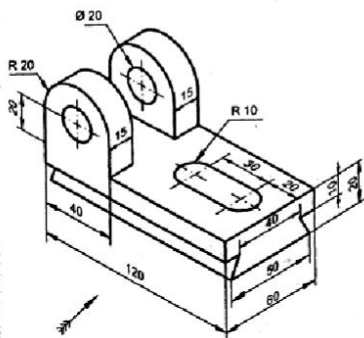
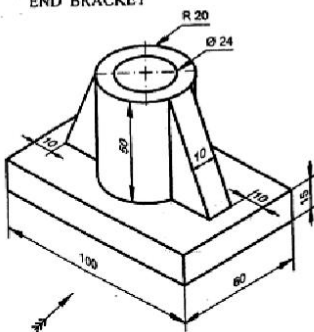


Exercise 7: Draw the three orthographic views for the given Pictorial Views

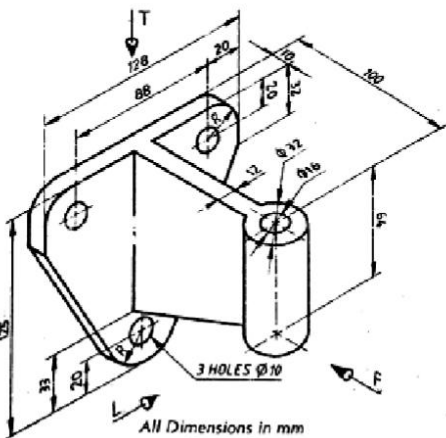
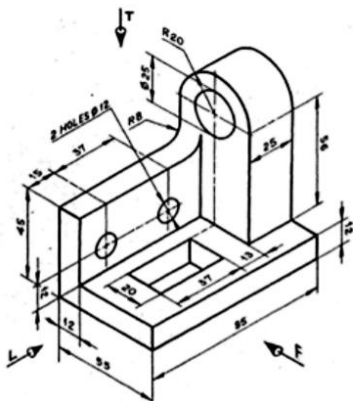
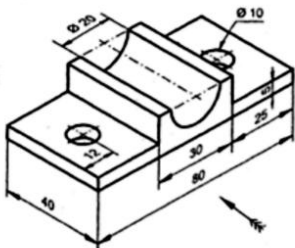
DOVETAIL BRACKET



