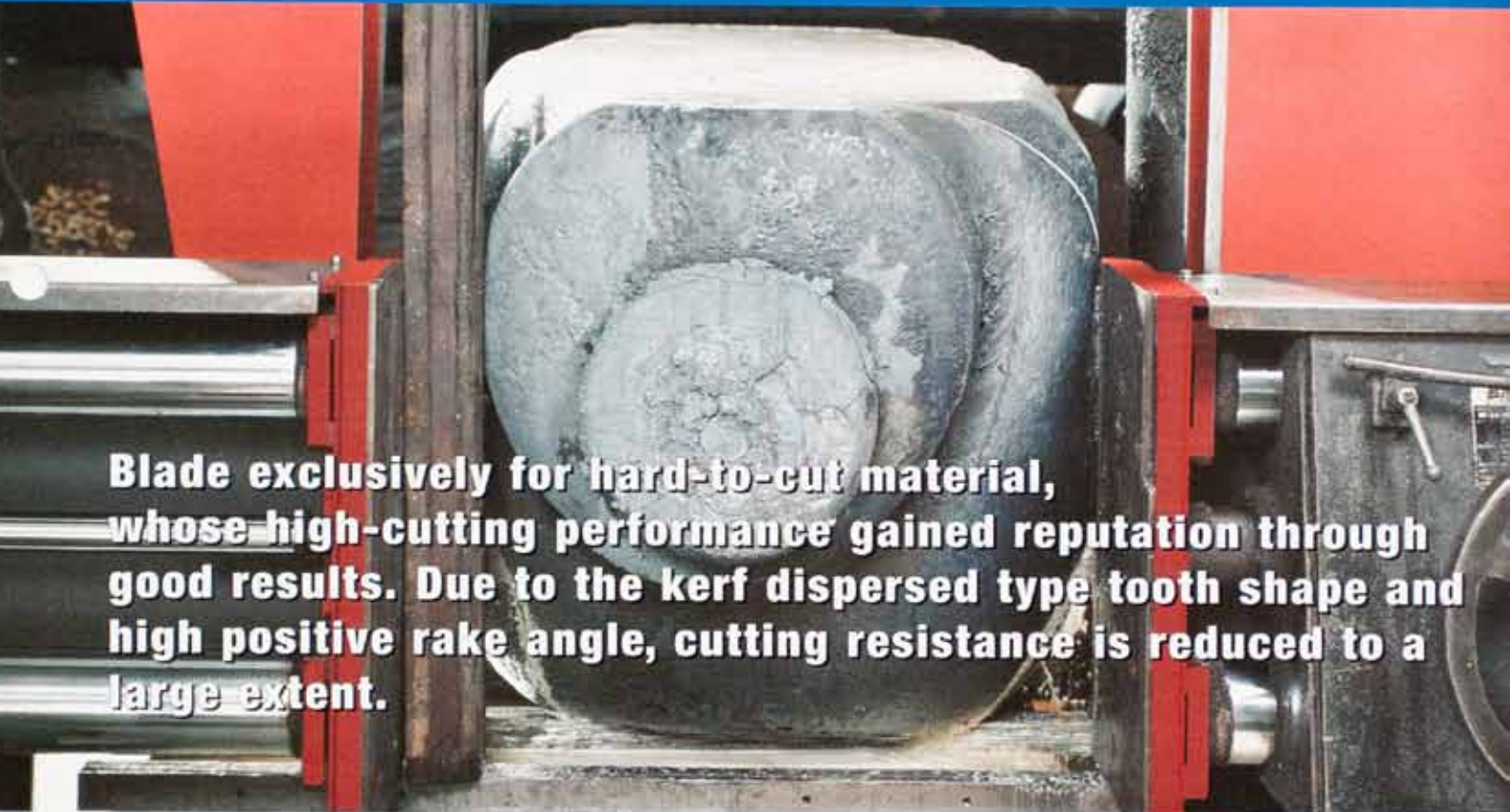


# SIGMA

Wear resistance **★★★**

Chipping resistance **★★**

Edge material: M42 Cobalt high-speed steel      Hardness : Hv 950



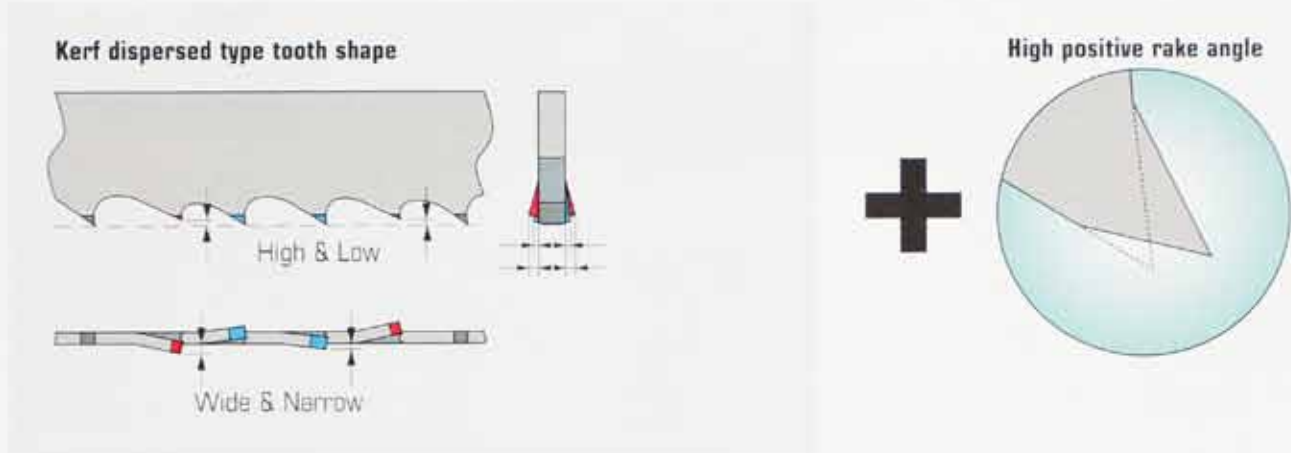
**Blade exclusively for hard-to-cut material, whose high-cutting performance gained reputation through good results. Due to the kerf dispersed type tooth shape and high positive rake angle, cutting resistance is reduced to a large extent.**

## 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"> <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



- 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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