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	*	*	*
		220/cm ²	180/cm ²
Coarseness			
	LS-6060-23	LS-6160-23	LS-Pierre-Faux



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STAY SHARP

A GUIDE FOR KEEPING YOUR BAHCO TOOLS IN TOP CONDITION



Which grinding stone for which tool?

	**	*	**	**	**
	**	*	*	*	***
	***	**	**	***	***
	**	***	***	**	**
	***	**	**	***	***
		320/cm ²	400/cm ² 180/cm ²	220/cm ²	Tungsten-carbide sharpener
Coarseness					
	LS-Pierre Corindon	LS-Combiness	LS-Triangle	LS-Natural	Sharp-X

Highly recommended ***
Recommended **
Acceptable *





CARING FOR BAHCO PRUNING TOOLS

Keep your pruning tools sharp for optimum plant health while minimizing fatigue. A little maintenance at frequent intervals will keep the cutting edges of your Bahco pruning tools razor sharp. Cleaning and oiling will keep their actions smooth and fast.

Four steps to maintain your Bahco pruning tools

1. Cleaning

Moisten a rag with SAP-X until it feels damp. Wipe sap and debris from the blade and counterblade.

Wipe the blades with an oily rag coats them with a layer of oil for added rust protection.

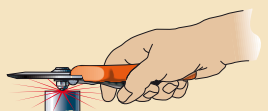


2. Adjusting

Tweak the pivot bolt to increase or decrease the friction. The tool should always spring open as soon as the lock is released.

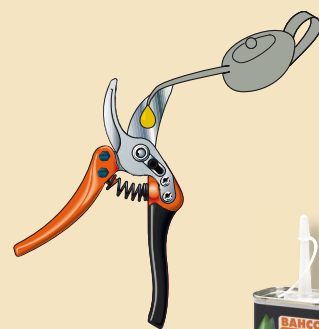


After adjusting, tap the end of the bolt-shaft sharply on a solid metal surface. This will jolt the bolt within the hole and separate the blades correctly.



4. Oiling

Put a few drops of Bahco Eco-Lube 100 onto the blade and let them soak towards the bolt.

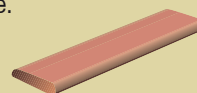


3. Sharpening Secateurs and Loppers

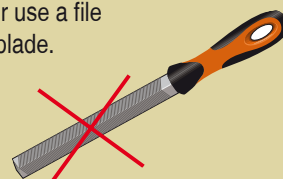
Use a Tungsten-carbide sharpener to keep the blade razor sharp during the day.



Use a coarse stone to take away notches and a fine grained stone to finish the cutting edge.



Important: never use a file to sharpen the blade.



Hold the secateur or lopper as shown and stroke the blade 5 times in the direction of the arrows

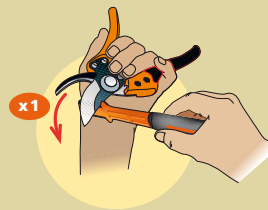
The stroke

Start at the base of the cutting edge and stroke outwards and off the tip of the blade. Apply light pressure. Never saw or rub.



The sharpening angle

Hold the sharpener or the stone in a natural and comfortable wrist position. Bring the blade to the sharpener and control the angle by tilting the secateur or lopper.



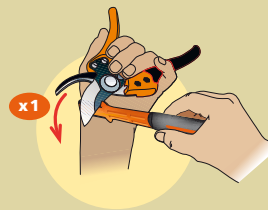
A. Sharpen

Work on the honing angle with 5 strokes.



B. Deburr

Remove burrs with one light stroke on the back side. Keep sharpener or stone almost flat or with a slight angle of 10 degrees.



GOOD



BAD



C. Keep the curve

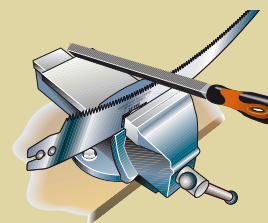
The curve of the blade is important. It makes cutting easier by causing a slicing effect. If your blade becomes flat or uneven, consider replacing it with a new one.

SHARPENING BAHCO PRUNING SAWS

Sharp teeth reduce the energy needed to make fast-healing clean cuts. To maintain razor sharp teeth, maintenance should be undertaken at regular intervals.

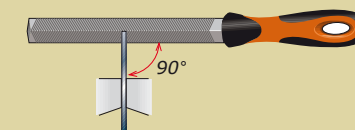
Sharpening Pruning Saws

Clamp the saw blade, teeth up in a bench vice. Hold the file firmly in one hand and steady it by holding the tip with the other.

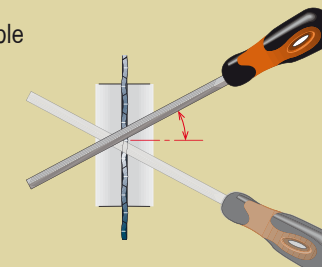


Always hold the file horizontal in a position which feels comfortable.

Angle the file by moving your entire body and not just the file.

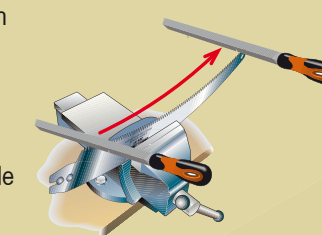


If you are filing in a comfortable and stress free position, the angle will tend to remain constant.



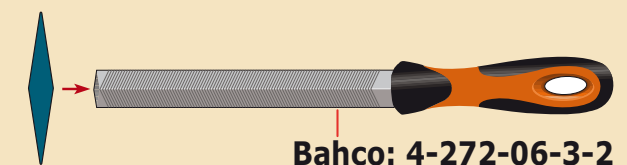
Apply 2 – 3 light-to-medium pressure strokes per tooth.

First, file one side of the teeth over the length of the blade (move the side in the vice to dampen vibrations). Then, change your body position to angle the file for the other side of the teeth and repeat along the blade length. Turn the blade in the vice and repeat for the other side.



What file to use?

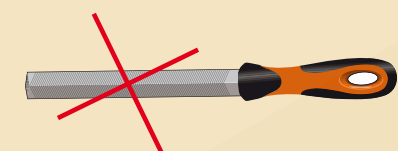
The Bahco 4-272-06-3-2 ergonomic saw file has been specially designed for sharpening saw teeth.



NOT ALL SAWS CAN BE SHARPENED!

Hard Point saws

Some gardeners prefer to use Bahco "Hard Point" saws. Hard Point saws can cut 4 times more than fileable blades without becoming blunt, but they are too hard to be sharpened with a file and must be replaced once they are dull.



Hard Point teeth are coloured dark blue by the heat treatment.

Fileable saws

For professionals who prefer to re-sharpen their saws, Bahco maintains a full range of "fileable" blades.

Fileable teeth are metal grey coloured.

