



III. Isometric view of a flexible coupling is shown in Fig.2. Draw elevation with top half in section and an end view. (30)

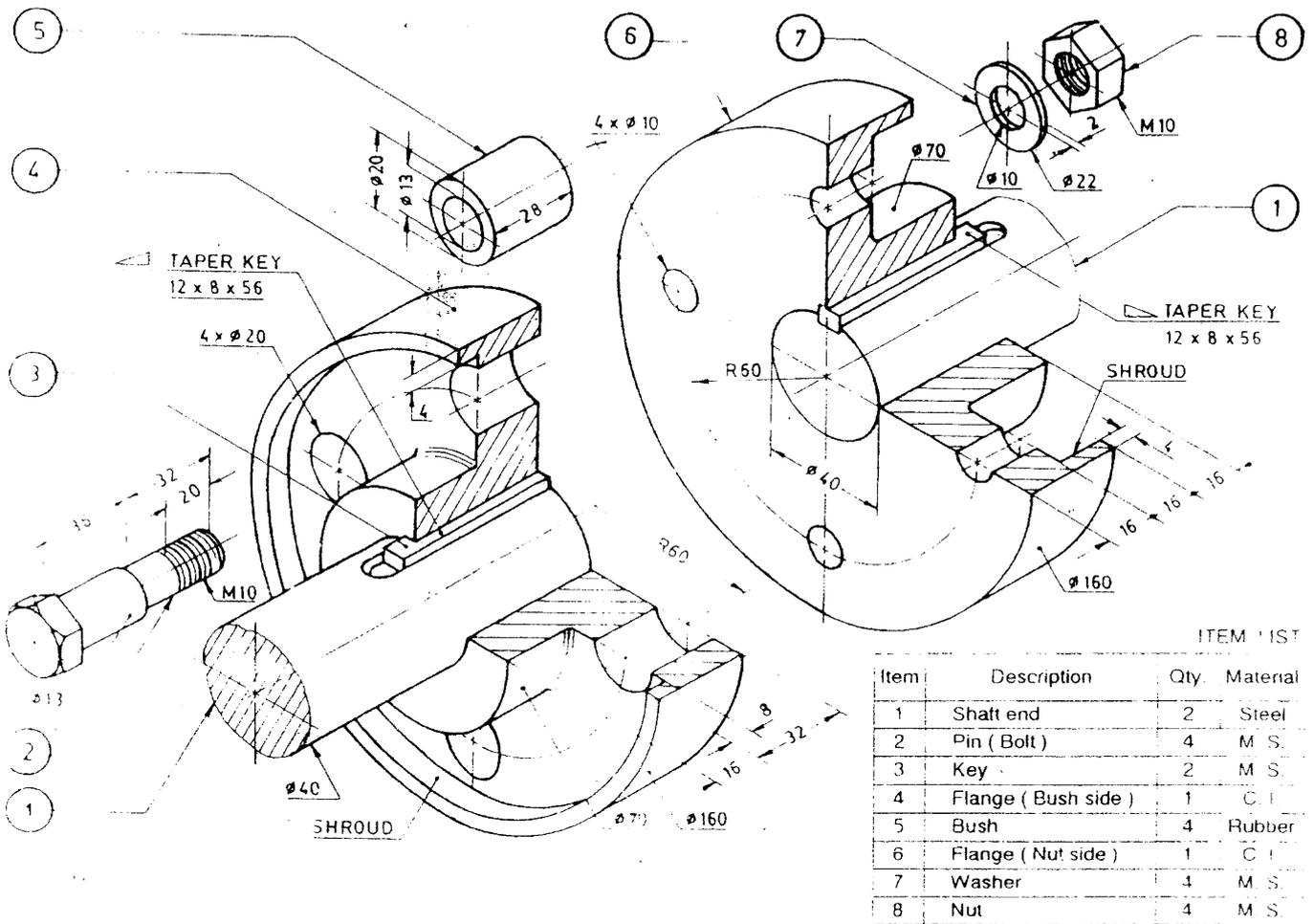
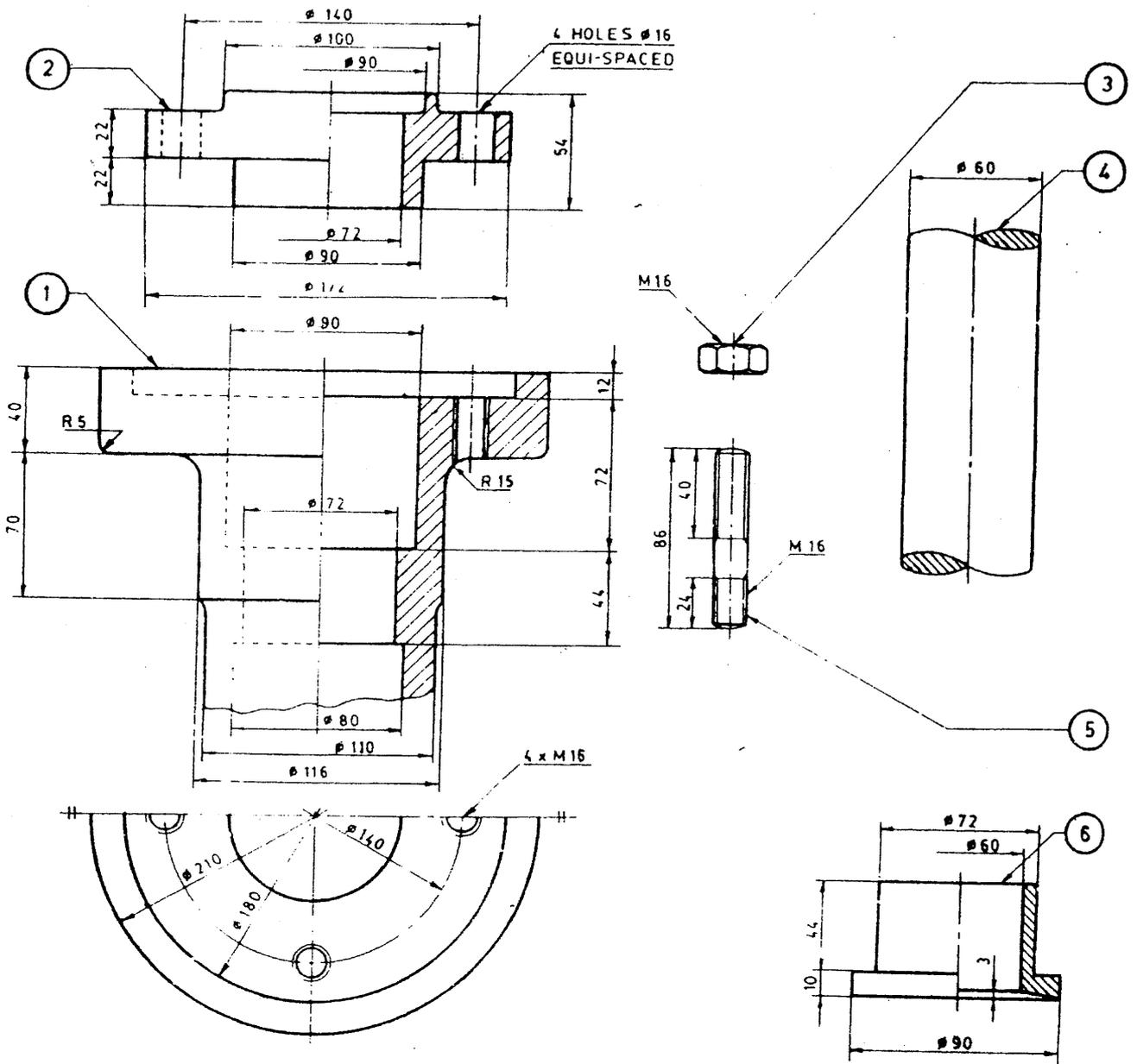


