

Sabre Saw Blades
Hand & Power Hacksaw Blades



Hacksaw blades? PILANA Metal!

- · 90 years of tradition in tool manufacturing
- · Best European quality of production
- · Export to over 60 countries worldwide
- · Produced in the Czech Republic
- · More than 50 workers
- · More than 7.000m² of production area
- · High quality European steel
- · Flexible production with low MOQ

See also our catalogue of Bi-Metal bandsaw blades



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Sabre Saw Blades for Wooden Pallets Recycling



Application and advantages

The best tool for recycling of wooden pallets, nail-embedded wood and wood with other metal residues. Made of HSS Bi-Metal for exceptional cutting performance, wear resistance and the longest lifespan.

Universal shank 12,7 mm (1/2") is compatible with power tools of all common brands.

The round shape of the nose tip avoids jamming of the blade in the cut material.

Mechanical properties and design

Type of blades: RECYCLING sabre saw blades - form S2

Size of the blades: 19 x 0,9 or 19 x 1,3 mm

Steel grade: Matrix II 8% cobalt HSS BiMetal steel

Teeth hardness: 64-67 HRC **Body hardness:** 50 +/- 2 HRC **Painting:** white (RAL 9016)

Printing: blue

We offer two thicknesses according to your needs. The blades are also available without painting and printing.



HSS Bi-Metal 8% Cobalt 226 x 19 x 0.9 mm, 10-10 TPt Re-order code: \$2-225AA-H1-P



Product codes and packaging information

Length	Thickness	10/14 TPI	10/10 TPI	8/12 TPI
200	0,9 mm	S2-200AA-V1-PT	S2-200AA-H1-PT	
225	0,9 mm	S2-225AA-V1-PT	S2-225AA-H1-PT	
250	0,9 mm	S2-250AA-V1-PT	S2-250AA-H1-PT	
225	1,3 mm			S2-225BA-V3-PT
250	1,3 mm			S2-250BA-V3-PT

Sabre Saw Blades for Metal - Thickness 0,90 mm



Application and advantages

HSS Bi-Metal sabre blades with exceptional cutting performance and wear resistance, also suitable for stainless steels. The 8% cobalt HSS on the tips of the teeth ensures excellent durability. Universal shank 12,7 mm (1/2") is compatible with power tools of all common brands.

Which TPI is suitable for your needs?

10/14 TPI - cutting of pipes, profiles, bars and sheet metals 5-9 mm thick 14 TPI - cutting of pipes, profiles, bars and sheet metals 3-8 mm thick

18 TPI - cutting of pipes, profiles and sheet metals 1,5-5 mm thick

24 TPI - cutting of thin wall pipes and sheet metals 0,7-3 mm thick

32 TPI - cutting of thin wall pipes and sheet metals < 1,5 mm

Mechanical properties and design

Type of blades: UNIVERSAL sabre saw blades - form S1

Size of the blades: $19 \times 0.9 \text{ mm}$

Steel grade: Matrix II 8% cobalt HSS Bi-Metal steel

Teeth hardness: 64-67 HRC **Body hardness:** 50 +/- 2 HRC **Painting:** white (RAL 9016)

Printing: blue



Product codes and packaging information:

Length	10/14 TPI	14 TPI	18 TPI	24 TPI	32 TPI
150	S1-150AA-V1-PT	S1-150AA-14-PT	S1-150AA-18-PT	S1-150AA-24-PT	S1-150AA-32-PT
200	S1-200AA-V1-PT	S1-200AA-14-PT	S1-200AA-18-PT	S1-200AA-24-PT	S1-200AA-32-PT
225	S1-225AA-V1-PT	S1-225AA-14-PT	S1-225AA-18-PT	S1-225AA-24-PT	S1-225AA-32-PT
250	S1-250AA-V1-PT	S1-250AA-14-PT	S1-250AA-18-PT	S1-250AA-24-PT	
300			S1-300AA-18-PT	S1-300AA-24-PT	

Sabre Saw Blades for Metal - Thickness 1,30 mm



Application and advantages

HSS Bi-Metal sabre blades with exceptional cutting performance and wear resistance, also suitable for stainless steels. Due to the body thickness of 1,3 mm, the blades are designed for heavy usage.

Which TPI is suitable for your needs?

