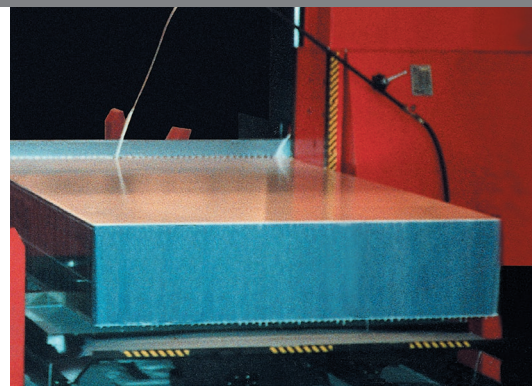
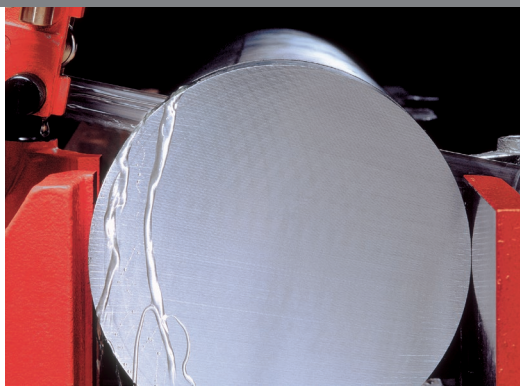


SUPER HL



| SUPER HL

A blade especially for hard-to-cut materials, from tool steel to stainless materials, also with large diameters. The cutting resistance is reduced, thanks to the use of a patented tooth geometry.

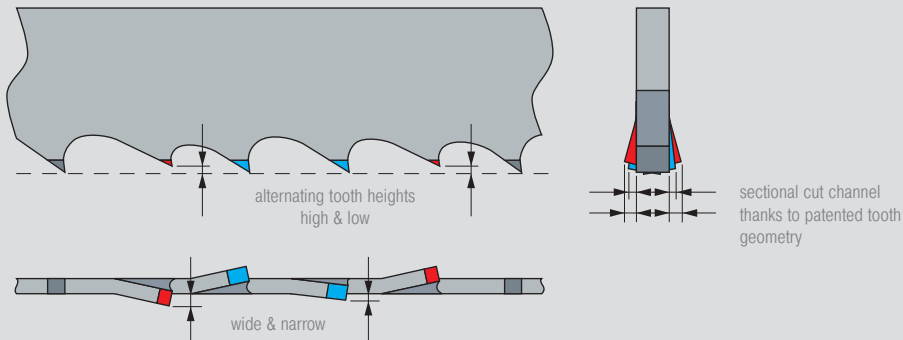
Properties

- M42 HSS steel with 8% cobalt
- patented HI-LO tooth geometry
- variable rake angle

Advantages

- reduced cutting resistance
- optimised cutting force distribution
- particularly suitable for intermediate and large diameter ranges of hard-to-cut materials
- particularly suitable for mixed operation with large amount of stainless steel

SUPER HL



Sectional cut channel



Application materials – AMADA Super HL

Recommended	Suitable	Limited suitability*
Hot-working steel, stainless steel, cast steel, high heat-resisting steel	High-speed steel	Construction steel, heat-treated steel, cold-worked steel

Construction steel



Heat-treated steel



Cold-worked steel



Hot-working steel



Stainless steel



Cast steel



High-speed steel



High heat-resisting steel



Selection of the tooth pitch – AMADA Super HL delivery forms

Height	Thick- ness	0.75/1	0.75/1AP	1.1/1.5	1.1/1.5AP	1.5/2	2/3	3/4
27	0.9						•	•
34	1.1						•	•
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