

Pilana

METAL



**Bi-Metal
Band Saw Blades**

Made in Czech Republic
since 1934

OUR PRODUCTS

M42 UNIVERSAL



IDEAL BAND SAW BLADE FOR SMALL SOLID MATERIAL AND MEDIUM WALL-THICKNESS TUBES



Dimensions mm	TPI - teeth per inch			
	5/8	6/10	8/12	10/14
13 x 0,65	V-O	V-O	V-O	V-O
13 x 0,90	V-O	V-O	V-O	V-O
20 x 0,90	V-O	V-O	V-O	V-O
27 x 0,90	V-O	V-O	V-O	V-O
34 x 1,10	V-O	V-O	V-O	V-O
41 x 1,30	V-O	V-O	V-O	V-O

M42 MASSIVE



SPECIALLY DESIGNED FOR MEDIUM AND LARGE CROSS-SECTION CUTTING OF SOLID MATERIAL



Dimensions mm	TPI - teeth per inch				
	0,75/1,25	1,4/2	2/3	3/4	4/6
20 x 0,90					V-POS
27 x 0,90			V-POS	V-POS	V-POS
34 x 1,10			V-POS	V-POS	V-POS
41 x 1,30		V-POS*	V-POS	V-POS	V-POS
54 x 1,60	V-POS*	V-POS	V-POS	V-POS	V-POS
67 x 1,60	V-POS*	V-POS	V-POS	V-POS	V-POS

M42 PLUSCUT



BAND SAW BLADE WITH EXTRA POSITIVE RAKE ANGLE



Dimensions mm	TPI - teeth per inch		
	1,4/2	2/3	3/4
27 x 0,90		V-POS+	V-POS+
34 x 1,10		V-POS+	V-POS+
41 x 1,30	V-POS+	V-POS+	V-POS+
54 x 1,60	V-POS+	V-POS+	V-POS+

M51 MASSIVE PROFI



SPECIALLY DESIGNED FOR CUTTING SOLID MATERIALS OF LARGE CROSS-SECTIONS



Dimensions mm	TPI - teeth per inch			
	1,4/2	2/3	3/4	4/6
27 x 0,90		V-POS	V-POS	V-POS
34 x 1,10		V-POS	V-POS	V-POS
41 x 1,30	V-POS	V-POS	V-POS	V-POS
54 x 1,60	V-POS	V-POS	V-POS	V-POS
67 x 1,60	V-POS*	V-POS*		

M42 ALUCUT



SPECIALLY DESIGNED FOR EASY ALUMINIUM CUTTINGS



Dimensions mm	TPI - teeth per inch					
	2	3	4	6	2/3	3/4
13 x 0,65			POS	POS		
13 x 0,90		POS	POS			
20 x 0,90		POS	POS*			
27 x 0,90	POS	POS	POS		V-POS*	V-POS*
34 x 1,10	POS*				V-POS*	V-POS*
41 x 1,30					V-POS*	V-POS*

M42 PROFILE



BAND SAW BLADE FOR SMOOTH TUBES CUTTING



Dimensions mm	TPI - teeth per inch				
	2/3	3/4	4/6	5/7	8/11
27 x 0,90		V-POS*	V-POS	V-POS	V-POS
34 x 1,10		V-POS*	V-POS	V-POS	V-POS*
41 x 1,30	V-POS	V-POS	V-POS		
54 x 1,60	V-POS	V-POS			
67 x 1,60	V-POS*	V-POS*			

M51 GRINDCUT PROFI



GROUND-TEETH PROFILE FOR THE BEST CUTTING RESULTS



Dimensions mm	TPI - teeth per inch		
	1,4/2	2/3	3/4
27 x 0,90		V-POS	V-POS
34 x 1,10		V-POS	V-POS
41 x 1,30	V-POS	V-POS	V-POS
54 x 1,60	V-POS	V-POS	V-POS
67 x 1,60	V-POS*	V-POS*	

M51 PLUSCUT PROFI



HIGH PERFORMANCE BAND SAW BLADE FOR SUPER-ALLOYS CUTTING

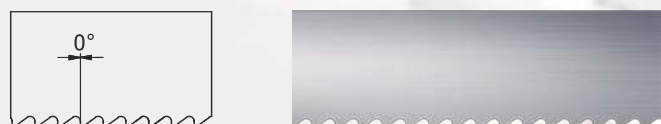


Dimensions mm	TPI - teeth per inch		
	1,4/2	2/3	3/4
27 x 0,90		V-POS+	V-POS+
34 x 1,10		V-POS+	V-POS+
41 x 1,30	V-POS+	V-POS+	V-POS+
54 x 1,60	V-POS+	V-POS+	V-POS+

M42 REGULAR



BAND SAW BLADE FOR SMALL CROSS-SECTION SOLIDS AND TUBES



Dimensions mm	TPI - teeth per inch	
	14	18
13 x 0,65	N	N
13 x 0,90	N*	N*
20 x 0,90	N	N
27 x 0,90	N	N

M42 GRINDCUT



HIGH PERFORMANCE BAND SAW BLADE



Dimensions mm	TPI - teeth per inch			
	0,75/1,25	1,4/2	2/3	3/4
27 x 0,90			V-POS	V-POS
34 x 1,10		V-POS	V-POS	V-POS
41 x 1,30		V-POS	V-POS	V-POS
54 x 1,60	V-POS	V-POS	V-POS	V-POS
67 x 1,60	V-POS	V-POS	V-POS	V-POS

WOODCUT



BIMETAL BAND SAW BLADE FOR WOOD CUTTING



Dimensions mm	TPI - teeth per inch	
	1,14	2
34 x 0,90	W	W
34 x 1,10	W	
38 x 1,10	W	
41 x 1,10	W	
50 x 1,10	W	
54 x 1,10	W	

Explanations

- V-O = variable teeth with 0° rake angle
- POS = regular teeth with positive rake angle
- V-POS = variable teeth with positive rake angle
- V-POS+ = variable teeth with a strongly positive rake angle
- N = regular teeth with 0° rake angle
- W = 10° rake angle, 30° clearance angle
- * On request

Over 85 years of experience in cutting tools production. The manufacturing of cutting tools began in Hulín in the year of 1934. Its founder, Josef Studeník, named his company „The First Moravian Factory For Saws and Tools“. Since then, our company is participating in the development of the cutting tools for worldwide applications.

The most up-to date production of bimetal bandsaw blades. PILANA METAL built a completely new plant producing bi-metal band saw blades for metal cutting in the year of 2012. The production line is equipped with the best European technologies. For the manufacturing of our tools we only use bimetal strip produced in Western Europe.

High and stable quality with quick delivery. Our technology allows us to guarantee both high quality tools and very short delivery times to our customers as well. Our welding center, as a part of the production plant, produces more than 500 welded band saw blades every day.

We export to the whole world. 90% of the tools is exported. Our bimetal band saw blades supplied in coils and welded blades are delivered to more than 60 countries worldwide.

Technical advice! Try our tools. Our team is ready to provide all our customers and dealers with full technical support and service. We firmly believe you will be fully satisfied.



www.pilanametall.com

Contacts:

PILANA Metal s.r.o.
Nádražní 804,
768 24 Hulín,
Czech Republic

+420 573 328 362

metal@pilana.cz



EUROPEAN UNION
European Regional Development Fund
Operational Programme Enterprise
and Innovations for Competitiveness