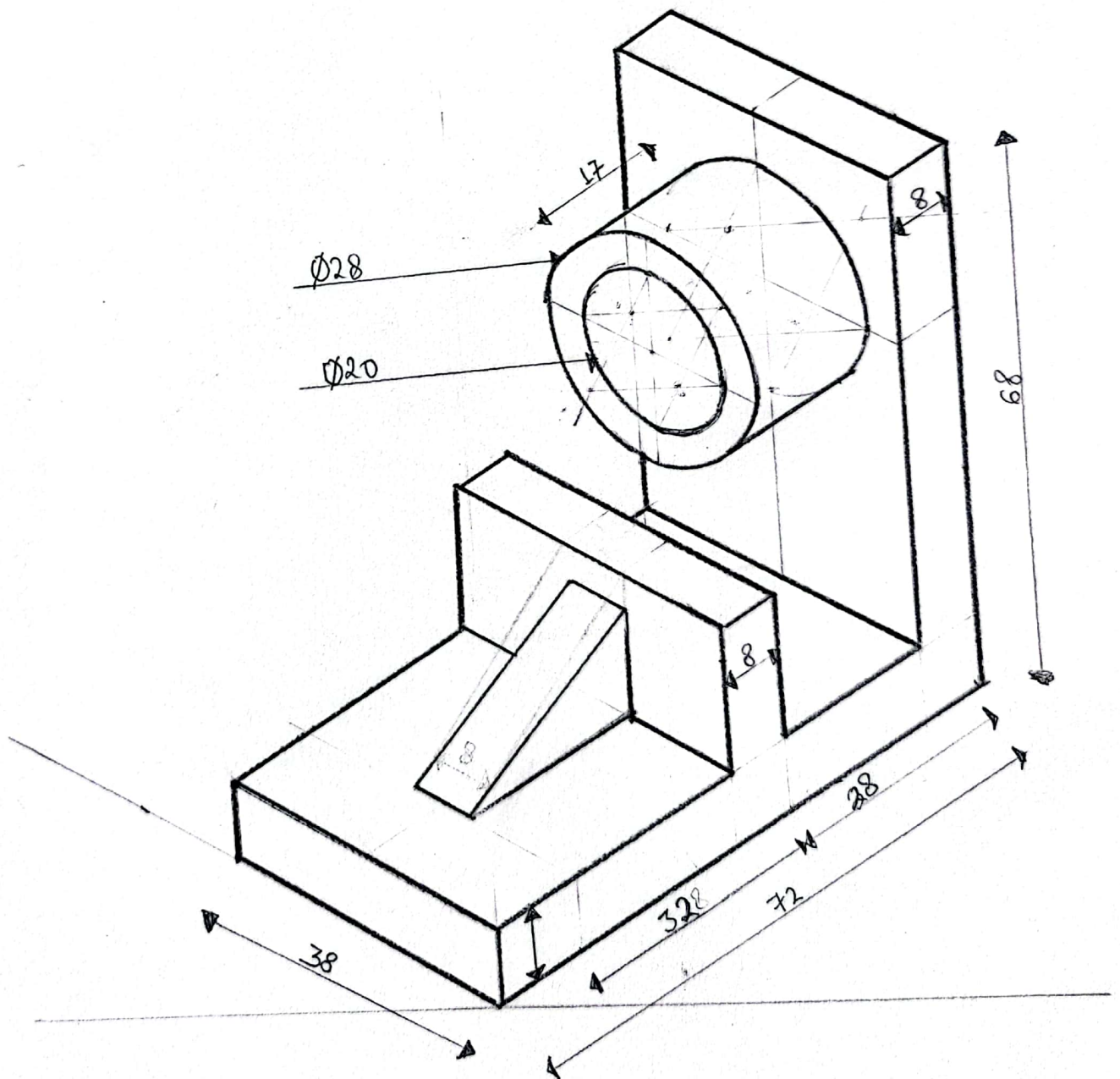


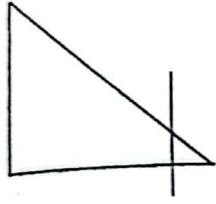
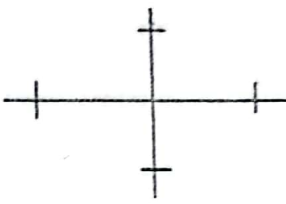
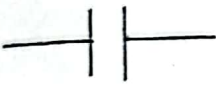