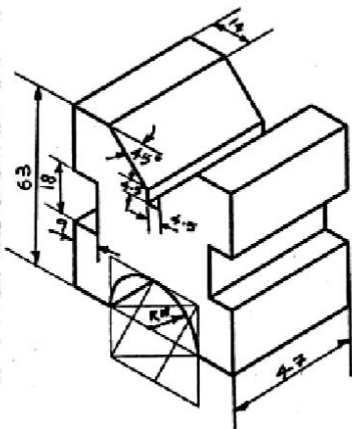
END BRACKET



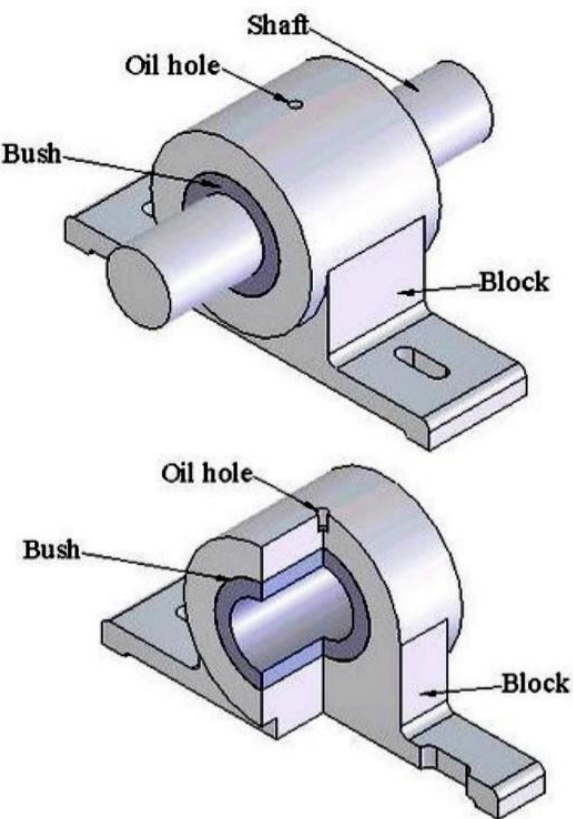
OPEN BEARING



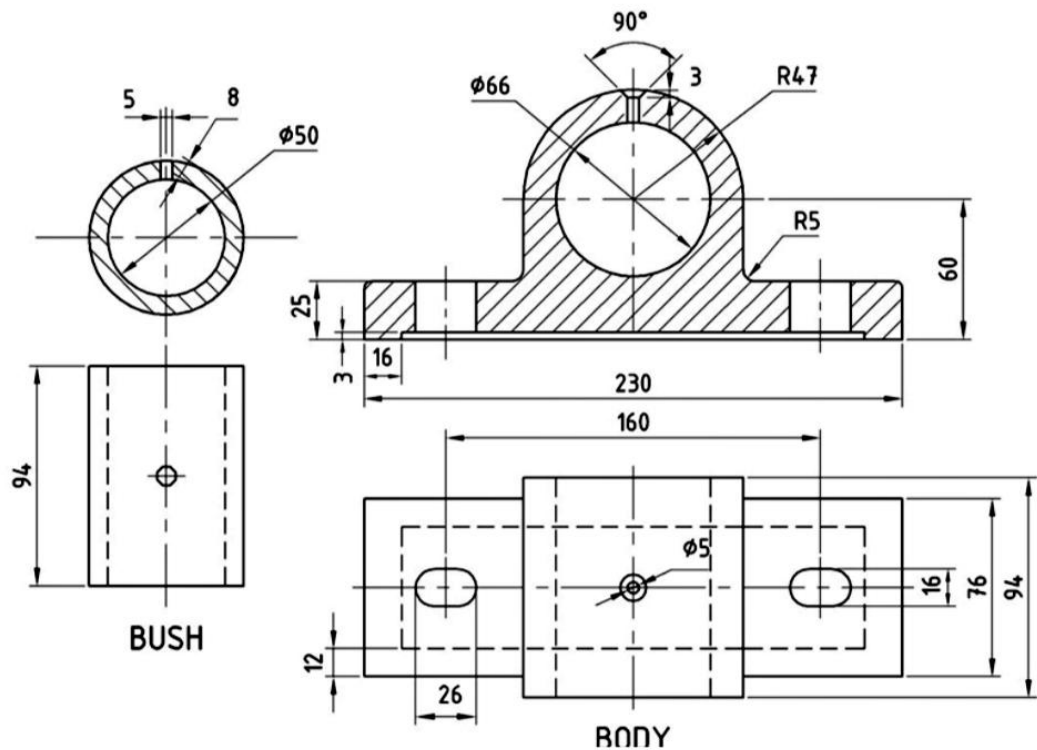
MODIFIED V - BLOCK



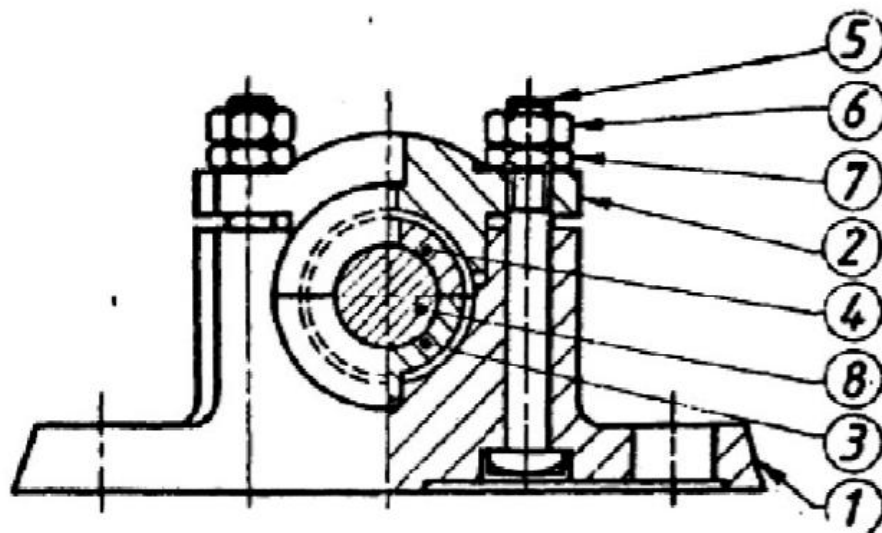
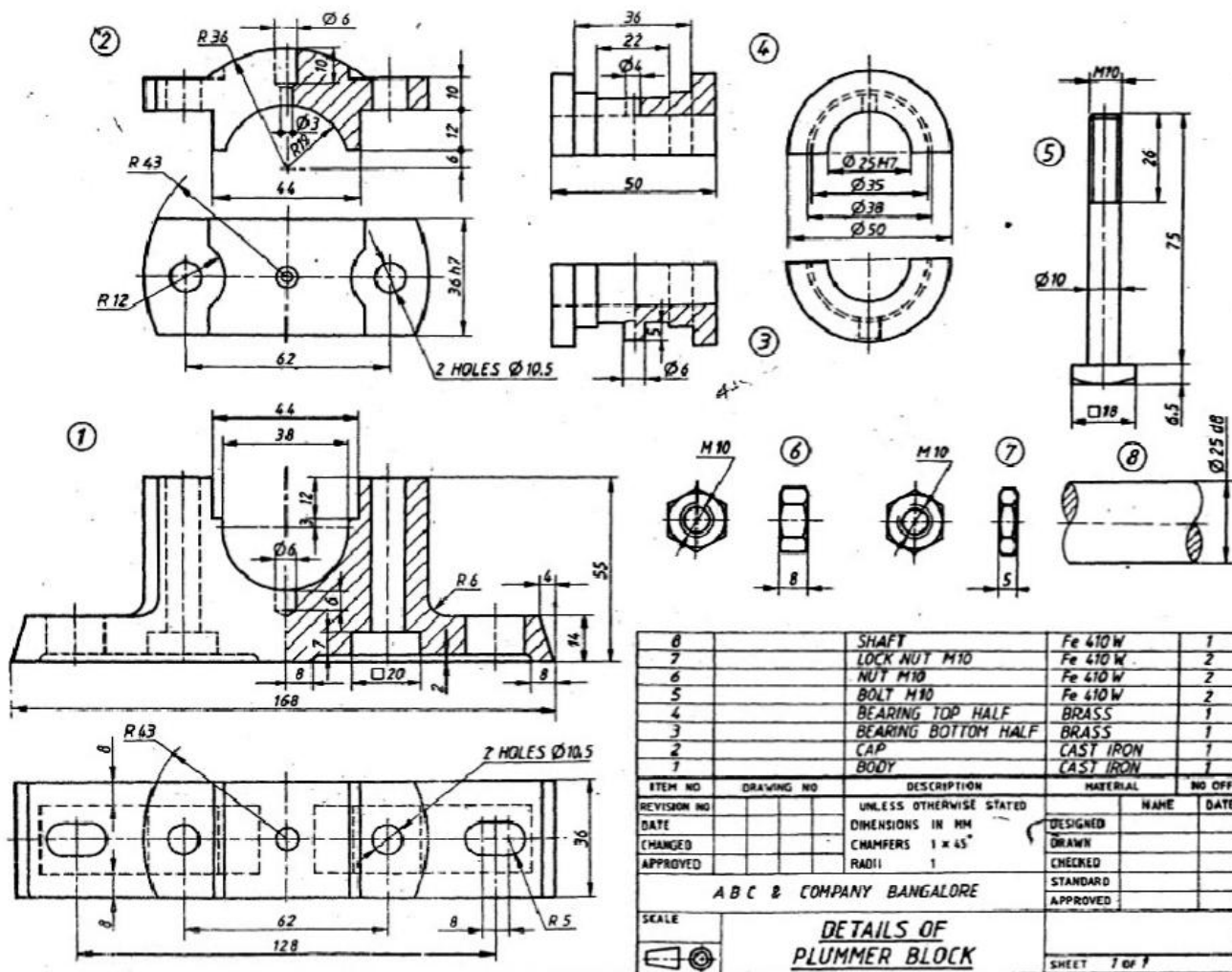
Exercise 8: Draw the Half sectional Front view, Top view, Side view & Sectional isometric view of Bushed bearing Shown in fig by orthographic views.



