



Pilana
METAL

*Made in Czech Republic
since 1934*

Hand Hacksaw Blades

Standard products / Production to order (special sizes) / Customized colours and design / Private labels

8% COBALT HSS BIMETAL Hand Hacksaw Blades



Application and advantages of these blades:

Suitable especially for **extra hard** steels up to 1200 N/mm², **stainless steel** and similar materials.

Bimetal high-speed steel, **shatterproof**, dual heat treatment to reduce shocks, effortless sawing, a very long-lasting blade.

The blades are intended for professional use by craftsmen.

Mechanical attributes and design of the blades:

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



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

TPI	blue plastic box of 100 pcs	black 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 BIMETAL Hand Hacksaw Blades



Application and advantages of these blades:

Specially suited for **hard steel** up to 1100 N/mm² and similar materials. Bimetal high-speed steel, **shatterproof**, dual heat treatment to reduce shocks, **multipurpose**, smooth and effortless sawing, long-lasting blade. **The blades are intended also for professional use by craftsmen.**

Mechanical attributes and design of the blades:

Steel grade: DIN 1.3343 (M2)
Teeth hardness: 63-65 HRC
Body hardness: < 50 HRC
Teeth setting: wavy
Sizes: 300 x 13 x 0,63 mm (12 x ½ x 0,025")
Painting: white (RAL 9016)
Printing: blue



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

TPI	blue plastic box of 100 pcs	black 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 BIMETAL Hand Hacksaw Blades – special teeth

Application and advantages of these blades:

VARIABLE TEETH suited specially for faster cutting. The blades cut with the same toothing technology as band saw blades for metal cutting (VARIO).

The blades are intended also for professional use by craftsmen.

Mechanical attributes and design of the blades:

Steel grade: DIN 1.3343 (M2)

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

Painting: white (RAL 9016)

Printing: black



Application and advantages of these blades:

PROGRESSIVE TEETH suited especially for easy start cutting and cutting profiles with different wall thicknesses.

The blades are intended also for professional use by craftsmen.

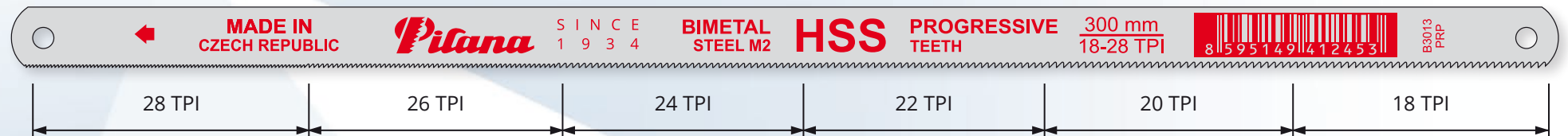
Mechanical attributes and design of the blades:

Steel grade: DIN 1.3343 (M2)

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

Painting: grey (RAL 7047)

Printing: red



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

TPI	blue plastic box of 100 pcs	black 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

3% COBALT HSS FLEXIBLE Hand Hacksaw Blades



The blades are made from cobalt HSS steel strip with a hardened teeth area. Heat treatment creates longitudinal areas with different hardnesses. The teeth that have a hardness of 63-65 HRS are followed by several areas with gradually decreasing hardness. Thanks to this heat treatment method, the blades offer outstanding flexibility.

Application and advantages of these blades:

Suitable especially for **extra hard** steels up to 900 N/mm², **stainless steel** and similar materials.

High speed steel, **flexibility combined with hardness**, unbreakable, high cobalt content, accurate, smooth and safe sawing, an extremely long-lasting blade.

The blades are intended for professional use by craftsmen.

Mechanical attributes and design of the blades:

Teeth hardness: 63-65 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,60 mm (12 x ½ x 0,024")

Painting: blue-green

Printing: white



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

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

HSS FLEXIBLE Hand Hacksaw Blades

The blades are made from HSS steel strip with a hardened teeth area. Heat treatment creates longitudinal areas with different hardnesses. The teeth that have a hardness of 62-65 HRS are followed by several areas with gradually decreasing hardness. Thanks to this heat treatment method, the blades offer outstanding flexibility.