5/7 TPI - cutting of pipes, profiles, bars and sheet metals >10 mm thick 8/11 TPI - cutting of pipes, profiles, bars and sheet metals 6-10 mm thick 10/14 TPI - cutting of pipes, profiles, bars and sheet metals 5-9 mm thick 14 TPI - cutting of pipes, profiles, bars and sheet metals 4-7 mm thick 18 TPI - cutting of pipes, profiles and sheet metals 2-5 mm thick

Mechanical properties and design

Type of blades: HEAVY sabre saw blades - form S1

Size of the blades: 19 x 1,3 mm

Steel grade: Matrix II 8% cobalt HSS Bi-Metal steel

Teeth hardness: 64-67 HRC **Body hardness:** 50 +/- 2 HRC **Painting:** white (RAL 9016)

Printing: blue



HSS Bi-Metal 8% Cobalt 300 x 19 x 1.3 mm, 18 TPI Re-order code: \$1,300BA-18-PT



Product codes and packaging information:

Length	5/7 TPI	8/11 TPI	10/14 TPI	14 TPI	18 TPI
150	S1-150BA-V4-PT	S1-150BA-V5-PT	S1-150BA-V1-PT	S1-150BA-14-PT	S1-150BA-18-PT
200	S1-200BA-V4-PT	S1-200BA-V5-PT	S1-200BA-V1-PT	S1-200BA-14-PT	S1-200BA-18-PT
225	S1-225BA-V4-PT	S1-225BA-V5-PT	S1-225BA-V1-PT	S1-225BA-14-PT	S1-225BA-18-PT
250	S1-250BA-V4-PT	S1-250BA-V5-PT	S1-250BA-V1-PT	S1-250BA-14-PT	S1-250BA-18-PT
300	S1-300BA-V4-PT	S1-300BA-V5-PT	S1-300BA-V1-PT	S1-300BA-14-PT	S1-300BA-18-PT

Sabre Saw Blades for Wood



Application and advantages

Bi-Metal sabre saw blades with exceptional performance for cutting wood, can also be used for metal and plastic.

Universal shank 12,7mm (1/2") is compatible with power tools of all common brands.

6 TPI - bigger teeth for fast and effective cutting of wood.

Mechanical properties and design

Type of blades: WOOD sabre saw blades - form S4

Size of the blades: 19 x 0,9 or 19 x 1,3 mm

Steel grade: Matrix II 8% cobalt HSS Bi-Metal steel

Teeth hardness: 64-67 HRC **Body hardness:** 50 +/- 2 HRC

Painting:blackPrinting:orange



Product codes and packaging information

Length	Thickness 0,9mm	Thickness 1,3mm
150	S4-150AA-6-PT	S4-150BA-6-PT
225	S4-225AA-6-PT	S4-225BA-6-PT
250	S4-250AA-6-PT	S4-250BA-6-PT
300	S4-300AA-6-PT	S4-300BA-6-PT



Sabre Saw Blades - Packing Options



Box of 200/250 blades



Box of 50 blades

Transparent tube of 100 blades



Transparent tube of 5 blades



8% Cobalt HSS Bi-Metal Hand Hacksaw Blades



Application and advantages

Long-lasting blade designed for professional use by craftsmen. Made of Bi-Metal, with high cobalt content in the HSS part. Thanks to higher hardness its teeth can cut extra hard steels up to 1200 N/mm².

Mechanical properties and design

Teeth hardness: 64-67 HRC **Body hardness:** 50 +/-2 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,63 mm (12 x ½ x 0,025")

Painting: black (RAL 9005)

Printing: white















TPI	plastic box of 100 pcs	plastic box of 50 pcs	plastic tube of 10 pcs	plastic tag of 2 pcs
14	BC-3013-14-P	BC-3013-14-PB	BC-3013-14-PT	BC-3013-14-PE
18	BC-3013-18-P	BC-3013-18-PB	BC-3013-18-PT	BC-3013-18-PE
24	BC-3013-24-P	BC-3013-24-PB	BC-3013-24-PT	BC-3013-24-PE
32	BC-3013-32-P	BC-3013-32-PB	BC-3013-32-PT	BC-3013-32-PE

HSS Bi-Metal Hand Hacksaw Blades



Application and advantages

The blades are made of Bi-Metal steel - the tips of the teeth contain high performance HSS. Multipurpose tool for effortless and smooth cutting of metal or other materials. Specially designed for cutting hard steel (up to 1100 N/mm²).

Suitable also for professional use by craftsmen.

Upon request, we can produce Bi-Metal hand hacksaw blades as double-sided (width 25mm, toothing with HSS tooth tips on both sides).

