
TCT CIRCULAR SAW BLADES

CATALOGUE

2026





FOR FIBER



The saw blade tips are made of polycrystalline diamond (PCD), a superhard material sintered from synthetic diamond grains under high temperature and high pressure. Generally, a thin layer of PCD compact is brazed onto a cemented carbide substrate. It combines the ultra-high wear resistance of diamond and the toughness of the alloy substrate. Designed for cutting cement-containing materials, it delivers superior wear resistance. Adopting trapezoidal teeth (TR profile), it achieves better durability for shaving cuts.

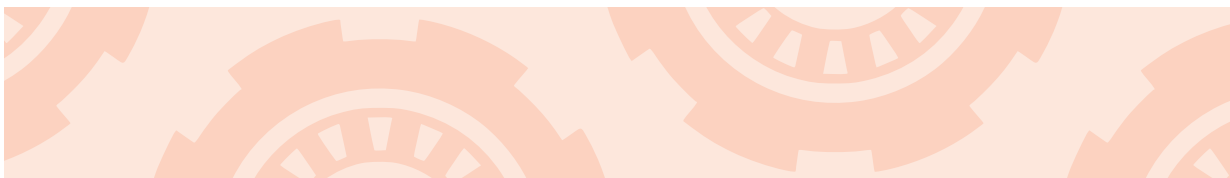
	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T537576	6 1/2"	165	20	1.5	2	5	TR	12°	Clean Cut	7000
T537475	7 1/2"	190	20	1.5	2	5	TR	12°	Clean Cut	8000

FOR STEEL



The noise-reduction base body is formed through integrated laser cutting and features built-in damping slots. It boasts excellent flatness, resulting in smooth and effortless cutting. Designed for low-RPM variable-frequency cutting machines, it is fully suitable for dry cutting metal materials.

	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T1451694M	5 3/8"	136	20	1.2	1.6	30	FWF	0°	Clean Cut	3400
T1581578M	6"	150	20	1.2	1.6	32	FWF	0°	Clean Cut	3300
T1727863M	6"	150	20	1.2	1.6	56	FWF	0°	Clean Cut	3300
T1714740M	6 1/2"	165	20	1.2	1.6	48	FWF	0°	Clean Cut	3200
T1851497M	7 1/4"	185	30	1.4	1.8	48	FWF	0°	Clean Cut	3000
T1522107M	12"	305	25.4	1.8	2.2	80	FWF	0°	Clean Cut	1800
T1883906M	12"	305	25.4	1.8	2.2	60	FWF	0°	Clean Cut	1800
T1506142M	14"	355	25.4	1.8	2.2	80	FWF	0°	Clean Cut	1600
T1657587M	14"	355	25.4	1.8	2.2	100	FWF	0°	Clean Cut	1600





FOR ALUMINUM

Carbide-tipped circular saw blade for aluminum cutting.

Designed to deliver precise, clean cuts on aluminum extrusions, plastics, laminated chipboard (Laminated Particle Board / LSP), fiberboard (MDF), composite materials and non-ferrous metals. Induction-brazed variable carbide teeth with aggressive cutting angle enable fast yet accurate cutting at the same time.

Cut finish quality depends on tooth pitch — the circumferential spacing between teeth, regardless of blade diameter. The denser the teeth arrangement, the smoother the cut surface.

The blade body is manufactured from carbon steel. The cutting tips on teeth are made of tungsten carbide alloy (hard metal).



