

PRODUCT GUIDE AND ASSORTMENT

CHOOSE THE CORRECT CIRCULAR SAWBLADE

Luna TOOLS

CHOOSE THE CORRECT SAWBLADE



There are several factors to consider when choosing a blade:

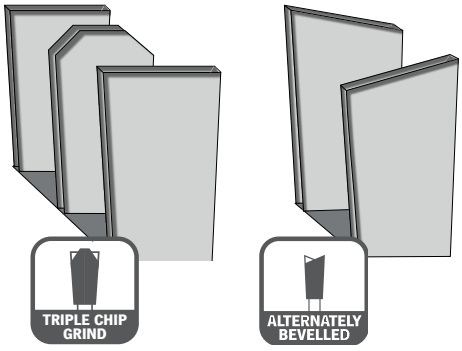
- *Dimension*
- *Material*
- *Cross-cut or split*
- *Finish*

DIMENSION

The diameter of the blade and the size of the centre hole determine whether the blade is suitable for your machine. For example, a common size is Ø160 and centre hole Ø20. This is marked both on your machine and on the blade.

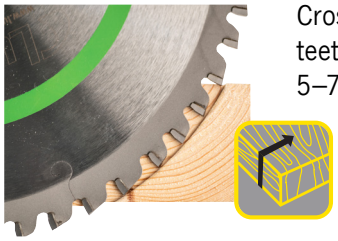
MATERIAL

Different materials require different blade designs and, above all, blade teeth. Blades are available for solid wood, chipboard, mouldings, extra fine cuts in hard wood, metal and for many other applications. The right blade will optimize your performance. The grinding on the teeth is important depending on whether you are going to be cutting abrasive or easier-to-work materials. If you are cutting abrasive materials such as laminated sheets, aluminium or other metal, a blade with Triple Chip Grind teeth will work best. For easier-to-work materials such as solid wood and chipboard, a blade with Alternately Bevelled teeth is the best choice.



CROSS CUT OR SPLIT?

Chose the number of teeth on the blade according to whether you want to cross-cut or split, and how fine the cut should be. More teeth means that the teeth are closer together. This will result in finer cuts. Fewer teeth will speed up cutting, but the cut will often be coarser with more chipping.



Cross cut is when you saw against the fibres. More teeth are needed to cut through the fibres efficiently. 5–7 teeth is optimal here.

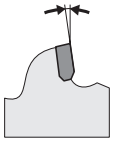


Rip cut is when you saw along the length of the fibres. Strive for fewer teeth on the blade to cut apart the fibres efficiently. 3–5 teeth is optimal here.

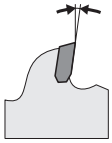
On Luna Tools blades, the number of teeth is indicated by a Z. An example is Z48, which means there are 48 teeth on the blade.

FINISH

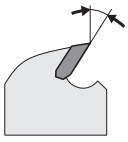
Do you want to make fast and coarse cuts or fine and slow cuts? Select the front angle depending on the material you are cutting and what you are ripping or cross-cutting.



-5 degrees is used for cross-cutting mouldings, plastics, soft metal or laminates. A negative front angle reduces chipping and works especially well in hard materials. Slower cutting than with a greater front angle.



5–15 degrees is used when cross-cutting wood, chipboard, plywood, laminated wood, veneer wood and hard plastic. This is the most common blade and the front angle gives a good all-round result.



>15 degrees is used for ripping wet and dry wood. The aggressive front angle efficiently tears the fibres. The result is a high ripping speed but coarse cuts with chipping.

