

Arntez

Passionate
Cutting!

Edition 2021

FactBook

SIERRAS
DE CINTA

Bi-Metal

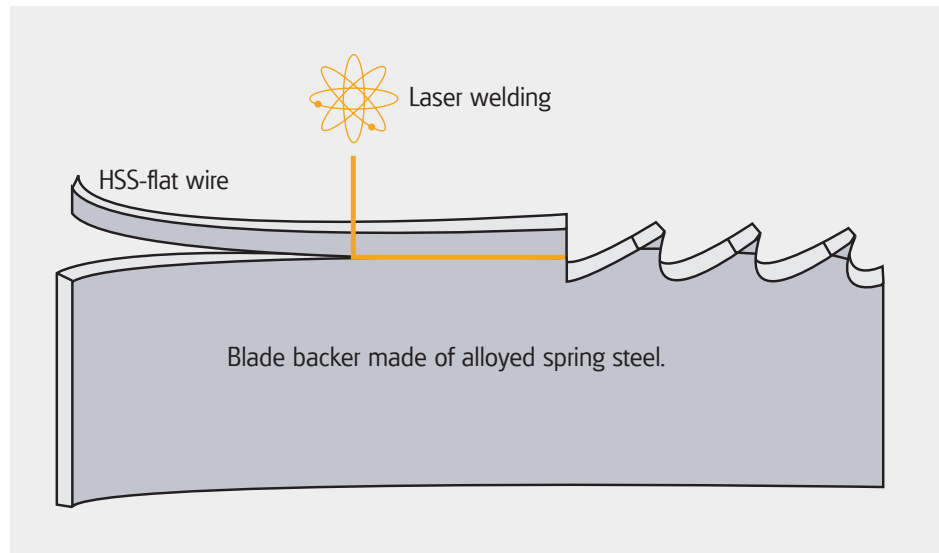
Why so successful?

M42

Material no. 1.3247
hardness approx.
68-69 HRC

M51

Material no. 1.3207
hardness approx. 69 HRC,
with high tungsten-
and cobalt content.



Flexible:

The blade backer of our Bi-Metal Band Saw Blade consists of a special alloyed spring steel. Highly flexible at a hardness of about 50 HRC. The ideal basis for long fatigue life and excellent cutting performance.

Perfectly joint:

Both materials are undetachably welded together by a special electron or laser beam.

Hard and wear resistant:

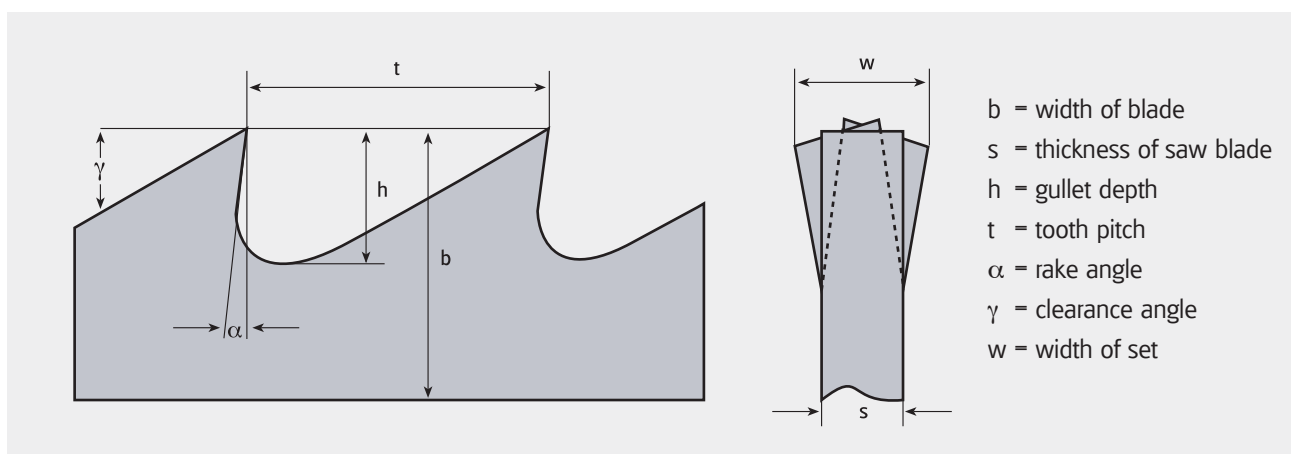
Tooth tips made of hardened HSS-Steel in M42 or M51 quality obtained due to well-balanced hardening and fixed structure resulting in high wear resistance.