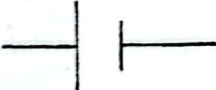


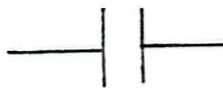
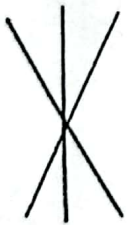



Q.N.1

Isometric



Q. No. 4  
Symbol

	Double V-butt		Single J-butt
	Lap joint		Cross
	Joint		Cross Over
	Bushings		Plug
	Double J-Butt		Rediled concentric
	Spot Weld		Square butt

HW-9

Limit fit  
Magh 2073

⇒ 60 S6/h12

Holes (mm)

$$BS = 60$$

$$FD = 0.042$$

$$IT_6 = 0.019$$

$$D_{\max} = BS + FD$$

$$= 60 + 0.042$$

$$= 59.958 \text{ mm}$$

$$D_{\min} = BS + FD + IT_6$$

$$= 59.958 - 0.019$$

$$= 59.939 \text{ mm}$$

Shaft (mm)

$$BS = 60$$

$$FD = 0.00$$

$$IT_7 = 0.30$$

$$d_{\max} = BS + FD$$

$$= 60 - 0.00$$

$$= 60.00$$

$$d_{\min} = BS + FD + IT_7$$

$$= 60.00 - 0.30$$

$$= 59.7 \text{ mm.}$$

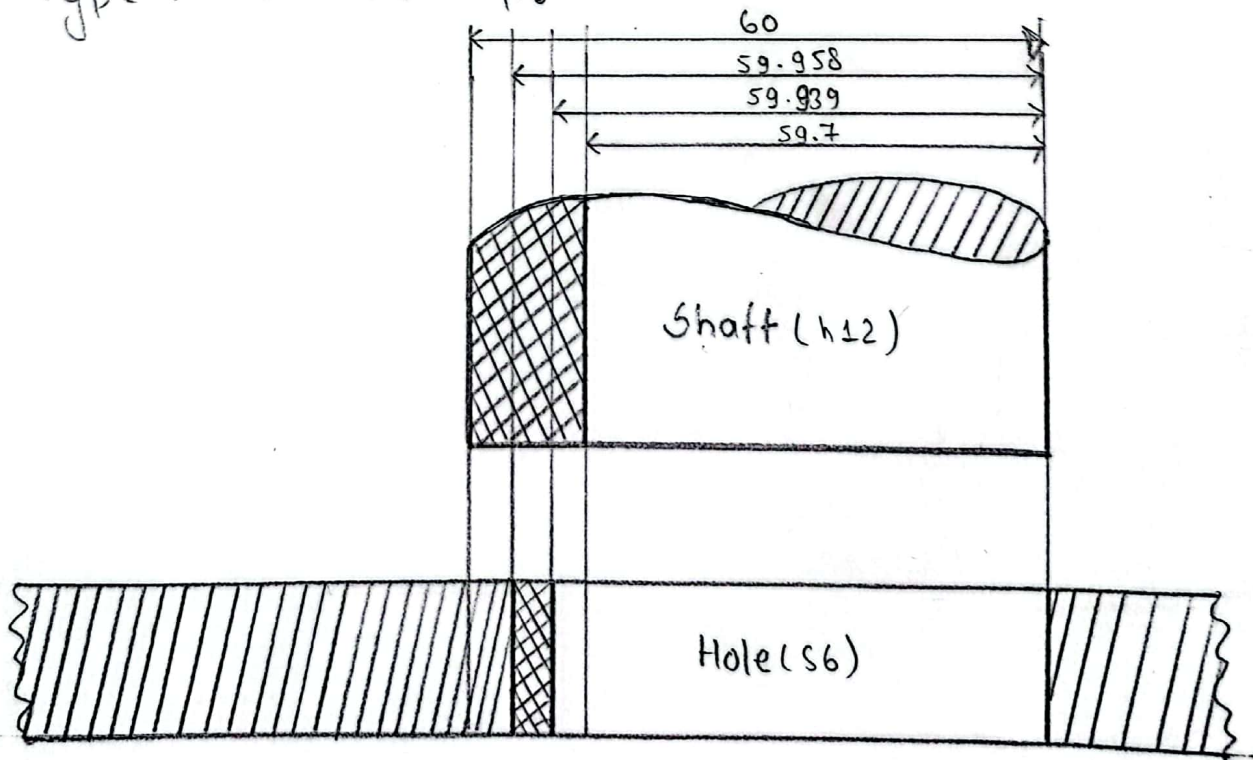
For allowance

$$D_{\max} - d_{\min} = 59.958 - 59.7 = +ve \text{ (max)}$$

$$D_{\min} - d_{\max} = 59.939 - 60 = -ve \text{ (min)}$$

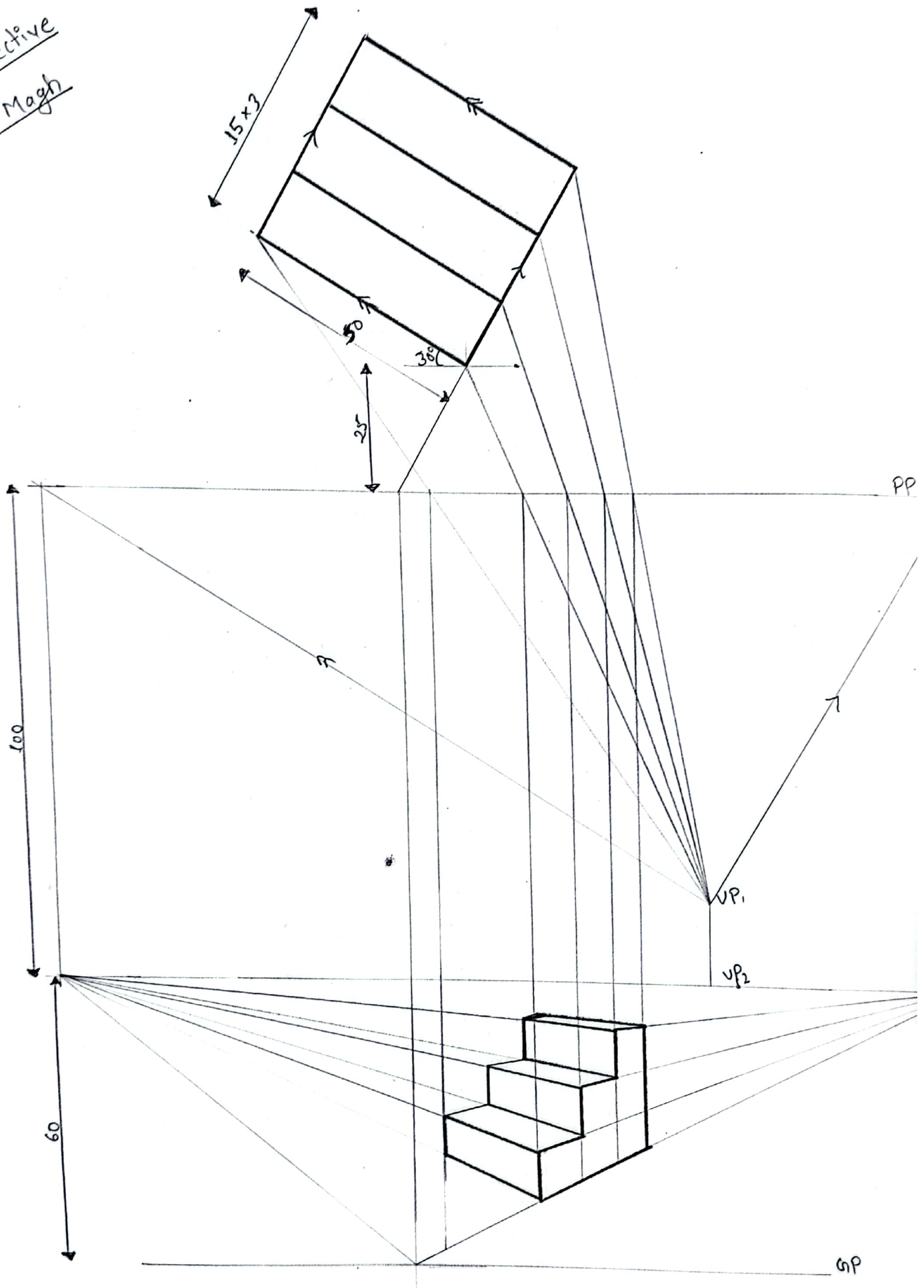
System: Shaft basis system

Type: Transition fit.