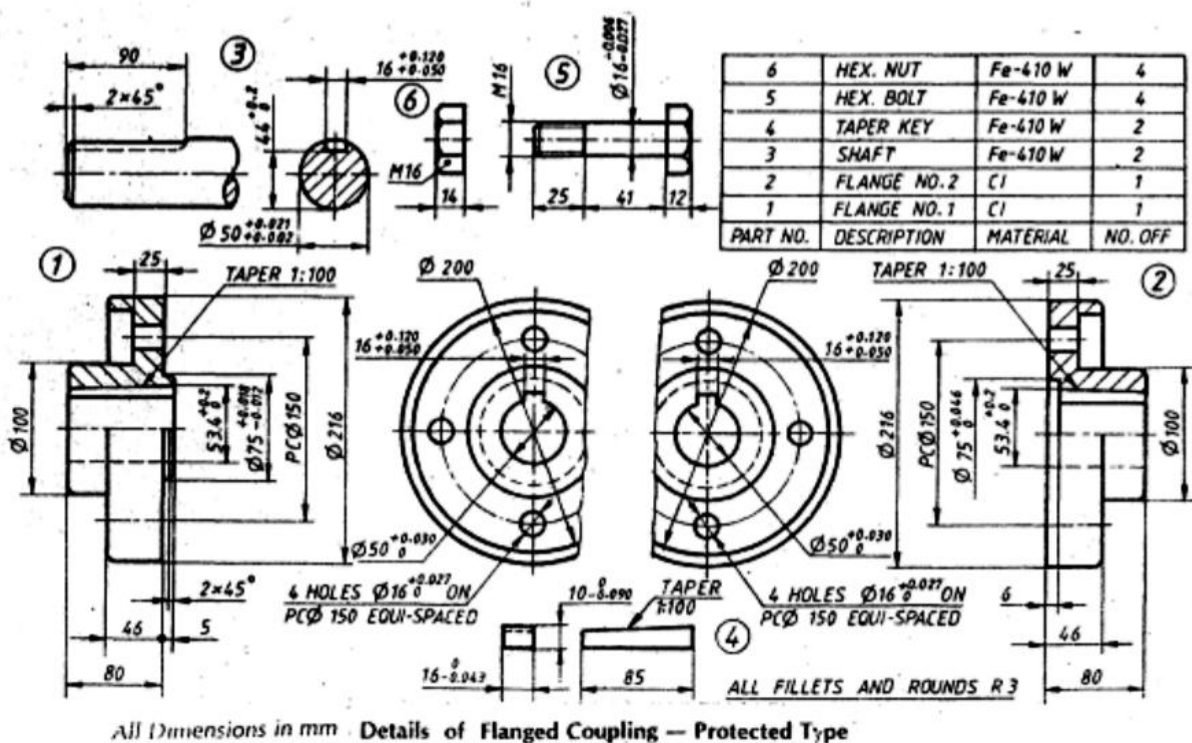
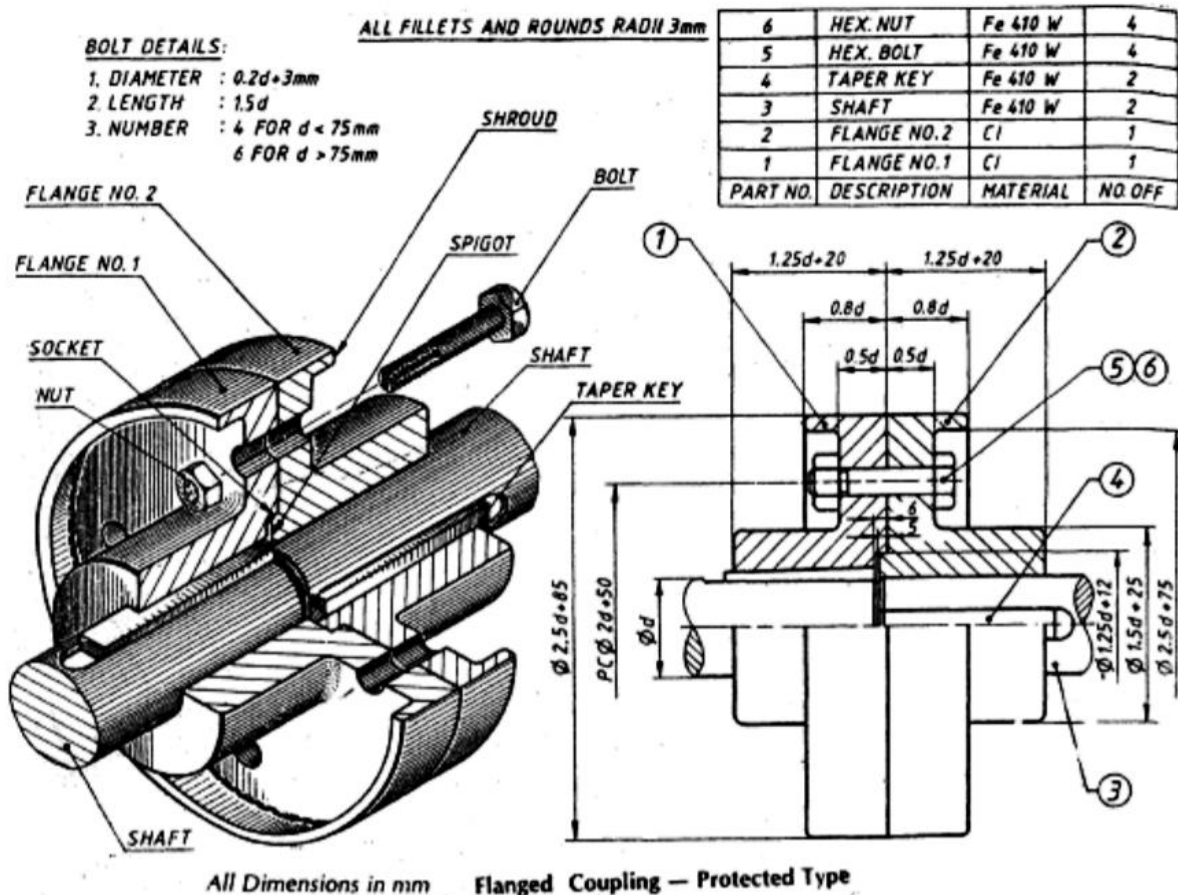
BUSHED BEARING