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
T1170098AL	6"	160	20/16	1,4	2,3	48	TCG	5°	Clean	9500
T1725803AL	6"	165	20/16	1,4	2,3	56	TCG	5°	Clean	9500
T1245744AL	7 1/2"	190	30/20/16	1,4	2,3	80	TCG	5°	Clean	8000
T1256592AL	7 1/2"	190	30/20/16	1,4	2,3	64	TCG	5°	Clean	8000
T1396333H	8 9/32"	210	30/25,4	1,5	2,5	80	TCG	5°	Clean	7500
T1731003AL	8 9/32"	210	30/25,4	1,5	2,5	60	TCG	5°	Clean	7500
T1998424AL	8 1/2"	216	30/25,4	1,5	2,5	100	TCG	5°	Clean	7500
T1262302AL	8 1/2"	216	30/25,4	1,5	2,5	80	TCG	5°	Clean	7500
T1535487AL	9"	230	30/25,4	1,6	2,5	100	TCG	5°	Clean	6500
T1424665AL	9"	230	30/25,4	1,6	2,5	80	TCG	5°	Clean	6500
T1118878AL	10"	250	30/25,4	2,0	2,7	100	TCG	5°	Clean	6000
T1833834H	10 1/32"	255	30/25,4	2,0	2,8	100	TCG	5°	Clean	6000
T1708830H	10 1/32"	255	30/25,4	2,0	2,8	120	TCG	5°	Clean	6000
T1447253AL	12"	300	30/25,4	2,2	3,0	120	TCG	5°	Clean	4800
T1258009AL	12"	300	30/25,4	2,2	3,0	100	TCG	5°	Clean	4800
T1386317H	12"	305	30/25,4	2,2	3,0	120	TCG	5°	Clean	4800
T1127177AL	12"	305	30/25,4	2,2	3,0	100	TCG	5°	Clean	4800
T1751187AL	14"	350	32/30/25,4	2,2	3,0	108	TCG	5°	Clean	4000
T1207454H	14"	355	30/25,4	2,2	3,0	120	TCG	5°	Clean	4000
T1676213AL	14"	355	32/30/25,4	2,2	3,0	100	TCG	5°	Clean	4000
T1776793AL	16"	400	32/30/25,4	2,2	3,3	120	TCG	5°	Clean	3500
T1527139AL	16"	400	32/30/25,4	2,2	3,3	96	TCG	5°	Clean	3500
T1616991AL	16 17/32"	420	32/30/25,4	2,2	3,3	120	TCG	5°	Clean	3500
T1219363AL	18"	450	32/30/25,4	2,5	3,6	120	TCG	5°	Clean	3000
T1262854AL	20"	500	32/30/25,4	2,5	3,6	120	TCG	5°	Clean	3000

FOR WOOD

Advantages: The blade features sharp and wear-resistant tips. The high-quality tips offer excellent nail resistance, making it ideal for long-duration rip cutting on table saws. Specialized for cutting with the grain, it ensures greater stability when ripping long boards and delivers an extended service life.



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
T1532735	12 1/2"	315	30	2.0	3.0	24	ATB	5°	Optimal	4800
T1708726	14"	350	30	2.2	3.3	24	ATB	5°	Optimal	6000



Features: Laser-cut with an ultra-thin base body. Equipped with anti-kickback teeth and straight-slot vibration reduction, delivering significant noise-dampening effects.
Advantages: Features sharp and wear-resistant, high-quality tips with excellent nail-resistance. Ensures high cutting efficiency, superior protection via anti-kickback teeth, and smooth, flat cutting surfaces. Ideal for woodworking cross-cutting and sizing, while minimizing material waste.

	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
T1255174	6 1/4"	160	30	1.0	1.7	24	ATB	10°	Fast Cut	9500
T1164211	6 1/4"	160	30	1.0	1.7	24	ATB	10°	Fast Cut	9500
T1709012	7 1/4"	184	30	1.0	1.7	24	ATB	10°	Fast Cut	8300
T1668609	7 1/2"	190	30	1.0	1.7	24	ATB	10°	Fast Cut	8000
T1268016	8 1/4"	210	30	1.0	1.7	24	ATB	10°	Fast Cut	7500
T1133438	8 1/2"	216	30	1.0	1.7	24	ATB	10°	Fast Cut	7500



Advantages: The blade features sharp and wear-resistant tips. The high-quality tips offer excellent nail resistance, making it ideal for long-duration rip cutting on table saws. Specialized for cutting with the grain, it ensures greater stability when ripping long boards and delivers an extended service life.

	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM								
TORQWIN										
T1791702	8 "	200	30	1.6	2.8	24	ATB	10°	Optimal	7500
T1731104	8 1/4"	210	30	1.6	2.8	24	ATB	10°	Optimal	7500
T1778759	8 "	216	30	1.6	2.8	24	ATB	10°	Optimal	7500
T1799279	9"	230	30	1.6	2.8	24	ATB	10°	Optimal	6500
T1784254	9 1/4"	235	30	1.6	2.8	24	ATB	10°	Optimal	6500
T1708726	10"	250	30	1.8	2.8	24	ATB	10°	Optimal	6000
T1557532	10"	255	30	1.8	2.8	24	ATB	10°	Optimal	6000



3-tooth cutting disc for angle grinders.
Suitable for cutting solid wood, plywood, laminate flooring, parquet boards, drywall, MDF, particle board, and aerated concrete blocks.
Three specially shaped tungsten carbide teeth enable smooth chip removal and deliver even, burr-free clean cuts.
This disc is engineered for high-RPM operation.
Its special body structure prevents overheating even during extended continuous use.

