



RÖNTGEN®

GERMAN QUALITY - ENDURING PRECISION

BAND SAW BLADES PROGRAM

Product overview



**BAND SAW BLADES
FOR THE WORLD
AND BEYOND!**

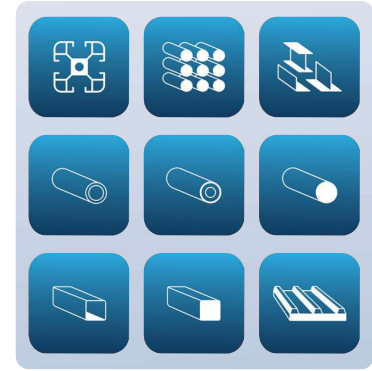
bi-alfa®

bi-alfa[®]

cobalt M42 cobalt WS

- constant-/combi tooth pitch
- universal use, cutting of all common steel types up to a hardness of < 45 HRC
- tooth tips made of alloyed high-speed steel (HSS) M42
- backing material made of high alloyed spring steel
- the hardness of the wear resisting tooth tips is about 67-69 HRC
- quality WS creates a larger cutting channel, which helps to prevent blade binding, suitable for materials with residual stress

APPLICATION AREAS



Teeth per inch/constant tooth pitch

	1.25	2	3	4	6	8	10	14	18	
6 x 0.6					■					1/4 x .025
6 x 0.9					■		●	●		1/4 x .035
10 x 0.6					■					3/8 x .025
10 x 0.9				■	■	●	●	●		3/8 x .035
13 x 0.6					■		●	●	●	1/2 x .025
13 x 0.9			■	■	■	●	●	●		1/2 x .035
16 x 0.6								●		5/8 x .025
20 x 0.9			■	■	■			●	●	3/4 x .035
27 x 0.9		■	● ■	● ■	● ■	●	●	●		1 x .035
34 x 1.1	■	■	● ■	● ■	● ■	●	●			1 1/4 x .042
41 x 1.3	■	■	■	■						1 1/2 x .050
54 x 1.3	■									2 x .050
54 x 1.6		■								2 x .063
67 x 1.6	■									2 5/8 x .063

Width x thickness (mm) ● constant tooth pitch (normal tooth) ■ normal tooth pitch (Hook tooth)

Teeth per inch/combi tooth pitch

	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												●	1/4 x .025
6 x 0.9												●	1/4 x .035
10 x 0.6												●	3/8 x .025
10 x 0.9												●	3/8 x .035
13 x 0.6										●	●	●	1/2 x .025
13 x 0.9										●		●	1/2 x .035
16 x 0.6												●	5/8 x .025
20 x 0.9							■		●	●	●	●	3/4 x .035
27 x 0.9				■	● ■ ▲	■	● ■ ▲	■	●	●	●	●	1 x .035
34 x 1.1			■	■ ▲	● ■ ▲	■	● ■ ▲	■	●	●	●		1 1/4 x .042
41 x 1.3			■	■ ▲	● ■ ▲	■	● ■ ▲		●	●			1 1/2 x .050
54 x 1.3			■	■	■ ▲	■	■ ▲						2 x .050
54 x 1.6	■	■	■	■ ▲	■ ▲	■	■ ▲	■					2 x .063
67 x 1.6	■	■	■	■ ▲	■ ▲								2 5/8 x .063
80 x 1.6	■	■	■	■	■								3 1/8 x .063

Width x thickness (mm) ● combi tooth pitch (normal tooth) ■ combi tooth pitch (Hook tooth) ▲ combi tooth pitch WS (Hook tooth)