

TWIN 860

Loroch
sharp solutions!

Sharpening of circular saw blades for all common metal cutting saw blades and TCT-saw blades for the wood processing industry



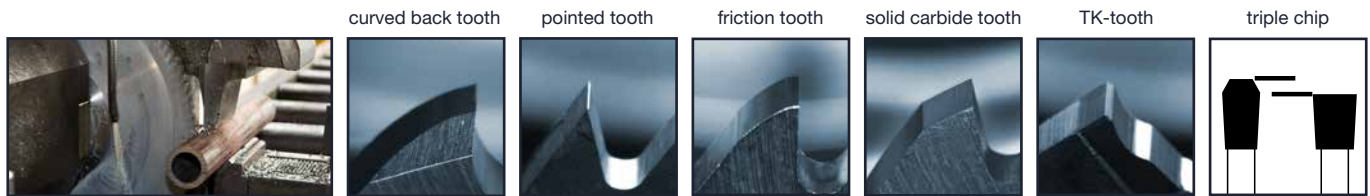
NEW

Processing HSS, Metal- and wood cutting TCT-circular saws with one machine only

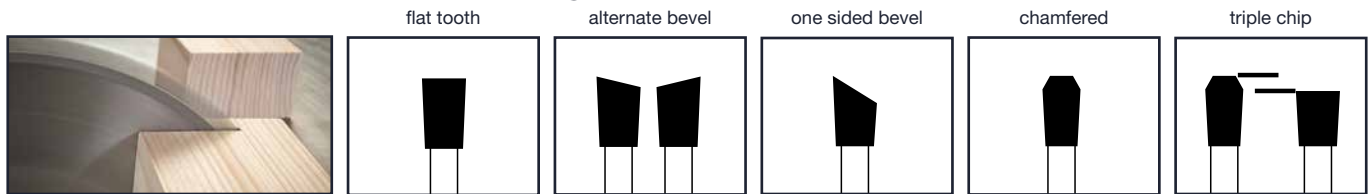
- + Allrounder with a high degree of automation
- + Simplest operation
- + Minimum floor space required



Tooth shapes – Metal Cutting Circular Saw Blades



Tooth shapes – Wood Cutting TCT-Circular Saw Blades



Chamfer/bevel angle on tooth back: infinitely $\leq 45^\circ$, tooth face: straight (axis angle 0° fixed)

Technical data

Working range	HSS	TK (Carbide/Cermet Tipped)	TCT (Tungsten-Carbide-Tipped)
Saw blade \varnothing	60 – 860 mm	200 – 500 mm	140 – 700 mm
Chamfering \varnothing	> 105 mm	> 210 mm	> 140 mm
Tooth pitch	1 – 40 mm	1 – 40 mm	6 – 60 mm
Saw blade thickness	8 mm	5 mm	5 mm
Saw blade receiver			
Bore hole \varnothing	16 – 100 mm (or on request)		
Grinding wheels			
CBN and DIA	\varnothing 200 mm (14F1)		
Bore hole	\varnothing 32 mm		
Grinding spindle speed	≤ 60 m/s (adjustable)		
Cooling			
Coolant pressure	approx. 6 bar		
Coolant type	water emulsion / oil		
Coolant quantity	300 l		
Electrical installation			
Grinding motor power	3 kW		
Machine input power	approx. 6.5 – 9 kVA		
Weight			
Machine net	approx. 1600 kg		
Dimensions (W x D x H)			
	2000 x 1250 x 1980 mm		
Special features			
NEW	For TK- and TCT- saw blades, existing tooth pitch differences will be detected and taken into account during the grinding process.		
	Feed rates are adjustable for each machining operation.		

