

CAMBRIDGE INTERNATIONAL EXAMINATIONS
Joint Examination for the Higher School Certificate
and General Certificate of Education Ordinary Level

METALWORK

PAPER 2 Practical Test

6040/2

OCTOBER/NOVEMBER SESSION 2002

3 hours

Additional materials:
As listed in Instructions to Supervisors

TIME 3 hours

INSTRUCTIONS TO CANDIDATES

Please see page 2.

INFORMATION FOR CANDIDATES

All dimensions are in millimetres unless otherwise stated.

This question paper consists of 4 printed pages and 2 blank pages.

From the materials supplied you are to make the HOLE CUTTER shown in the drawing.

All dimensions are in millimetres.

The following material is supplied:

- Part 1 One piece bright drawn mild steel 16 diameter x 15 long. Both sides faced and lightly chamfered.
- Part 2 One piece bright drawn mild steel 6 diameter x 60 long. Both ends lightly chamfered.
- Part 3 One piece bright drawn mild steel 16 x 12 x 36 long. Both ends squared.
- Part 4 One piece bright drawn mild steel 16 x 3 x 92 long. One end squared.
- Part 5 One piece bright drawn mild steel 16 diameter x 26 long, prepared prior to the examination.
- Part 6 One piece bright drawn mild steel 20 x 10 x 32 long. Both ends squared.
- Part 7 One piece bright drawn mild steel 6 diameter x 28 long prepared prior to examination.
- Part 8 One piece bright drawn mild steel 6 diameter x 14 long. Both ends lightly chamfered.

Two x M6 x 12 cheese head or round head screws.

One Ø10 x 1 washer.

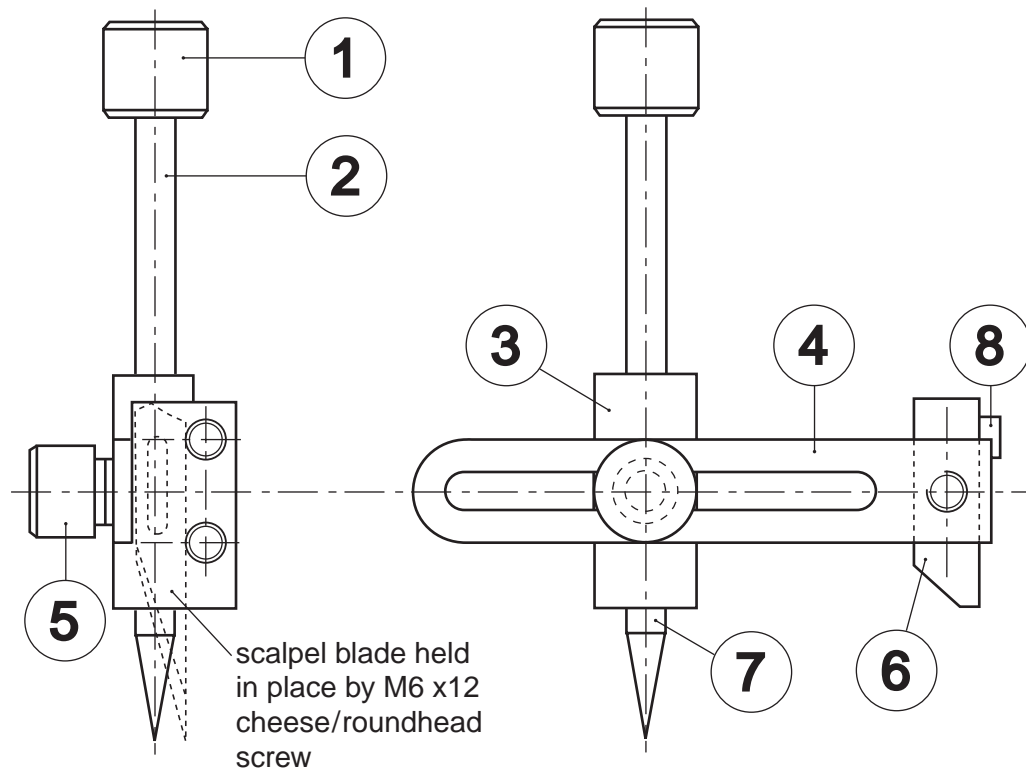
One bag in which to enclose work.

Two tie on labels.

Notes

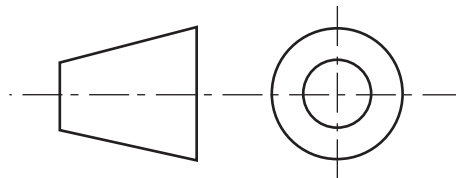
Working Procedures

- A Part 2. One end is push fit to Part 3
- B Part 7. Push fit to Part 3
- C Part 4. May require drawfiling to ensure sliding.



