

STAPEL

QUESTION 3: ISOMETRIC DRAWING

Given:

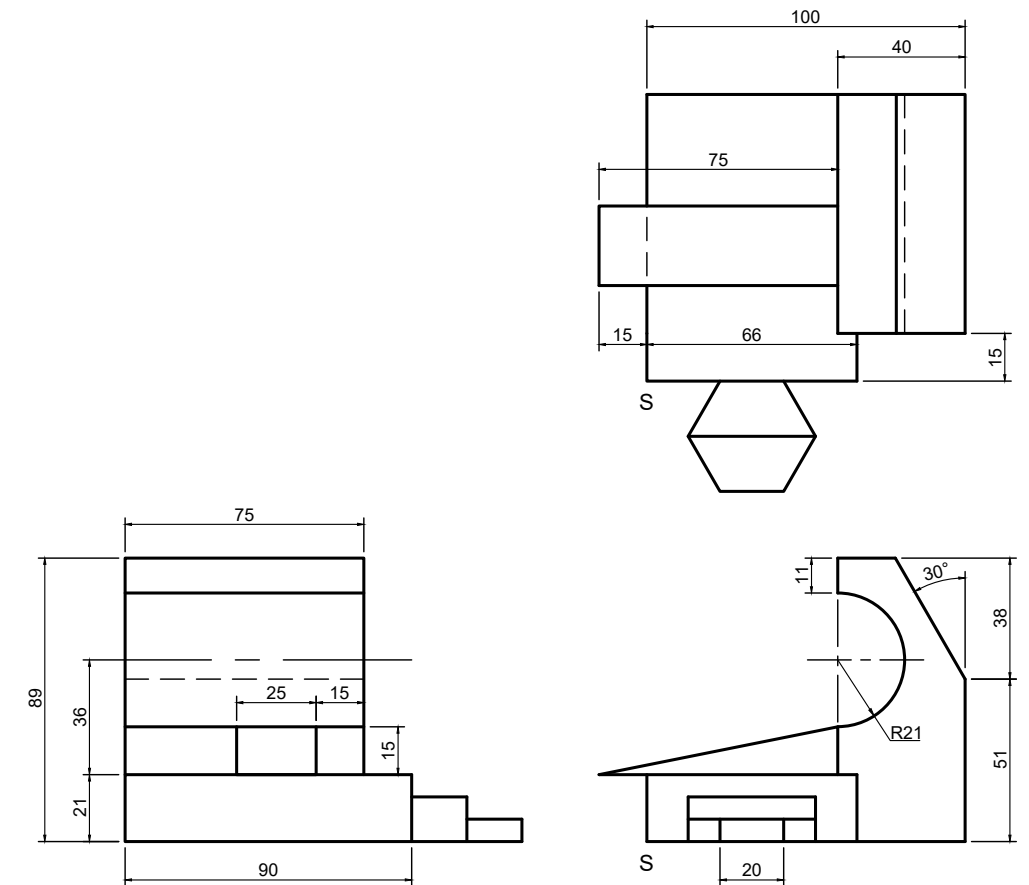
The front view, top view and left view of a casting.
The position of point S on the diagram sheet 3 (page 4).

Instructions:

Use a scale of 1:1 to convert the orthographic view of the casting into a sectional isometric drawing on cutting plane A-A.

- Make S the lowest point of the drawing.
- Show ALL necessary constructions.
- NO hidden detail is required.

[38]



S

ASSESSMENT CRITERIA			
1	BASE ($\frac{14}{2}$)	7	
2	AUXILIARY VIEW (7)	7	
3	HEXAGON ($\frac{15}{2}$)	7.5	
4	RAMP ($\frac{5}{2}$)	2.5	
5	BACK ($\frac{12}{2}$)	6	
6	ISOMETRIC CIRCLE ($\frac{16}{2}$)	8	
7	PLACEMENT WRONG MAX -2		
TOTAAL		38	



ISOMETRIC DRAWING

ESTIMATED TIME FOR COMPLETION 35 MIN
YOUR TIME FOR COMPLETION MIN

GRADE

INITIALS & SURNAME

TASK

PAGE

7.1

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