Mechanical properties and design

Steel grade: DIN 1.3343 (M2)

Teeth hardness: 63-65 HRC **Body hardness:** 50 +/-2 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,63 mm (12 x ½ x 0,025")

Painting: white (RAL 9016)

Printing: blue









FLEXIBL











Product codes and packaging information

ТРІ	plastic box of 100 pcs	plastic box of 50 pcs	plastic tube of 10 pcs	plastic tag of 2 pcs
14	B-3013-14-P	B-3013-14-PB	B-3013-14-PT	B-3013-14-PE
18	B-3013-18-P	B-3013-18-PB	B-3013-18-PT	B-3013-18-PE
24	B-3013-24-P	B-3013-24-PB	B-3013-24-PT	B-3013-24-PE
32	B-3013-32-P	B-3013-32-PB	B-3013-32-PT	B-3013-32-PE

HSS Bi-Metal Hand Hacksaw Blades - Special Teeth



Application and advantages

VARIABLE TOOTHING of the blades significantly reduces vibrations during cutting. The distance between the variable teeth is not constant but groups of different pitches are repeated throughout the blade. The blades are designed also for professional use by craftsmen.

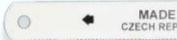
Mechanical properties and design

Steel grade: DIN 1.3343 (M2)

300 x 13 x 0,63 mm (12 x ½ x 0,025") Sizes:

Painting: white (RAL 9016)

Printing: black















Application and advantages

PROGRESSIVE TOOTHING is especially designed for an easy start of the cut. Steel grade: DIN 1.3343 (M2) It is perfect for cutting profiles with different wall thicknesses. The blades are suitable also for professional use by craftsmen.

Mechanical properties and design

300 x 13 x 0.63 mm (12 x ½ x 0.025") Sizes:

Painting: grey (RAL 7047)



Product codes and packaging information

TPI	plastic box of 100 pcs	plastic box of 50 pcs	plastic tube of 10 pcs	plastic tag of 2 pcs
Variable	B-3013-VA-P	B-3013-VA-PB	B-3013-VA-PT	B-3013-VA-PE
Progressive	B-3013-PR-P	B-3013-PR-PB	B-3013-PR-PT	B-3013-PR-PE

HCS Painted Hand Hacksaw Blades



We produce HCS hand hacksaw blades from the best European steel. The high carbon content of the material allows us to harden the blades up to 63 HRC. HCS blades are designed for DIY use and they are suitable for cutting wide range of metal materials or even plastic.

Application and advantages

Flexible blades made of high carbon steel for effortless and safe cutting. They are perfect for all kinds of DIY cutting tasks.

Mechanical properties and design

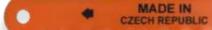
Teeth hardness: 63-65 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,65 mm (12 x ½ x 0,025")

Painting: orange (RAL 2008)

Printing: black













Product codes and packaging information

TPI	plastic box of 100 pcs	plastic box of 50 pcs	plastic tube of 10 pcs	plastic tag of 2 pcs
18	C-3013-18-P	C-3013-18-PB	C-3013-18-PT	C-3013-18-PE
24	C-3013-24-P	C-3013-24-PB	C-3013-24-PT	C-3013-24-PE
32	C-3013-32-P	C-3013-32-PB	C-3013-32-PT	C-3013-32-PE

HCS Double-Sided Painted Hand Hacksaw Blades



Painted HCS hand hacksaw blades are manufactured either with standard teeth (both sides of the blade have similar TPI) or combined teeth (each side of the blade is designed for different material).

Application and advantages

Flexible blades made of high carbon steel for effortless and safe cutting. They are perfect for all kinds of DIY tasks. We offer various TPIs suitable for wide range of materials (steel, aluminium and other non-ferrous metals, plastic, wood).

Mechanical properties and design

Teeth hardness: 63-65 HRC

Teeth setting: wavy

Sizes: 300 x 20 or 25 x 0,65 mm (12 x 3/4 or 1 x 0,025")

Painting: 24 TPI – orange (RAL 2008); Combi TPI – grey (RAL 7047)

Printing: black



Product codes and packaging information

TPI	width	plastic box of 50 pcs	plastic tube of 10 pcs	plastic tag of 2 pcs
24	20 mm	RP-3020-24-PB	RP-3020-24-PT	RP-3020-24-PE
24	25 mm	RP-3025-24-PB	RP-3025-24-PT	RP-3025-24-PE
24/14	20 mm	KP-3020-24/14-PB	KP-3020-24/14-PT	KP-3020-24/14-PE
24/14	25 mm	KP-3025-24/14-PB	KP-3025-24/14-PT	KP-3025-24/14-PE
24/8	20 mm	KP-3020-24/8-PB	KP-3020-24/8-PT	KP-3020-24/8-PE
24/8	25 mm	KP-3025-24/8-PB	KP-3025-24/8-PT	KP-3025-24/8-PE

HCS Hand Hacksaw Blades MYROS SPECIAL



These blades made from European high carbon steel are traditional product of PILANA Metal company. We have been producing them in their proven design for decades. While their price is very favourable, their utility value is fully comparable with painted HCS blades.

