

# Inside Ring Engraving Machine

Ref. 106.620

## Instructions for use

### Select the required template

This machine is supplied with a standard template with numerals and an English alphabet. Using the upper side, letters up to 1.3 mm in height can be engraved while with the reverse side the engraved letters can be up to 0.8 mm in height. Before engraving, select a suitable size and style of letter.

### Holding the ring

Insert the ring (N) into the grooves of the three self-centring fibre jaws (E) and tighten by turning the knob (C) clockwise to rotate the chuck disk (H) as shown in Fig. 2. The jaws have narrow and wide grooves for different sizes of rings. Reverse the jaws when necessary by loosening the locking nut (D) as illustrated in Fig. 3. When engraving the inside of a ring with a stone, place the stone between the two jaws with the largest spacing.

### Engraving rings

1. Before engraving, decide on the starting position of the first character according to the stone, carat mark, etc. on the ring (N). To do so, rotate the ring in the fibre jaws (E) by raising the lever (F) as far as the stop of the adjusting screw (R). The lever is shown in Fig. 1 and Fig. 4 (F).
2. The template (J) is released by pushing forward the release lever (I) as illustrated in Fig. 1 and Fig. 5. Turn the dial either clockwise or counter clockwise with your left hand and lock the first character to be printed on the dial in front of the stopping pin (B) see Fig. 6. Push down the lever (F) to bring the diamond cutter (O) into contact with the inside of the ring and press down on the stylus cap (L). Once this is done, trace the grooves of the character on the template with the tip of the stylus (M) as shown in Fig. 6.
3. To achieve a neater result, trace the letters with the tracing stylus (M) as shown in Fig. 7 and Fig. 8 rather than as shown in Fig. 9.
4. After tracing one letter, raise the lever (F) until the stop of the adjusting screw (R) hits the baseplate and gently release. The ring in the ring chuck (H) turns and the space between the characters will automatically be set. At the

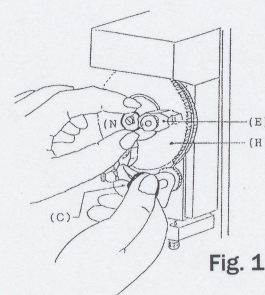


Fig. 1

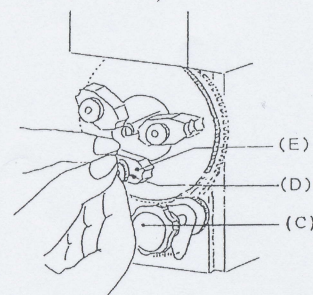


Fig. 2

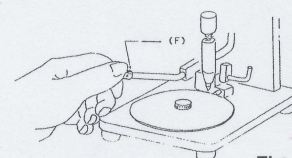


Fig. 3

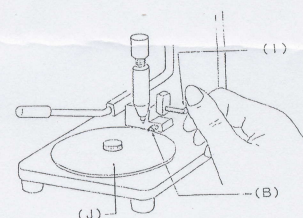


Fig. 4

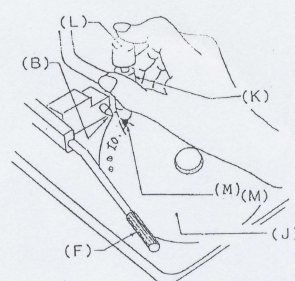


Fig. 5

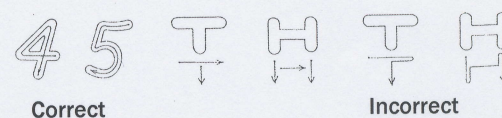


Fig. 6