



PINNED

SCROLL SAWBLADE SELECTION CHART

CHARTÉ D'UTILISATION ET DONNÉES TECHNIQUES



This Chart is a BASE for people who wants to begin scrolling and don't know which blade to select for their project, based on the wood type to cut [1], the thickness of it [2], the pattern [3], the expected finish [4] or the hole size to drill for inside cuts [5]. With the experience, the scroller will have their own preferences, which may be different from our recommendations.

Experienced scrollers will want some more technical information, such as blade dimensions or as the trace each blade will produce. This will help to find the best blade to complete a specific project. We wish you great pleasure with the Pégas® blades and invite you to share with us your comments: pegas@scies.ch; pegas@grobetusa.com.

Cette charte est une BASE pour les personnes débutantes en chantournage ne sachant pas quelle lame choisir selon le type de bois à scier (1), son épaisseur (2), le style de découpe à exécuter (3), la finition attendue (4) ou encore le trou à percer pour des découpes intérieures (5). Au fur et à mesure de votre expérience, vous vous ferez votre opinion et aurez vos propres préférences qui peuvent différer de cette charte.

En tant que chantourneur confirmé, vous recherchez des informations plus techniques, telles que les dimensions et lames ou encore la trace laissée par chaque lame. Vous pourrez ainsi trouver la lame qui s'adapte parfaitement à la réalisation de vos projets. Nous vous souhaitons beaucoup de plaisir avec les lames Pégas et vous invitons à nous contacter pour d'éventuelles remarques : pegas@scies.ch; pegas@grobetusa.com





SCROLL SAWBLADE SELECTION CHART
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Model part #	Univ. Nbr	Blade Thick [mm]	Blade Width [mm]	Nbr of Teeth per cm [Z/cm]	KERF [mm]	[1] Selection end of chart							Optimal Thickness for recommended material [mm inch]	[3]			[4]		[5]
						HARDWOODS	MEDIUM HARDWOODS	SOFTWOODS	PLYWOOD	CORIAN - PLASTICS	Alu., Brass, Copper, ...	Ferrous METALS		Intricate cuts	Tight turns	Light turns	SURFACE finish	UNDERSIDE finish (splitters)	Drill size [US]
PINNED REGULAR (5"/127mm):																			
Same as Regular 5 & 6" but WITH PINS.																			
90.475	20TPI	0.50	3.00	7.9	0.72	☹	☹	😊	😊	😊	😊	☹	4 - 30mm 1/6" - 1 1/6"			X	++	+	4.8
90.476	15TPI	0.50	3.00	5.9	0.72	☹	☹	😊	😊	😊	😊	☹	5 - 35mm 1/5" - 1 3/8"			X	++	+	4.8
90.477	10TPI	0.50	3.00	4.0	0.72	☹	☹	😊	😊	😊	😊	☹	8 - 50mm 1/3" - 2"			X	++	+	4.8
90.478	25TPI	0.25	2.00	10.0	0.40	☹	☹	😊	😊	😊	😊	☹	3 - 20mm 1/8" - 4/5"			X	++	+	4.8
PINNED SKIP (5"/127mm):																			
The large and flat skip between teeth gives a good chip remove and therefor reduces the overheating. Good blade for fast cuts with easy patterns.																			
90.480	9TPI	0.50	3.00	3.6	0.72	😊	😊	😊	😊	😊	☹	☹	10 - 60mm 2/5" - >2"			X	++	+	4.8
90.481	18TPI	0.25	2.00	7.1	0.36	😊	😊	😊	😊	😊	☹	☹	4 - 30mm 1/6" - 1 1/6"			X	++	+	4.8
PINNED HOOK (5"/127mm):																			
Special scroll saw blade with extra wide gullets for rapid cutting. This blade works like a miniature band saw blade.																			
90.485	7TPI	0.50	3.00	2.8	0.74	😊	😊	😊	😊	😊	☹	☹	10 - 75mm 2/5" - 3"			X	++	+	4.8

😊	Recommended use	😊
☹	Possible use	☹
☹	Not really recommended use	☹

+ = Medium
++ = Good
+++ = Excellent

General Informations

The smaller the blade number is, the smaller radius it will cut.
The smaller the blade number is, the narrower the TRACE will be.
Before starting a new project, ask yourself these questions:

- What type of wood am I cutting?
- How thick is the piece of wood?
- How thin does the cut line need to be (Puzzle, Intarsia)?
- What finish do it need?

[1] Wood classification by hardness

HARDWOODS : Beech, Bloodwood, Bocote ; Bubinga, Canarywood, Cocobolo, Ebony, Elm, Hickory, Hornbeam, Jatoba, Leopardwood, Lyptus, Marblewood, Mora, Oleaster, Purplheart, Rosewood, Wenge, Yellowheart, Zebrawood.
MEDIUM HARDWOODS : Ash, Black Cherry, Cherry, Eucalyptus, Limba, Macacauba, Mahogany, Maple, Nogal, Oak, Padauk, Redheart, Sapele, Teak, Tzalam, Walnut.
SOFTWOODS : Alder, Balsa, Basswood, Birch, Black Willow, Chestnut, Cedar, Cypress, Fir, Larch, Pine, Poplar, Redwood, Spanish Cedar, Spruce.