Luna TOOLS

GUIDE











ITEM NO	DESCRIPTION	CROSS CUT	RIP CUT	LESS CHIPPING AND WORKS WELL IN HARD MATERIALS	SILENT	SUITABLE FOR POWER-TOOLS	SAFETY-BLADE	PRECISION CUT IN HARD WOOD
277600086	SAWBLADE TCT BS 85X15 Z20	●	●		●	●		
277600094	SAWBLADE TCT BS 152X20 Z24	○	●		●	●	●	
277600102	SAWBLADE TCT BS 160X20 Z48	●			●	●		
277600110	SAWBLADE TCT BS 160X20 Z24		●		●	●	●	
277600128	SAWBLADE TCT BS 165X20 Z48	●			●	●		
277600136	SAWBLADE TCT BS 125X20 Z24	●	●		●	●		
277600201	SAWBLADE TCT BS 165X30 Z48	●			●	●		
277600300	SAWBLADE TCT BS 216X30 Z64	●			●	●		
277600409	SAWBLADE TCT BS 216X30 Z48	●	○		●	●		
277600417	SAWBLADE TCT BS 165X20 Z24		●		●	●	●	
277600508	SAWBLADE TCT BS 165X30 Z24		●		●	●	●	
277600516	SAWBLADE TCT BS 184X16 Z44	●			●	●		
277600524	SAWBLADE TCT BS 184X16 Z28		●		●	●	●	
277600607	SAWBLADE TCT BS 184X30/20 Z44	●			●	●		
277600706	SAWBLADE TCT BS 184X30/20 Z28		●		●	●	●	
277600805	SAWBLADE TCT BS 190X30 Z48	●			●	●		
277600904	SAWBLADE TCT BS 190X30/20 Z32	●	●		●	●	●	
277600912	SAWBLADE TCT BS 204X30 Z32	●	●		●	●		
277601001	SAWBLADE TCT BS 210X30 Z48	●	○		●	●		
277601100	SAWBLADE TCT BS 210X30 Z28		●		●	●	●	
277601209	SAWBLADE TCT BS 216X30 Z28		●		●	●	●	
277601308	SAWBLADE TCT BS 216X30 Z28N	○	○	●	●	●	●	
277601407	SAWBLADE TCT BS 250X30 Z64	●			●	●		
277601506	SAWBLADE TCT BS 250X30 Z64N	●		●	●	●		
277601605	SAWBLADE TCT BS 250X30 Z42	○	○		●	●		
277601704	SAWBLADE TCT BS 254X30 Z40	○	●		●	●		
277601803	SAWBLADE TCT BS 254X30 Z40N	●	●	●	●	●		
277601902	SAWBLADE TCT BS 255X30 Z60N	●		●			●	
277602009	SAWBLADE TCT BS 260X30 Z62	●			●	●		
277602108	SAWBLADE TCT BS 260X30 Z50N	●	●	●	●	●		
277603007	SAWBLADE TCT THIN 136X20 Z24	●		○	●	●		
277603015	SAWBLADE TCT THIN 160X20 Z24	●		○	●	●		
277603023	SAWBLADE TCT THIN 160X20 Z48		●	○	●	●		
277603031	SAWBLADE TCT THIN 165X20 Z24	●		○	●	●		
277603049	SAWBLADE TCT THIN 165X20 Z48		●	○	●	●		

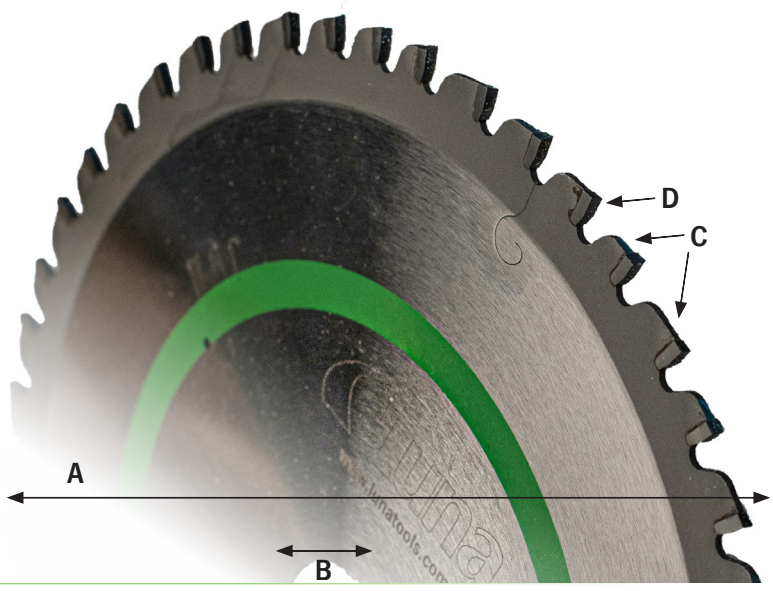
● Perfect for the purpose ○ Works well for the purpose