All advantages:

The high quality Bi-Metal band combines the flexibility of the spring steel backing with the enormous wear resistance of the high speed steel. Each tooth tip of the finished band is made of hardened HSS-steel, extremely durable for best performance.

Band Saw geometry

Terminology



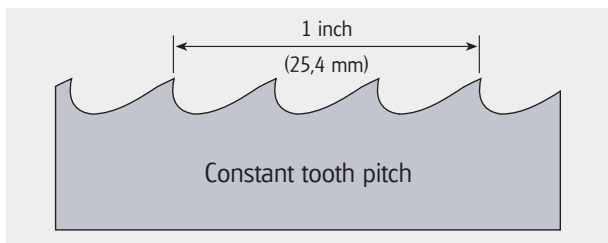
Tooth forms

Where performs the right tooth?

Only the correctly selected tooth form allows efficient cutting with low vibration. Four basic types are available:

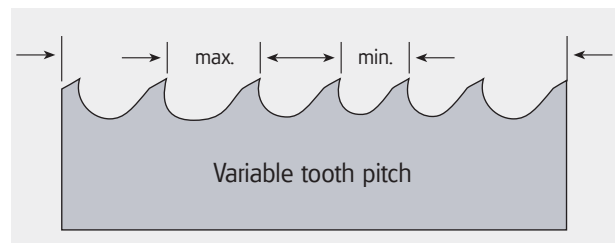
<p>Standard tooth = N</p>	<p>Hook tooth = H</p>	<p>Variable tooth = K</p>	<p>Variable tooth = K</p>
<p>Designed for:</p> <ul style="list-style-type: none"> • short chipping materials • light wall thickness <p>Data:</p> <ul style="list-style-type: none"> • rake angle 0° • constant tooth pitch of 4 to 18 tpi <p>Article groups:</p> <p>100, 110, 420</p>	<p>Designed for:</p> <ul style="list-style-type: none"> • long chipping materials • large cross sections <p>Data:</p> <ul style="list-style-type: none"> • positive rake angle • constant tooth pitch of 3 to 6 tpi <p>Article groups:</p> <p>100, 110, 421, 426</p>	<p>Designed for:</p> <ul style="list-style-type: none"> • low vibration cutting • structurals <p>Data:</p> <ul style="list-style-type: none"> • rake angle 0° • variable tooth pitch of 3/4 to 10/14 tpi <p>Article group:</p> <p>430 (K-0)</p>	<p>Designed for:</p> <ul style="list-style-type: none"> • low vibration cutting • solid materials <p>Data:</p> <ul style="list-style-type: none"> • positive rake angle • variable tooth pitch of 0,75/1,25 to 8/11 ZpZ <p>Article groups:</p> <p>445, 457, 557 (K-VS, K-X) 431, 436, 437 (K-POS) 537, 544 (K-PLUS)</p>

Tooth pitch



The tooth distance is equally spaced. The number of teeth per inch (25,4 mm) denotes the tothing of the saw blade.

Constant or variable?



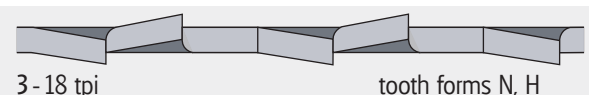
The tooth distances vary within a group of teeth. The smallest and the largest tooth pitch denote the variable tothing of the saw blade.

Tooth set

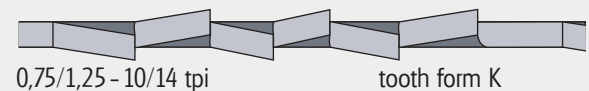
What groups and waves can cause.

Beside the tooth pitch and the tooth form, the exact setting is essential for the performance of the sawblade. The correct clearance results from the corresponding setting. It avoids blade pinching, which is especially important in problematic steels. Width and type of set are precisely tailored to the cutting application.

