



Dimar's new Gmaxx Professional carbide Tipped Saw Blades provide top-notch affordable quality for the small shop and the home woodworking enthusiast, and feature our new D-Coat Nano-technology system!

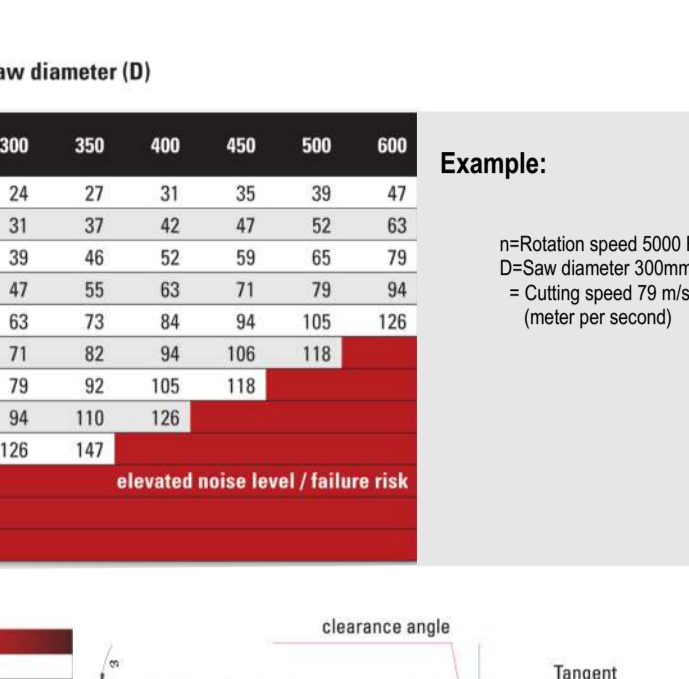
Using specialized Nano Technology developed exclusively by Dimar, the coating is absorbed into the body of the saw blade body plate and teeth, ensuring that the coating will not peel off or crack (under normal usage). Dimar's technique embeds the coating in the body of the saw blade material and teeth - compare this to the standard technique used by all other saw blade manufacturers of simply painting the teeth or spraying on Teflon which can come off easily.

These professional grade blades are manufactured in Germany by our renowned Guhdo GmbH factory, which has a history that spans over 100 years in the cutting tool industry. These blades will give you the cut you need at the price you want!

The Gmaxx Professional blades have thicker deflection limiting plates than our Woodpecker line, providing smoother cuts than comparable thin-kerf blades.

Dimar's Gmaxx blades are available in Alternate Top Bevel grind (for cutting hardwood, softwood and plywood), Triple-Chip Grind (for chipboard and laminate-covered material) and flat top grind (for ripping).

Features and Benefits:
D-Coat Nano-technology system!
Micro-grain German made tungsten carbide teeth for optimum durability and prolonged tool life.
Long and thick carbide teeth that tolerate over 15 sharpenings.
Premium quality stiff plate for true cutting even under load.
Premium quality: Made in Germany.