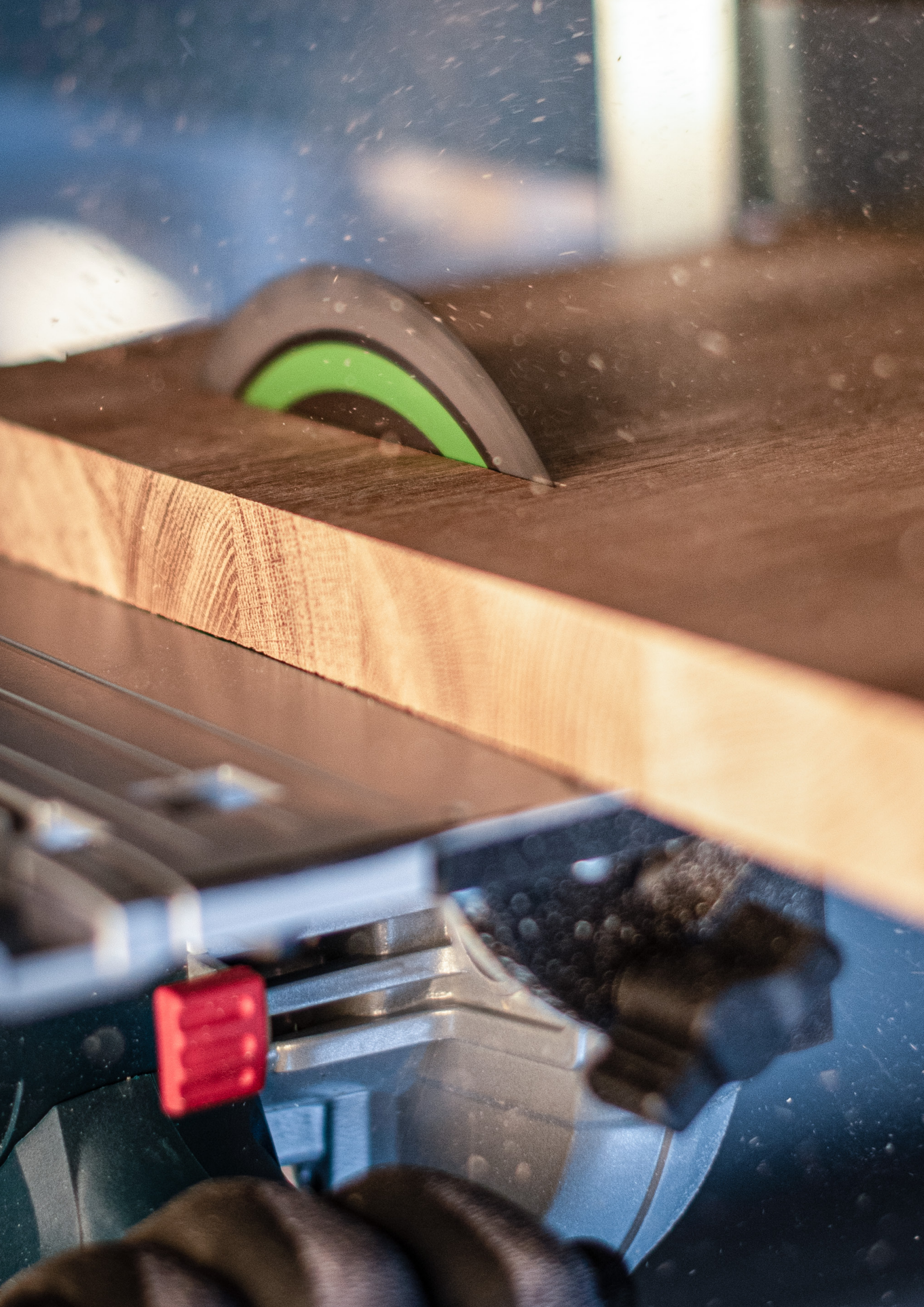
ITEM NO	DESCRIPTION	CROSS CUT	RIP CUT	LESS CHIPPING AND WORKS WELL IN HARD MATERIALS	SILENT	SUITABLE FOR POWER-TOOLS	SAFETY-BLADE	PRECISION CUT IN HARD WOOD
277603056	SAWBLADE TCT THIN 190X30 Z48		●	○	●	●		
277603064	SAWBLADE TCT THIN 210X30 Z48		●	○	●	●		
277603072	SAWBLADE TCT THIN 216X30 Z48	●	●	○	●	●		
277603080	SAWBLADE TCT THIN 216X30 Z64		●	○	●	●		
280910209	SAWBLADE TCT CON 300X30 Z54	○	●				●	
280910308	SAWBLADE TCT CON 300X30 Z36		●				●	
280910407	SAWBLADE TCT CON 305X30 Z60N		●	●			●	
280910506	SAWBLADE TCT CON 315X30 Z40	○	●				●	
280910605	SAWBLADE TCT CON 350X30 Z42	○	●				●	
280910704	SAWBLADE TCT CON 400X30 Z64	●					●	
280910803	SAWBLADE TCT CON 400X30 Z48	○	●				●	
280910902	SAWBLADE TCT CON 400X30 Z40		●		●			
286930102	SAWBLADE TCT PRIME 160x20 Z36	●	○	●	●			●
286930201	SAWBLADE TCT PRIME 216x30 Z48	●	○	●	●			●
286930300	SAWBLADE TCT PRIME 254x30 Z60	●		●	●			●
286200100	SAWBLADE TCT ST 165X20 Z48	●	●					
286200118	SAWBLADE TCT ST 165X20 Z24		●					
286200126	SAWBLADE TCT ST 165X30 Z48	●	●					
286200134	SAWBLADE TCT ST 216X30 Z48	●	●					
286200142	SAWBLADE TCT ST 250X30 Z48	●	●					
286200159	SAWBLADE TCT ST 254X30 Z48	●	●					

