

RE-POINTING OF TOOLS

1. Forging

Heat tip of tool (approx 1½"/35mm) up to 950°C (bright red to orange).

Forge quickly and on completion cool preferably in oil. Do not allow temperature to fall below 750°C during forging.

2. Hardening

Heat a slightly larger portion of the cutting end of the tool (approx 2"/50mm) to about 800/810°C (cherry red) and quench the point only into water at the same time agitate the tool to ensure rapid cooling.

It is advisable immediately after quenching that the tool be tempered at 260/280°C for approximately two hours then allow to cool to ambient temperature.

Light grinding should then be carried out to ensure that all sharp edges around the cutting edge are removed to eliminate stress.

Remember: There is a serious risk to health and safety to use percussive tools in a blunt and worn condition. It is the users responsibility to ensure tools are kept in a safe and workable condition.