Application and advantages of these blades:

Suitable for cutting various materials up to steel hardness 700 N/mm².

High speed steel, **flexibility**, unbreakability, accurate, smooth and safe sawing, a very long-lasting blade.

Mechanical attributes and design of the blades:

Steel grade: DIN 1.3333 (ABC III)

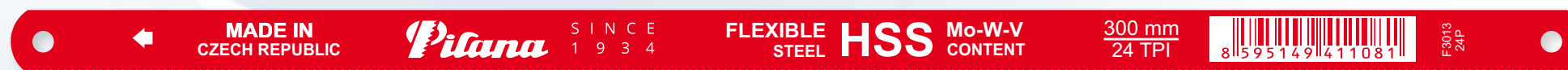
Teeth hardness: 62-65 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,60 mm (12 x ½ x 0,024")

Painting: red (RAL 3020)

Printing: white



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

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

3% COBALT HSS ALL HARD Hand Hacksaw Blades



The HSS ALL HARD blades are made from cobalt HSS steel strip hardened at full cross-section. High hardness of the blades, consistent throughout the whole area, gives the blades extreme rigidity and strength. **The blades are mainly suitable for firmly clamped material.** The annealed ends of the blades prevent the formation of cracks in the clamping holes during cutting.

Application and advantages of these blades:

Suitable especially for **extra hard** steels up to 900 N/mm², **stainless steel** and similar materials.

High speed steel, **NON-FLEXIBLE**, high hardness due to the high cobalt content, accurate, smooth and safe sawing, a very long-lasting blade.

The blades are intended for professional use by craftsmen.

Mechanical attributes and design of the blades:

Teeth hardness: 63-65 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,60 mm (12 x ½ x 0,024")

Painting: blue (RAL 5024)

Printing: black



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

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

HSS ALL HARD Hand Hacksaw Blades



The HSS ALL HARD blades are made from HSS steel strip hardened at full cross-section. High hardness of the blades, consistent throughout the whole area, gives the blades extreme rigidity and strength. **The blades are mainly suitable for firmly clamped material.** The annealed ends of the blades prevent the formation of cracks in the clamping holes during cutting.

Application and advantages of these blades:

Suitable for cutting various materials up to steel hardness 700 N/mm².

High speed steel, **NON-FLEXIBLE**, accurate, smooth and safe sawing, a very long-lasting blade.

Mechanical attributes and design of the blades:

Steel grade: DIN 1.3333 (ABC III)

Teeth hardness: 63-65 HRC

Teeth setting: wavy

Sizes: 300 x 13 x 0,60 mm (12 x ½ x 0,024")

Painting: blue (RAL 5002)

Printing: white



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

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

HCS FLEXIBLE Hand Hacksaw Blades



HCS hand hacksaw blades are made from high carbon steel which undergoes induction hardening heat treatment. The high carbon content allows us to produce blades with the same hardness as HSS steel blades. These blades are not designed for particularly challenging projects, but they are well-suited for Do-it-yourself use. Our factory only uses steel strips manufactured in the Czech Republic, guaranteeing levels of quality in excess of those products from alternative markets.

Application and advantages of these blades:

Suitable for DIY cutting of various materials such as steel, aluminium and other non-ferrous metals, plastic.

FLEXIBLE, smooth, effortless and safe sawing.

Mechanical attributes and design of the blades:

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



Packaging and order codes:

There are four different standard packages of blades, as you can see below:

TPI	orange plastic box of 100 pcs	black 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

HSS TRIMETAL & HSS ALL HARD Double Sided Hand Hacksaw Blades

HSS TRIMETAL blades are produced from a steel strip its body is made from spring steel and welded to it are two HSS wires – one to each side. Hence the name, trimetal. The blades have the same qualities and the same **flexibility** as HSS BIMETAL blades.

HSS ALL HARD blades are made from HSS steel strip hardened at full cross-section and are therefore NOT flexible.

