

445/2  
METALWORK  
Paper 2  
(PROJECT)  
January to July 2026



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**  
**Kenya Certificate of Secondary Education**  
**METALWORK**  
**Paper 2**  
**(PROJECT)**

### **INSTRUCTIONS TO CANDIDATES**

**Using the materials provided, fabricate the COINS' JAR as shown in the working drawings.**

#### **NOTES:**

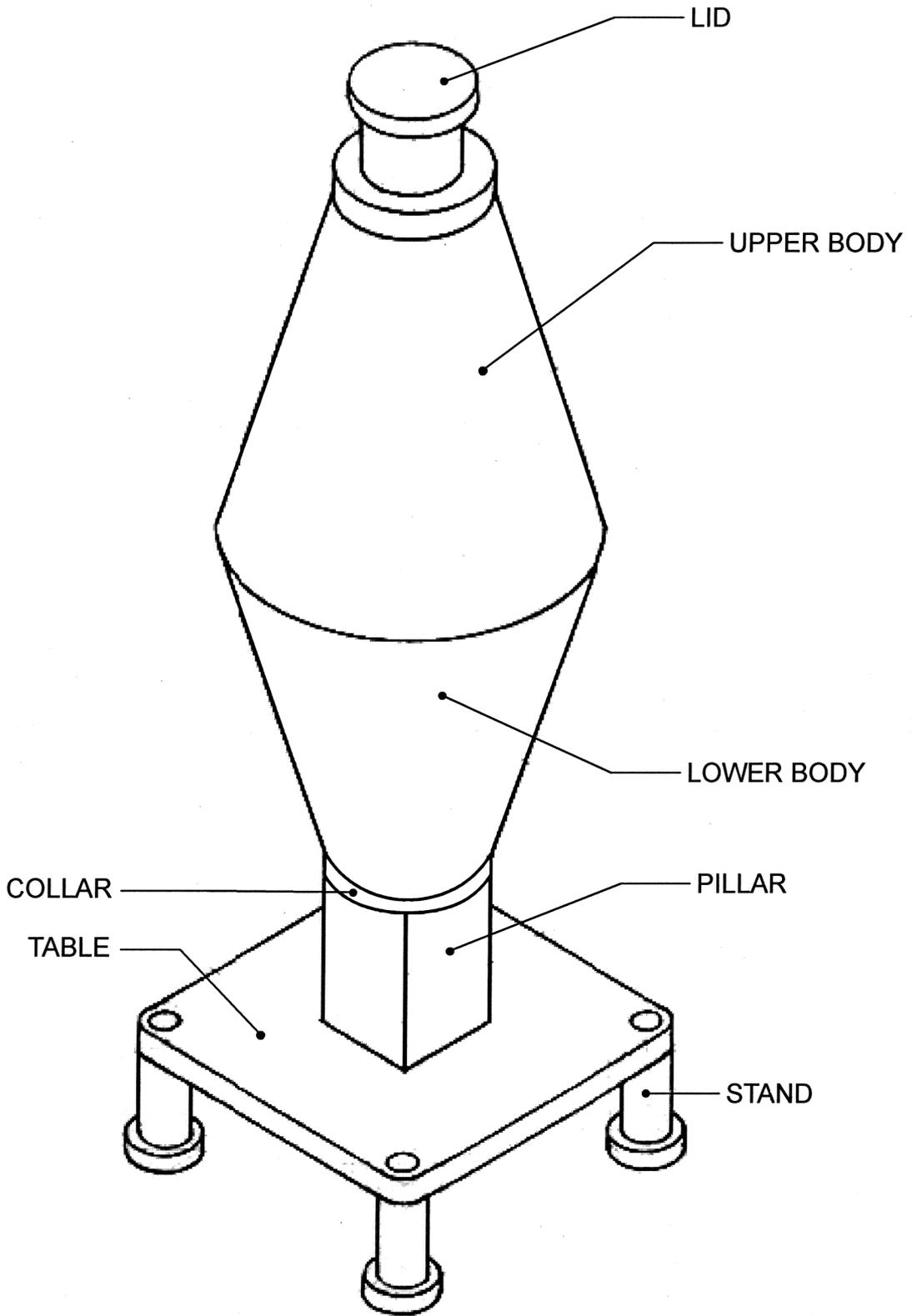
- 1** The project should be made using hand tools and machines where applicable.
- 2**
  - (a) All dimensions are in millimetres unless otherwise stated.
  - (b) General tolerance  $\pm 0.2$  mm unless otherwise stated.
  - (c) Use your discretion to determine the dimensions not shown.
- 3** Punch the last three digits of your index number on the base of the holder.

