Håkansson Sågblad AB

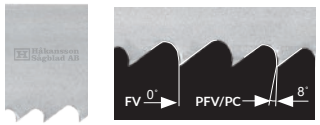
METAL CUTTING BANDSAW BLADES

M42 BI-METAL

Our M42 Bi-metal blades are made of the highest quality Cobalt M42 steel and are very suitable for sawing most materials.

● Standard products
○ Special - MOQ may be required

ALLPOWER™

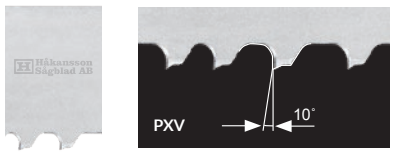


- Our most popular allround blade from workshops to heavy industrial cutting
- Suitable for production as well as non-production cutting
- Produced from HSS M42 edge and known for its consistency
- Tooth set: AR
- Positive cutting angle (8°) in pitches: Tooth profile: PC (Hook) 3, 4, 6:
  Tooth profile: PFV 2/3, 3/4, 4/6 and 5/8.
- Zero degree cutting angle (0°) in variable tooth pitches 6/10, 8/12 and 10/14.
  Tooth profile: FV

Teeth/inch

sizes (mm)	3	4	6	2/3	3/4	4/6	5/8	6/10	8/12	10/14	sizes (inches)
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
12 x 0.6	○	○	●					●	●	●	1/2 x .025
12 x 0.9	○	●	●							●	1/2 x .035
19 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

POWERMAX™

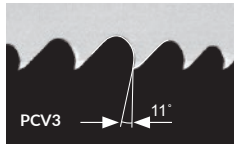


- A completely different type of blade with a unique tooth design and setting pattern
- Results in high performance for interrupted cuts in structural steels like tubes, profiles and beams
- Shock resistant, reduces vibrations, noise level and tooth breakage
- Specially suitable for bundle cutting in one or multiple layers
- Tooth set: AR
- Tooth profile: PXV

Teeth/inch

sizes (mm)	1.3/2	2/3	3/4	4/6	5/7	8/11	sizes (inches)
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 1.6	○	○	●	○			2 x .063
67 x 1.6		○	●				2 5/8 x .063

COMMANDER™

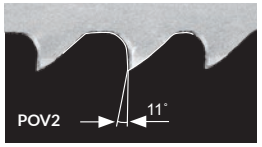


Teeth/inch

sizes (mm)	2/3	3/4	4/6	sizes (inches)
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 1.6	●	●	○	2 x .063

- The suitable choice where high productivity is required
- Specially designed for optimal chip flow and increased cutting rate
- High wear resistance
- Produced from HSS M42 edge suitable for solid and tough materials
- Tooth set: AR
- Tooth profile: PCV III

OPTIMIZER™



Teeth/inch

sizes (mm)	1.25	1.3/2	sizes (inches)
34 x 1.1	●		1 1/4 x .042
41 x 1.3	○	●	1 1/2 x .050
54 x 1.6	○	●	2 x .063
67 x 1.6		○	2 5/8 x .063

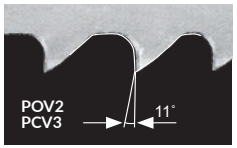
- Specially designed tooth for improved chip flow
- For tough and demanding production cutting
- Fast cutting of wide cross sections of ferrous and non-ferrous metals
- High heat and wear resistance
- Increased blade life when sawing in material that can work harden if not consistently penetrated
- Tooth profile: POV II

M51 BI-METAL

Our M51 bi-metal blades are made using a higher alloy backing material and feature an HSS M51 tooth tip.

● Standard products
○ Special - MOQ may be required

PERFORMER™

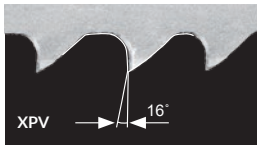


Teeth/inch

sizes (mm)	0.8/1.3	1.3/2	2/3	3/4	4/6	sizes (inches)
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 1.6	○	●	●			2 x .063
67 x 1.6	○	●	○			2 5/8 x .063
80 x 1.6	●	○				3 1/8 x .063

- M51 HSS tooth
- Heavy set
- High wear and heat resistance
- Long and reliable tool life
- High shock resistance
- For difficult to cut materials
- Higher cutting rate
- Tooth set: AR
- Tooth profiles: POVII, PCVIII

PERFORMER X™



Teeth/inch

sizes (mm)	0.8/1.3	1.1/1.6	1.3/2	sizes (inches)
41 x 1.3		○	○	1 1/2 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

- For higher productivity on harder materials
- Special tooth profile - 16°
- M51 HSS tooth
- Extra heavy set available
- High wear and heat resistance
- Long and reliable tool life
- High shock resistance
- Suitable for high-alloy materials
- Improved chip flow
- Higher cutting rate
- Tooth set: AR
- Tooth profile: XPV

CT CARBIDE

Blades tipped with Tungsten Carbide offer many advantages when cutting high hardness materials. They are more durable than conventional blades resulting in longer life and less time spent changing blades. In addition, they retain their sharpness better to give high performance for longer.