Mechanical attributes and design of the blades:

HSS TRIMETAL FLEXIBLE

Steel grade: DIN 1.3343 (M2)

Sizes: 300 x 25 x 0,63 mm (12 x 1 x 0,025")

Painting: grey (RAL 7047)

Printing: blue

HSS ALL HARD

Steel grade: DIN 1.3333 (ABC III)

Sizes: 300 x 25 x 0,65 mm (12 x 1 x 0,025")

Painting: blue (RAL 5002)

Printing: white



Packaging and order codes:

There are two different standard packages of blades, as you can see below:

TPI	type of blades	white plastic box of 50 pcs	plastic tag of 2 pcs
18	HSS TRIMETAL flexible	T-3025-18-PB	T-3025-18-PE
24	HSS TRIMETAL flexible	T-3025-24-PB	T-3025-24-PE
18	HSS all hard	A-3025-18-PB	A-3025-18-PE
24	HSS all hard	A-3025-24-PB	A-3025-24-PE

HCS Double Sided Hand Hackaw Blades (painted)

Painted HCS hand hacksaw blades are manufactured with standard and combi (combined) teeth numbers.

Application and advantages of these blades:

Suitable for DIY cutting of various materials like steel, aluminium and other non-ferrous metals, plastic.

FLEXIBLE, smooth, effortless and safe sawing.

Mechanical attributes and design of the blades:

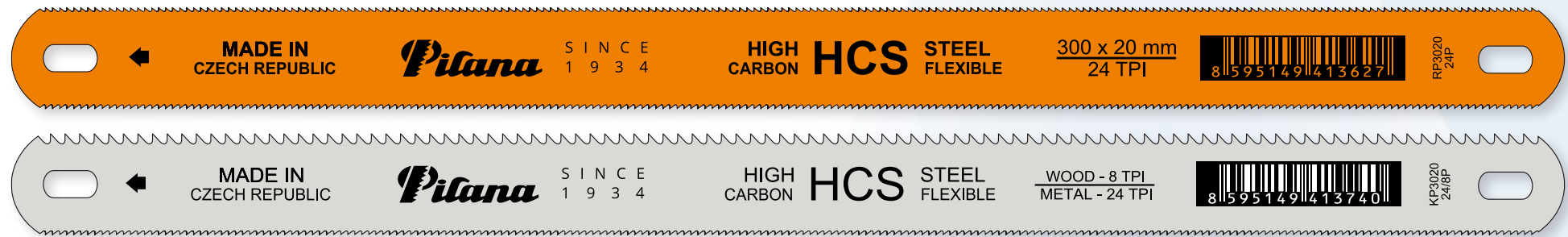
Teeth hardness: 63-65 HRC

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



Packaging and order codes:

There are three different standard packages of blades, as you can see below:

TPI	width	black 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

Hand Hacksaw Blades MYROS SPECIAL

The original brand MYROS SPECIAL covers the range of the unpainted blades that are manufactured according to the Czech state standards ČSN 222950 and ČSN 222951. The blades are induction hardened in oil, which is also a preservative. The blades have a simple design to ensure a low price, but its utility value is comparable with the value of painted HCS blades. 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

Details and pictures of each package option

Box of 100 blades



Box of 50 blades



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

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
- 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.

- The length of the handle:** 110 mm
- The length including the blade:** 315 mm
- The data for hacksaw blade:** 300 x 25 x 0,65 mm, kombi 24/14 TPI, order code for the spare parts: HHS2-P
- Order code:** HH-01
- Packing:** 10 pcs

Hacksaw frames – DIN 6473 type, 300 mm

Heavy duty hacksaw frames made of flat steel bar size 18 x 8 mm with a wooden handle.

Advantages:

Heavy cross bolts on both sides are welded to the steel body.

The blade is fixed by two clasps that can not be lost.

