

# SLIMLINE POCKET KNIFE KIT

## MAKING INSTRUCTIONS



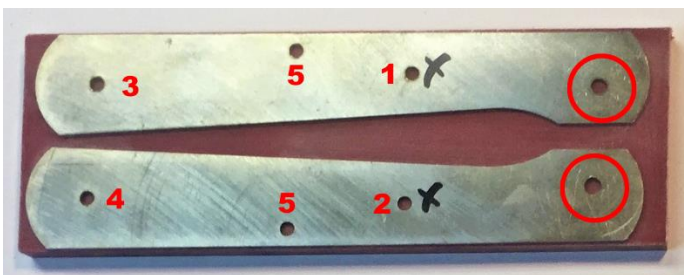
### SOME GENERAL TIPS BEFORE STARTING

Line your vice jaws with some leather, helping to prevent damage to your scales.

**Part 2** will need to be cleaned and polished in advance of construction.

**Part 6** is Red Paper Micarta a very durable material and is 5mm thick.

The drills annotated are not supplied. (They can be purchased from our online shop).



**Parts 4 and 5** have been punched out and need some attention. The metal that comes into contact with the scale material **Part 6** needs keying to give a good bond, also treat the scale material likewise.

**Holes 1 and 2** are not to be used and the **areas circled** need some special attention and will need to be rubbed down, to give a fine finish that will ensure a smooth-running action.

The brass 2.5mm rod **Part 7** is a very tight fit. A small drill could snap if it binds.

**Holes 3, 4 and 5** will need a small amount of easing with a round needle file, working from both sides testing until the brass rod passes through.





Mix up a small batch of Epoxy Resin and coat all three surfaces. Remove any resin from the holes to make drilling easier, clamp together, leaving for 24 hours to fully cure.

It is advisable to use a pillar drill to make sure when you drill the holes they are at right angles to the scales.

Use a 3mm drill to take **part 3** and 2.5mm drill for the brass rod **part 7**.

Turn over and using a 4.5mm drill to make a counter sink about  $\frac{3}{4}$  of the depth. Be careful not to drill right through.

Then cut the scales out, taking care not to get too close the metal liners.



Join together and start filling down by hand, and then switch to a power sander to speed up the process, taking extra care not to damage or remove any metal.



Separate the scales and lay down with the brass pin and one half of the pivot pin as shown. Please note the scales are now sanded back to the metal

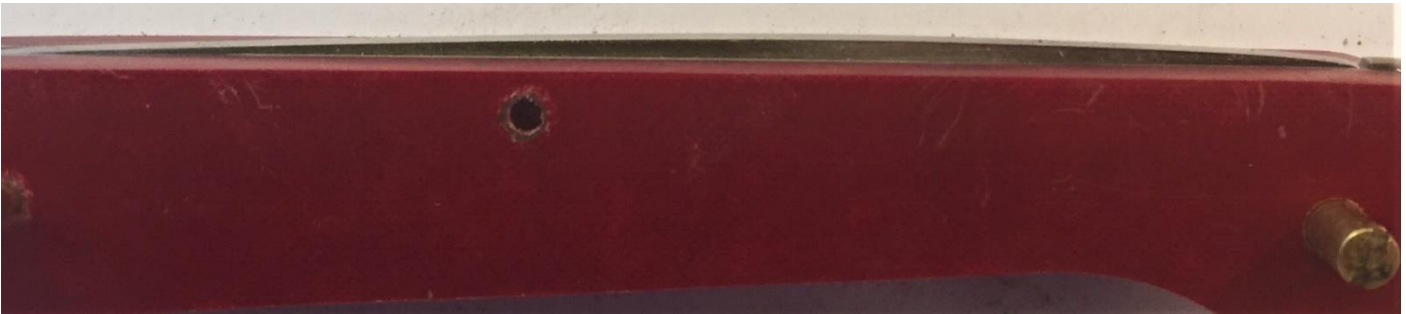


Position the spine **part 3** that has been pre polished and apply a very small drop of oil.





Apply another drop of oil to the heel of the blade **part 1**. Then position the other scale on top and squeeze together and tighten the pivot pin. The top of the spring **part 2** will now protrude, as shown below.



Slowly tighten your vice until the spine is level with the top of the metal of the liners.

This will align the two sets of holes allowing you to inset the very tapered pin.



Make sure the pin is straight, and as soon as the point comes through, gently tap it, right through close to the scale. Take the knife out and test the action. Adjusting the pivot pin as desired.





Trim off the central pin leaving a reasonable amount showing.

All of the pins now need to be glued in using a slow setting super glue such as Zap-a-Gap.

Retract the brass pins back about 3mm below the surface of the scales, apply a small drop of glue and push back them back.

Also put a small drop into the pivot pin thread, and retighten to the final action required.

File back all pins to the surface of the scales. Use a least a 240grit sanding medium (Abranet is perfect) to get the scales rounded to suit your style of handle.

Move down the finer grades of sanding medium to give a final finish.