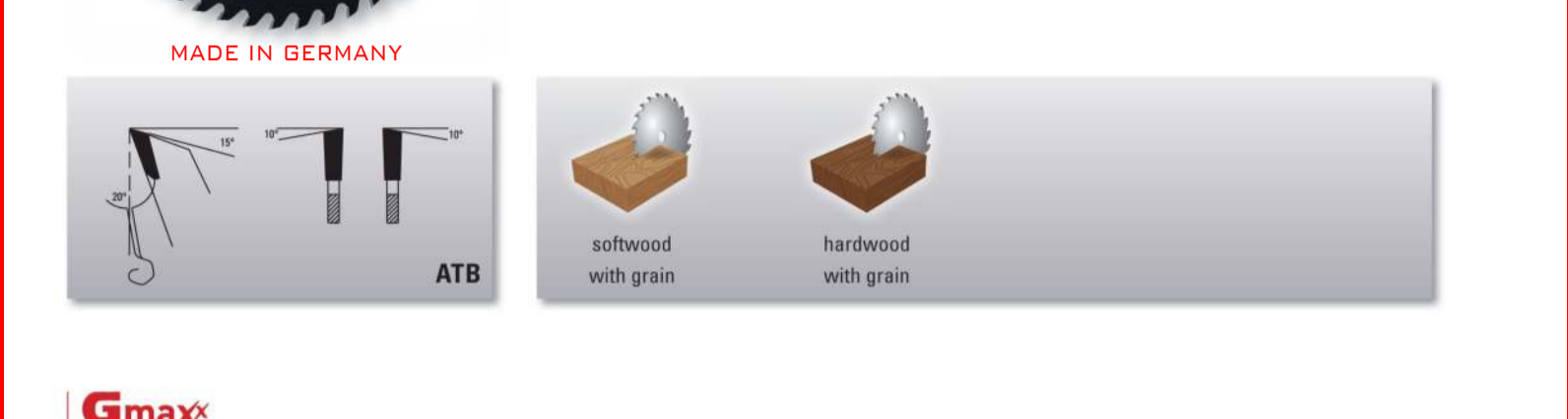
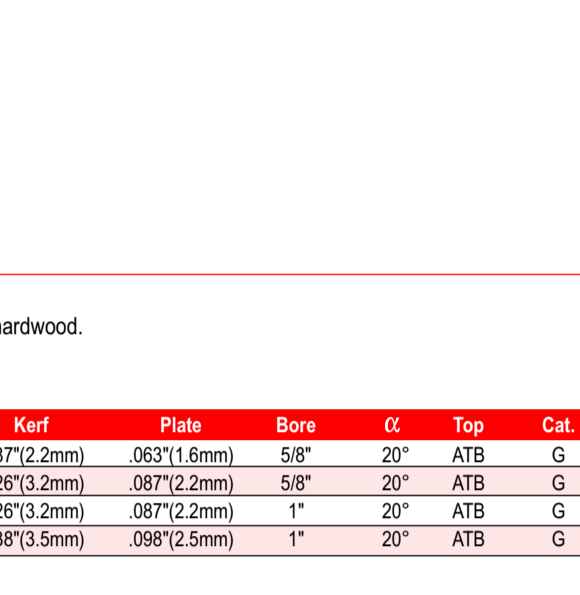
Determination of cutting speed (m/s) from rotation speed (n) and saw diameter (D)

D	100	120	140	160	180	200	250	300	350	400	450	500	600
1500	8	9	11	13	14	16	20	24	27	31	35	39	47
2000	10	13	15	17	19	21	26	31	37	42	47	52	63
2500	13	16	18	21	24	26	33	39	46	52	59	65	79
3000	16	19	22	25	28	31	39	47	55	63	71	79	94
4000	21	25	29	33	38	42	52	63	73	84	94	105	126
4500	24	28	33	38	42	47	59	71	82	94	105	118	
5000	26	31	37	42	47	52	65	79	92	105	118		
6000	31	38	44	50	57	63	79	94	110	126			
8000	42	50	59	67	75	84	105	126	147				
9000	47	57	68	78	85	94	118						
10000	52	63	73	84	94	105							
12000	63	75	88	100	113	126							

Example:
n=Rotation speed 5000 RPM
D=Saw diameter 300mm
= Cutting speed 79 m/s (meter per second)

Recommended cutting speed (in m/s) for HW saw blades according to material

Material	m/s
softwood	80 - 100
hardwood	80 - 100
plywood	50 - 80
blockboard	50 - 90
high density fibreboard	50 - 80
medium density fibreboard	60 - 80
chipboard	60 - 80
laminated boards	40 - 60
particleboard	40 - 60
construction material	40 - 60
rigid plastics	15 - 50
soft plastics	30 - 70
lean-impregnated boards	50 - 70
rockwool board	2 - 8



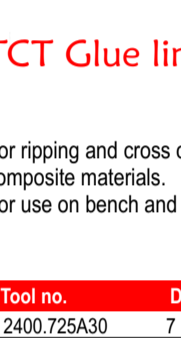
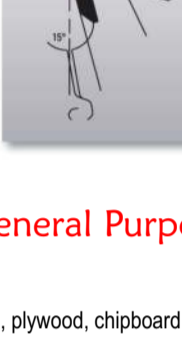
Gmaxx by DIMAR

TCT Rip Saw Blades

For ripping and cutting in solid soft-and hardwood. Alternate Top Bevel.



