



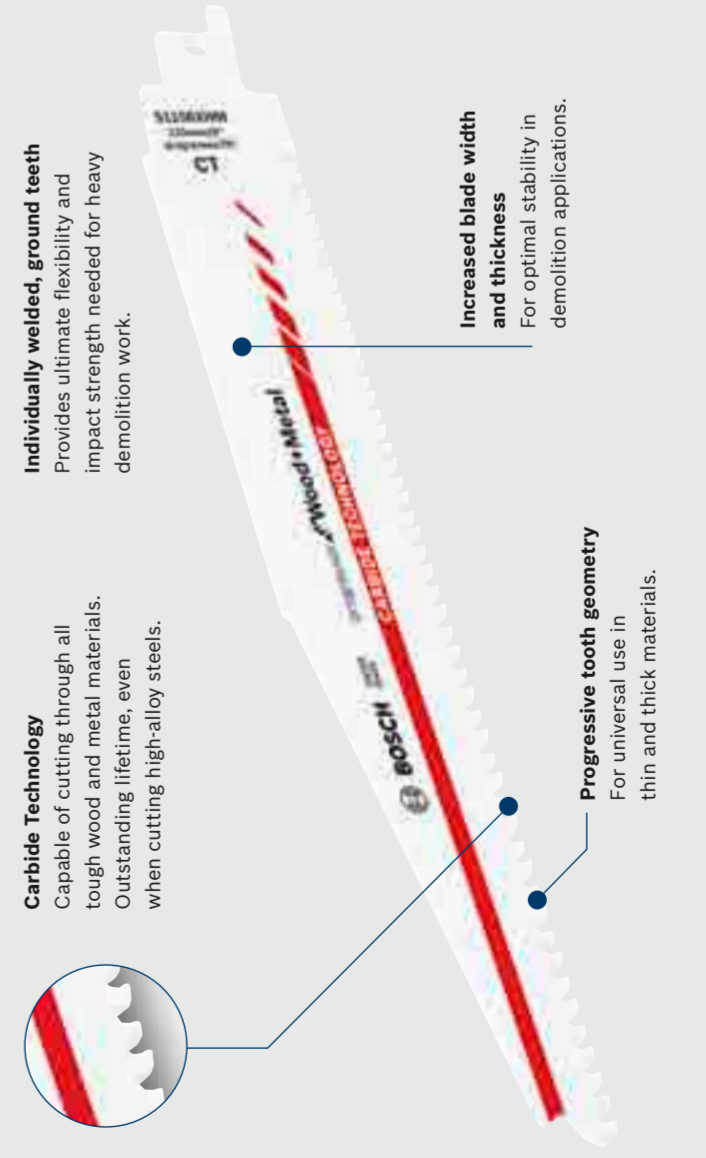
Tougher than the toughest material

Bosch: Focusing on full power

For powerful cuts in advanced materials

Advanced materials such as stainless steel or hardened high-alloy screws are increasingly used in the construction industry. Cutting these materials with metal elements is extremely difficult. Currently there is no feasible method for cutting such tough materials. Bi-metal sabre saw blades fail right away. The new Progressor for Wood and Metal sabre saw blades with Carbide Technology are capable of cutting through all tough wood and metal materials. They are the perfect solution for demolition work.

NEW! Progressor for Wood and Metal



Progressive tooth geometry for easy cuts through thick wooden beams with thin fastening elements.



The extra-long S 1256 XHM is the perfect cutting solution for particularly large cross-sections.



The new Progressor for Wood and Metal cuts effortlessly through mounted profiles in the exterior.

