

MAGNUM HL

Wear resistance



Chipping resistance



Edge material: Amada M 71 original high-speed steel

Hardness : Hv 1000

Newly developed special blade for hard-to-cut material. With Amada's newly developed M71 HSS edge material and kerf dispersed type tooth shape combined, it can cut hard-to-cut materials of wide range.

Applicability

Breaker area / 1000 cm²

Mild steel, Non-ferrous metal			Tool steel, Prehardened steel			Hot work die steel, Stainless steel			Super heat resisting alloy		
Small ~100 mm	Medium 100-400 mm	Large 400 mm~	Small ~100 mm	Medium 100-400 mm	Large 400 mm~	Small ~100 mm	Medium 100-400 mm	Large 400 mm~	Small ~100 mm	Medium 100-400 mm	Large 400 mm~
						<ul style="list-style-type: none"> • 1.2343, 1.2344 • 1.2581, 1.2587 • 1.4571, 1.4300 • 1.4301, 1.4006 • 1.4021, 1.4016 • 1.4542, 1.4564 			<ul style="list-style-type: none"> • 1.4828, 1.4720, 2.4816 • MONEL, K-MONEL, INCONEL 718 • HASTELLOY • INCOLLOY 800, ASTROLOY MONEL400 TITAN LT31 		

Features

Edge material



M42 Amada M71
Metallographic picture of edge material



Kerf dispersed type tooth shape



- Higher wear resistance than conventional blade made of M42 obtained by using M71 for the edge material.
- Use of kerf dispersed type tooth shape makes saw chips finer, reducing cutting resistance.
- The tooth tip shape with high positive rake angle ensures improved cutting performance.
- As a synergetic effect of the above, the service life of the saw blade has been improved to a large extent when cutting tool steel, stainless steel, super heat resisting alloy of medium/large diameter whose cutting resistance is large.

Line-up of products

Bandwidth (mm)	Bandthickness (mm)	Pitch				
		0.75/1	1.1/1.5	1.5/2	2/3	3/4
34	1.1				●	●
41	1.3			●	●	●
54	1.3		○	○	○	
	1.6		●	●	●	
67	1.6	●	●			
80	1.6	○	○			

● More available for responding to your immediate order.

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