



Assembling the Prokraft Ayres Pencil kit

**Drill size for tube = 10.7mm (Sie DRL)
Bushing Set = SieBSH**

You will require a blank at least 56mm long drilled out to 10.7mm. Once the brass tube has been glued into the drilled blank it can be turned using a bushing set either on a mandrel or between centres as you prefer.

Once you have finished your blank the pencil kit can be assembled as follows:

1] Place your chosen pocket clip (either the standard one supplied or one of our optional extras) over the heel assembly and press into the heel end of your finished blank.

2] Screw the pencil mechanism into the pencil tip assembly

3] Push the pen blank and heel assembled above onto the pencil mechanism and push home until the front of the blank meets the nib assembly

4] The pencil lead can be extended and retracted by twisting the 2 halves of the pencil in either direction. If you find the mechanism comes unscrewed instead of retracting the lead the mechanism need to be slightly tightened. To do this place the pen, nib down on a hard surface and extend the lead until it hits the surface and continue to apply slight pressure – this will tighten the mechanism in the nib assembly – do NOT use excessive force or you may damage the mechanism

5] To replace the pencil lead unscrew the mechanism from the nib section and twist the mechanism clockwise as if extending the lead. When fully extended the small brass lead holder will protrude – and finally a small brass pin which will eject the small part of remaining lead. Twist the mechanism back to withdraw the pin, re-insert a new lead into the brass holder and screw anti-clockwise to retract the lead back into the mechanism, then re-attach to the nib section.

6] The mechanism is fitted with an eraser however we do not recommend the mechanism be removed from the back section multiple times as it may eventually affect the fit of the kit. The small rubber can be removed and kept loose in the heel cap for use if required.

Your pencil is now finished and ready for use.

After assembly the nib ring part can be changed for a more decorative version available separately. Please note the body colours are NOT interchangeable with the Ayres pen kit.

ADDENDUM:

Using the supplied brass tube the eraser part will be inside the tube and will need to be removed manually to use. The eraser can be exposed permanently by shortening the tube by 5mm.

If there is any difficulty in securing the mechanism thread into the nib we recommend a small dab of thread lock (Loctite / Everbuild etc) to secure it – please ensure you use a removable strength compound.

We hope you enjoy making and using this unique pencil kit