The blades are induction hardened in oil, which also protects them from corrosion.

The hardness of the teeth is 63-65 HRC.



Identification	Sizes	Order code	TPI	Packing: box	Packing weight
222950, one-sided	300 x 13 x 0,65 mm	R-3013-18-P	18 TPI	100 pcs	2000 g
222950, one-sided	300 x 13 x 0,65 mm	R-3013-24-P	24 TPI	100 pcs	2000 g
222950, one-sided	300 x 13 x 0,65 mm	R-3013-32-P	32 TPI	100 pcs	2000 g
222951, double-sided	300 x 20 x 0,65 mm	R-3020-18-P	18 TPI	100 pcs	3000 g
222951, double-sided	300 x 20 x 0,65 mm	R-3020-24-P	24 TPI	100 pcs	3000 g
222951, double-sided	300 x 20 x 0,65 mm	R-3020-32-P	32 TPI	100 pcs	3000 g
222951, double-sided	300 x 25 x 0,65 mm	R-3025-18-P	18 TPI	72 pcs	2660 g
222951, double-sided	300 x 25 x 0,65 mm	R-3025-24-P	24 TPI	72 pcs	2660 g



Usage	Sizes	Order code	TPI	Packing: box	Packing: weight
metal/plastic	300 x 20 x 0,65 mm	K-3020-24/14-P	24/14 TPI	100 pcs	3000 g
metal/wood	300 x 20 x 0,65 mm	K-3020-24/8-P	24/8 TPI	100 pcs	3000 g
metal/plastic	300 x 25 x 0,65 mm	K-3025-24/14-P	24/14 TPI	72 pcs	2660 g
metal/wood	300 x 25 x 0,65 mm	K-3025-24/8-P	24/8 TPI	72 pcs	2660 g

Hand Hacksaw Blades - Packing Options

Box

of 50 blades



Box of 100 blades

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Transparent tube of 10 blades



Plastic tag of 2 blades



Plastic tag (double sided)



	weight (kg)	dimensions (mm)	overcarton	overcarton weight (kg)	overcarton dimensions (mm)
box of 100 blades	1,9	322 x 93 x 18	10 boxes	18,9	337 x 205 x 107
box of 50 blades (13mm)	0,95	320 x 47 x 17	20 boxes	19	337 x 205 x 107
box of 50 blades (20mm)	1,6	325 x 62 x 32	9 boxes	14,5	335 x 207 x 117
box of 50 blades (25mm)	1,85	325 x 62 x 32	9 boxes	16,7	335 x 207 x 117
transparent tube of 10 blades (13mm)	0,2	347 x 25 x 15	28 tubes	5,5	370 x 155 x 82
transparent tube of 10 blades (20mm)	0,3	347 x 25 x 15	28 tubes	8,7	370 x 155 x 82
transparent tube of 10 blades (25mm)	0,35	347 x 31 x 18	18 tubes	6,6	370 x 155 x 82
plastic tag of 2 blades (13mm)	0,04	345 x 50 x 3	50 tags	2,2	370 x 155 x 82
plastic tag of 2 blades (20mm)	0,07	345 x 52 x 4	50 tags	3,4	360 x 178 x 72
plastic tag of 2 blades (25mm)	0,08	345 x 65 x 4	50 tags	3,9	360 x 178 x 72

Airsaw Blades





TPI	bulk packing	plastic tube of 10
14	A1-96AA-14-P	A1-96AA-14-PT
18	A1-96AA-18-P	A1-96AA-18-PT
24	A1-96AA-24-P	A1-96AA-24-PT
32	A1-96AA-32-P	A1-96AA-32-PT



TPI	bulk packing	plastic tube of 10
14	A2-97AA-14-P	A2-97AA-14-PT
18	A2-97AA-18-P	A2-97AA-18-PT
24	A2-97AA-24-P	A2-97AA-24-PT
32	A2-97AA-32-P	A2-97AA-32-PT

Application and advantages

The airsaw blades are specially designed for cutting thin sheet metal, they are also suitable for radius cutting. The main area of application of the airsaw blades is the modification of car bodies and trailers.

We offer airsaw blades with three shank variants. Our shanks are compatible with pneumatic tools of all common brands. The blades are made of hi-quality Bi-Metal steel.