Fig.2

OR

IV. Details of a stuffing box with four bolts is given in Fig.3. Draw the elevation in right half in section and a plan. (30)



ITEM LIST			
Item	Description	Qty.	Material
1	Body	1	C.I.
2	Gland	1	C.I.
3	Nut	4	M.S.
4	Piston rod	1	Steel
5	Stud	4	M.S.
6	Gland bush	2	Brass

**STUFFING BOX**  
(WITH FOUR BOLTS)

Fig.3.

V. Fig.4 shows the parts of cylinder relief valve. Assemble the parts and draw the following views. (50)

(i) Left half sectional elevation. (ii) Top view.

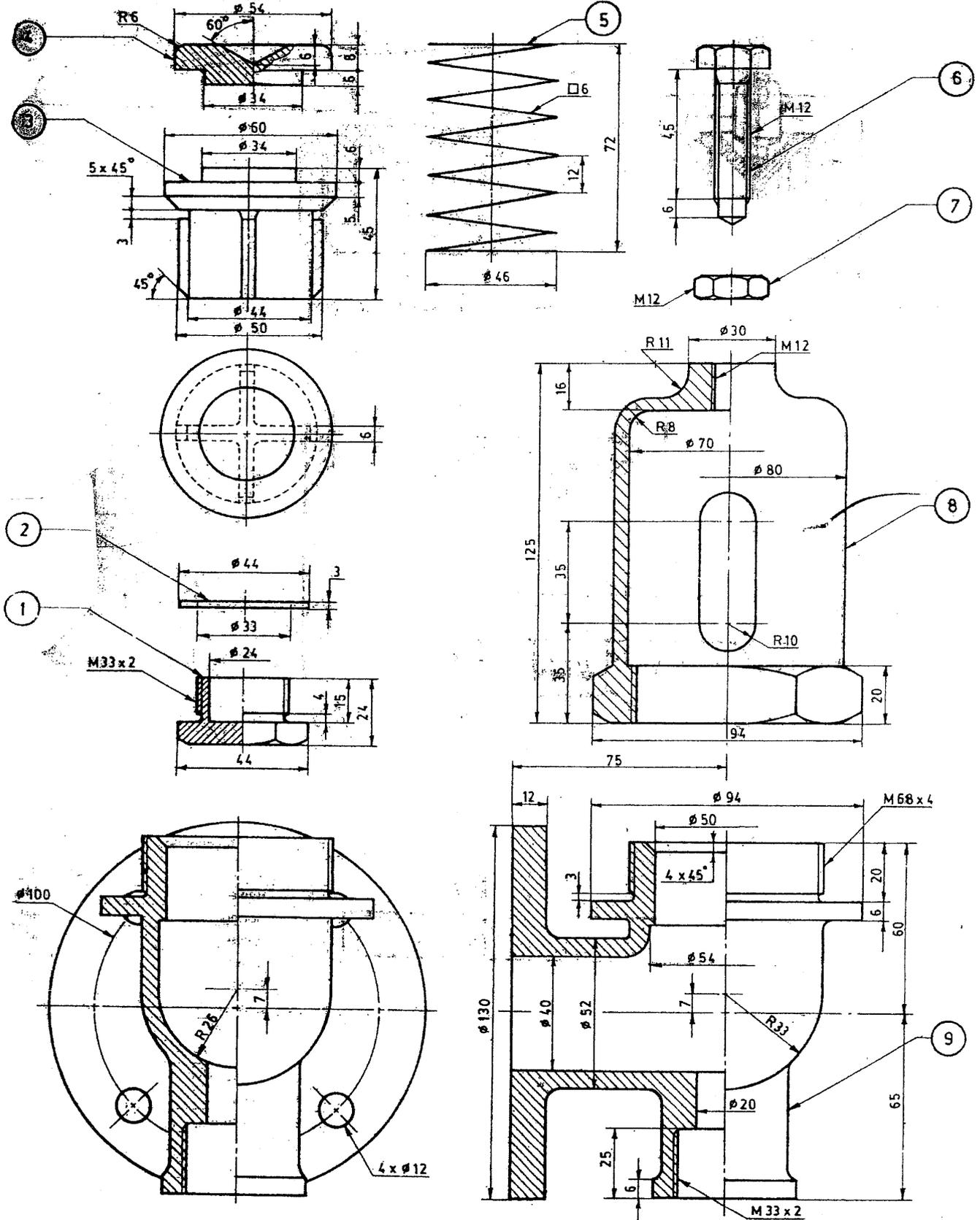


Fig.4. **CYLINDER RELIEF VALVE**

ITEM LIST