**This paper consists of 6 printed pages.**

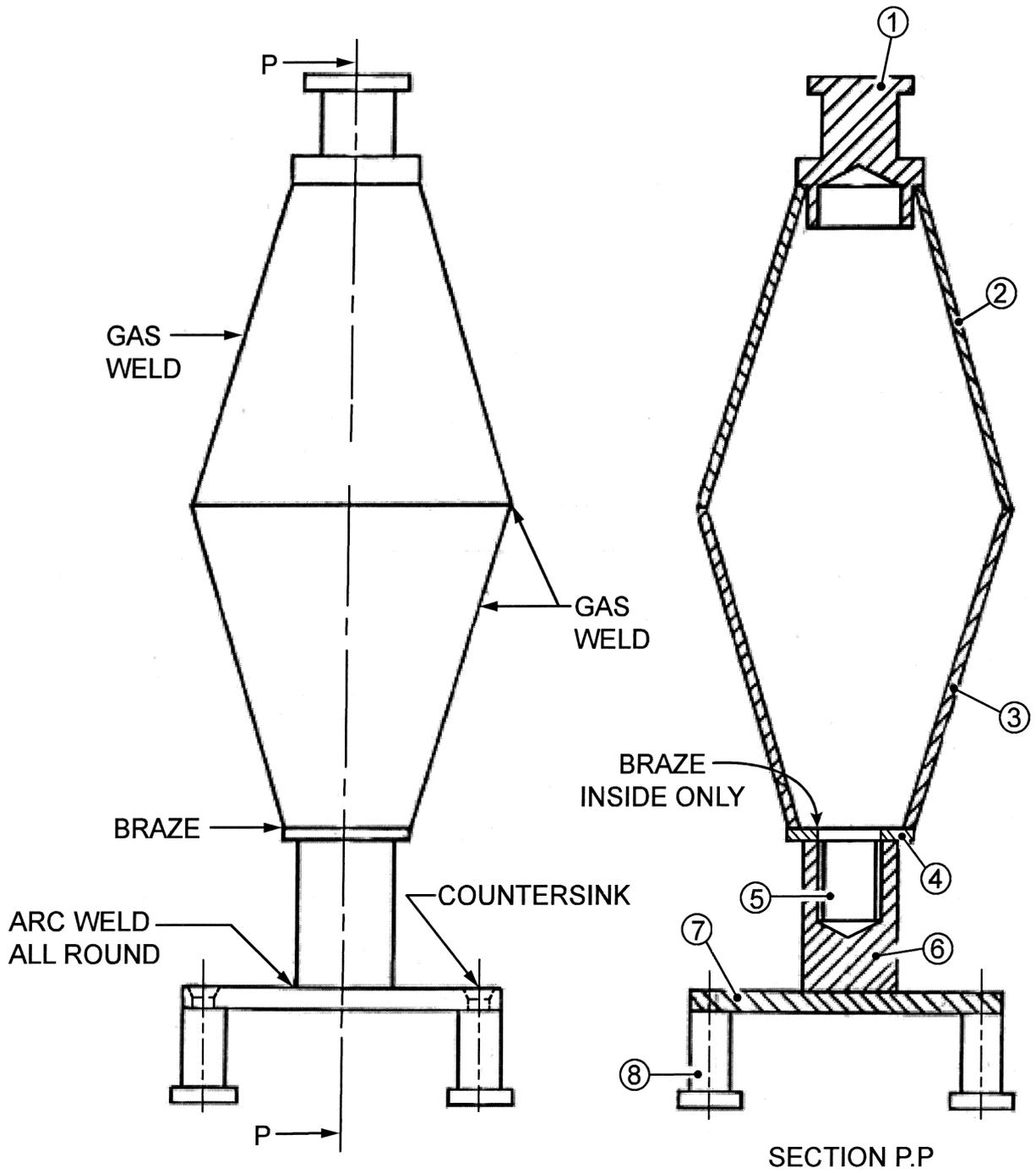
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## CUTTING LIST