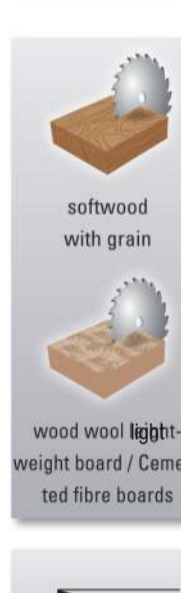
Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.800A24	8"	24	.087(2.2mm)	.063(1.6mm)	5/8"	15°	ATB	G
2400.100A24	10"	24	.126(3.2mm)	.087(2.2mm)	5/8"	20°	ATB	G
2400.120A24	12"	28	.126(3.2mm)	.087(2.2mm)	1"	20°	ATB	G
2400.140A30	14"	30	.138(3.5mm)	.087(2.5mm)	1"	20°	ATB	G



Gmaxx by DIMAR

TCT Cross Cut Saw Blades

For ripping and cross cutting in solid soft-and hardwood.

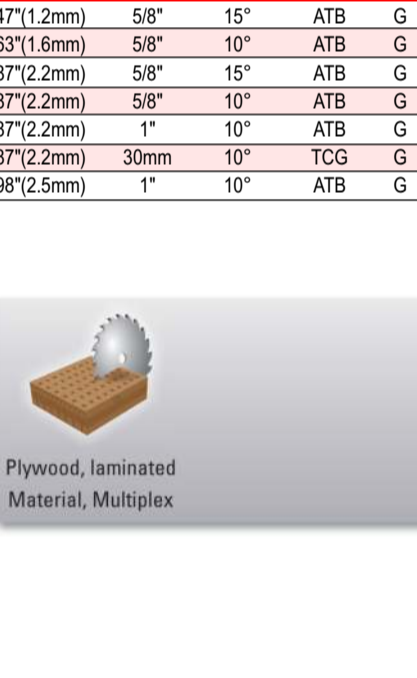


Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.725A24	7 1/4"	30	.071(1.8mm)	.047(1.2mm)	5/8"	15°	ATB	G
2400.800A40	8"	40	.087(2.2mm)	.063(1.6mm)	5/8"	15°	COMB	G
2400.100A40	10"	40	.126(3.2mm)	.087(2.2mm)	5/8"	15°	ATB	G
2400.120C60	12"	60	.126(3.2mm)	.087(2.5mm)	1"	15°	TCG	G
2400.140A44	14"	44	.138(3.5mm)	.087(2.5mm)	1"	15°	ATB	G

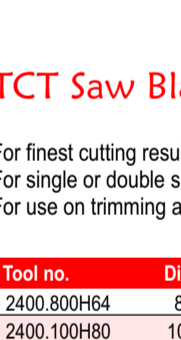
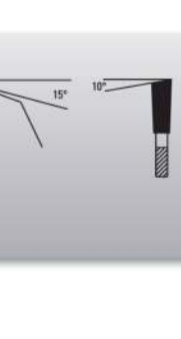
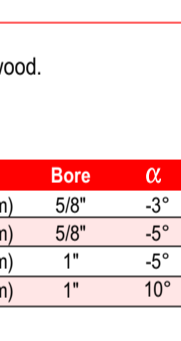
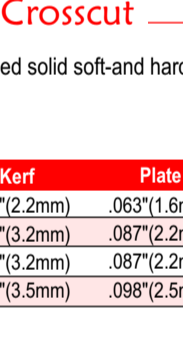
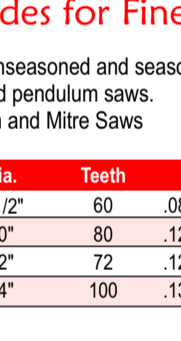
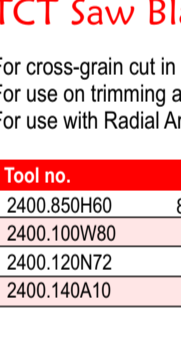
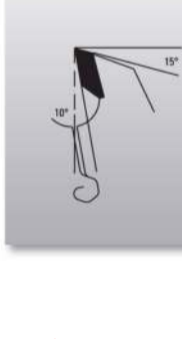
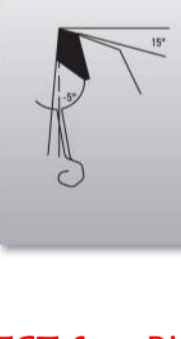


TCT Gline / Cross Cut / General Purpose Saw Blades

For ripping and cross cutting in solid soft-and hardwood, plywood, chipboard and composite materials. For use on bench and panel sizing saws.