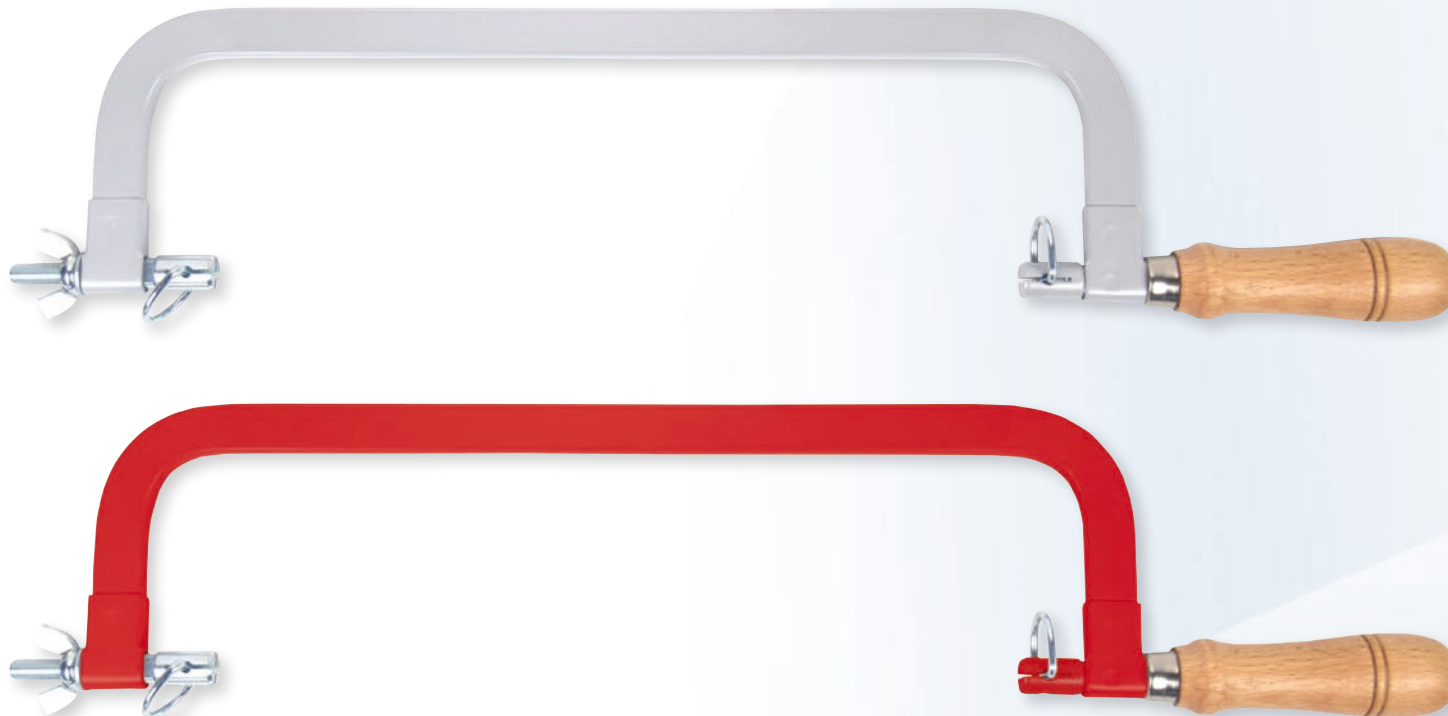
Marking of the blades is undertaken by stamping (including private labels).

A variety of colours are used for painting the frames (powder coating).

Weight of frames: 0,73 kg/pc

Packing: 6 frames into a cardboard overcarton

Weight of the overcarton: 4,7 kg



Custom marking

As part of our efforts to support our customers, we also manufacture tools with client's logos. In addition to highlighting our brand PILANA and MYROS SPECIAL logos and graphics, we denote tools of our customers with their own brands and logos. We produce tools for well-known department stores and acclaimed tool producers. The production with custom marking makes up the majority of our production and includes hundreds of different markings.

We are ready to make a brand not just for big companies, but also for small traders and distributors, who purchase our tools in small quantities. Our care lies not only in the preparation of graphic designs and notation of the tools, but also in the supply of branded labels, packing and pallets. We are ready to help you pick the right colour, marking and packaging for tools featuring your own brand.

Do not hesitate to contact us. We will do our best to meet your needs!