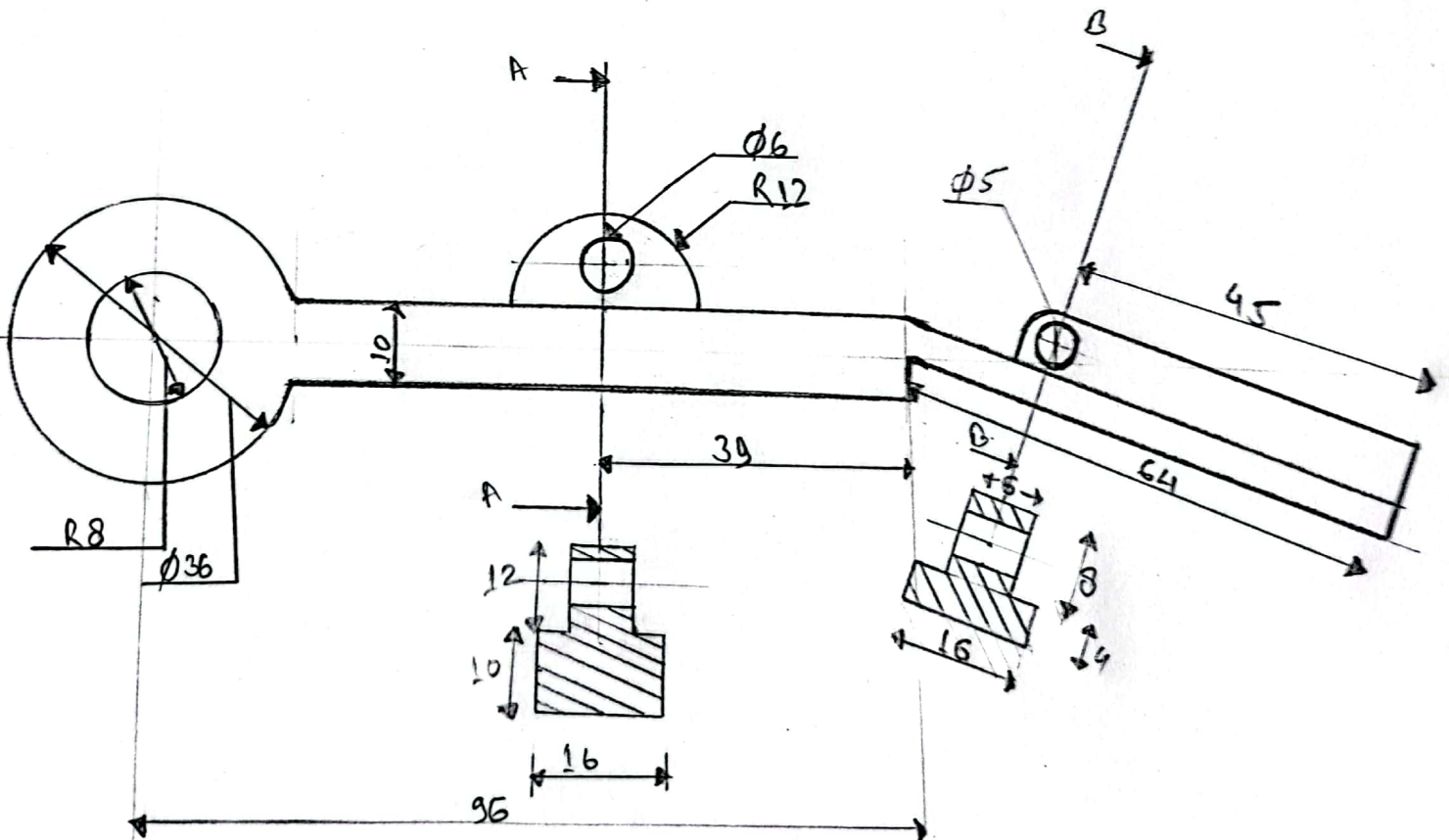


HW-9

Perspective  
2073 Magh



