

SIGMA

Wear resistance



Chipping resistance



Edge material: M42 Cobalt high-speed steel

Hardness : Hv 950

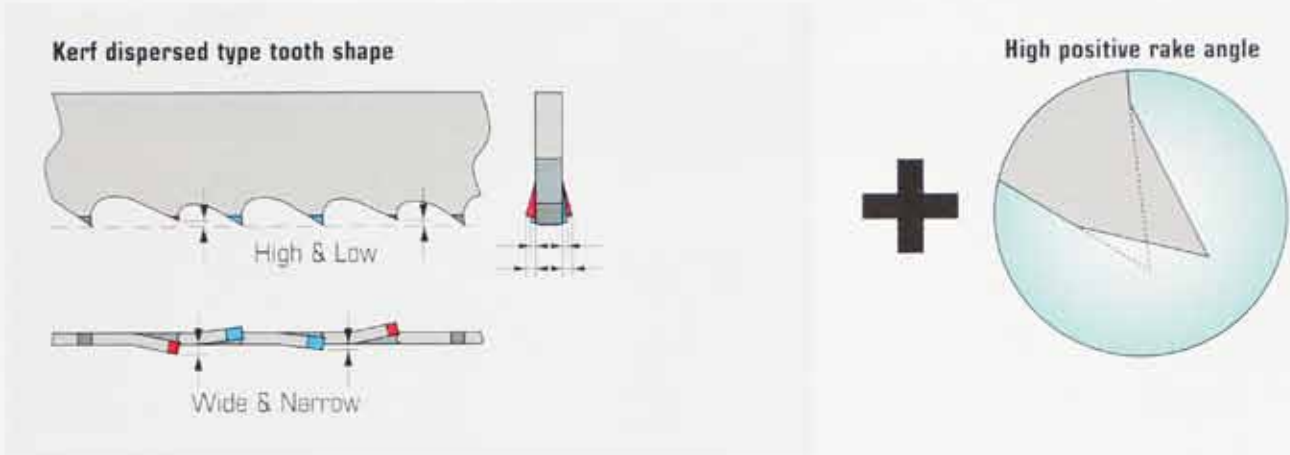
Blade exclusively for hard-to-cut material, whose high-cutting performance gained reputation through good results. Due to the kerf dispersed type tooth shape and high positive rake angle, cutting resistance is reduced to a large extent.

Applicability

Break-in area / 1000 crm

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"> • H-10, H-13, H-21, H-22, H-24, H-25 • 210, 202, 302, 303, 304, 308 • 314, 316, 317, 321, 330, 347 • 410, 416, 420, 430, 440C • 15-5PH, 17-4PH, 15-7 			<ul style="list-style-type: none"> • 309, 409, 600 • MONEL, K-MONEL, INCONEL718, HASTELLOY A, B, C • A286, INCOLOY 800, RA330 • ASTROLOY WF-11 • MONEL400, K-500 • Ti-6Al-4V 		

Features



- Use of M42 cobalt high-speed steel which has a higher wear resistance.
- Use of the kerf dispersed type tooth shape with level difference and set size (Wide & Narrow) of the tooth tip combined makes saw chips finer, reducing cutting resistance.
- In addition, use of high positive rake angle ensures stable cutting even when the required cut amount is very small.
- Intended for the medium or large diameter, hard-to-cut items of the tool steel to stainless steel whose cutting resistance would reach the limit of the conventional blades.
- SIGMA blade has enjoyed good results of cutting performance and reputation for a long time mainly in the European markets.

Line-up of products

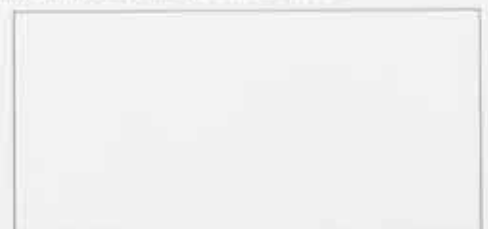
Bandwidth [mm]	Band thickness [mm]	Pitch				
		0.75/1	1.1/1.5	1.5/2	2/3	3/4
27	0.9					●
34	1.1				●	●
41	1.3		○	●	●	○
54	1.6	○	●	●	●	
67	1.6	○	●			
80	1.6	○	○			

● More available for responding to your immediate order

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