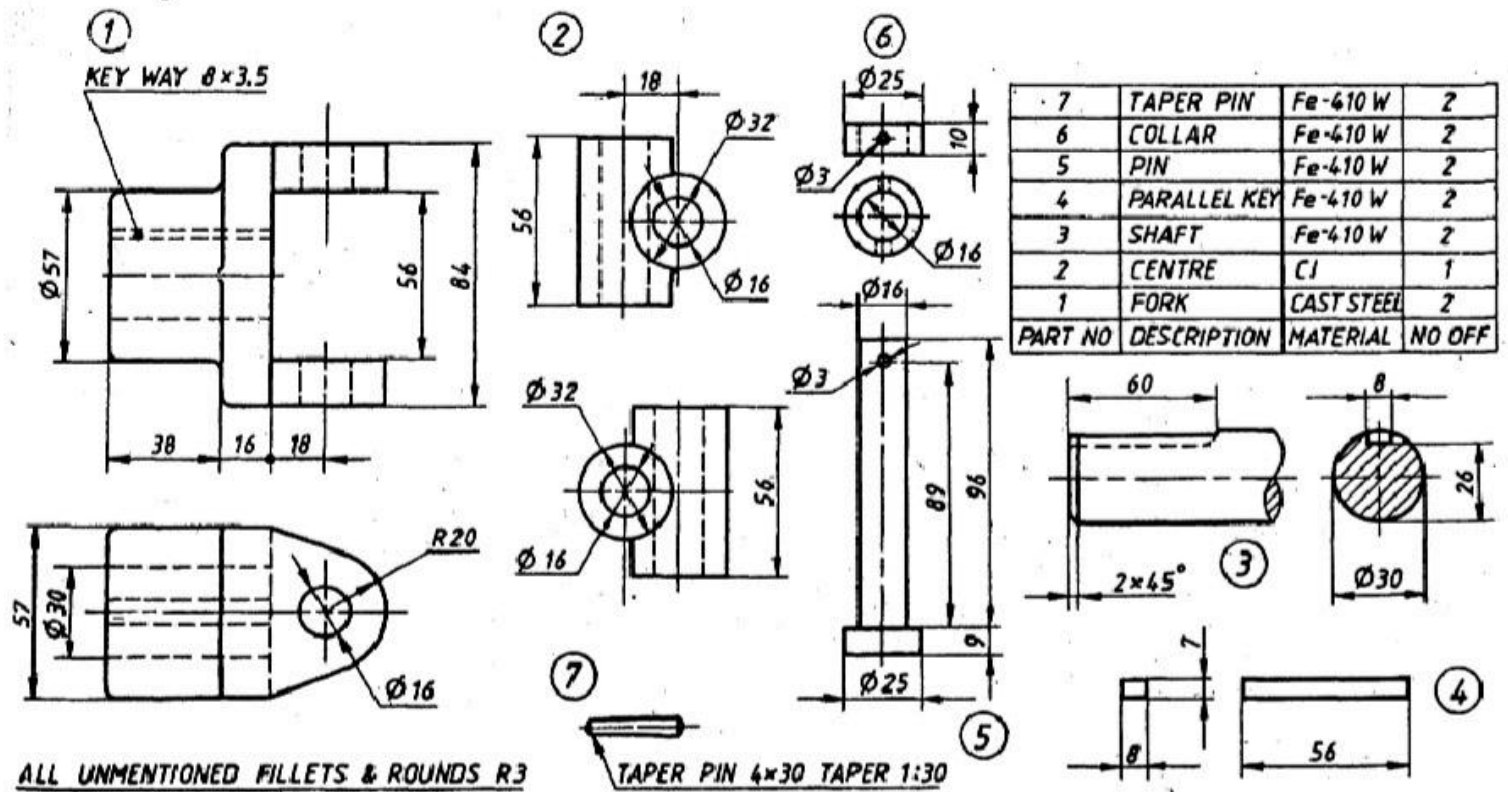
Exercise 9: Assemble the parts of the Plummer block, shown in Fig. and draw the following views: (i) Half sectional view from the front, with right half in section, and (ii) View from above.



