



HSS Bi-Metal Band Saw Blade

patented

# MAGNUM HLG

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 a difference in the height of tooth tips, highly accurate set working suppresses friction cutting. Based on thorough analysis of the cutting process, high performance is assured for cold die work steel in particular.**

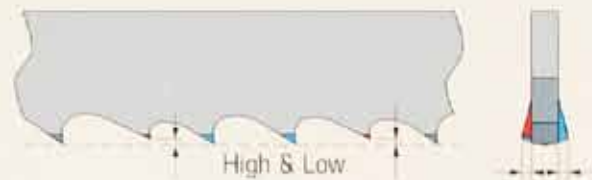
## Applicability

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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"> <li>• 50, 55, A, B, C, D</li> <li>• 1005-1095, 1513-1536</li> <li>• 1541-1572 • 5015-5150</li> <li>• 4118-4161 • 1330-1345</li> <li>• 43115-3315</li> <li>• 4012-047, 4419, 4422, 4427</li> <li>• 4615-4626, 4815-4820</li> <li>• 4320-4720, 8115-9430</li> <li>• 1108-1215 • 1100-7075</li> <li>• C10200, C12000, C21000</li> <li>• 1.0711, 1.0718</li> </ul>			<ul style="list-style-type: none"> <li>• W-1, W-2, W-5</li> <li>• P-2, P-3, P-4, P-5, P-6, P-20, P-21</li> <li>• S-1, S-2, S-4, S-5, S-6, S-7</li> <li>• L-2, L-6 • 5155, 5160</li> <li>• A-2, 0-1, 0-2, 0-6, D-2, D-3, CPM 10V</li> <li>• T-1, T-2, T-3, T-4, M-1, M-2, M-5, M15</li> <li>• 50100, 51100, 52100</li> </ul>			<ul style="list-style-type: none"> <li>• H-10, H-13, H-21, H-22, H-24, H-25</li> <li>• 210, 202, 302, 303, 304, 308</li> <li>• 314, 316, 317, 321, 330, 347</li> <li>• 410, 416, 420, 430, 440C</li> <li>• 15-5PH, 17-4PH, 15-7</li> </ul>			<ul style="list-style-type: none"> <li>• 309, 409, 600</li> <li>• MONEL, K-MONEL, INCONEL718, HASTELLOY A, B, C</li> <li>• A286, INCOLOY 800, RA330</li> <li>• ASTROLOY WF-11</li> <li>• MONEL400, K-500</li> <li>• Ti-6Al-4V</li> </ul>		

## Features

### Edge material



The difference in the height of tooth tips suppresses friction cutting



- Higher wear resistance than conventional blade made of M42 obtained by using M71 for the edge material.
- Stable quality and superior roughness achieved by Amada's unique high-accuracy set working.
- Suppresses friction wear, with friction cutting minimized by HI-LO tooth shape of tooth tips.
- Broadly usable for general steel through tool steel, and particularly exhibits outstanding performance in cutting tool steel.

## Line-up of products

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

● More available for responding to your immediate order.

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