

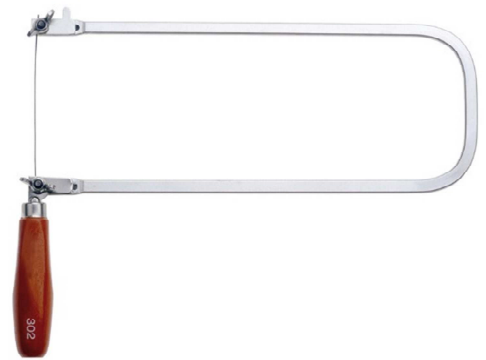
FRET SAW

Suitable for: Wood

Family: Cutting tools

DESCRIPTION AND FUNCTION

- It is used for cutting thin pieces of wood.
- Both tools consist of a thin steel blade, stretched between the ends of a c-shaped metallic frame to which a handle is attached.
- Compared to other saws it has a thinner blade, smaller teeth (up to 32 teeth per inch).
- This allows tight curves to be cut, but they are also much more fragile than other saws.
- Blades may have different shapes. The most common ones are flat blades (useful to make thin straight cuts) and spiral blades (thicker but ideal to make curve-shaped cuts).



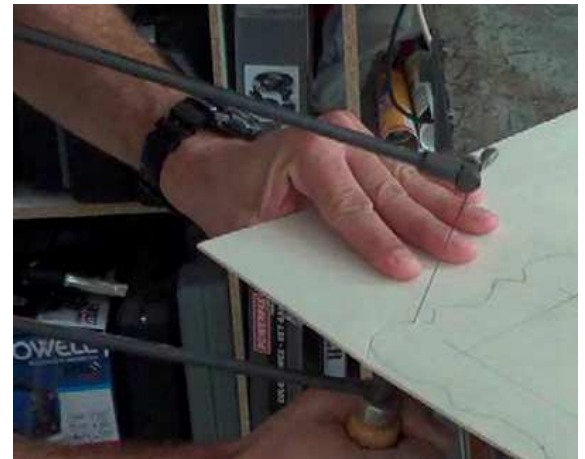
Flat blade



Spiral blade

USAGE RULES AND MAINTENANCE

- Fret saw blades must be installed with the teeth pointing towards the handle.
- Fret saw blades are removable by partially unscrewing two wing screws at the end of the frame.
- Before start, cutting you must use a pencil to draw the lines you are going to use as reference.
- When you start cutting, make sure the blade saw forms a convenient angle with the material being cut, the top of the frame has to be slightly ahead.
- The speed must be constant and not too fast.
- Do not put pressure on the return stroke (that would jam the blade)
- Try to use as much length of the blade as possible.
- You must follow the outside side of the marked line to make the cut.
- Once you have finished cutting you can use sand paper or even files to remove any excess of wood.
- Cutting must be done carefully because it is difficult to keep the tool over the line previously marked, since the blade tends to bend.



SAFETY RULES

- Being a cutting tool, you can not play with it or use it for other purposes than sawing.
- Before cutting ensure that the material to be cut is firmly secured to avoid movements and vibrations.
- Keep distance between the blade and the person using the tool.
- Always use the saw with caution and avoid sudden movements during sawing.

Straight: Recto **spiral:** Espiral **Wing screw:** Palomilla **Thin:** Fino **Thick:** Grueso