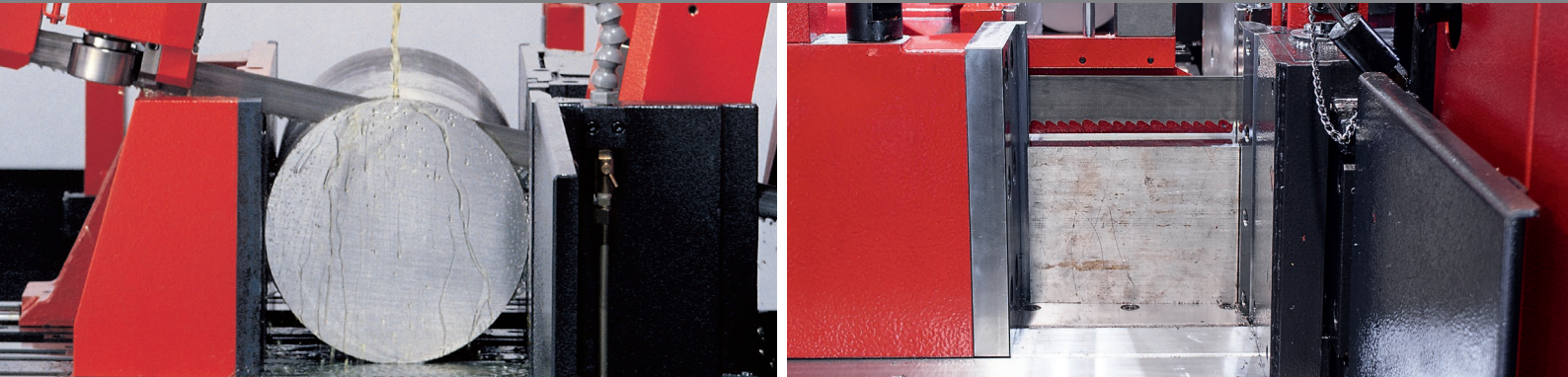
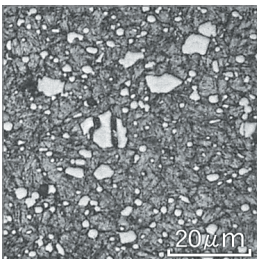


MAGNUM HLG M71



| MAGNUM HLG M71



Structure: AMADA M71

Newly developed special saw blade for hard-to-cut materials. Friction is reduced during sawing thanks to AMADA's M71 HSS tooth tip material and height differences between the tooth tips.

Properties

- patented M71 tooth tip material
- HI-LO tooth geometry
- group pitch
- SMARTCUT version available (41 x 0.9 mm)

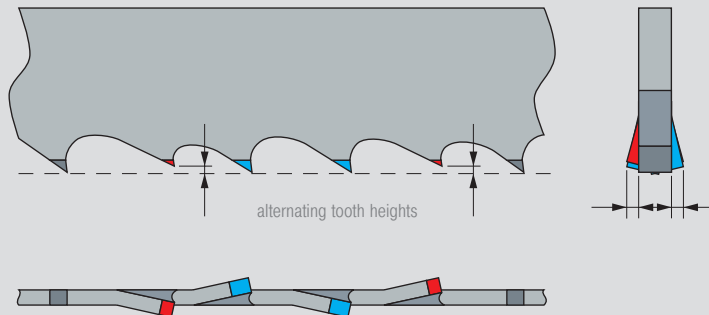
Advantages

- 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

The degree of hardness (HV) of the tooth tip material:



MAGNUM HLG M71



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

HI-LO geometry



Application materials – AMADA Magnum HLG

Recommended	Suitable	Limited suitability*
Construction steel, heat-treated steel, cold-worked steel, high-speed steel, ball-bearing steel	Hot-working steel, cast steel, high heat-resisting steel, copper alloys	stainless steel, nickel alloys, titanium alloys

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



Nickel alloys



Titanium alloys



Copper alloys



Selection of the tooth pitch – AMADA Magnum 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	1.6		•	•	•		
67	1.6	•	•	•	•		
80	1.6	•	•				

Recommended run-in surface: 0.1 m²

* With respect to application notes, please consult your AMADA sales representative