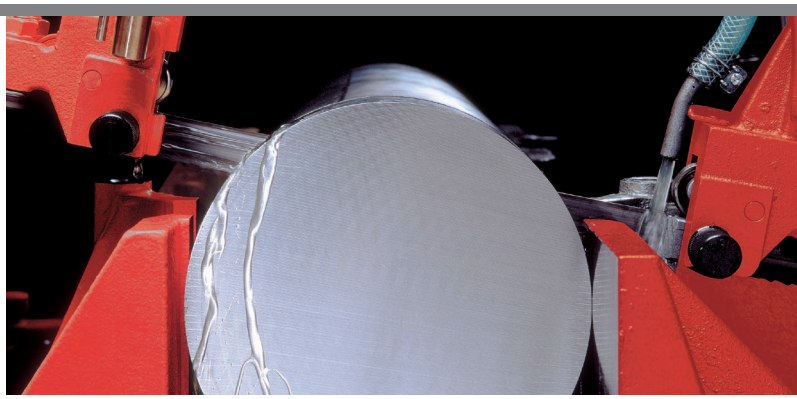
Bimetal saw blade

MAGNUM HL M71



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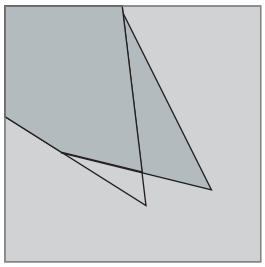
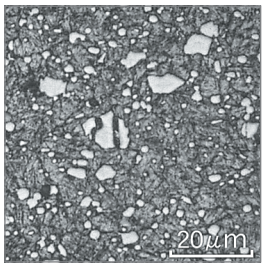


Extremely positive rake angle



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

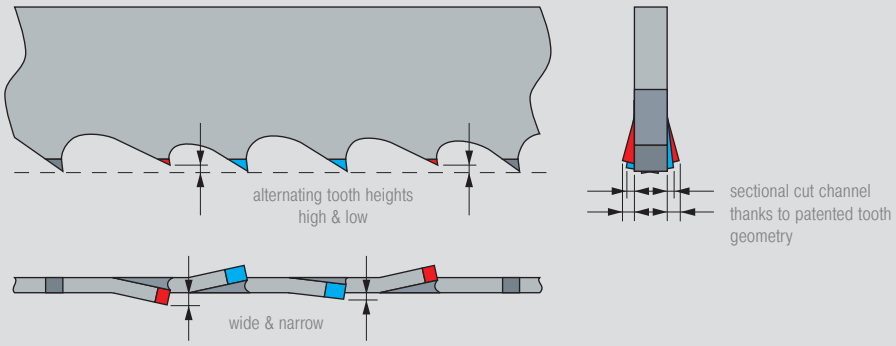
- patented M71 tooth tip material
- sectional cut channel
- extremely positive rake angle
- SMARTCUT version available (41 x 0.9 mm)

Advantages

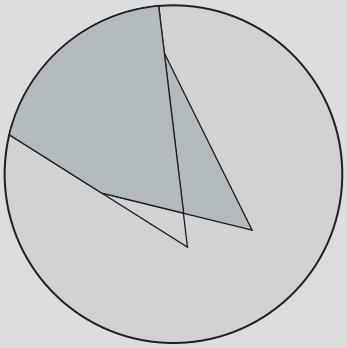
- higher resistance to wear compared to conventional M42 saw blades thanks to M71 tooth tip material
- reduction of the cutting resistance
- longer service life with tool steel, stainless steels, high heat-resistant special alloys in the intermediate and large diameter range
- recommended for nickel-based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

Bimetal saw blade

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 °C

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	0.9						●
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.

Aluminium alloys Al

Nickel alloys Ni

Titanium alloys Ti

Copper alloys Cu

Recommended run-in surface: 0.1 m^2