	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
T537475	4 1/2"	115	22.23/20/16	2.2	3.8	3	Semicircular	15°	Fast	12000
T537374	5"	125	22.23/20/16	2.2	3.8	3	Semicircular	15°	Fast	12000
T1553888	5"	125	22.23/20	2.2	3.8	3	Semicircular	15°	Fast	12000



This wood-cutting circular saw blade is designed for use with handheld and stationary circular saws.
A positive hook angle on the teeth delivers high cutting efficiency.
The flat grind and sharp knife-style tooth profile support clean rip cuts and cross cuts on both softwood and hardwood.
Do not immediately discard the saw blade if a tooth breaks off.
The blade can remain operational with up to 20% tooth loss, provided the damaged teeth are not consecutive.



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
S67071	4 3/8"	110	22.23	1.2	1.2	40	Tip-free	-	Clean Cut	13000
S67072	4 3/8"	110	22.23	1.2	1.2	60	Tip-free	-	Clean Cut	13000
S67073	4 3/8"	110	22.23	1.2	1.2	80	Tip-free	-	Clean Cut	13000
S67074	5"	125	22.23	1.2	1.2	40	Tip-free	-	Clean Cut	12000
S67075	5"	125	22.23	1.2	1.2	60	Tip-free	-	Clean Cut	12000
S67076	5"	125	22.23	1.2	1.2	80	Tip-free	-	Clean Cut	12000
S67077	5"	125	22.23/20/16	1.2	1.2	48	Tip-free	-	Clean Cut	12000

Carbide-tipped circular saw blade for wood cutting.
Engineered to deliver precise, clean rip cuts and cross cuts in softwood, hardwood, laminated veneer lumber, plywood, laminate flooring and particle board.
Induction-brazed variable carbide teeth paired with an aggressive cutting angle deliver fast cutting speeds and superior cut finish quality.
Cut smoothness is determined by tooth pitch — the circumferential spacing between teeth around the blade. The smaller the tooth pitch (i.e., the denser the tooth arrangement), the cleaner the resulting cut.
The blade body is manufactured from carbon steel.
The cutting tips are made of tungsten carbide alloy (hard metal).



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORQWIN										
T1981064	4 3/8"	110	20/16	1.1	1.9	40	ATB	15°	Clean Cut	13000
T374618	4 1/2"	115	22.23/20	1.1	1.9	24	ATB	15°	Fast Cut	12500
S46725	4 1/2"	115	22.23/20	1.1	1.9	36	ATB	15°	Clean Cut	12500
S63055	4 1/2"	115	22.23/20	1.1	1.9	48	ATB	15°	Clean Cut	12500
S58930	5"	125	22.23/20	1.2	1.9	24	ATB	15°	Fast Cut	12000
S56316	5"	125	22.23/20	1.2	1.9	36	ATB	15°	Optimal	12000
S45960	5"	125	22.23/20	1.2	1.9	48	ATB	15°	Clean Cut	12000
S11605	5 7/8"	150	22.23/20	1.4	2.3	36	ATB	15°	Optimal	10000
S25978	5 7/8"	150	22.23/20	1.4	2.3	48	ATB	15°	Clean Cut	10000
S42885	6 5/16"	160	20/16	1.4	2.3	24	ATB	15°	Fast Cut	9500
S88001	6 5/16"	160	20/16	1.4	2.3	36	ATB	15°	Optimal	9500
T1380268	6 5/16"	160	20/16	1.4	2.3	48	ATB	15°	Clean Cut	9500
S43110	6 5/16"	160	32/30/25.4	1.4	2.3	36	ATB	15°	Optimal	9000
S22733	6 1/2"	165	20/16	1.4	2.3	24	ATB	15°	Fast Cut	9500
S73749	6 1/2"	165	20/16	1.4	2.3	48	ATB	15°	Clean Cut	9500
S68357	7 1/16"	180	22.23/20	1.4	2.3	40	ATB	15°	Optimal	8300
T574160	7 1/4"	185	20/16	1.4	2.3	24	ATB	15°	Fast Cut	8300
T616700	7 1/4"	185	20/16	1.4	2.3	36	ATB	15°	Fast Cut	8300
S75138	7 1/4"	185	20/16	1.4	2.3	48	ATB	15°	Clean Cut	8300
S94962	7 1/2"	190	20/16	1.5	2.3	24	ATB	15°	Fast Cut	8000
S45411	7 1/2"	190	20/16	1.5	2.3	36	ATB	15°	Fast Cut	8000
T1345298	7 1/2"	190	22.23/16	1.5	2.3	48	ATB	15°	Optimal	8000
T784254	7 1/2"	190	30/20/16	1.5	2.3	24	ATB	15°	Fast Cut	8000
S37626	7 1/2"	190	30/20/16	1.5	2.3	36	ATB	15°	Fast Cut	8000
T1449465	7 1/2"	190	30/20/16	1.5	2.3	40	ATB	15°	Optimal	8000



