



How to Use a Bullnose Plane and Rebate Plane

In this video, you will learn how to use a Bullnose Plane and a Rebate Plane.

The combination Bullnose and Rebate plane combines two shoulder planes with blades that allow trimming right up to the edge of a workpiece.

The 'rebate' or 'rabbet' plane is a hand plane designed for cutting step-shaped recesses such as rebates, tongues and short tenons.

A Bullnose Plane is similar to a rebate Plane, but with a short nose that allows planing all the way into a stop or corner.

The tools that you will need are a pencil, a marking gauge, a combination bullnose and rebate plane, a chisel, a mallet, a vise and a ruler.

The materials you will need are a workpiece and a piece of scrap wood.

This common combination plane is fitted with a rebate Plane in the rear position and a Bullnose Plane in the front position.

Rebate Plane.

Bullnose Plane.

In the rebate plane, the blade is gripped by a lever cap that is adjusted with a thumb screw.

The blade and the lever cap are held in position with a regular flathead screw.

The blade has some slots in the back that coincide with the tooth mechanism at the end of the depth adjustment lever.

The lever can be pulled up or pushed down to adjust the depth of the blade.

The adjustable fence can be fitted on either side of the plane to set the width of the rebate.

The 3 spurs on the side can be used to help work across the grain by scoring the fibres of the wood in front of the Cutter, providing a clean finish to the rebate.

The removable depth gauge effectively locks the planer from cutting beneath a certain depth.

The blade is slightly wider than the body of the plane, allowing it to cut right into a corner.

Hold the handle at the back of the plane with your dominant hand and use the other hand for stability by applying lateral and downward pressure.

Swap hand functions to plane in the opposite direction.

It is generally more effective to position the side of the plane with the larger bearing surface against the wall of a rebate.

To make a Rebate, first, use a marking gauge to scribe along the width of the groove that is to be planed.

Use a pencil to highlight the line.

Tilt the plane slightly and place the corner of the plane into the scribed line for a resting place.

Keeping the corner of the blade inside of the V-shape, start working with the plane held perpendicular, all the way down to the desired depth.

When using the Bullnose position on the plane, follow the same steps, working your way towards the end of a stopped rebate.

Use a chisel to refine the end.

To adjust the blade in the Bullnose plane, you can loosen the thumbscrew and slightly tap the top of the blade until you get the right shaving.

The key to tuning any rebate plane is aligning the iron both with the sole and with the side of the plane that makes contact with the reference side.

To do this, slacken the blade and lay the plane with its side against a known flat surface.

Apply pressure on the blade and tighten it into its position.

You have now learned how to use a Bullnose and rebate Plane.

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