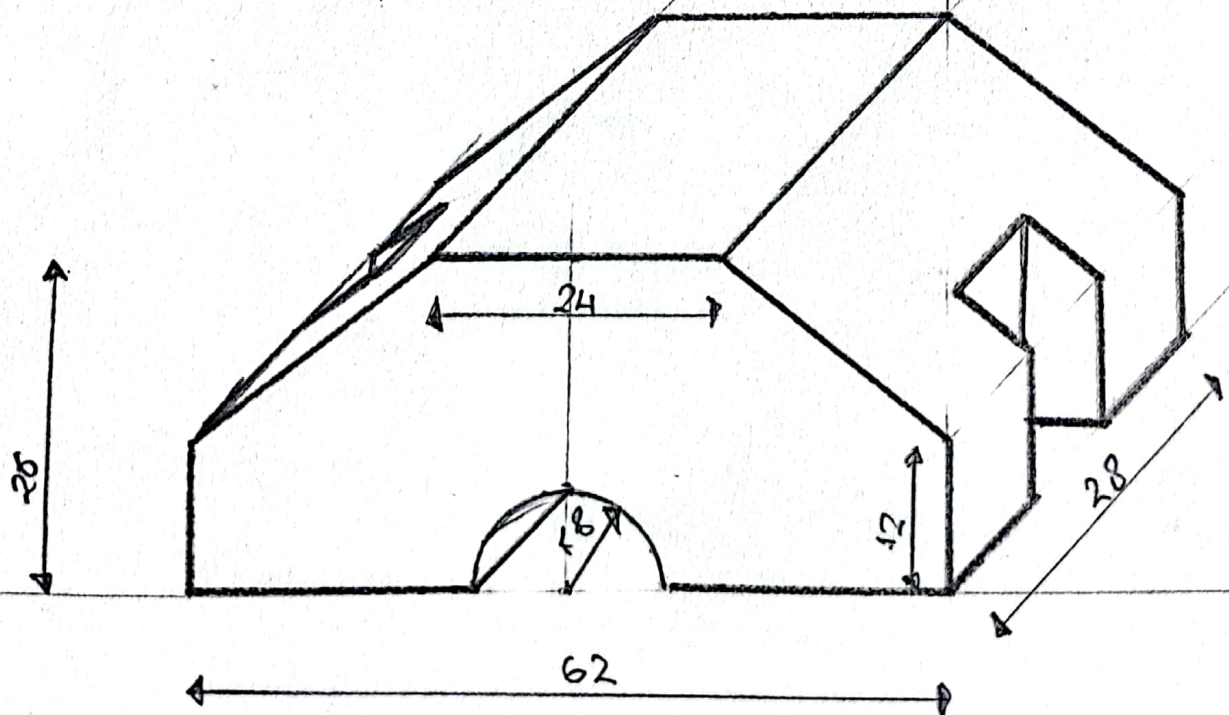
(Q.N.5) 2073 Magh  
Sectional view