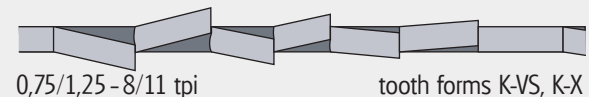
Standard raker set



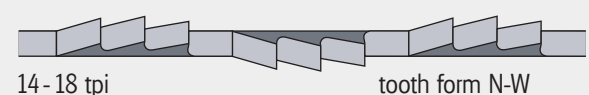
Standard group set



Variable group set



Wavy set



Correct tooth pitch – optimum performance.

The choice of the right tooth pitch is decisive to achieve the optimum performance. Choose between the standard tooth with constant tooth pitch or the combination tooth with variable tooth pitch. The variable tooth is recommended for low-vibration sawing in problematic workpieces.

Recommendation to cut solid material

Cross section mm	Teeth per inch	
	tpi	Tooth shape
from 550	0,75/1,25	K
380 - 750	1/1,3	K
250 - 550	1,4/2	K
120 - 350	2/3	K
80 - 140	3/4	K
60 - 110	4/6	K
40 - 70	5/7 5/8	K
30 - 60	6/10	K
20 - 40	8/11 8/12	K
to 25	10/14	K

K = Variable tooth

Recommendation to cut tubes and structurals

Thin wall structurals (0° - 7° rake angle)							
Wall thickness (S) in mm	Diam. of structural (D) in mm						
	20	40	60	80	100	120	150
2	14	14	14	14	14	14	10/14
3	14	14	14	14	10/14	10/14	8/11 8/12
4	14	14	10/14	10/14	8/11 8/12	8/11 8/12	6/10
5	14	10/14	10/14	8/11 8/12	8/11 8/12	6/10	6/10
6	14	10/14	8/11 8/12	8/11 8/12	6/10	6/10	5/7 5/8
8	14	8/11 8/12	6/10	6/10	5/7 5/8	5/7 5/8	5/7 5/8
10	-	6/10	6/10	5/7 5/8	5/7 5/8	5/7 5/8	-

The choice of the right tooth has special influence on the cutting result on tubes and structurals. Variable tooth has proven to be the most favourable tooth form. The required tooth pitch is depending on the wall thickness and dimensions of the structurals. The recommendations shown here refer to single cuts. When two or more structurals are cut at the same time, double the wall thickness needs to be considered.

Heavy wall structurals (positive rake angle)								
Wall thickness (S) in mm	Diam. of structural (D) in mm							
	80	100	120	150	200	300	500	750
10	-	-	-	4/6	4/6	4/6	3/4	2/3
15	4/6	4/6	4/6	4/6	4/6	3/4	2/3	2/3
20	4/6	4/6	4/6	4/6	3/4	3/4	2/3	2/3
30	4/6	4/6	4/6	3/4	3/4	2/3	2/3	2/3
50	-	-	3/4	3/4	2/3	2/3	2/3	1,4/2
80	-	-	-	-	2/3	2/3	1,4/2	1,4/2
100	-	-	-	-	-	2/3	1,4/2	1,4/2

ARNTZ Bi-Metal Band Saw Blades are supplied as endless welded loops to fit your band saw machines, or in coils:

6-13 mm in length of approx 30,5 + 76 m | 20-34 mm in length of approx 100 m | 41 mm in length of approx 80 m
 54-67 mm in length of approx 90 m | 80 mm in length of approx 40 m

Bi-Metal and Carbide Tipped Band Saw Blades

For each cutting operation the right choice.

