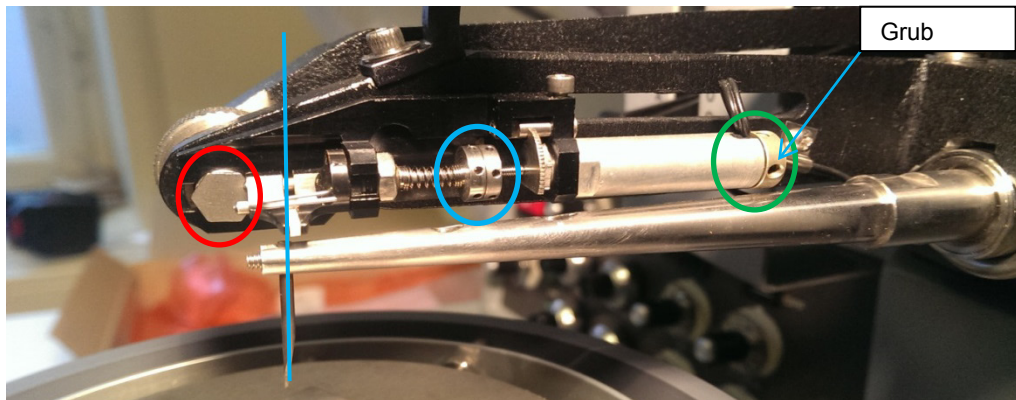


- SCOPE: Adjusting deep access wire clamps (90 degree feed) on Micro Point Pro & Kulicke and Soffa (K&S) Manual Wire Bonders.

- Adjust deep access (90° feed) clamps with machine switched on.



- **Red Circle – Lateral Position Adjustment**

This locking nut holds the clamp assembly in place. Loosen using a 1/4" spanner to perform any lateral adjustments to the clamp.

- **Blue Line – Clamp to Tool Alignment**

Align rear fixed clamp (with clamp held open) to the tool hole. Align the rear clamp such that the wire does contact the fixed clamp; this will allow straight, drag free motion in the wire during bonding. Clamp assembly should be perpendicular to bonding tool.

- **Green Circle – Solenoid to Transducer Distance**

Set TAIL dial to 10 to lower clamp arm to minimum. Adjust clamp assembly such that solenoid body close as possible to transducer without touching (approx. 1 – 2 mm). Tighten locking nut (red circle) to secure assembly.

- **Blue Circle – Clamp Force Adjustment**

Loosen rear locking nut. Adjust force setting via front sprung nut. Compressing spring will increase closed clamp force. Force adjusted such that wire breaks cleanly without slipping through closed clamps.

- **Grub Screw – Clamp Gap Adjustment**

Loosen 2 x grub screws on the gap plate on solenoid rear. Push solenoid rod (with clamps closed) forward to desired clamp gap is achieved. Tighten grub screws. Test solenoid operation using CLAMP toggle switch on machine. Clamp gap typical set to 2 - 3 wire diameters.