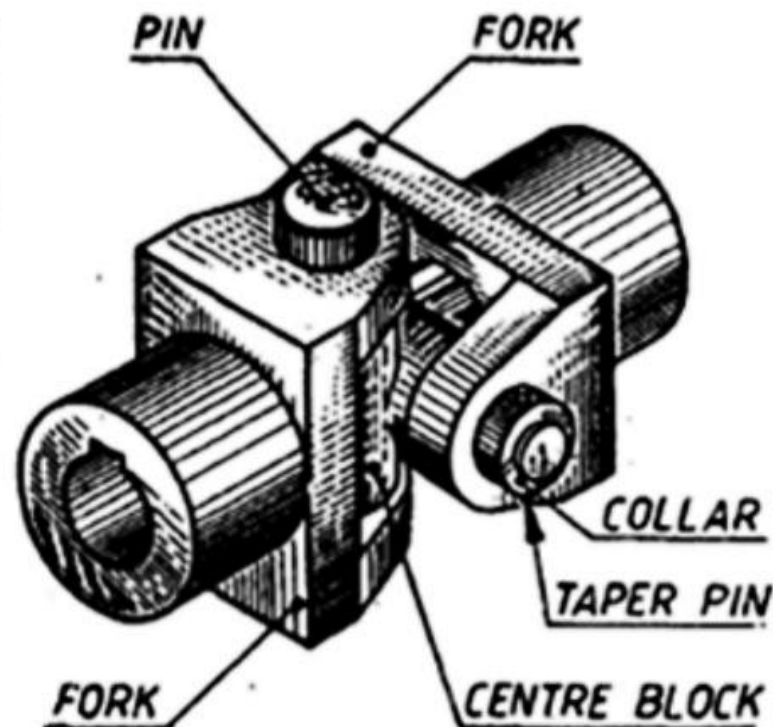
Exercise 12: Details of a Flanged coupling - protected type are shown. Draw to 1:1 scale, the following views of the coupling showing all the parts assembled. A) Front view in section, B) End view looking from the nut end.



