

## User instructions for ref: CSP3, CSP4 and CJP5

### Blade Sharpening

- For best results, the blade (sometimes otherwise referred to as ‘the cutter’, or ‘the iron’) on this product requires sharpening prior to use.
- This requires removing the blade by raising the lever on the iron cap (sometimes otherwise referred to as the ‘lever cap’) (**fig 1**).
- Unscrew the cap iron screw until loose and remove the cap iron from the blade (**fig 2**).
- This product is supplied with a blade ground angle of 25° and should be honed to 30° (**fig 3**).
- Use thin machine oil to lubricate a flat oil stone and place the 25° bevel flat on the stone, raising the blade 5° to the 30° honing angle.
- Using a figure of eight movement to distribute wear evenly, sharpen the blade.
- Once a burr has formed at the edge of the blade, turn it over and re-position the cutter to sit flat against the oil stone with the bevel facing up. Gently sharpen to remove the burr.
- Ensuring the cap iron is parallel to the blade, re-attach the cap iron to the blade and tighten the cap iron screw (**fig 4**).
- Place the re-assembled blade into the body of the plane and secure the lever back into position.

### Quick Tips

- The brass adjusting nut can be used to alter the depth of cut.
- When planing softwood, set the cap iron 2mm back from the cutting edge.
- When planing hardwood, set the cap iron as close as possible to the cutting edge.

### For Best Results

- Keep shaving thickness to a minimum.
- Ensure that the plane base is maintained in line with the workpiece.
- At the start of the stroke, apply pressure to the top of the plane. Adjust this pressure to the heel of the plane towards the end of the stroke.
- At the end of each cutting stroke, lift the plane from the workpiece before the next stroke.
- This product should be used to plane in the direction of the wood grain. When planing end grain, work from edge to middle.
- Candle wax can be used for ease of movement if required; simply rub the wax into the base of the plane.

### Product Care

- Keep the blade sharp, and oil metal parts when not in use.
- Do not use other metal objects to clear shavings from the plane.
- When not in use, lay the plane on its side to protect the blade.

