 **Håkansson
Sågblad AB**

BAND SAW BLADES

MADE IN SWEDEN



ІНЖТЕХСЕРВІС

ПЕРШІ.

Ексклюзивний дистриб'ютор
на території України

<http://inzhteh.com.ua/>

BAND SAW BLADES - M42 BIMETAL

ALLPOWER®

- Our most popular allround blade.
- Suitable for production as well as non-production cutting.
- Produced from HSS M42 edge and known for its consistency.
- The popular choice from workshops to heavy industrial cutting.
- A large variety of pitches available.
- Tooth set AR.

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

COMMANDER™

- 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.

OPTIMIZER™

- 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 set AR.

ALLPOWER® Teeth / inch

	3	4	6	2/3	3/4	4/6	5/8	6/10	8/12	10/14
6 x 0.6			●							●
6 x 0.9			●							●
10 x 0.6			●							●
10 x 0.9		●	●							●
12 x 0.6	●	●	●					●	●	●
12 x 0.9	●	●								●
19 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				●	●	●				

POWERMAX™ Teeth / inch

	1.3/2	2/3	3/4	4/6	5/7	8/11
27 x 0.9			●	●	●	●
34 x 1.1		●	●	●	●	●
41 x 1.3	●	●	●	●	●	
54 x 1.6	●	●	●	●		
67 x 1.6		●	●			

COMMANDER™ Teeth / inch

	2/3	3/4	4/6
27 x 0.9	●	●	●
34 x 1.1	●	●	●
41 x 1.3	●	●	●
54 x 1.6	●	●	●

OPTIMIZER™ Teeth / inch

	1.25	0.8/1.3	1.3/2
34 x 1.1	●		
41 x 1.3	●		●
54 x 1.3	●		●
54 x 1.6	●	●	●
67 x 1.6	●	●	●
80 x 1.6	●	●	●

BAND SAW BLADES - M51 BIMETAL

PERFORMER

- 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.

PERFORMER Teeth / inch

	0.8/1.3	1.3/2	2/3	3/4	4/6
27 x 0.9				●	●
34 x 1.1			●	●	●
41 x 1.3		●	●	●	
54 x 1.6	●	●	●		
67 x 1.6	●	●	●		
80 x 1.6	●	●			

BAND SAW BLADES - CARBIDE TIPPED

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

RAPID CT10 Teeth / inch

	08/12	11/16	15/2	2/3	3/4
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	●	●			

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.

RAPID CT20 Teeth / inch

	08/12	11/16	15/2	2/3
34 x 1.1				●
41 x 1.3			●	●
54 x 1.3			●	●
54 x 1.6			●	●
67 x 1.6	●	●	●	
80 x 1.6	●	●		

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.

RAPID CT30 Teeth / inch

	2	3	08/12	11/16	15/2	2/3
19 x 0.9		●				
27 x 0.9		●				●
34 x 1.1	●	●			●	
41 x 1.3					●	●
54 x 1.3			●		●	
54 x 1.6			●	●	●	

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.

RAPID CT40 Teeth / inch

	08/12	11/16	15/2	2/3	3/4
27 x 0.9					●
34 x 1.1				●	●
41 x 1.3				●	●
54 x 1.6				●	

RAPID CT50

- Multichip carbide tipped band saw blade, developed to cut a variety of different materials.
- Positive cutting angle, dedicated tooth pattern, single tooth ground.
- For cutting construction steel, carbon and heat treated steels, cold and hot work steels, stainless steel, etc.
- The tooth geometry leads to a better chip separation with low noise and high cutting rates.
- A high productivity blade with superb cutting surface.