		Art. gr.	430	431	457	445	557	420	421	426	436	544	437	537	620	622	643	650	651
		Product name	M42-SPRINT	M42-SPRINT-PLUS	M42-X-FIT	M42-PROFILER	M51-X-PRO	M42-STAR	M42-STAR-PLUS	M42-ALUCUT-PLUS	M42-ALUCUT-SPRINT	M51-BLIZZARD	M42-TAIFUN-SPRINT	M51-TAIFUN-MAXIMA	BLACK-LINE	BLACK-LINE-S	BLUE-LINE	SILVER-LINE	SILVER-LINE-N
Page of catalogue			10	11	12	12	13	14	14	15	15	16	17	18	20	21	22	23	24
Material dimension (mm)																			
- Structural steels	< 70		■		■			■							■				■
	80 - 350			■	■	■	■		■				■		■				■
	> 350			■									■		■				■
- Unalloyed tool steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Spring steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Ball bearing steel	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- High speed steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Cold-work steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Nitride steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Heat treatable steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Hot working steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Stainless steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- High temperature steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Heat resistant steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- High tensile steels	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Titanium + titanium alloys	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Nickel alloys	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Surface hardened steel shafts	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Hardened steels up to HRC62	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Hardchromed materials	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Steel castings	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Cast irons	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Aluminium	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Copper	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Brass	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Bronze	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Red brass	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■
- Aluminium + alloys	< 70		■		■			■	■										■
	80 - 350			■	■		■		■				■		■				■
	> 350			■									■		■				■

Qualification: ■ = very good ■ = good

Article group 430

Standard

M42-SPRINT

The fabrication professional for light and medium wall thicknesses.

Engineered for:

- structurals with light or medium walls
- short chipping materials
- sheet metal on vertical band saw machines



Dimensions				Tooth			
mm	P.V.P metro	Sold.	inch	5/8	6/10	8/12	10/14
6 x 0,90	19.51	9.16	1/4 x 0,035				K
10 x 0,90	19.51	9.16	3/8 x 0,035				K
13 x 0,65	16.58	9.16	1/2 x 0,025	K	K	K	K
13 x 0,90	16.58	9.16	1/2 x 0,035		K	K	K
20 x 0,90	18.33	9.16	3/4 x 0,035	K	K	K	K
27 x 0,90	19.08	8.49	1 x 0,035	K	K	K	K
34 x 1,10	22.98	9.88	1 1/4 x 0,042	K	K	K	
41 x 1,30	32.76	11.28	1 1/2 x 0,050	K	K		

K = Variable tooth

Article group 431

Standard

M42-SPRINT-PLUS

Perfect for materials of medium to large dimensions.

Engineered for:

- production band saw machines
- all-purpose use for steels and non-ferrous metals
- tensile strengths of up to 1400 N/mm²
- thick walled structurals



Dimensions				Tooth				
mm	P.V.P metro	Sold.	inch	0,75/1,25	1,4/2	2/3	3/4	4/6
20 x 0,90	18.33	9.16	3/4 x 0,035					K
27 x 0,90	19.08	8.49	1 x 0,035			K	K	K
34 x 1,10	22.98	9.88	1 1/4 x 0,042		K	K	K	K
41 x 1,30	32.76	11.28	1 1/2 x 0,050		K	K	K	K
54 x 1,30	43.35	17.64	2 x 0,050		K	K	K	K
54 x 1,60	43.35	17.64	2 x 0,063	K	K	K	K	K
67 x 1,60	67.98	38.17	2 5/8 x 0,063	K	K	K		
80 x 1,60	71.25	61.22	3 x 0,063	K	K			

K = Variable tooth

Article group 457

Standard

M42-X-FIT

The multi-purpose blade for small and medium cross-sections.

Engineered for:

- steel beams, profiles and tubes
- mixed materials



Article group 445

845 C-TEC

Professional

M42-PROFILER

Robust performance for steel construction.

Engineered for:

- large cross-section steel beams
- structurals with residual stress

Also coated available **C-TEC** for extremely increased feed rates, significantly reduced cutting times and maximized blade life.



P.V.P / SOLD.		Dimensions		Tooth				
		mm	inch	2/3	3/4	4/6	5/7	8/11
18.33	9.16	20 x 0,90	3/4 x 0,035			K	K	K
19.08	8.49	27 x 0,90	1 x 0,035		K	K	K	K
22.98	9.88	34 x 1,10	1 1/4 x 0,042	K	K	K	K	
32.76	11.28	41 x 1,30	1 1/2 x 0,050	K	K	K		
43.35	17.64	54 x 1,30	2 x 0,050		K	K		
43.35	17.64	54 x 1,60	2 x 0,063	K	K	K		
67.98	38.17	67 x 1,60	2 5/8 x 0,063	K	K			