● Perfect for the purpose ○ Works well for the purpose

DIMENSIONS

A = Diameter
B = Diameter hole
C = Cutting width (the width is usually determined by more than one tooth due to different grindings). Also known as kerf.
D = Blade body thickness (blade thickness, excluding tips)





Silent

Saw blades for professional use with sound absorbing laser grooves in the main blade. Thinner main blade that fits both battery powered and mains powered machines. Available for most hand circular saws on the market. Ripping blades have a specially designed teeth guard for safer sawing. Tungsten carbide teeth. For machining wood, chipboard and plywood. The blade can be sharpened several times.



ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
277600086	85 mm	15 mm	1.7 mm	0.7 mm	20 pcs	8°
277600136	125 mm	20 mm	1,2 mm	0,9 mm	24 st	15°
277600094	152 mm	20 mm	2.0 mm	1.3 mm	24 pcs	20°
277600102	160 mm	20 mm	2.2 mm	1.3 mm	48 pcs	6°
277600110	160 mm	20 mm	2.2 mm	1.3 mm	24 pcs	20°
277600128	165 mm	20 mm	2.2 mm	1.3 mm	48 pcs	8°
277600201	165 mm	30 mm	2.2 mm	1.3 mm	48 pcs	8°
277600417	165 mm	20 mm	2.2 mm	1.3 mm	24 pcs	20°
277600508	165 mm	30 mm	2.2 mm	1.3 mm	24 pcs	20°
277600607	184 mm	30 / 20 mm	2.2 mm	1.3 mm	44 pcs	8°
277600706	184 mm	30 / 20 mm	2.2 mm	1.3 mm	28 pcs	20°
277600805	190 mm	30 mm	2.2 mm	1.3 mm	48 pcs	8°
277600904	190 mm	30 / 20mm	2.2 mm	1.3 mm	32 pcs	20°
277600912	204 mm	30 mm	2.4 mm	1.4 mm	32 pcs	20°
277601001	210 mm	30 mm	2.4 mm	1.4 mm	48 pcs	-5° NEG
277601100	210 mm	30 mm	2.4 mm	1.4 mm	28 pcs	20°
277600300	216 mm	30 mm	2.4 mm	1.4 mm	64 pcs	-5° NEG
277600409	216 mm	30 mm	2.4 mm	1.4 mm	48 pcs	-5° NEG
277601209	216 mm	30 mm	2.4 mm	1.4 mm	28 pcs	20°
277601308	216 mm	30 mm	2.4 mm	1.4 mm	28 pcs	-5° NEG
277601407	250 mm	30 mm	2.4 mm	1.4 mm	64 pcs	8°
277601506	250 mm	30 mm	2.4 mm	1.4 mm	64 pcs	-5° NEG
277601605	250 mm	30 mm	2.4 mm	1.4 mm	42 pcs	20°
277601704	254 mm	30 mm	2.4 mm	1.4 mm	40 pcs	20°
277601803	254 mm	30 mm	2.4 mm	1.4 mm	40 pcs	-5° NEG
277601902	255 mm	30 mm	2.4 mm	1.4 mm	60 pcs	-5° NEG
277602009	260 mm	30 mm	2.4 mm	1.4 mm	62 pcs	8°
277602108	260 mm	30 mm	2.4 mm	1.4 mm	50 pcs	-5° NEG

Thin

Extra thin circular saw blade specially designed for battery powered machines. With tungsten carbide teeth for cutting and shearing all types of wood material and sawing through different forms of board material. Manufactured with a hardened main blade and high quality requirements intended for professional use. The blade can be resharpened.



ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
277603007	136 mm	20 mm	1,5 mm	1,1 mm	24 st	20°
277603015	160 mm	20 mm	1,5 mm	1,1 mm	24 st	20°
277603023	160 mm	20 mm	1,5 mm	1,1 mm	48 st	15°
277603031	165 mm	20 mm	1,5 mm	1,1 mm	24 st	20°
277603049	165 mm	20 mm	1,5 mm	1,1 mm	48 st	15°
277603056	190 mm	30 mm	1,8 mm	1,3 mm	48 st	18°
277603064	210 mm	30 mm	1,8 mm	1,3 mm	48 st	18°
277603072	216 mm	30 mm	1,8 mm	1,3 mm	48 st	18°
277603080	216 mm	30 mm	1,8 mm	1,3 mm	64 st	12°

Standard

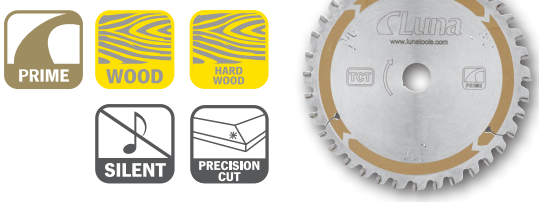
Circular saw blade with tungsten carbide teeth for cutting and shearing all types of wood material and sawing through different forms of board material. The blade can be sharpened several times.



ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
286200100	160 mm	20 mm	2,2 mm	1,4 mm	48 st	15°
286200118	165 mm	20 mm	2,2 mm	1,4 mm	24 st	15°
286200126	165 mm	30 mm	2,2 mm	1,4 mm	48 st	15°
286200134	216 mm	30 mm	2,8 mm	1,8 mm	48 st	15°
286200142	250 mm	30 mm	2,8 mm	1,8 mm	48 st	15°
286200159	254 mm	30 mm	2,8 mm	1,8 mm	48 st	15°

Prime

Extra sharp special grinding for very fine cuts in hard materials such as oak. Very little chipping and excellent perpendicular cuts. Perfect for working in hard wood.



ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
286930102	160 mm	20 mm	2,2	1,3	36 pcs	-5° NEG
286930201	216 mm	30 mm	2,4	1,4	48 pcs	-5° NEG
286930300	254 mm	30 mm	2,4	1,4	60 pcs	-5° NEG

Construction

Circular saw blade with tungsten carbide teeth for cutting and ripping all types of wood material and sawing through different types of board material. Hardened main blade made to the highest quality standards for professional use. The blade can be sharpened many times. With teeth guard for safer sawing.





ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
280910308	300 mm	30 mm	2.8 mm	1.8 mm	36 pcs	20°
280910209	300 mm	30 mm	2.8 mm	1.8 mm	54 pcs	20°
280910407	305 mm	30 mm	2.8 mm	1.8 mm	60 pcs	-5° NEG
280910506	315 mm	30 mm	2.8 mm	1.8 mm	40 pcs	20°
280910605	350 mm	30 mm	3.2 mm	2.2 mm	42 pcs	20°
280910803	400 mm	30 mm	3.2 mm	2.2 mm	48 pcs	20°
280910902	400 mm	30 mm	3.2 mm	2.2 mm	40 pcs	20°
280910704	400 mm	30 mm	3.2 mm	2.2 mm	64 pcs	20°

Long life

Tungsten carbide saw blades for hand circular saws and stationary saws. For extra hard wearing materials such as high pressure laminate, chipboard, HDF, MDF and laminated worktops. Regular regrinding will prolong blade life and increase sawing quality. The saw blade has trapezoidal teeth, sound absorbing laser grooves and long life metal.21256-1005 has a pin hole.





ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
212560205	160 mm	20 mm	2,5 mm	1,5 mm	36 st	8°
212560304	165 mm	30 mm	2,5 mm	1,5 mm	36 st	8°
212560601	210 mm	30 mm	2,8 mm	1,8 mm	48 st	-5° NEG
212560700	216 mm	30 mm	2,8 mm	1,8 mm	48 st	-5° NEG
212560809	250 mm	30 mm	2,8 mm	1,8 mm	60 st	-5° NEG
212560908	260 mm	30 mm	2,8 mm	1,8 mm	60 st	-5° NEG
212561005	305 mm	30 mm	2,8 mm	1,9 mm	96 st	-5° NEG

Fibre cement

Saw blades for cutting through fibre cement.
Diamond coated teeth. PCD teeth.





ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
279830103	160 mm	20 mm	1.8 mm	1.3 mm	4 pcs	10°
279830202	165 mm	20 mm	1.8 mm	1.3 mm	4 pcs	10°