RAPID CT50 Teeth / inch

	06/09	08/12	10/14	13/16	17/2	2/3	3/4
27 x 0.9							●
34 x 1.1					●	●	●
41 x 1.3				●	●	●	●
54 x 1.6		●	●	●	●	●	
67 x 1.6		●	●	●	●		
80 x 1.6	●	●					

BAND SAW BLADES - CARBIDE GRIT

CARBIDE GRIT – STRAIGHT EDGE

- Instead of teeth, this saw blade has carbide grains soldered in place.
- Used for extremely hard material that cannot be cut using normal saw blades.
- Suitable for glass, fibreglass, titanium and nickel alloys



CARBIDE GRIT

	Straight edge	Gulleted edge
12x0.60	●	●
19x0.80	●	●
25x0.90	●	●
32x1.10		●
38x1.10		●
50x1.30		●

CARBIDE GRIT – GULLETED EDGE

- Instead of teeth, this saw blade has carbide grains soldered in place.
- Used for extremely hard material that cannot be cut using normal saw blades.
- Suitable for composites, ceramics, wire, tyres and hardened steels



BAND SAW BLADES - CARBON STEEL

SILCO®

- Suitable for cutting wood, aluminum, brass, bronze, cast iron, copper, lead, zinc, graphite, fibreglass, plastic, cork and other non-ferrous metals.
- Manufactured from high silicon steel.
- High quality, flexibility and performance make the blade ideal for friction cutting.
- Hardened tooth tip/flexible back.
- Tooth set AR.

SILCO® Teeth / inch

	2	3	4	6	8	10	14	18
4x0.63						●		
6x0.63			●	●	●	●	●	●
10x0.63		●	●	●	●	●	●	
12x0.63		●	●	●	●	●	●	●
16x0.63			●					
16x0.81		●	●			●		
19x0.63		●						
19x0.81		●	●	●		●	●	
25x0.90	●	●	●	●		●		
31x1.07		●						

SILCO LOG®

- Our most popular saw blade for portable sawmills.
- Carbon steel with hardened teeth.
- Produced from the best raw material with high silicon content.
- Tooth set RS.

SILCO LOG® Pitch - mm

25x1.07	19		
31x1.07	19	22	
31x1.14	19	22	
38x1.07		22	25
38x1.32		22	25
45x1.32			25
51x1.07			25
51x1.32			25

M42 LOG™ Pitch - mm

27x0.9	12			25	
34x0.9				22	
34x1.1			19	22	
41x1.3				22	25
54x1.6					25

M42 LOG™

- For portable sawmills.
- The suitable choice where high production is required.
- Specially designed for optimal chip flow and increased cutting rate.
- High wear resistance.
- HSS edge for longer run time between regrinding.
- Tooth set RS.

HOBBY

- Extra flexible blade.
- Specially designed for small bandsaw machines with small diameter wheels.
- Tooth set AR.

HOBBY Teeth / inch

	4	6	14
6x0.36	●	●	●
10x0.36	●	●	
16x0.36	●	●	

BAND SAW BLADES - FOOD

PRIMECUT®

- For cutting all types of fresh or frozen meat, including bones.
- Manufactured from best strip steel available.
- Special sharp tooth that easily cuts through all types of meat and bones.
- Minimum of material waste.
- Longer blade life.

SEACUT®

- For cutting frozen fish.
- Manufactured from best strip steel available.
- Special sharp tooth that easily cuts through all types of frozen fish.
- Minimum of material waste.
- Longer blade life.

PRIMECUT® Teeth / inch

	3	4	10 neg
12 x 0.50	●	●	
12 x 0.60	●	●	●
16 x 0.50	●	●	
16 x 0.56	●	●	
16 x 0.60	●	●	
18 x 0.60			●
19 x 0.50	●	●	
19 x 0.56	●	●	
19 x 0.60	●	●	

SEACUT® Teeth / inch

	3
16 x 0.36	●
16 x 0.40	●

BAND KNIVES

STRAIGHT EDGE

- For cutting soft and fibrous type of material.
- It produces a smooth finish without tearing or producing ragged edges.

