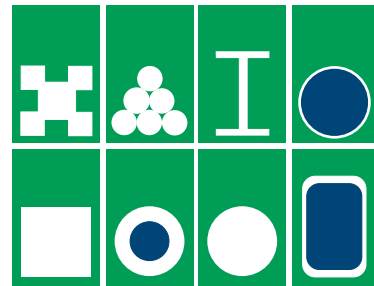


bi-alfa cobalt M42

The RÖNTGEN bi-alfa cobalt band saw blade has HSS M42 cutting tips. The high wear resistance of the saw blade results from the very hard and evenly distributed carbides in the tooth tips, formed during the hardening and tempering process. The martensitic structure of the cutting tips and high cobalt content create excellent hot hardness and toughness reducing wear rates at high sawing speeds. With a high chromium backing, the saw blade can withstand the considerable flexing stresses, tension and blade guide pressure present in modern sawing machines.

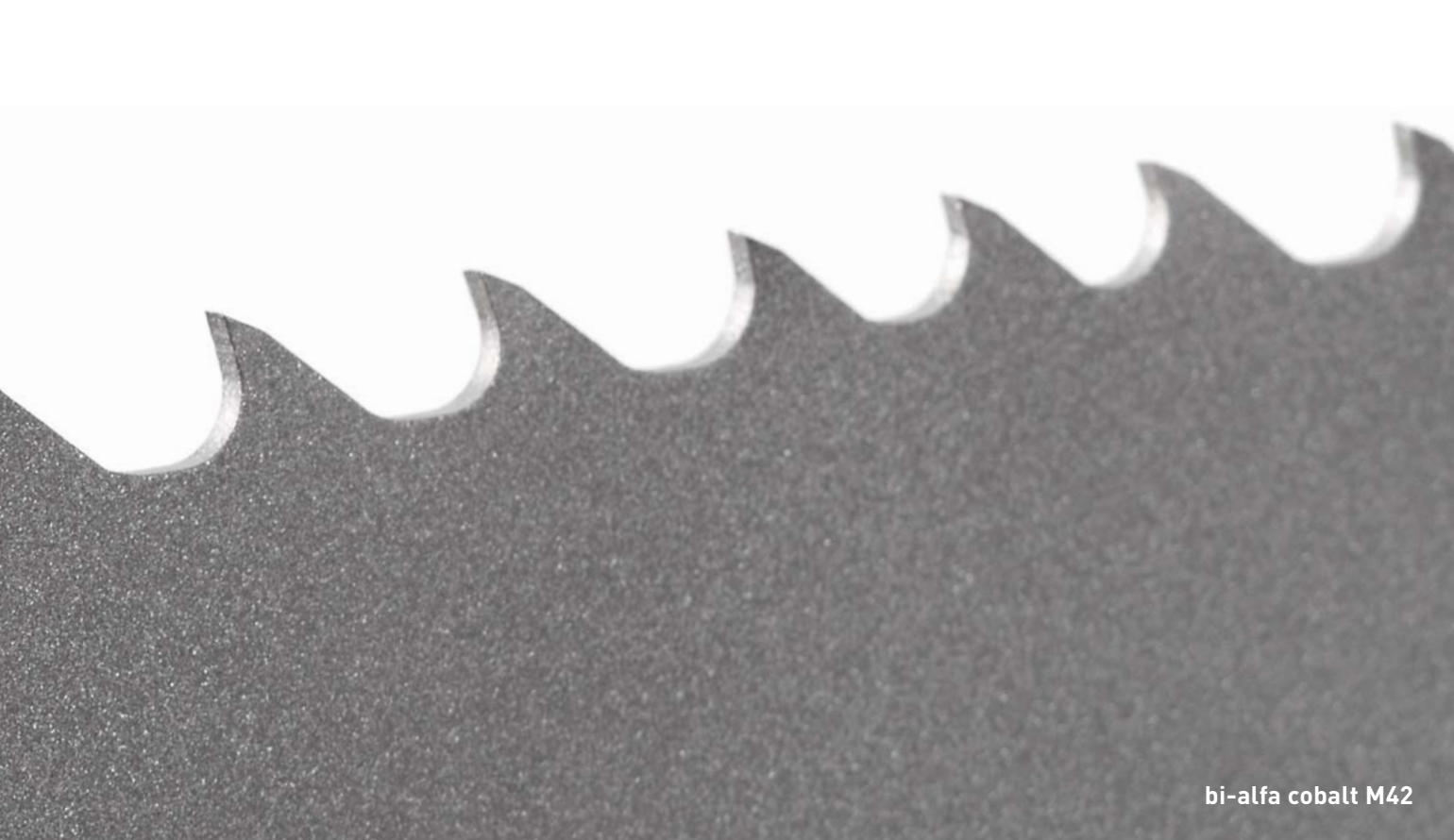
Recommended applications



» All materials with a tensile strength up to 1400 N/mm^2 (44 HRc)

Supply options

- » Up to 13 mm band width - optional coil length of 30 m packed in a plastic box
- » Standard coil length either 50, 75 or 100 m, dependant on blade width, and packed in wooden boxes
- » Welded loops
- » For alternative coil lengths and packing options please contact us directly



bi-alfa cobalt M42

Teeth per inch (normal tothing)

	0.75	1.25	2	3	4	6	8	10	14	18
6 x 0.6						■				
6 x 0.9						■		■	■	
10 x 0.6						■				
10 x 0.9					■	■	■	■	■	
13 x 0.6						■		■	■	■
13 x 0.9				■	■	■	■	■	■	
20 x 0.9				■	■				■	■
27 x 0.9			■	■/■	■/■	■/■	■	■	■	
34 x 1.1		■	■	■/■	■/■	■	■	■		
41 x 1.3		■	■	■	■					
54 x 1.3		■								
54 x 1.6		■	■							
67 x 1.6		■	■							
80 x 1.6	■									

Width x Thickness (mm)

■ = Hook tooth ■ = Normal tooth

Teeth per inch (combi tothing)

	0.75 / 1.25	1.1 / 1.6	1.5 / 2	2 / 3	3 / 4	4 / 5	4 / 6	5 / 6	5 / 8	6 / 10	8 / 12	10 / 14
6 x 0.6												■
6 x 0.9												■
10 x 0.6												■
10 x 0.9												■
13 x 0.6										■	■	■
13 x 0.9												■
20 x 0.9							■		■	■	■	■
27 x 0.9				■	■/■	■	■/■	■	■	■	■	■
34 x 1.1				■	■/■	■	■/■	■	■	■	■	
41 x 1.3			■	■	■/■	■	■/■	■	■	■		
54 x 1.3		■	■	■	■	■	■		■	■		
54 x 1.6	■	■	■	■	■	■	■	■				
67 x 1.6	■	■	■	■	■							
80 x 1.6	■	■	■	■								

Width x Thickness (mm)

■ = Hook tooth ■ = Normal tooth