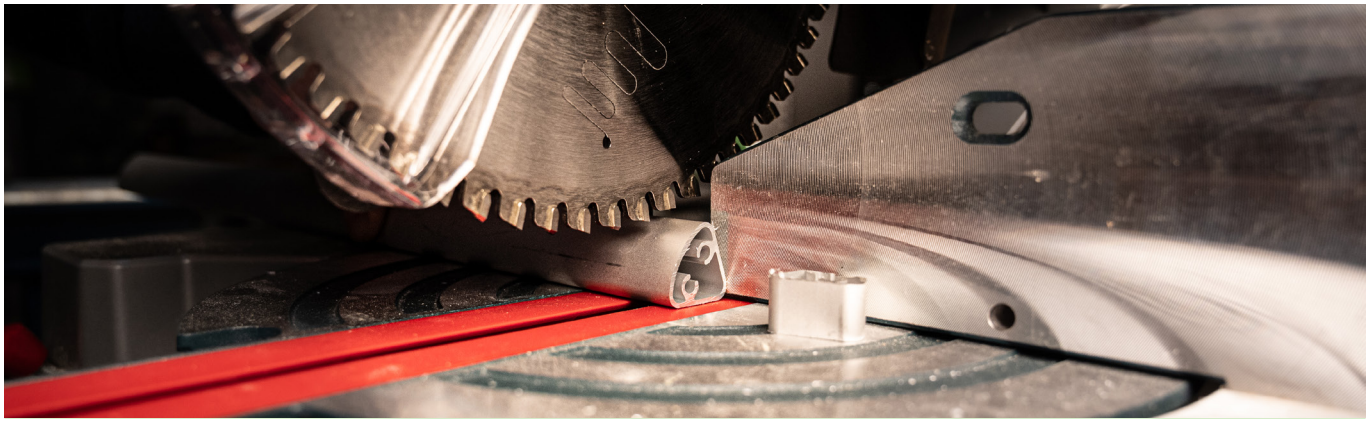
Aluminium

Circular saw blade Aluminium. Tungsten carbide saw blades for hand circular saws and stationary saws. For sawing aluminium, copper, brass, hard plastic, etc.





ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
212570204	160 mm	20 mm	2,8 mm	2,0 mm	48 st	-2° NEG
212570303	216 mm	30 mm	2,8 mm	2,0 mm	64 st	-5° NEG
212570402	250 mm	30 mm	3,2 mm	2,4 mm	80 st	-2° NEG
212570501	305 mm	30 mm	3,2 mm	2,4 mm	96 st	-2° NEG



Steel

Tungsten carbide saw blades for hand circular saws and stationary saws. For sawing unhardened and stainless materials. Can be used in electric hand saws by e.g. sheet metal workers, plumbers and mechanical workshops. Sawing in stainless steel is hard wearing, regular blade sharpening will prolong blade life.



ITEM NO	DIAMETER	DIAMETER HOLE	TRACK WIDTH	BLADE BODY THICKNESS	TEETH	FRONT ANGLE
212580005	125 mm	20 mm	1,2 mm	0,9 mm	40 st	0°
212580104	160 mm	20 mm	2,0 mm	1,6 mm	36 st	0°
212580112	165 mm	15,87 mm	1,6 mm	1,1 mm	48 st	0°
212580211	203 mm	15,87 mm	1,5 mm	1,1 mm	50 st	0°
212580302	216 mm	30 mm	2,0 mm	1,6 mm	48 st	0°
212580401	250 mm	30 mm	2,2 mm	1,8 mm	60 st	0°

Insert ring

Made of metal. For reducing the hole diameter in circular saw blades and cut-off wheels. Allows greater flexibility – the same circular saw blade fits several circular saws.



ITEM NO	DESCRIPTION	DIMENSION	THICKNESS
207430901	INSERT RING 20X15,87X1,2MM	20x15,8	1,2
207431008	INSERT RING 20X15X1,2MM	20x15	1,2
207431107	INSERT RING 20X16X1,2MM	20x16	1,2
207431206	INSERT RING 25,4X22,2X1,7MM	25,4x22,2	1,7
207431305	INSERT RING 30X15,87X1,2MM	30x15,87	1,2
207431404	INSERT RING 30X15X1,2MM	30x15	1,2
207431503	INSERT RING 30X16X1,2MM	30x16	1,2
207431602	INSERT RING 30X16X1,7MM	30x16	1,7
207431701	INSERT RING 30X20X1,7MM	30x20	1,7
207431800	INSERT RING 30X20X1,2MM	20x20	1,2
207431909	INSERT RING 30X22,2X1,2MM	30x22,2	1,2
207432006	INSERT RING 30X25,4X1,2MM	30x25,4	1,2
207432105	INSERT RING 30X25X1,2MM	30x25	1,2
207432204	INSERT RING 30X25X1,7MM	30x25	1,7

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