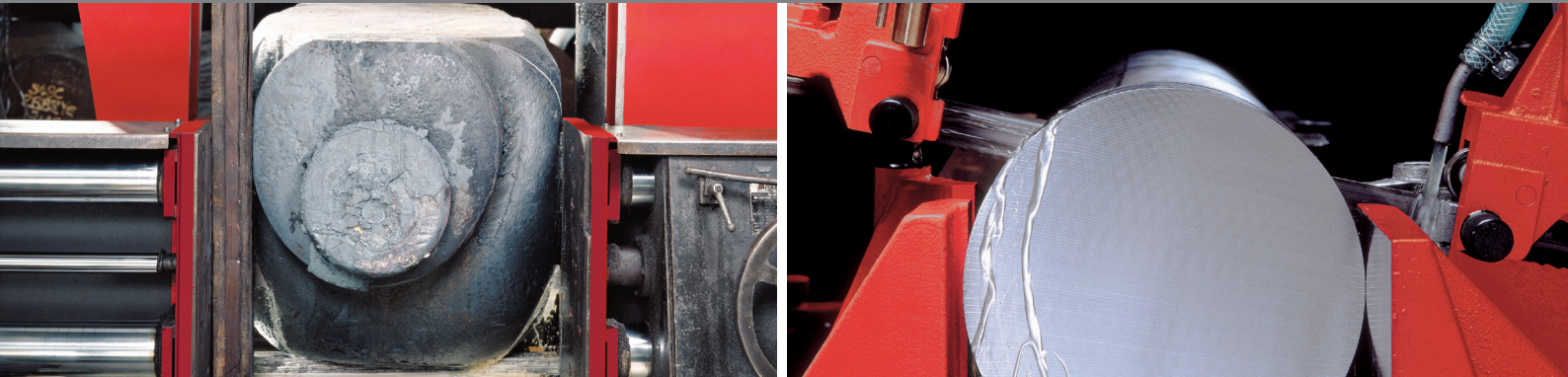
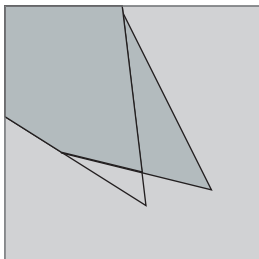


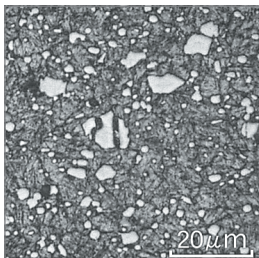
MAGNUM HL M71



| MAGNUM HL M71



Extremely positive rake angle



Structure: AMADA M71

Newly developed special saw blade for hard-to-cut materials. Thanks to AMADA's M71 HSS tooth tip material and the sectional cut channel, this blade is in a position to saw the largest range of hard-to-cut materials.

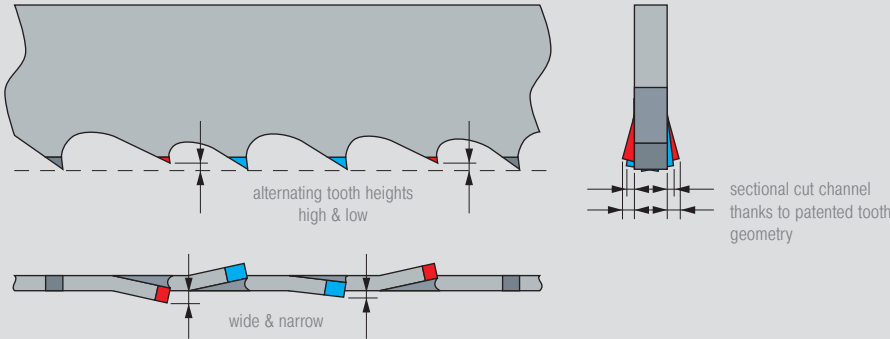
Properties

- patented M71 tooth tip material
- sectional cut channel
- extremely positive rake angle
- SMARTCUT version available (41 x 0.9 mm)

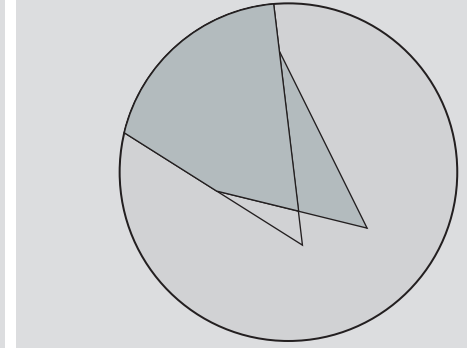
Advantages

- higher resistance to wear compared to conventional M42 saw blades thanks to M71 tooth tip material
- reduction of the cutting resistance
- longer service life with tool steel, stainless steels, high heat-resistant special alloys in the intermediate and large diameter range
- recommended for nickel-based alloys and titanium

MAGNUM HL M71



Sectional cut channel



Extremely positive rake angle



Application materials – AMADA Magnum HL

Recommended	Suitable
Hot-working steel, stainless steel, high heat-resisting steel, aluminium alloys, nickel alloys, titanium alloys, copper alloys	Cold-worked steel, high-speed steel

Cold-worked steel

Hot-working steel

Stainless steel **304**

High-speed steel **HSS**

High heat-resisting steel

Aluminium alloys **Al**

Nickel alloys **Ni**

Titanium alloys **Ti**

Copper alloys **Cu**

Selection of the tooth pitch – AMADA Magnum HL delivery forms

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

AP = Anti Pinching – recommended for materials with tendency to jam.

Recommended run-in surface: 0.1 m²

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