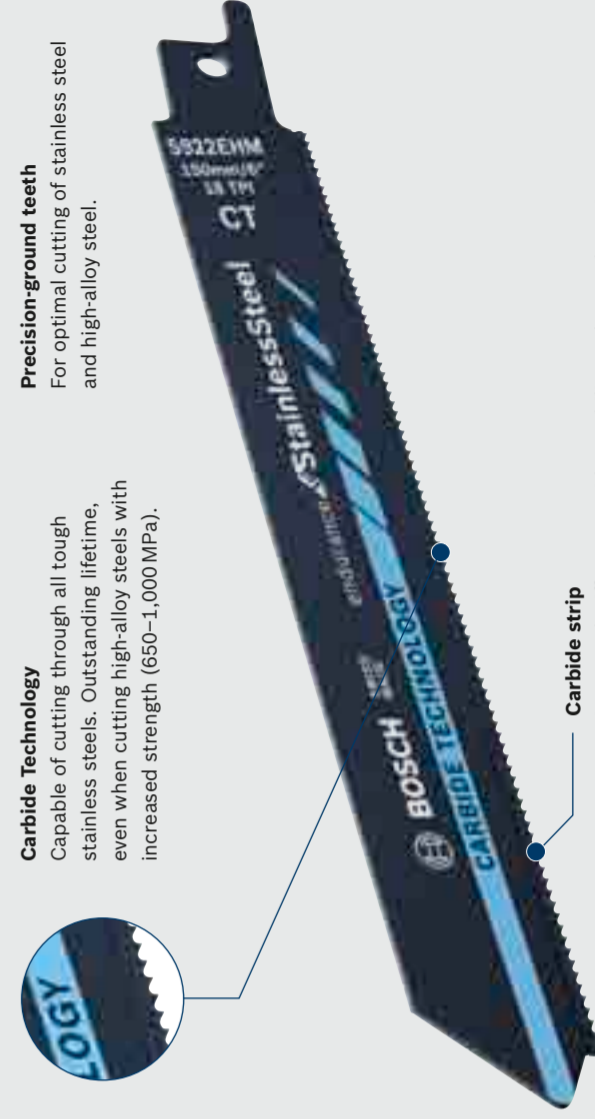


The short S 522 EHM delivers low-vibration cuts through high-alloy steel sheets.



The new extra-long S 1022 EHM and the S 922 EHM are ideal for clean adjustment cuts in stainless steel pipes.

NEW! Endurance for Stainless Steel



Increased stiffness provides stability and smooth sawing when cutting pipes and profiles.

Always the right blade

for cutting the toughest materials

	Progressor for Wood and Metal	Endurance for Stainless Steel	Basic for Cast Iron	Endurance for Fiber Plaster	Endurance for Aerated Concrete	Endurance for Brick
						
Can be cut with BIM	S 956 XHM S 1156 XHM S 1256 XHM	S 522 EHM S 922 EHM S 1022 EHM	S 1130 RF	S 641 HM	S 1141 HM S 1241 HM S 2041 HM	S 1543 HM S 1243 HM S 2243 HM

Wood with metal



Wood with soft nails	Rm <800 MPa		•	•				
Wood with hardened nails	Rm >800 MPa			•				
Wood with soft screws (e.g. strength class 6.8)	Rm <800 MPa	DIN EN 20 898	•	•				
Wood with hardened screws (e.g. strength class 10.9)	Rm >800 MPa	DIN EN 20 898		•				
Wood with stainless steel screws	Rm >800 MPa			•				
Sandwich material (wood with steel sheet)	Rm <450 MPa		•	•				
Sandwich material (wood with stainless steel sheet)	Rm 450 – 750 MPa			•				

Steel



Non-alloy steel with lower strength (e.g. St37/S235)	Rm <450 MPa	DIN EN 10 025	•	•	•			
Non-alloy steel with higher strength (e.g. St52/S355)	Rm 450 – 650 MPa	DIN EN 10 025	•	○	•			
Non-alloy heat-treatable steel (e.g. C45)	Rm 650 – 850 MPa	DIN EN 10 083	○	○	•			
Alloyed heat-treatable steel (e.g. 34CrNiMo6)	Rm 850 – 1000 MPa	DIN EN 10 083		○	•			
Austenitic steel Type V2A (e.g. X5CrNi18-10)	Rm 450 – 750 MPa	DIN 17 440	○	○	•			
Austenitic steel Type V4A (e.g. X2CrNiMo17-13-2)	Rm 450 – 750 MPa	DIN 17 440	○	○	•			
Super austenitic steel (e.g. X1NiCrMoCu25-20-5)	Rm 500 – 750 MPa	DIN 17 440		○	•			
Duplex steel (e.g. X2CrMnNiN21-5-1)	Rm 600 – 900 MPa	DIN 17 440		○	•			

Cast iron



Cast steel with lower strength (e.g. GS38)	Rm <450 MPa	DIN 1681		○	○	○		
Cast steel with higher strength (e.g. GS52)	Rm 450 – 650 MPa	DIN 1681		○	○	○		
Grey cast iron (ductile cast iron, nodular cast iron)	Rm <800 MPa	DIN EN 1561/1563		•	•	•		

Drywall materials



Cement fiber board (e.g. Duripanel)	~ 1.250 kg/m³		○	○	○		•	
Fiber cement panel (e.g. Eternit panel)		DIN EN 12467	○	○	○		•	
Gypsum plaster drywall board (e.g. original Rigips)	without cellulose fiber		○	○	○		•	
Gypsum fiber drywall board (e.g. original Fermacell)	with cellulose fiber		○	○	○		•	
Insulation board with cement fiber coating (e.g. Wedi board)			○	○	○		•	

Aerated concrete



Aerated concrete (e.g. Ytong, Siporex)	compressive strength < 10 N/mm² density (dry) < 700 kg/m³	DIN EN 771-4	○	○			•	○
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Stone materials



Vertical coring brick (e.g. Poroton)	compressive strength < 20 N/mm²	DIN EN 771-1 DIN 105-100					○	•
Solid brick	compressive strength < 20 N/mm² blazed light (900°C)	DIN 105-100			○		○	•
Roof tile	compressive strength < 20 N/mm² blazed light (900°C)					○		
Clinker	compressive strength > 28 N/mm² blazed heavy (1,200°C)	DIN 105-100					○	•
Fire-brick	~ 2,700 kg/m³						•	•
Bernese sandstone	~ 2,200 kg/m³						•	•
Gypsum	> 680 kg/m³		○	○		•	•	•
Mortar							○	•

• Very suitable ○ Suitable