

Saw blades

Metal cutting saw blades (t = number of teeth)

HSS/HSS-E

225 x 2,0 x 32 mm	secondary holes 2 x 8/45
225 x 1,6 x 32 mm	secondary holes 2 x 8/45
225 x 1,6 x 40 mm	secondary holes 2 x 8/55
250 x 2,0 x 40 mm	secondary holes 2 x 8/55 + 4 x 12/64
275 x 2,0 x 40 mm	secondary holes 2 x 8/55 + 4 x 12/64
300 x 2,5 x 40 mm	secondary holes 2 x 8/55 + 4 x 12/64
315 x 2,5 x 40 mm	secondary holes 2 x 8/55 + 4 x 12/64
325 x 2,5 x 40 mm	secondary holes 2 x 8/55 + 4 x 12/64
350 x 2,5 x 40 mm	secondary holes 4 x 12/64
400 x 3,0 x 40 mm	secondary holes 4 x 12/64
425 x 3,0 x 40 mm	secondary holes 4 x 12/64
450 x 3,0 x 40 mm	secondary holes 4 x 12/64



Saw blades TCT: rake angle 6°-8° negative, for high-speed machines with saw blade speeds 2600-3600 rpm

225 x 2,8 x 32 mm	secondary holes 2 x 8/45	t = 50, 80
350 x 3,6 x 40 mm	secondary holes 2 x 12/64	t = 84
350 x 3,6 x 40 mm	secondary holes 2 x 12/64	t = 112
370 x 4,0 x 40 mm	secondary holes 2 x 12/64	t = 90
380 x 4,0 x 40 mm	secondary holes 2 x 12/64	t = 96
380 x 3,8 x 40 mm	secondary holes 2 x 12/64	t = 120

Kopal Chamfering tools



tube size per tool (mm)	Chamfer angle: 90°	Chamfer angle: 60°	Shaft end
external 5-36	Model 2.36-EXT. 90°	Model 2.36-EXT. 60°	MK 2
internal 5-42	Model 2.42-INT. 90°	Model 2.42-INT. 60°	
external 9-45	Model 10.46-EXT. 90°	Model 10.46-EXT. 60°	MK 2
external 21-57	Model 20.60-EXT. 90°	Model 20.60-EXT. 60°	MK 2
internal 21-57	Model 20.60-INT. 90°	Model 20.60-INT. 60°	
external 40-75	Model 40.80-EXT. 90°	Model 40.80-EXT. 60°	MK 3 (MK 2)
internal 40-75	Model 40.80-INT. 90°	Model 40.80-INT. 60°	
external 60-95	Model 60.100-EXT. 90°	—	MK 3
internal 60-95	Model 60.100-INT. 90°		
external 80-115	Model 60.120-EXT. 90°	—	MK 3
internal 80-115	Model 60.120-INT. 90°		

Lubrication

Lubrication system	HÄBERLE HS-05	0,5 litre oil container and 1,0 litre Microdosieröl S2000, for small sawing machine types
	HÄBERLE HS-10	1,0 litre oil container and 1,0 litre Microdosieröl S2000, for small sawing machine types
Coolants and Lubricants	Coolant concentrate S2	coolant concentrate, 5 litre, for 50-100 litre coolant emulsion
	Microlube S2000 - 1L	cutting oil for low-consumption lubrication system, immiscible with water, 1 litre
	Microlube S2000 - 5L	cutting oil for low-consumption lubrication system, immiscible with water, 5 litre
	Microlube S2210 - 1L	special oil for spray system, 1 litre
	Microlube S2210 - 2L	special oil for spray system, 2 litre
	Microlube S2210 - 5L	special oil for spray system, 5 litre
Spray systems	UNIST with „1-Drop“ oil pump and mechanical stop valve, 1,5 metre	
	HÄBERLE circular saw nozzle, required compressed air supply, 6 bar	
Model 20/A		for circular sawing machines with mechanical vice, with filter regulators and stem actuated valve
Model 20/B		for circular sawing machines with air vice system



a RSA brand

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a RSA brand

www.haerberle.de



High-Performance sawing machines









For the steel, metal and plastics industry

www.haerberle.de

strong and compact machines - HÄBERLE H 250 and HÄBERLE H 300

For steel, stainless steel and nonferrous metals

Applications: workshop, production and material store

	cutting range mm	90°	45°
H 250		80 Ø	75 Ø
		40 Ø	40 Ø
		70x70 mm	60x60 mm
		110x50 mm	70x50 mm
H 300		95 Ø	90 Ø
		60 Ø	50 Ø
		90x90 mm	80x80 mm
		150x60 mm	110x60 mm