WAVY EDGE

- For cutting cellulose sponge, bread, cake, rubber, seals, gaskets, leather, soft aluminum, corrugated stock, buffing wheels.

SCALLOP

- For cutting same material as wavy edge.
- Faster cutting performance, but somewhat rougher finish.



ALL MODELS

Width x thickness /mm

10 x 0.45 - 0.50

15 x 0.45 - 0.50

20 x 0.45 - 0.50

25 x 0.45 - 0.50

ACCESSORIES

TENSION METER

Correct band tension is essential for straight cut and prolonged blade life.



REFRACTOMETER

Proper concentration of the cooling lubricants is of utmost importance for the cutting result



TACHOMETER

Digital tachometer showing the band speed in feet/min as well as m/min.



WAX AND COOLANT

For lubricating the band when cutting aluminum and other materials.



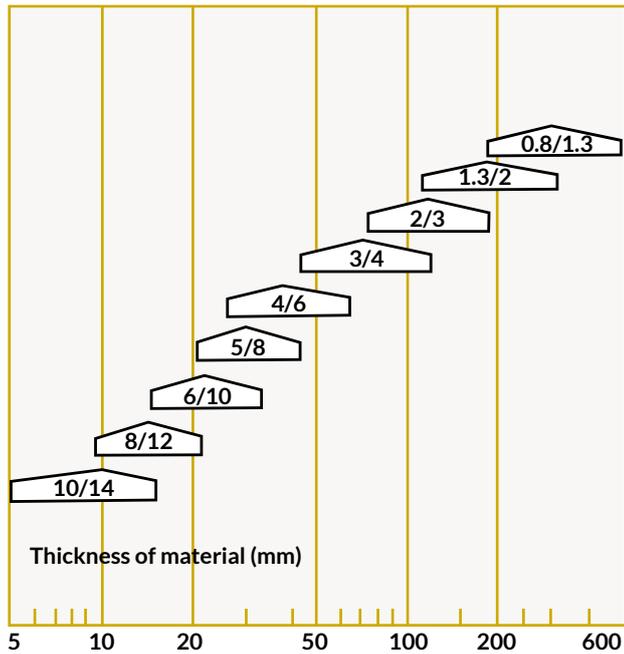
CBN-GRINDING WHEEL

Grinding wheel suitable for Wood-Mizer and Grindlux grinding machine.



RECOMMENDED TOOTH PITCH

SOLID WORK PIECE

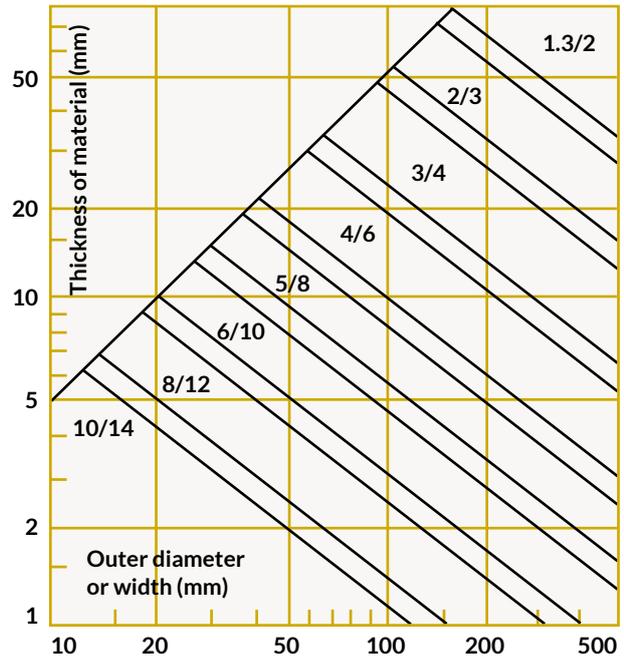


The adjoining diagram is a guide to your choice of tooth pitch when cutting solid work pieces.

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



The adjoining diagram is a guide to your choice of 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.



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