TPI	bulk packing	plastic tube of 10
14	A3-97AA-14-P	A3-97AA-14-PT
18	A3-97AA-18-P	A3-97AA-18-PT
24	A3-97AA-24-P	A3-97AA-24-PT
32	A3-97AA-32-P	A3-97AA-32-PT

Mini Hacksaw & Handy Hacksaw





Mini Hacksaw

Our Mini Hacksaw is designed for easier cutting in hard-to-reach places.

The ergonomic grip assures comfortable and safe cutting.

The blade is made of bi-metal steel in order to ensure its flexibility and solidity.

The blade is fixed by a metal screw and pad.

Grip length: 200 mm **Total length:** 320 mm **Specification of blade:**

300 x 13 x 0,65 mm, 24 TPI, Bi-Metal

Order code: MP-01 Weight: 76 g Packing: 10 pcs



Handy Hacksaw

The Handy hacksaw is a tool suitable for smaller cutting operations. Its great advantage, when compared with a classic frame for metal cutting, is the possibility to hold the handy hacksaw in one hand and the cut material in the other (free) hand.

The advantage over the minihacksaw is that the handy hacksaw is intended not only for cutting small parts. The hacksaw blade is not limited by the upper part of the handle and thanks to this, cutting components with a diameter up to ca 120 mm is possible. Combined toothing enables cutting of a broad range of material, from wood to plastic and steel.

The inserted hacksaw blades differ from common ones by having a third clamping hole and are available as a separate item.

Grip length: 110 mm
Total length: 315 mm
Specification of the blace

Specification of the blade:

300 x 25 x 0,75 mm; 24/14 TPI (kombi)

Order code: HH-01

Weight: 87 g
Packing: 10 pcs

Handy Hacksaw - Packing Options





Handy Hacksaw With a Spare Blade

Practical packaging including a second blade for replacement.

Order code: HH-02 Weight: 125 g Packing: 10 pcs



Handy Hacksaw Simply Wrapped

Handy Hacksaw packed in a shrink foil, no paper tag.

Order code: HH-03 Weight: 66 g Packing: 30 pcs



Spare Blades for the Handy Hacksaw

The spare blades are produced with two variants of toothing:

- 24/14 TPI (combi)
- 24 TPI on both sides

Two options of packing are available:

- 2 spare blades on a plastic tag
- 50 spare blades in a plastic box

Order codes:

50 spare blades in a plastic box

- HH-P (combi TPI 24/14)
- HH-RP (24 TPI)

2 spare blades on a tag

- HH S2-P (combi TPI 24/14)
- HH S2-RP (24 TPI)

Power Hacksaw Blades



Application and advantages

Our HSS Bi-Metal power hacksaw blades are compatible with all standard machines.

Special dimensions or design are available upon customer's request.

Choose the right TPI for every size of cut material

14 TPI - for cutting cross-section 3-8 mm

10 TPI - for cutting cross-section 8-15 mm

8 TPI - for cutting cross-section 12-20 mm

6 TPI - for cutting cross-section 20-50 mm

4 TPI - for cutting cross-section 40-150 mm

Sizes (mm)	TPI	TPI	TPI	TPI	TPI	Weight (kg)
300 x 25 x 1,2		6	8	10	14	0,094
350 x 32 x 1,6	4	6	8	10	14	0,144
400 x 32 x 1,6	4	6	8	10	14	0,159
450 x 32 x 1,6	4	6	8	10	14	0,173
400 x 40 x 2,0	4	6	8	10		0,253
450 x 40 x 2,0	4	6	8	10		0,275
500 x 40 x 2,0	4	6	8	10		0,308
550 x 50 x 2,5	4	6	8	10		0,542
600 x 50 x 2,0	4	6	8	10		0,471
600 x 50 x 2,5	4	6	8	10		0,574
650 x 50 x 2,5	4	6	8	10		0,600
700 x 50 x 2,5	4	6	8	10		0,650

Mechanical properties and design

The blades are made of steel grade M2/D6A.

Tooth geometry: standard, rake angle 0° **Teeth hardness:** 64-66 HRC, raker setting

Recommendations for higher lifespan of the blades

Use a suitable cooling during the cutting process. Never start cutting at the material edge.



Private Label



As part of our efforts to support our customers, we also manufacture tools with clients' brands and logos. We produce tools for well-known department stores as well as for renowned tool producers. Designs with custom marking make up the majority of our production, we manufacture tools with hundreds of different markings.

Do not hesitate to contact us with your requirements for private labeling. We will do our best to meet your needs!







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