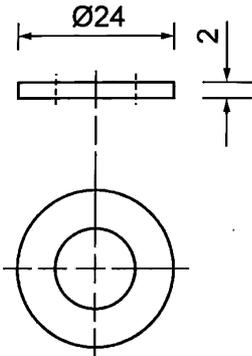
<b>PART No.</b>	<b>DESCRIPTION</b>	<b>CUTTING SIZE IN MILLIMETRES</b>	<b>No. OFF</b>	<b>MATERIAL</b>
1	LID	$\phi 32 \times 35$	1	MS BAR
2	UPPER BODY	$200 \times 100 \times 2$	1	MS SHEET
3	LOWER BODY	$200 \times 100 \times 2$	1	MS SHEET
4	COLLAR	$30 \times 30 \times 2$	1	MS SHEET
5	SCREW	$\phi 18 \times 25$	1	MS ROD
6	PILLAR	$\phi 25 \times 35$	1	MS BAR
7	TABLE	$65 \times 65 \times 4$	1	MS PLATE
8	STAND	$\phi 18 \times 30$	4	MS ROD



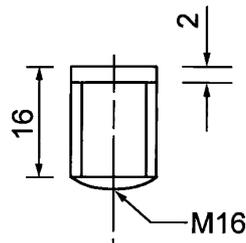
COINS JAR



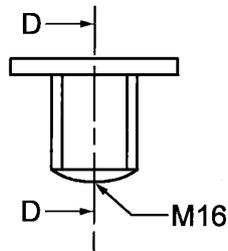
5



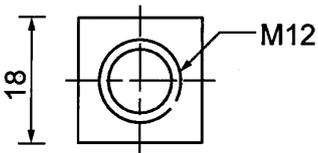
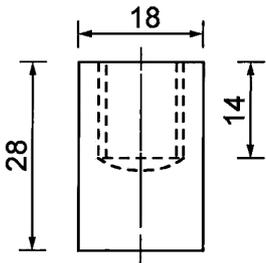
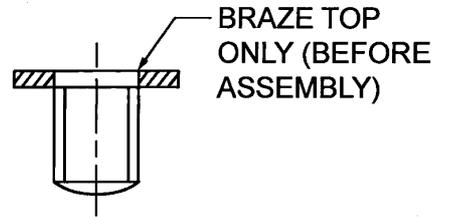
PART 4 - COLLAR



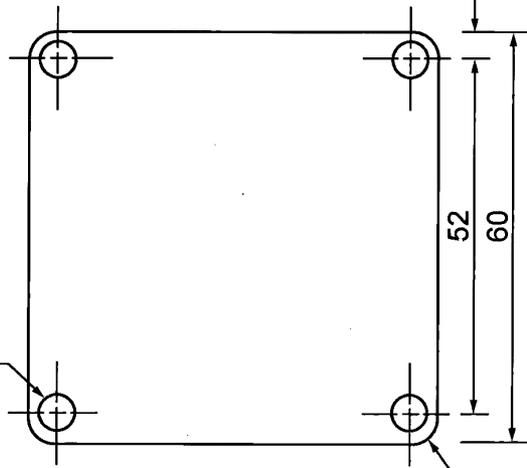
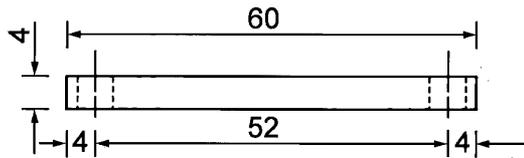
PART 5 - SCREW