K = Variable tooth

P.V.P / SOLD.		Dimensions		Tooth					
		mm	inch	2/3	3/4				
		34 x 1,10	1 1/4 x 0,042		K	22.98	9.88		
		41 x 1,30	1 1/2 x 0,050	K	C-TEC	K	C-TEC	32.76	11.28
		54 x 1,60	2 x 0,063	K	C-TEC	K	C-TEC	43.35	17.64
		67 x 1,60	2 5/8 x 0,063	K	C-TEC	K	C-TEC	67.98	38.17

K = Variable tooth

Article group 557 857 C-TEC

Professional

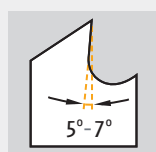
M51-X-PRO

The pro with particularly wear-resistant teeth.
For sawing processes using minimal lubrication.
Powerful at high cutting speeds and feeds.

Also coated available **C-TEC** for extremely increased feed rates, significantly reduced cutting times and maximized blade life.

Engineered for:

- steel beams, profiles and pipes
- mixed cross-sections



Dimensions				Tooth				
mm	P.V.P	SOLD.	inch	2/3		3/4		4/6
34 x 1,10	22.98	9.88	1 1/4 x 0,042			K		K
41 x 1,30	32.76	11.28	1 1/2 x 0,050	K	C-TEC	K	C-TEC	
54 x 1,30	43.35	17.64	2 x 0,050			K	C-TEC	
54 x 1,60	43.35	17.64	2 x 0,063	K	C-TEC	K	C-TEC	
67 x 1,60	67.98	38.17	2 5/8 x 0,063	K	C-TEC	K	C-TEC	K

K = Variable tooth

Article group 420

Standard

M42-STAR

Allrounder for solid, small-dimensioned materials.

Engineered for:

- common steel qualities and non ferrous metals
- short-chipping materials
- small structurals with thin walls
- narrow cross sections up to approx. 100 mm (4")
- contour cutting operations



Article group 421

Standard

M42-STAR-PLUS

The saw blade for medium sized solid materials.

Engineered for:

- small workshop bandsaws
- common steel qualities and non ferrous metals
- cross sections over approx. 100 mm (4")



P.V.P	SOLD.	Dimensions		Tooth				
		mm	inch	4	6	10	14	18
19.51	9.16	6 x 0,90	1/4 x 0,035			N	N	
19.51	9.16	10 x 0,90	3/8 x 0,035			N	N	
16.58	9.16	13 x 0,65	1/2 x 0,025			N	N	N
16.58	9.16	13 x 0,90	1/2 x 0,035				N	
18.33	9.16	20 x 0,90	3/4 x 0,035				N-W	N-W
19.08	8.49	27 x 0,90	1 x 0,035	N	N		N-W	

N = Standard tooth W = Wavy set

P.V.P	SOLD.	Dimensions		Tooth		
		mm	inch	3	4	6
19.51	9.16	6 x 0,90	1/4 x 0,035			H
19.51	9.16	10 x 0,90	3/8 x 0,035		H	H
16.58	9.16	13 x 0,65	1/2 x 0,025		H	H
16.58	9.16	13 x 0,90	1/2 x 0,035	H	H	H
18.33	9.16	20 x 0,90	3/4 x 0,035	H		
19.08	8.49	27 x 0,90	1 x 0,035	H		

H = Hook tooth

Article group 426

Standard

M42-ALUCUT-PLUS

For cutting aluminium without pinching.

Engineered for:

- pure aluminium and aluminium alloys
- solid material and structurals
- materials with residual stress and a tendency to become pinched



Article group 436

Standard

M42-ALUCUT-SPRINT

Easy cutting of light-weight metals.