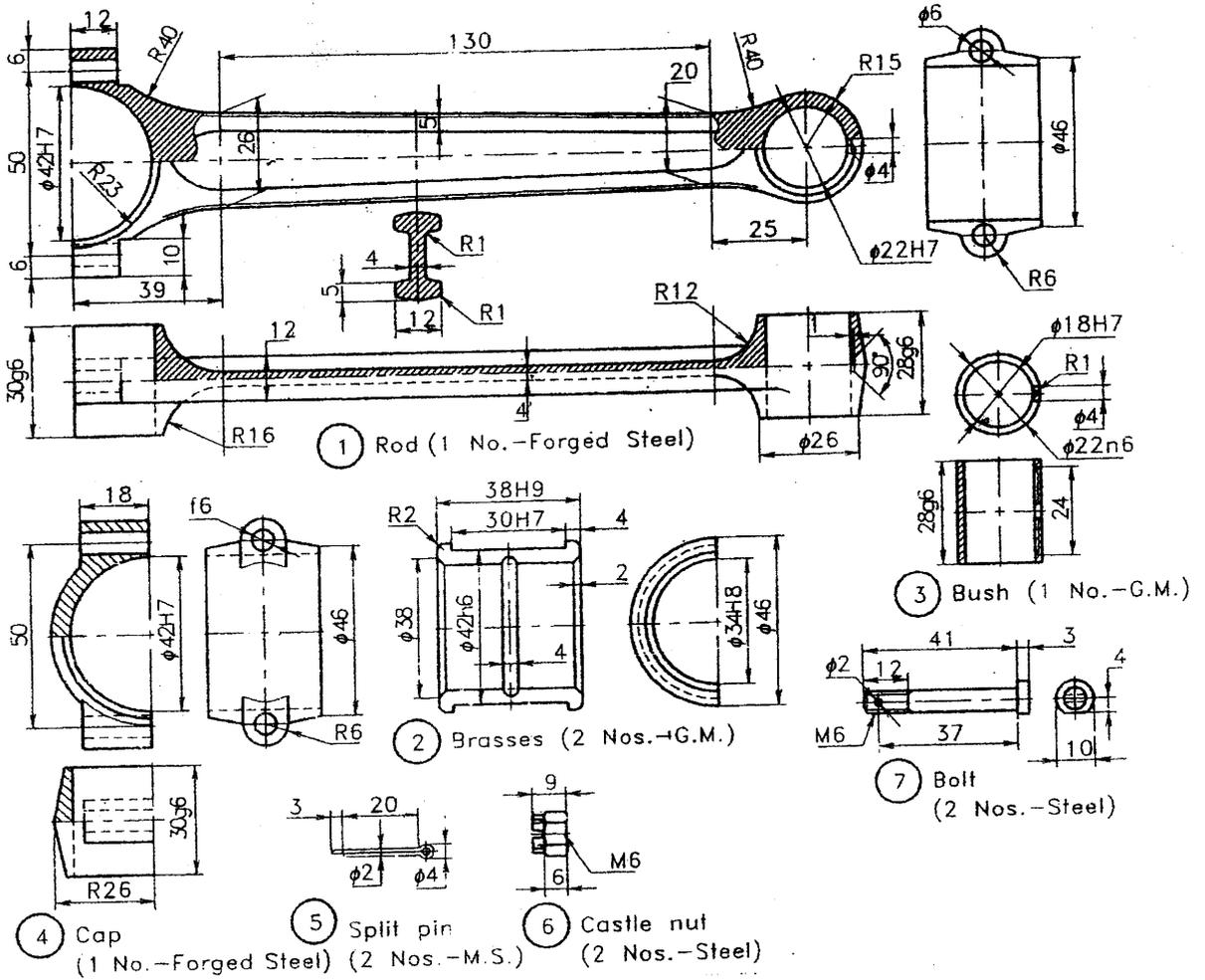
Item	Description	Qty	Material
1.	Plug screw	1	G.M
2.	Washer	1	Aluminium
3.	Valve	1	G.M.
4.	Spring seat	1	G.M.

Item	Description	Qty	Material
5.	Spring	1	Steel
6.	Screw	1	M.S.
7.	Lock nut	1	M.S.
8.	Cover	1	G.M
9.	Body	1	G.M

VI. Assemble the connecting rod parts shown in Fig.5 and draw the following views.

(50)

- (i) Bottom half sectional elevation
- (ii) Top view
- (iii) End view.



Item	Description	Qty.	Material
1	Rod	1	F. Steel
2	Brasses	2	G.M.
3	Bush	1	G.M.
4	Cap	1	F. Steel
5	Split pin	2	M.S.
6	Castle nut	2	Steel
7	Bolt	2	Steel

Fig.5.