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORWIN										
S62577	7 1/2"	190	30/20/16	1.5	2.3	48	ATB	15°	Clean Cut	8000
S93571	7 7/8"	200	32/30/20/16	1.5	2.3	24	ATB	15°	Fast Cut	7500
S93797	7 7/8"	200	32/30/20/16	1.5	2.3	36	ATB	15°	Optimal	7500
S42718	7 7/8"	200	32/30/20/16	1.5	2.3	48	ATB	15°	Clean Cut	7500
T1265930	7 7/8"	200	30/20/16	1.5	2.3	36	ATB	15°	Optimal	7500
S42714	8 1/4"	210	32/30/20/16	1.5	2.5	40	ATB	15°	Optimal	7500
S53233	8 1/4"	210	30/20/16	1.5	2.5	80	ATB	15°	Clean Cut	7500
S53233H	8 1/4"	210	30/25.4	1.5	2.5	80	ATB	15°	Clean Cut	7500
T1638045	8 1/2"	216	30/20/16	1.5	2.5	24	ATB	15°	Fast Cut	7000
S84720	8 1/2"	216	30/20/16	1.5	2.5	60	ATB	15°	Clean Cut	7000
T1624019	9 1/16"	230	30/20/16	1.6	2.5	36	ATB	15°	Fast Cut	6500
S65519	9 1/4"	235	30/20/16	1.6	2.5	48	ATB	15°	Optimal	6500
T1818667	9 1/4"	235	30/20/16	1.6	2.5	48	ATB	15°	Optimal	6500
T1545845	9 7/8"	250	30/25.4/20/16	1.8	2.7	48	ATB	15°	Optimal	6000
S24456	9 7/8"	250	32/30/20/16	1.8	2.7	24	ATB	15°	Fast Cut	6000
S32734	9 7/8"	250	32/30/20/16	1.8	2.7	36	ATB	15°	Fast Cut	6000
S57495	9 7/8"	250	32/30/20/16	1.8	2.7	48	ATB	15°	Optimal	6000
S43436	9 7/8"	250	32/30/20/16	1.8	2.7	56	ATB	15°	Clean Cut	6000
T708726	9 7/8"	250	32/30/20/16	1.8	2.7	60	ATB	15°	Clean Cut	6000
T724742	10"	255	30/25.4/20/16	1.8	2.7	60	ATB	15°	Clean Cut	6000
T557532	10"	255	30/25.4/20/16	1.8	2.7	100	ATB	15°	Clean Cut	6000
S65376	12"	300	32/30/20/16	2.0	3.1	32	ATB	15°	Fast Cut	4800
T532735	12"	300	32/30/20/16	2.0	3.1	36	ATB	15°	Fast Cut	4800
S25559	12"	300	32/30/20/16	2.0	3.1	48	ATB	15°	Fast Cut	4800
S31411	12"	300	32/30/20/16	2.0	3.1	60	ATB	15°	Optimal	4800
S66857	12"	300	50/30	2.0	3.1	40	ATB	15°	Fast Cut	4800
T1386217	12"	305	30/20/16	2.0	3.1	60	ATB	15°	Optimal	4800
T245844	13 3/4"	350	50/30	2.2	3.3	40	ATB	15°	Fast Cut	4000
T1323479	13 3/4"	350	50/30	2.2	3.3	60	ATB	15°	Clean Cut	4000
T869201	15 3/4"	400	50/30	2.2	3.3	24	ATB	15°	Fast Cut	3500
T164211	15 3/4"	400	50/30	2.2	3.3	60	ATB	15°	Optimal	3500
S59335	17"	450	50/30	2.5	3.6	24	ATB	15°	Fast Cut	3000
S57296	19"	500	50/30	2.5	3.6	36	ATB	15°	Fast Cut	3000
T522678	19"	500	50/30/25.4	2.5	3.6	60	ATB	15°	Optimal	3000



ATB (Alternate Top Bevel) teeth, also known as alternating bevel teeth, are one of the most common tooth profiles for wood-cutting circular saw blades.