Engineered for:

- pure aluminium and aluminium alloys
- solid material and structurals



P.V.P	SOLD.	Dimensions		Tooth		
		mm	inch	3	4	6
19.51	9.16	10 x 0,90	3/8 x 0,035		H	H
16.58	9.16	13 x 0,65	1/2 x 0,025		H	H
16.58	9.16	13 x 0,90	1/2 x 0,035	H	H	H
18.33	9.16	20 x 0,90	3/4 x 0,035	H		
19.08	8.49	27 x 0,90	1 x 0,035	H		

H = Hook tooth

P.V.P	SOLD.	Dimensions		Tooth		P.V.P	SOLD.
		mm	inch	2/3	3/4		
		27 x 0,90	1 x 0,035	K	K	19.08	8.49
		34 x 1,10	1 1/4 x 0,042	K	K	22.98	9.88

K = Variable tooth

Article group 544

Professional

M51-BLIZZARD

Extra wear resistant teeth made of powder metallurgical HSS-steel

Engineered for:

- hard and tough materials up to 1700 N/mm²
- stainless steel
- copper and copper based alloys
- titanium and titanium based alloys
- thick walled structurals



Dimensions				Tooth						
mm	P.V.P	SOLD.	inch	0,75/1,25	1/1,3	1,4/2	2/3	3/4	4/6	5/8
27 x 0,90	21.94	8.49	1 x 0,035				K	K	K	K
34 x 1,10	26.42	9.88	1 1/4 x 0,042				K	K	K	
41 x 1,30	37.31	11.28	1 1/2 x 0,050			K	K	K		
54 x 1,60	49.80	17.64	2 x 0,063		K	K	K			
67 x 1,60	71.32	38.17	2 5/8 x 0,063	K	K	K	K			
80 x 1,60	87.99	61.22	3 x 0,063	K	K	K				

K = Variable tooth with special geometry

Article group 437 837 C-TEC

Professional Plus

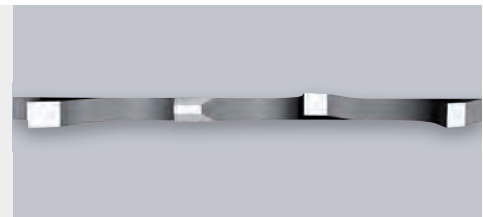
M42-TAIFUN-SPRINT

Excellent for use on high-performance band saw machines.

Also coated available **C-TEC** for extremely increased feet rates, significantly reduced cutting times and maximized blade life.

Engineered for:

- tensile strengths of up to 1400 N/mm²
- stainless steel
- all-purpose use for steels and non-ferrous metals
- thick walled structurals



The borazon-ground tooth tips produce an excellent cutting surface, perfect angular cutting and long tool life.



Dimensions				Tooth							
mm	P.V.P	SOLD.	inch	0,75/1,25		1,4/2		2/3		3/4	
27 x 0,90	19.08	8.49	1 x 0,035					K		K	
34 x 1,10	22.98	9.88	1 1/4 x 0,042			K		K		K	
41 x 1,30	32.76	11.28	1 1/2 x 0,050			K	C-TEC	K	C-TEC	K	C-TEC
54 x 1,30	43.35	17.64	2 x 0,050			K	C-TEC	K	C-TEC	K	C-TEC
54 x 1,60	43.35	17.64	2 x 0,063	K	C-TEC	K	C-TEC	K	C-TEC	K	C-TEC
67 x 1,60	67.98	38.17	2 5/8 x 0,063	K	C-TEC	K	C-TEC	K	C-TEC		
80 x 1,60	71.25	61.22	3 x 0,063	K	C-TEC	K	C-TEC				

K = Variable tooth

Article group 537 867 C-TEC

Professional Plus

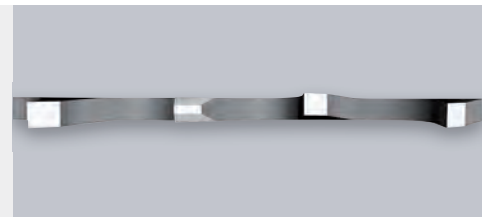
M51-TAIFUN-MAXIMA

Extremely wear-resistant, ground teeth for the most difficult cutting conditions.

Also coated available **C-TEC** for extremely increased feed rates, significantly reduced cutting times and maximized blade life.