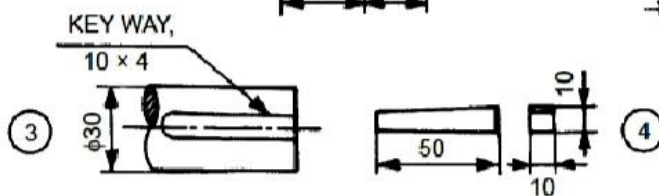
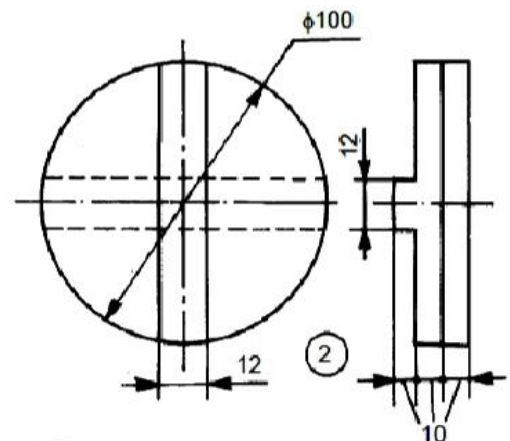
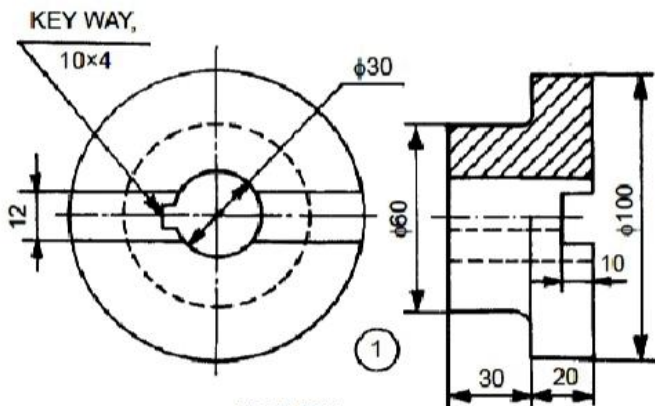
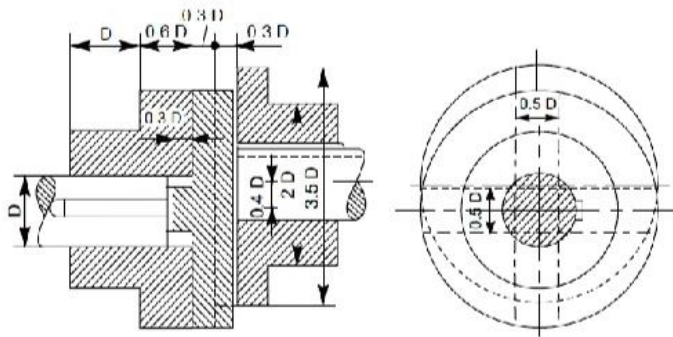
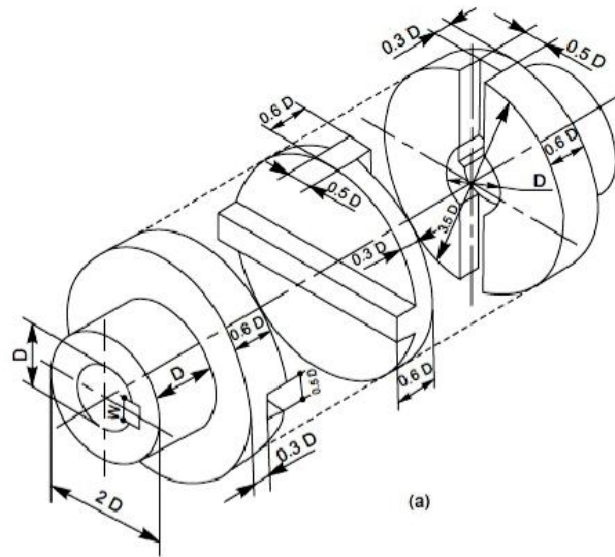
Exercise 13: Figure shows the details of a Universal Coupling. Assemble the parts and draw the following views of the assembled coupling. A) Front view in section B) Top view C) Right side view. Insert the important assembly dimensions.



