

Sharpening Lathe Tools

Key words:

Bevel
Chisel back
Sand paper
Honing
Whetstone

Resources:

Gouge chisel
Sand paper
Whetstone
Grinder

Step One:

Identify a blunt plane, to do this look at the bevel of the chisel toward a light source. If you cannot see the edge of the bevel then the chisel is sharp. If you can see an edge then it requires sharpening.

Step Two:

Honing the bevel

Grind the bevel; you can either grind the bevel on a grindstone, ensuring you keep the bevel keep rolling the tool to keep the bevel rounded. You need to get an even bevel the whole way across the blade and there should only be one angle. If you use a whetstone then you need to roll the bevel up and down the stone evenly (so that you don't wear the stone incorrectly) continue this until you are happy that you have an even single edge bevel. Take note not to remove the ears of the bevel, which will reduce effectiveness.

Step Three:

Remove any burrs with a piece of leather or a soft bit of timber such as pine.

Step Five:

Now look towards a light source with your chisel and you should not be able to see an edge, once this is achieved you have correctly sharpened your plane blade.