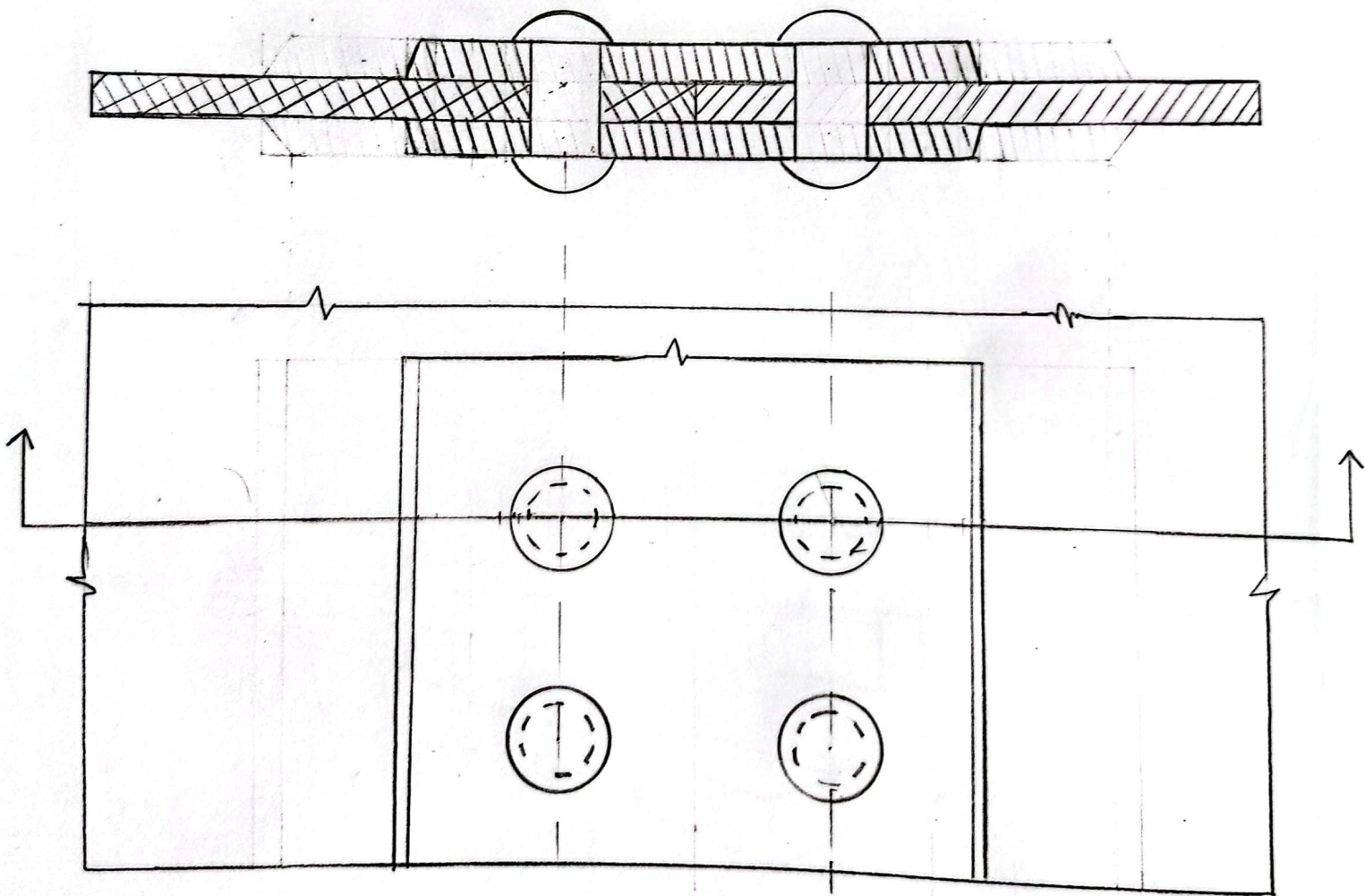
Q.N.2

Oblique 2071 Bhadra.