Details of Universal Coupling



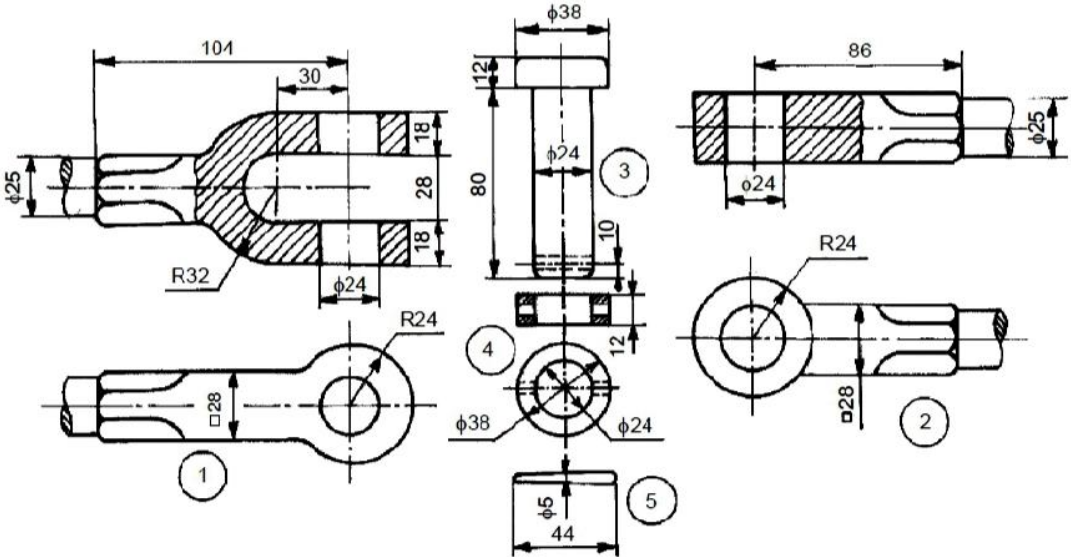
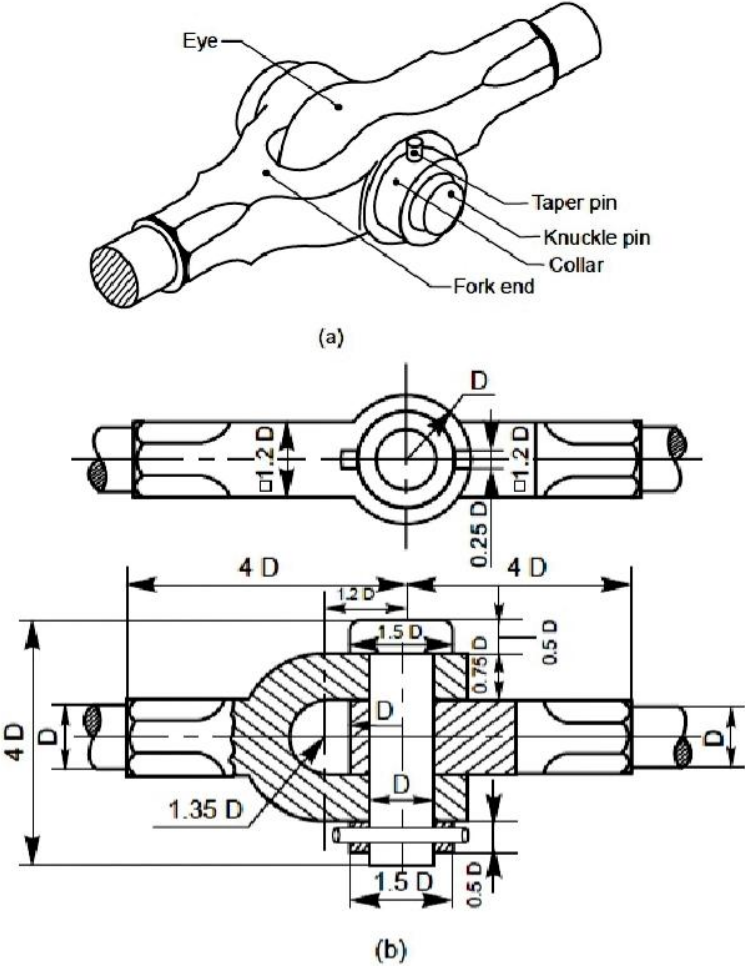
Exercise 14: Sketch the required views of an Oldham coupling indicating proportions, used to connect two shafts, as shown in part drawings.