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.725A30	7 1/4"	30	.094(2.4mm)	.063(1.6mm)	5/8"	15°	COMB	G
2400.800A48	8"	48	.087(2.2mm)	.057(1.4mm)	5/8"	13°	ATB	G
2400.850A40	8 1/2"	40	.087(2.2mm)	.063(1.6mm)	5/8"	-3°	ATB	G
2400.100A50	10"	50	.126(3.2mm)	.087(2.2mm)	5/8"	15°	COMB	G
2400.100N50	10"	50	.126(3.2mm)	.087(2.2mm)	5/8"	-5°	COMB	G
2400.120A48	12"	48	.126(3.2mm)	.087(2.2mm)	1"	13°	ATB	G
2400.120A86	12"	86	.126(3.2mm)	.087(2.2mm)	1"	15°	ATB	G
2400.300A80	12"	80	.126(3.2mm)	.087(2.2mm)	30mm	10°	ATB	G
2400.120C60	12"	60	.126(3.2mm)	.087(2.2mm)	1"	15°	COMB	G
2400.120H60	12"	60	.126(3.2mm)	.087(2.2mm)	1"	-5°	COMB	G
2400.140A54	14"	54	.138(3.5mm)	.087(2.5mm)	1"	15°	ATB	G
2400.140H70	14"	70	.138(3.5mm)	.110(2.8mm)	1"	-5°	ATB	G



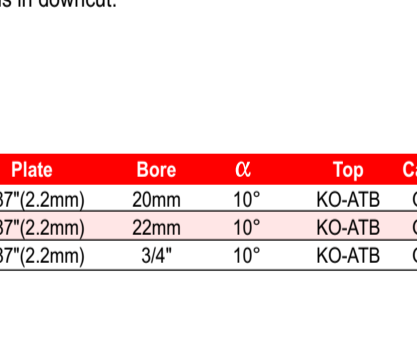
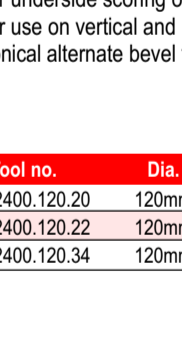
Gmaxx by DIMAR

TCT Saw Blades for Plywood

For fine Veneered and single side coated plywood boards. For use on bench and panel sizing saws.



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.800A84	7 1/4"	84	.094(2.4mm)	.071(1.8mm)	5/8"	10°	TCG	G
2400.800A64	8"	64	.087(2.2mm)	.063(1.6mm)	5/8"	10°	ATB	G
2400.100A80	10"	80	.126(3.2mm)	.087(2.2mm)	5/8"	15°	ATB	G
2400.100A88	10"	88	.126(3.2mm)	.087(2.2mm)	5/8"	10°	ATB	G
2400.120A72	12"	72	.126(3.2mm)	.087(2.2mm)	1"	10°	ATB	G
2400.305A80	12"	84	.126(3.2mm)	.087(2.2mm)	30mm	10°	TCG	G
2400.140A80	14"	80	.138(3.5mm)	.087(2.5mm)	1"	10°	ATB	G



Gmaxx by DIMAR

TCT Saw Blades for Sizing Particle Boards

For clean cutting of particle boards (chipboard and MDF) single side faced. For use on bench saws and vertical panel-sizing saws.



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.307A54	8"	84	.094(2.4mm)	.071(1.8mm)	5/8"	10°	TCG	G
2400.100T80	10"	80	.126(3.2mm)	.087(2.2mm)	5/8"	15°	TCG	G
2400.120T72	12"	72	.126(3.2mm)	.087(2.2mm)	1"	10°	TCG	G
2400.120A96	12"	96	.126(3.2mm)	.087(2.2mm)	1"	-5°	ATB	G
2400.120W96	12"	96	.126(3.2mm)	.087(2.2mm)	1"	-5°	ATB	G
2400.140T80	14"	80	.138(3.5mm)	.087(2.5mm)	1"	10°	TCG	G

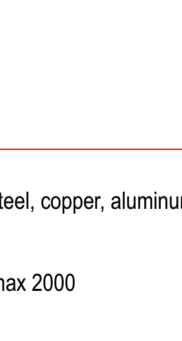


TCT Saw Blades for Fine Crosscut

For cross-grain cut in unseasoned and seasoned solid soft-and hardwood. For use on trimming and pendulum saws. For use with Radial Arm and Mitre Saws