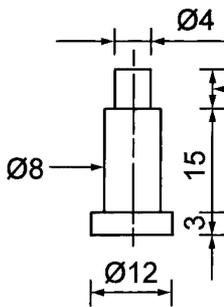
COLLAR AND SCREW SUB-ASSEMBLY



PART 6 - PILLAR



PART 7 - TABLE



PART 8 - STAND 4 OFF

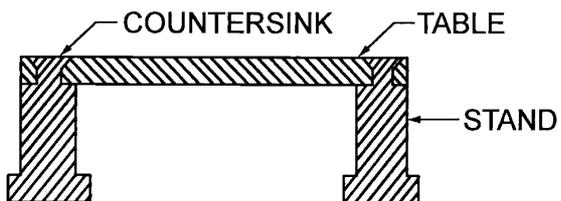
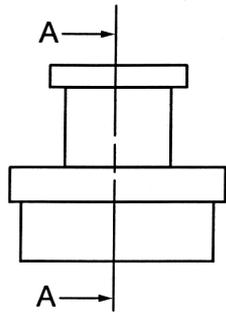
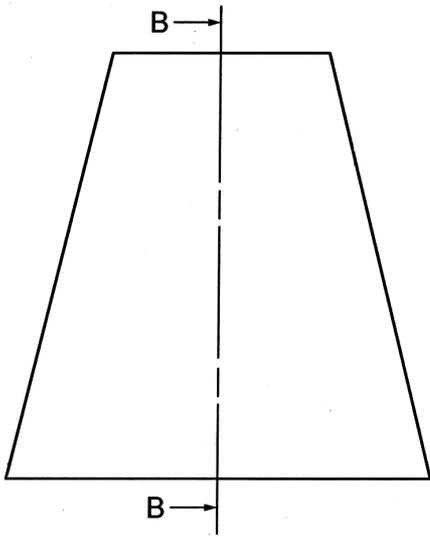
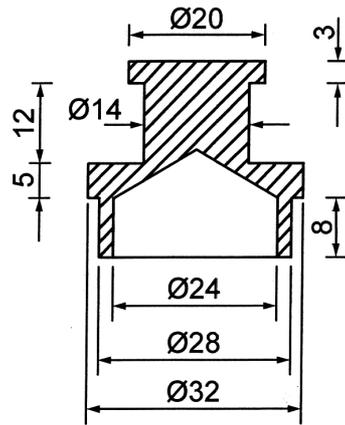


TABLE AND STANDS SUB-ASSEMBLY

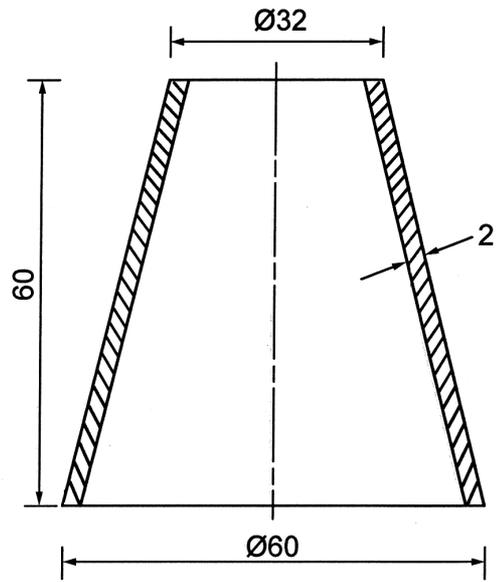
6



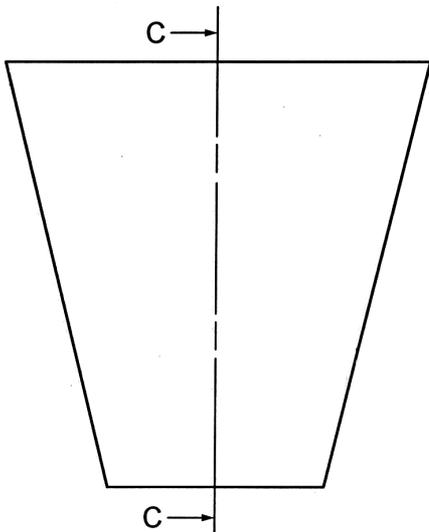
PART 1 - LID



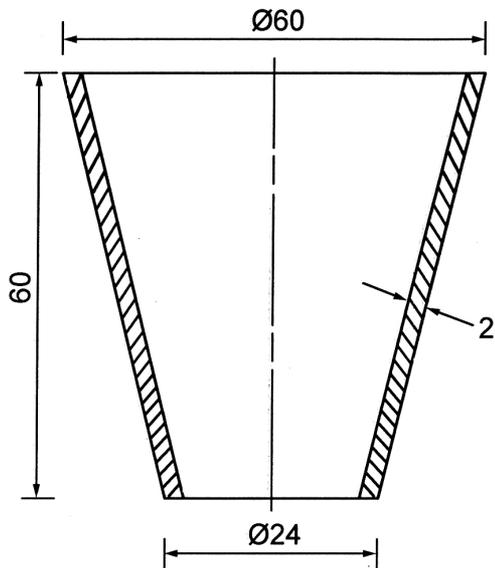
PART 2 - UPPER BODY



SECTION C - C



PART 3 - LOWER BODY



SECTION C - C