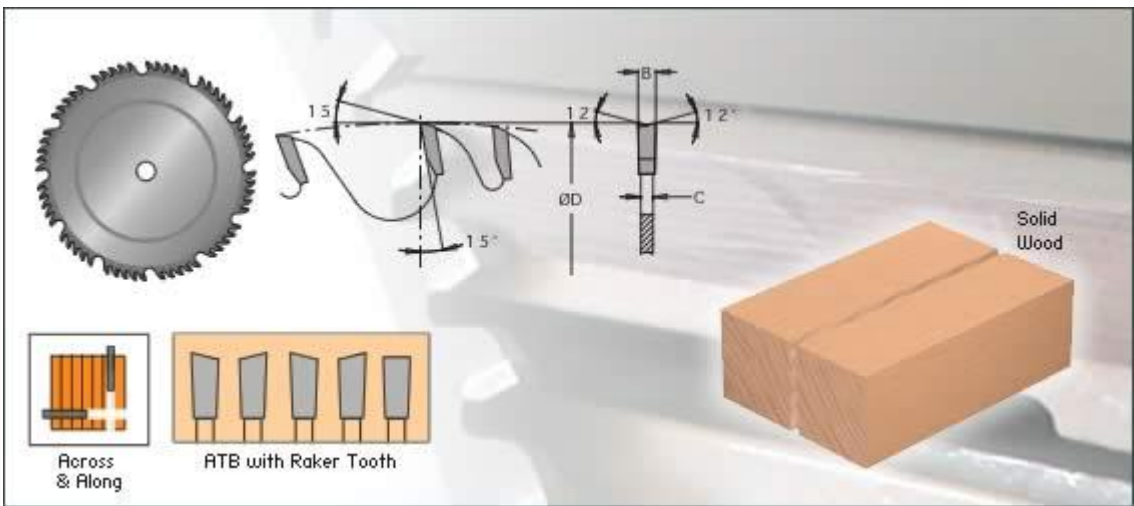
Tool No.	Diameter	Teeth	Kerf	Bore
8-48 TN	8"	48	.118" (3.0mm)	5/8"
10-80 TN	10"	80	.134" (3.4mm)	5/8"
10-80 TNX	10"	80	.126" (3.2mm)	5/8"
12-96 TN	12"	96	.134" (3.4mm)	1"
14-108 TN	14"	108	.134" (3.4mm)	1"
16-120 TN	16"	120	.157" (4.0mm)	1"



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Combination Saw Blades

Designed for ripping and cross-cutting natural woods. Teeth consist of four ATB followed by one square raker. Large gullets in the saw body allow for deeper cuts & improved chip ejection despite short pitch.



Tool No.	Diameter	Teeth	Kerf	Bore
8-40 COM	8"	40	.126" (3.2mm)	5/8"
9-40 COM	9"	40	.126" (3.2mm)	5/8"
10-50 COM	10"	50	.134" (3.4mm)	5/8"
10-50 CL	10"	50	.126" (3.2mm)	5/8"
12-60 COM	12"	60	.149" (3.8mm)	1"
14-70 COM	14"	70	.149" (3.8mm)	1"
16-80 COM	16"	80	.157" (4.0mm)	1"



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Grass Cutting Saw Blades

Designed for lawn mower, trimmer cutting pruning weed, branch and small tree.



Tool No.	Diameter	Teeth	Kerf	Bore
7-40 GR	7"	40	.078" (2.0mm)	1"
8-40 GR	8"	60	.078" (2.0mm)	1"
9-50 GR	9"	60	.078" (2.0mm)	1"
10-50 GR	10"	60	.078" (2.0mm)	1"
12-60 GR	12"	80	.078" (2.0mm)	30mm