Straight cutting machines - HÄBERLE H 6B

For steel, stainless steel and nonferrous metals

Application: workshop, production and material store



	cutting range mm	90°
H 6B		80 Ø
		40 Ø
		60x60 mm
		110x50 mm



The precision saw - HÄBERLE PS 25B

For aluminium, nonferrous metals and plastics

Application: production, material store and jewellery industry

	cutting range mm	90°
PS 25B		35 Ø
		35x35 mm



Deburring Machines - HÄBERLE HR 302 and HÄBERLE HR 304

Deburring system with blades for tube and bar in steel, stainless steel, nonferrous metals and plastics











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	80-115	Model 60.120-INT. 90°	Model 60.120-INT. 60°	

High-capacity machines - HÄBERLE H 350 and HÄBERLE H 450

For steel, stainless steel and nonferrous metals

Applications: Steel, stainless steel cutting to length and fabrication



	cutting range mm	90°	45°
H 350		120 Ø	105 Ø
		60 Ø	50 Ø
		100x100 mm	90x90 mm
		160x70 mm	110x70 mm
H 450		160 Ø	135 Ø
		60 Ø	50 Ø
		130x130 mm	120x120 mm
		185x100 mm	140x90 mm











High-speed precision for mitre-cuts - HÄBERLE AL 350

For aluminium and plastics

Application: material store, production, window construction



	cutting range mm	90°	45°
AL 350 mit SB Ø 350		120 Ø	110 Ø
		60 Ø	50 Ø
		105x105 mm	95x95 mm
		150x80 mm	110x80 mm
AL 350 mit SB Ø 380		140 Ø	120 Ø
		75 Ø	75 Ø
		120x120 mm	120x120 mm
		165x80 mm	120x70 mm

The dimensional accuracy - roller tables, measurement systems and length stops

Roller tables from 1 to 6 metre, extremely stable design with PVC rollers or alternatively solid rollers made of steel as feed without measuring system or as discharge roller conveyor with digital measurement or with scale.

Measurement systems from 0 to 6 m with measuring system - measuring tape with mm scale on mounting rail 20 x 40 mm or digital with display. Tandem slide system: fine adjustment with 1/10 mm vernier, articulated arm adjustable and foldable, adjustment with clamping levers. The stop bar is adjustable and exchangeable.





Please specify the machine type when ordering, then you will receive the suitable adapter for the machine.



unique compound mitre cut saw - HÄBERLE H 90

For steel, stainless steel and nonferrous metals

Applications: Specialist fabrications, stairs, marine parapets etc.





	cutting range mm	90°	45°	60°
H 90		115 Ø	110 Ø	100 Ø
		50 Ø	50 Ø	50 Ø
		105x105 mm	100x100 mm	95x95 mm
		180x70 mm	160x70 mm	120x70 mm



Small but strong - HÄBERLE S 225

For steel, stainless steel and nonferrous metals

Application: Assembly and workbench for sawing for small sections and tube

	cutting range mm	90°	45°	60°
S 225		70 Ø	65 Ø	45 Ø
		40 Ø	—	—
		60x60 mm	50x50 mm	40x40 mm
		20x50 mm	60x60 mm	40x50 mm



Quality & precision

For almost 60 years, customers worldwide have valued and trusted the high-quality metal circular saws and pipe deburring machines from HÄBERLE®. Our machines are used wherever highest precision and quality are required.

Made in Germany

Our saws, deburring machines, roller tables and length stops are all made in Germany.

Fields of application

Metalworking companies, car component manufacturers and their suppliers, window manufacturers, locksmiths, air-conditioning technicians. The HÄBERLE® brand is trusted by workshops, the jewellery industry, universities and clinics - in every area where precision and long-lasting quality are required.

Life expectancy

All HÄBERLE® machines are characterised by robustness, a long service life and low-maintenance inspection intervals. The HÄBERLE® saws have a powerful worm gear, an elastic coupling between motor and gear, hardened and ground worm shaft, worm wheel made of special bronze and large dimensioned saw blade shaft running backlash free in an oil bath. This means for you the longest saw blade life times due to much lower noise and vibration during the cutting process.

