

# Disc Cutter

## **1. Slicing specimen discs**

- (a) The specimen cylinder, inserted into a brass tube, is fixed on the disc cutting tool
- (b) A thin-blade diamond saw is used to slice the cylinder into discs of around 400 $\mu$ m thick

## **2. Polishing specimen discs**

- Precision Disc Grinder is used to grind each disc flat on both sides, to a thickness of approximately 80 $\mu$ m
- While lapping (polishing), the thickness of the sample is checked using a micrometre screw gauge