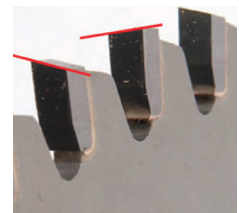
Key feature: The top edge of each tooth is bevelled. The bevel direction alternates: one tooth slopes to the left, the next to the right.

This tooth geometry allows the teeth to act as small cutters. The alternating bevels shear wood fibres from both sides of the cutting kerf.

The resulting cut is clean with minimal chipping on the material surface.

This property is especially important when cutting laminated panels, plywood or veneered timber.

The main advantage of saw blades with ATB teeth: superior cut quality, making them ideal for cross-cutting.





UNIVERSAL CUTTING DISC

Universal cut-off disc, diameter 125 mm, mounting bore 22.23 mm, thickness 1.2 mm.
This disc is designed to be fitted onto an angle grinder for cutting wood and laminate (including materials that may contain metal inclusions).
Segments with tungsten carbide inserts and a special profile enable fast cutting of wood of any density.
Manufacturing process: vacuum brazing.
Special slots on the disc provide overheating protection.



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T133438	5"	125	22.23	1.2	-	9	-	-	Clean Cut	12500

TORGWIN MULTICUT Saw Blade

The TORGWIN MULTICUT saw blade features trapezoidal flat (TCG) teeth with a 5° positive hook angle, delivering clean, precise cuts free from splintering.
It is engineered for cutting a wide range of materials: wood, plastic, aluminum and other similar non-ferrous materials.
The specialized tooth geometry reduces vibration and ensures smooth cutting, leaving perfectly even workpiece edges.
This blade is compatible with the majority of circular saw machines.



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T1542690	6 1/2"	165	20/16	1.4	2.3	56	TCG	5°	Clean Cut	9500
T1998328	7 1/2"	190	30/20	1.5	2.3	64	TCG	5°	Clean-Cut	8000

FOR LAMINATE

TORGWIN Laminate Cutting Saw Blade

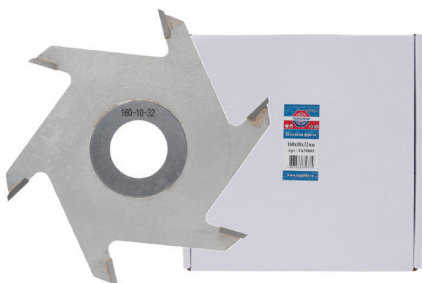
The TORGWIN saw blade dedicated to laminate features trapezoidal flat (TCG) teeth with a 5° positive hook angle, delivering clean, precise splinter-free cuts.
It is designed for cutting laminate flooring, plastic, acrylic glass (plexiglass) and other similar materials.
Specialized tooth geometry reduces vibration and ensures smooth cutting, leaving perfectly even edges on workpieces.
This blade is compatible with most circular saws.



	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T1227143	6 1/2"	165	20/16	1.4	2.3	56	TCG	5°	Clean Cut	9500
T1418014	7 1/2"	190	30/20	1.5	2.3	64	TCG	5°	Clean-Cut	8000



WOOD GROOVE CUTTING ROUTER BITS



Carbide-Tipped Grooving Router Bit
 Carbide-tipped grooving bit, mounting bore diameter: 32 mm.
 Designed for milling rectangular grooves and quarter-round recess cutting on universal milling machines.
 Suitable for machining wood along the grain, covering both hardwood and softwood species.
 The bit body is manufactured from tool steel, fitted with six brazed carbide cutting teeth.
 Compatible with machine models: BELMASH Universal-2500E, SDM-2000, SDM-2200, SDM-2500, Master-Praktik and other equivalent units.

	Diameter		Bore	Blade Thickness	Kerf Thickness	Teeth	Teeth Geometry	Grind Angle	Cut Type	Max RPM
	Inch	MM	MM	MM	MM	pcs / T				
TORGWIN										
T616461	5"	125	32	9.0	10	6	-	25°	Along the grain	6200
T562694	5"	125	32	9.0	12	6	-	25°	Along the grain	6200
T629603	6"	160	32	9.0	10	6	-	25°	Along the grain	4000
T966421	6"	160	32	9.0	12	6	-	25°	Along the grain	4000

TCT CIRCULAR SAW BLADES

CATALOGUE



 www.nbtg-tools.com
 cassie@nbtg-tools.com