Engineered for:

- tensile strengths of up to 1700 N/mm²
- stainless steel
- heat resistant duplex steel
- nickel based alloys
- aluminium alloys
- titanium based alloys

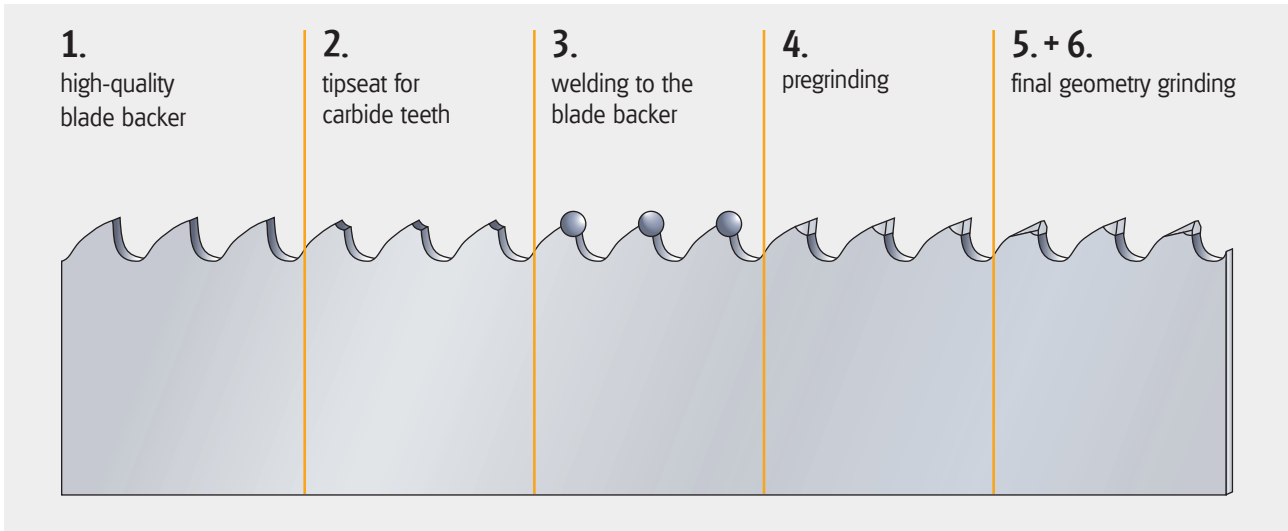


The borazon-ground tooth tips produce an excellent cutting surface, perfect angular cutting and long tool life.

Dimensions				Tooth									
mm	P.V.P	SOLD.	inch	0,75/1,25		1/1,3		1,4/2		2/3		3/4	
27 x 0,90	21.94	8.49	1 x 0,035							K		K	
34 x 1,10	26.42	9.88	1 1/4 x 0,042							K		K	
41 x 1,30	37.31	11.28	1 1/2 x 0,050					K	G-TEC	K	G-TEC	K	G-TEC
54 x 1,60	49.80	17.64	2 x 0,063			K	G-TEC	K	G-TEC	K	G-TEC		
67 x 1,60	71.32	38.17	2 5/8 x 0,063	K	G-TEC	K	G-TEC	K	G-TEC	K	G-TEC		
80 x 1,60	87.99	61.22	3 x 0,063	K	G-TEC	K	G-TEC	K	G-TEC				

K = Variable tooth

Why so successful?



Flexible:

The blade backer for Carbide Band Saw Blades is made of special alloyed spring steel.

Extremely durable:

The tooth tips consist of wear resistant high-grade carbide.

Perfectly joint:

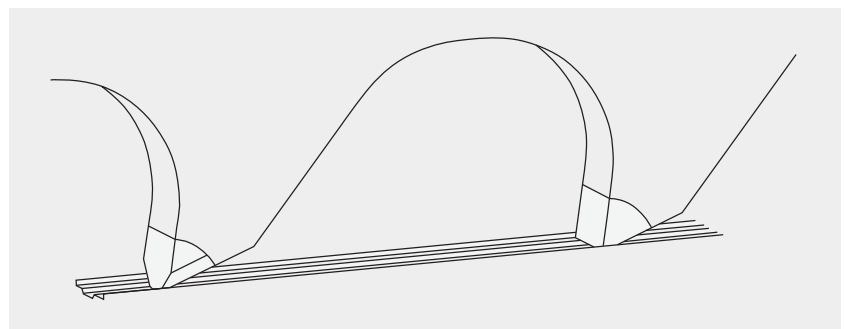
Carbide tooth tips are welded to the backer in a special procedure.