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.850H80	8 1/2"	80	.087(2.2mm)	.063(1.6mm)	5/8"	-3°	TCG	G
2400.100W80	10"	80	.126(3.2mm)	.087(2.2mm)	5/8"	-5°	ATB	G
2400.120M72	12"	72	.126(3.2mm)	.087(2.2mm)	1"	-5°	ATB	G
2400.140A10	14"	100	.138(3.5mm)	.087(2.5mm)	1"	10°	ATB	G

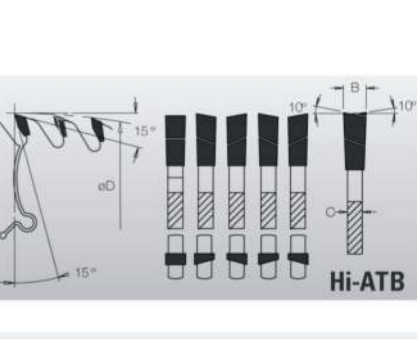
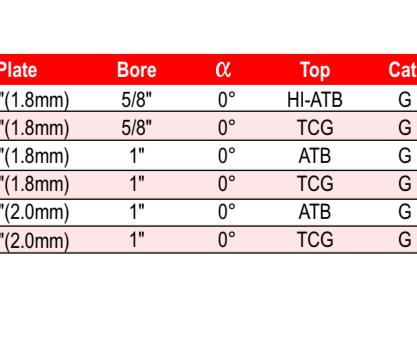
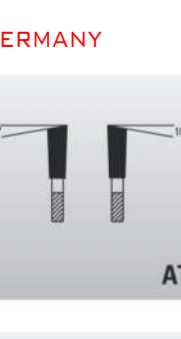
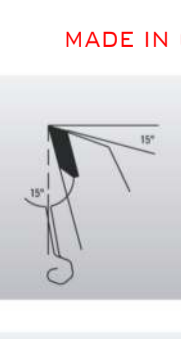
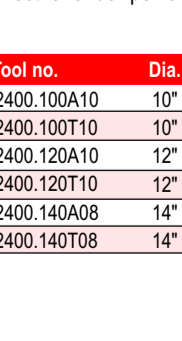


TCT Saw Blades for Laminated Boards

For finest cutting results. For single or double side coated wood board materials. For use on trimming and pendulum saws.



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.800H84	8 1/4"	84	.094(2.4mm)	.071(1.8mm)	5/8"	-5°	H-ATB	G
2400.100H80	10"	80	.126(3.2mm)	.087(2.2mm)	5/8"	-5°	H-ATB	G
2400.100T80	10"	80	.126(3.2mm)	.087(2.5mm)	5/8"	-5°	TCG	G
2400.120H96	12"	96	.126(3.2mm)	.087(2.5mm)	1"	-5°	H-ATB	G
2400.308H86	12"	86	.126(3.2mm)	.087(2.2mm)	30mm	-5°	H-ATB	G
2400.120T96	12"	96	.126(3.2mm)	.087(2.2mm)	1"	10°	TCG	G
2400.120W96	12"	96	.126(3.2mm)	.087(2.2mm)	1"	-5°	TCG	G
2400.140H10	14"	100	.138(3.5mm)	.087(2.5mm)	1"	-5°	H-ATB	G
2400.140T10	14"	100	.138(3.5mm)	.087(2.5mm)	1"	10°	TCG	G



Gmaxx by DIMAR

TCT Conical Scoring Saw Blades

For underside vertical of double side coated plywood materials in downcut. For use on vertical and horizontal panel sizing machines. Conical alternate bevel tooth.



Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.120.20	120mm	20	2.8mm-3.6mm	.087(2.2mm)	20mm	10°	KO-ATB	G
2400.120.22	120mm	24	2.8mm-3.6mm	.087(2.2mm)	22mm	10°	KO-ATB	G
2400.120.34	120mm	24	2.8mm-3.6mm	.087(2.2mm)	34"	10°	KO-ATB	G



Gmaxx by DIMAR

TCT Solid Surface Saw Blades

For clean cutting of thermoplastic boards (acrylics, polyethylene etc.) up to 10mm thick, and duroplastic board laminated sheet, phenolic resin bonded paper and phenolic laminated cotton sheet) up to 6mm thick. Also for clean cutting of double-side plastic coated board, preferably in combination with pre-scoring. Triple-chip-flat teeth.

Tool no.	Dia.	Teeth	Kerf	Plate	Bore	α	Top	Cat.
2400.725T0	7 1/4"	60	.118(3.0mm)	.				