- ● Standard products
- ○ Special - MOQ may be required

RAPID CT10

- Carbide tipped band saw blade for cutting tool steels, high speed steels and stainless steels
- The unique tooth geometry results in better chip separation, low noise and high cutting rates
- For faster cutting and excellent finish

Teeth/inch

sizes (mm)	0.8/1.2	1.1/1.6	1.5/2	2/3	3/4	sizes (inches)
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 1.6			○	○		2 x .063
67 x 1.6		○	○			2 5/8 x .063
80 x 1.6	○	○				3 1/8 x .063

RAPID CT30

- Carbide tipped band saw blade developed for cutting non-ferrous materials and especially aluminum
- The fatigue resistant alloyed steel backing withstands the severe mechanical stress due to the high cutting speeds and feeds
- For high productivity and long blade life

Teeth/inch

sizes (mm)	2	3	1.5/2	2/3	sizes (inches)
19 x 0.9		○			3/4 x .035
27 x 0.9		○		○	1 x .035
34 x 1.1	○	○	○		1 1/4 x .042

RAPID CT20

- Carbide tipped band saw blade with unique setting
- For cutting materials with residual stress
- Reduces vibrations in older machines
- Suitable for bundle cutting

Teeth/inch

sizes (mm)	0.8/1.2	1.1/1.6	1.5/2	2/3	sizes (inches)
34 x 1.1				○	1 1/4 x .042
41 x 1.3			○	○	1 1/2 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

RAPID CT40

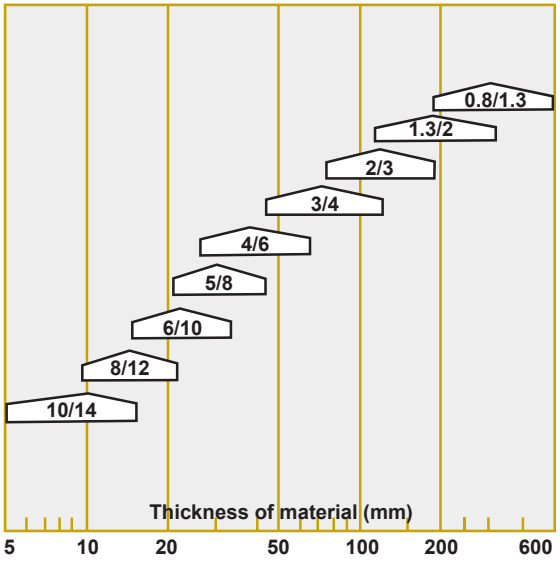
- Carbide tipped band saw blade with special design developed for cutting hardened and tempered or induction hardened materials
- For cutting materials with hardness between 50-60 HRc

Teeth/inch

sizes (mm)	2/3	3/4	sizes (inches)
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

RECOMMENDED TOOTH PITCH.

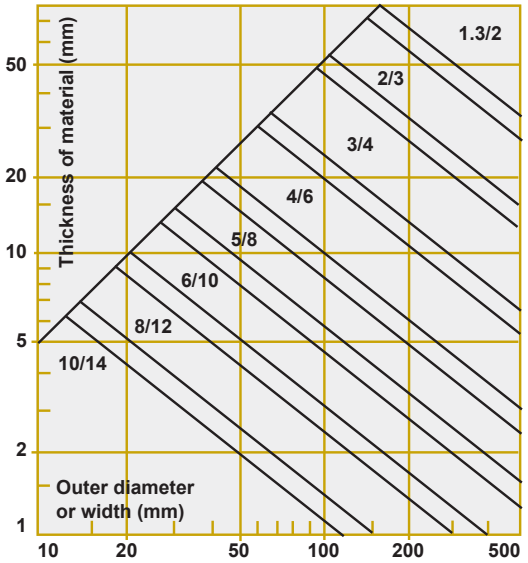
Solid work piece



This diagram is a guide to help you chose the correct tooth pitch when cutting solid work pieces. The very best choice is where the tooth pitch-area is at its widest.

When cutting soft materials such as wood, plastics, aluminum etc. choose a two-step coarser tooth pitch.

Pipes and profiles



This diagram is a guide to help you chose the correct tooth pitch when cutting pipes and profiles. The very best choice is in the area, where a line from the outer diameter crosses a line from the thickness of the material.

When cutting profiles, choose the tooth pitch, where the line from the width of the profile crosses the line from the material thickness of the profile.

Tooth settings

Raker set (RS)

One tooth is set to the right, the next to the left and the third is straight.

Alternate set (AS)

This setting has one tooth set to the right, the following to the left, the next to the right and so on.

Alternate rake (AR)

A group of AS set teeth is followed by a straight tooth.

Can't see what you're looking for?
Contact us to find out about other options and customization possibilities to match your application.

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