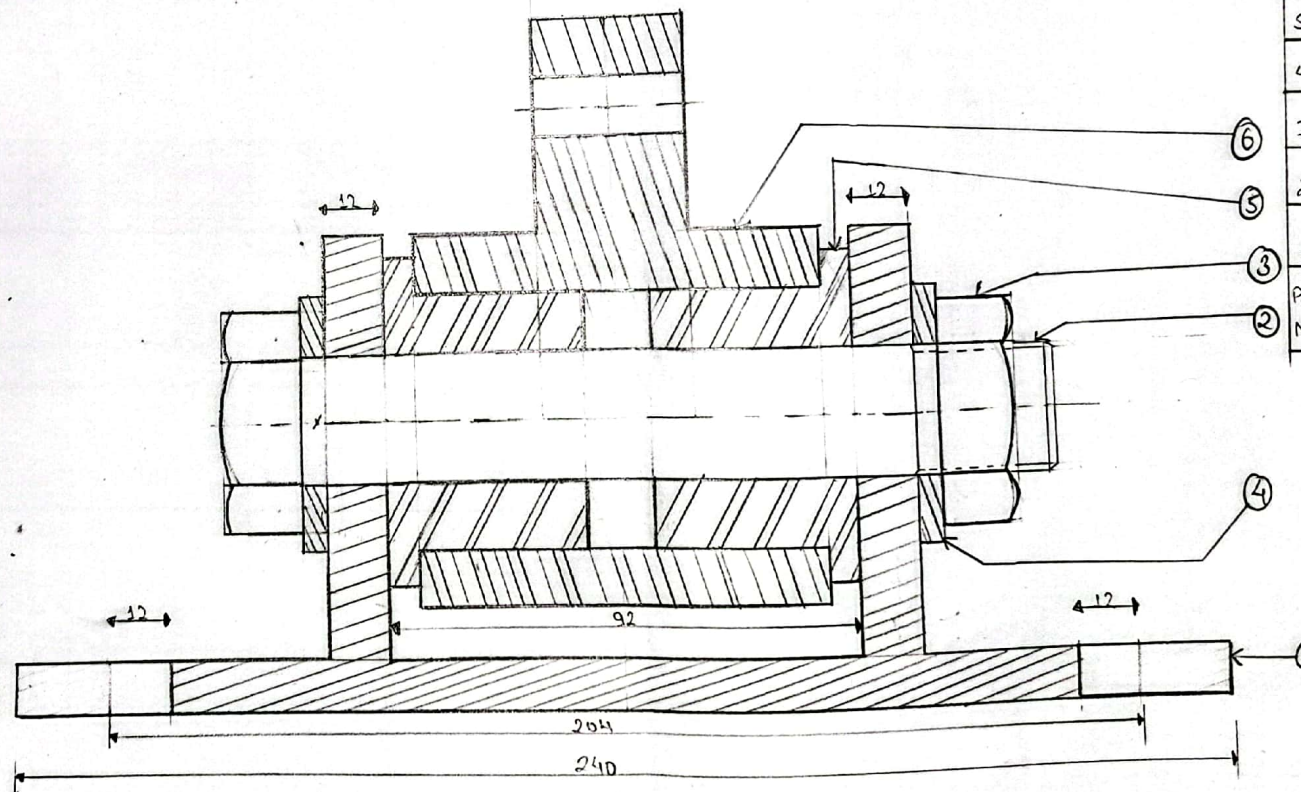
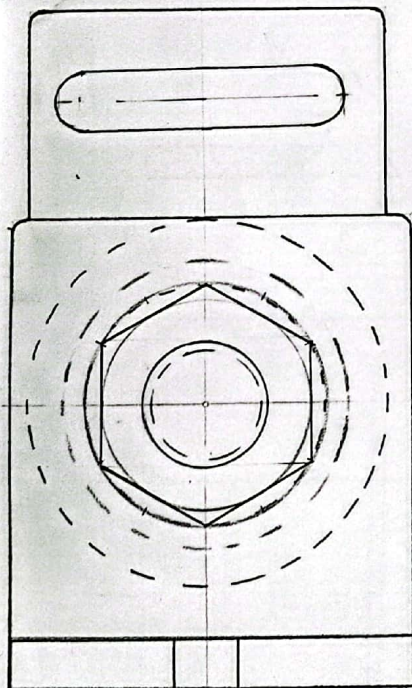
Riveted

Sketch the top view & sectional view for single row, double strap, chain type butt riveted joint.





A technical drawing of a mechanical part, likely a shaft or rod, oriented vertically on a grid background. The drawing shows a cross-section of the part, which is cylindrical with a central hole. The central hole is represented by a dashed line. The part has a flange or a change in diameter at the top and bottom. The drawing is a line drawing with no shading.



HW-9