Band Saw geometry:

Also in the ARNTZ production program: High performance Carbide Band Saw Blades.

The welded carbide tips are available in different tooth geometries. These geometries grant optimal formation of chips and best cutting results.

The different tooth geometries provide clean and smooth cuts at minimum vibration.



Correct operation:

To achieve optimum performance with Carbide Band Saw Blades, suitable band saw machines for Carbide Band Saw Blades are required.

Carbide Tipped Band Saw Blades are supplied as endless welded loops or in coils:

27–80 mm in length of approx. 50 m

Article group 620

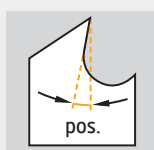
Professional

BLACK-LINE

Carbide tipped band saw blades with triple chip geometry for cutting steels and non-ferrous metals.

Engineered for:

- all-purpose use for construction steel, low-alloy steel, cast iron, aluminium, copper and bronze
- solid material in medium and large dimensions



Dimensions		Tooth					
		0,75/1,25	1/1,5	1,4/2	2/3	3	3/4
27 x 0,90	1 x 0,035				K	H	K
34 x 1,10	1 1/4 x 0,042				K		K
41 x 1,30	1 1/2 x 0,050			K	K		K
54 x 1,30	2 x 0,050			K	K		
54 x 1,60	2 x 0,063	K	K	K	K		K
67 x 1,60	2 5/8 x 0,063	K	K	K	K		

K = Variable tooth H = Hook tooth

Article group 650 850 C-TEC

Professional Plus

SILVER-LINE

Carbide tipped band saw blades with patented multi chip tooth geometry for cutting high-alloy steels and non-ferrous metals.

Also coated available **C-TEC** for extremely increased feed rates, significantly reduced cutting times and maximized blade life.

Engineered for:

- stainless steel
- heat resistant steels
- cold and hot working steels
- hardened steel up to 1900 N/mm²
- nickel based alloys
- aluminium-silicon alloys
- copper-nickel alloys
- titanium and titanium alloys
- exotic, hard to cut alloys



Dimensions		Tooth						
mm	inch	0,75/1,25	1/1,5	1,4/2	2/3	3/4		
27 x 0,90	1 x 0,035				K	K		
34 x 1,10	1 1/4 x 0,042			K	K	K		
41 x 1,30	1 1/2 x 0,050			K	G-TEC	K	G-TEC	K G-TEC
54 x 1,30	2 x 0,050			K	G-TEC	K	G-TEC	
54 x 1,60	2 x 0,063	K	G-TEC	K	G-TEC	K	G-TEC	K G-TEC
67 x 1,60	2 5/8 x 0,063	K	G-TEC	K	G-TEC	K	G-TEC	
80 x 1,60	3 x 0,063	K	G-TEC		K	G-TEC		

K = Variable tooth

Article group 651

Professional Plus

SILVER-LINE-N

Carbide tipped band saw blades with multi chip tooth geometry, negative rake angle for cutting extremely hard or surface hardened materials.

Engineered for:

- induction hardened piston rods
- steels hardened up to 62 HRC
- hard chromium plated materials
- manganiferrous alloyed steels



Dimensions		Tooth		
mm	inch	1,4/2	2/3	3/4
27 x 0,90	1 x 0,035		K	K
34 x 1,10	P.V.P 1 1/4 x 0,042		K	K
41 x 1,30	A CONSULTAR 1 1/2 x 0,050	K	K	K
54 x 1,60	2 x 0,063	K	K	K

K = Variable tooth

Article group 621

STONE-LINE-RT

The universal band saw blade for all construction and insulation materials of small and large dimensions running on brick band saw machines.

The new variable tooth pitch ensures notably low-vibration and quiet sawing processes and assures supreme quietness. The results are clean and smooth cuts of the best quality.

Thanks to its long blade life and increased durability, our further developed, precision-ground tooth geometry is particularly convincing in hard building materials.

Engineered for:

- pore or lightweight concrete
- perforated brick
- porous bricks ("Poroton")
- insulation material



Dimensions			Tooth
mm	P.V.P A	inch	2/3
27 x 0,90	CONSULTAR	1 x 0,035	K

K = Variable tooth