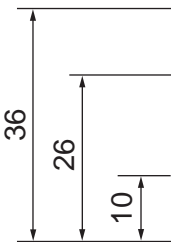
HOLE CUTTER

Dimensions in millimeters



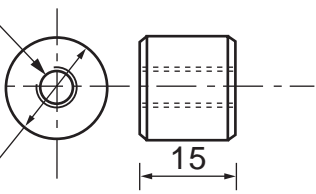
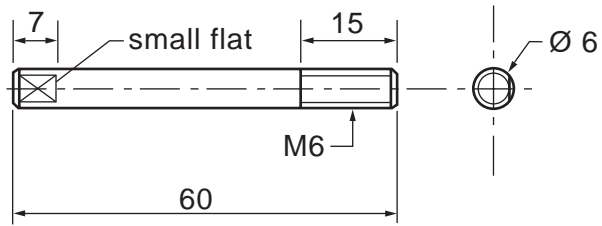
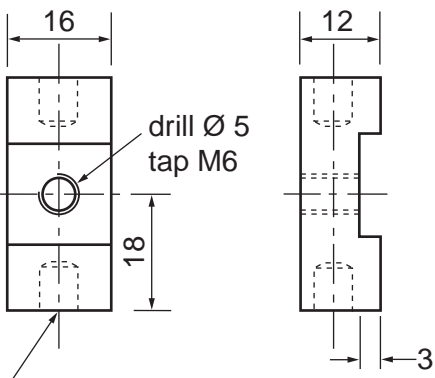
M6 hole

D16

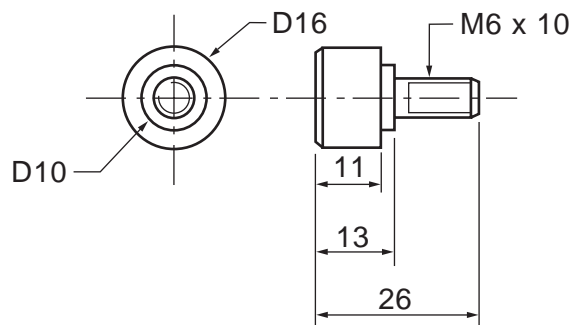
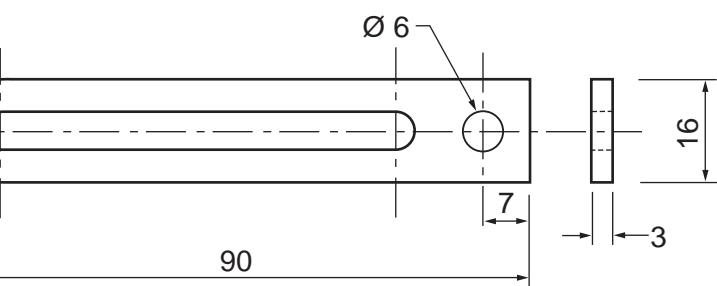
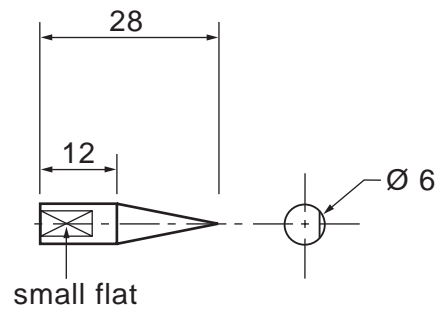
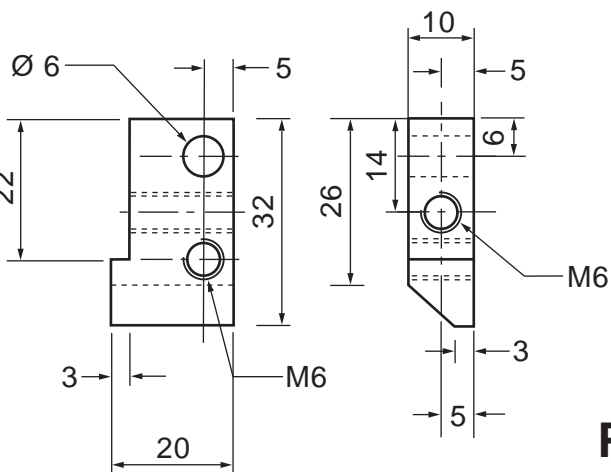
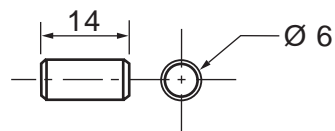


R3

R8

**PART 1****PART 2**

both ends drilled
Ø 6 8 deep

PART 3**PART 5** (supplied)**PART 4****PART 7** (supplied)**PART 6****PART 8** (supplied)

