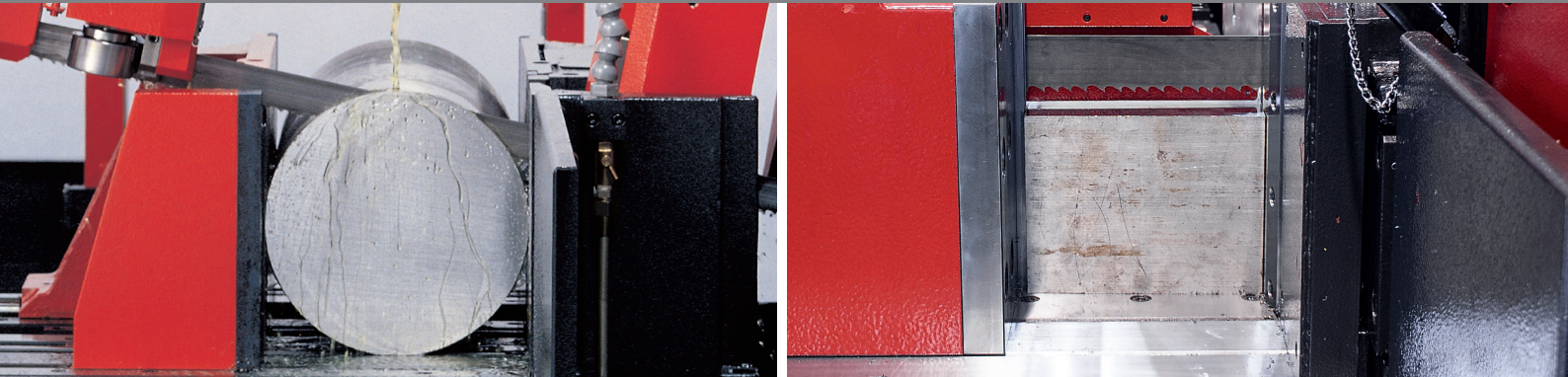


SUPER HLG



| SUPER HLG

Friction during sawing is reduced, due to height differences between the tooth tips and high-precision pitch. Based on extensive analysis of the sawing process, AMADA has developed a saw blade that ensures high cutting performance especially with cold-worked steel.

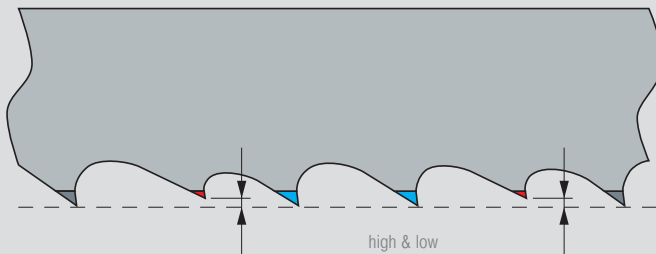
Properties

- M42 HSS steel with 8% cobalt
- group pitch
- patented HI-LO tooth geometry
- SMARTCUT version available (41 x 0.9 mm)

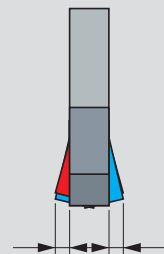
Advantages

- high resistance to wear even with abrasive materials
(cold-worked steel $C > 0.5\% C + Cr$ or Ti)
- wide range of application from normal steel to tool steel
- excellent cutting performance with tool steel

SUPER HLG



The difference in the cutting heights reduces the cutting load on each tooth.



Application materials – AMADA Super HLG

Recommended	Suitable
Construction steel, heat-treated steel, cold-worked steel, cast steel, high-speed steel, ball-bearing steel	Hot-working steel, stainless steel, high heat-resisting steel

Selection of the tooth pitch – AMADA Super HLG delivery forms

Height	Thickness	0.75/1	1.1/1.5	1.5/2	2/3	3/4	4/6
27	0.9				•	•	•
34	1.1				•	•	•
41	0.9					•	
41	1.3			•	•	•	•
54	1.3			•	•		
54	1.6			•	•		
67	1.6			•	•		
80	1.6	•					

Construction steel



Heat-treated steel



Cold-worked steel



Hot-working steel



Stainless steel



Cast steel



High-speed steel



High heat-resisting steel



Ball-bearing steel



Recommended run-in surface: 0.1 m²