Parts list

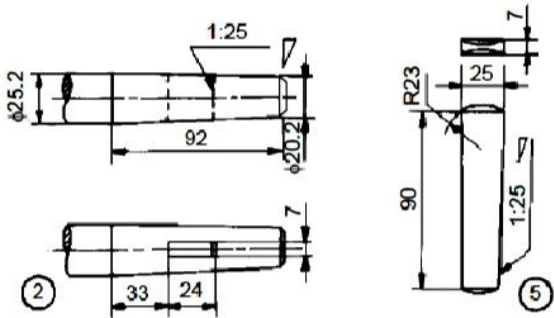
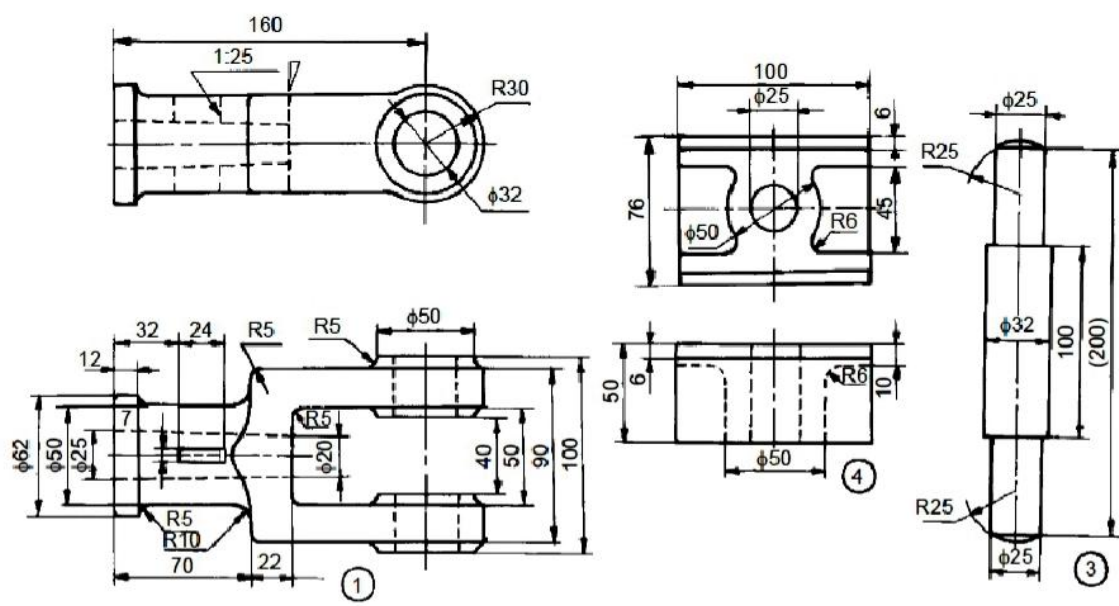
Sl. No.	Name	Matl.	Qty.
1	Flange	MS	2
2	Disc	MS	1
3	Shaft	MS	2
4	Key	MS	2

Exercise 20: Draw the half sectional view from the front, with top view of a knuckle joint, to connect two rods shown in part drawings.



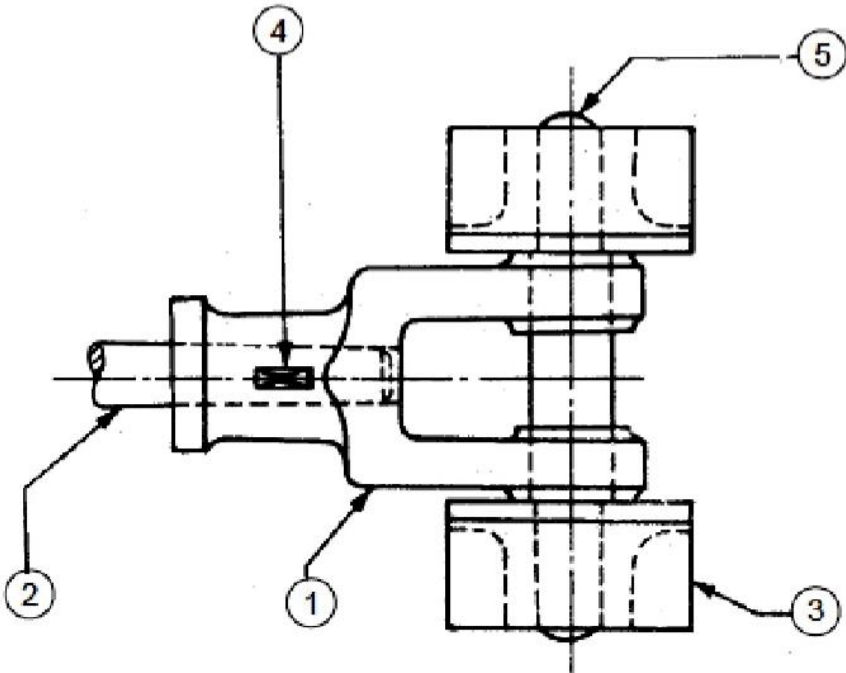
Parts list			
Sl. No.	Name	Matl.	Qty.
1	Fork end	Forged steel	1
2	Eye end	Forged steel	1
3	Pin	Mild steel	1
4	Collar	Mild steel	1
5	Taper pin	Mild steel	1

Exercise 22: The details of a horizontal crosshead of a steam engine are shown in Fig. Assemble the parts and draw, (i) half sectional view from the front, showing top half in section and (ii) the view from the left..



Parts list

Part No.	Name	Matl	Qty
1	Block	CS	1
2	Piston rod	MS	1
3	Gudgeon pin	MS	1
4	Slide block	CI	2
5	Cotter	MS	1



Exercise 25: Assemble all parts of the screw jack, shown in Fig. 18.51 and draw the following views: (i) Half sectional view from the front, and (ii) View from above.

