

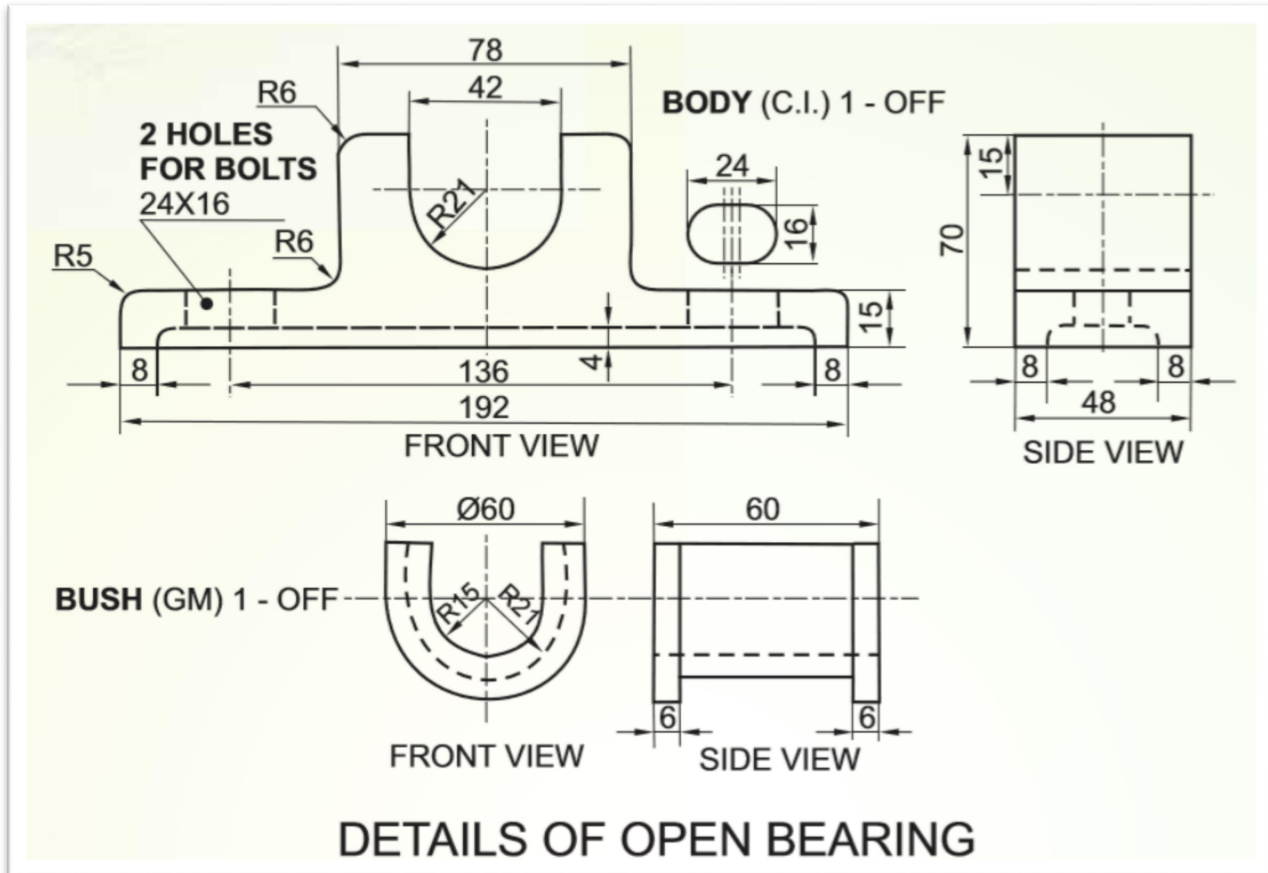


INDIAN SCHOOL MUSCAT
SENIOR SECTION
DEPARTMENT OF ENGINEERING GRAPHICS
CLASS XII

UNIT-4 ASSEMBLY DRAWING

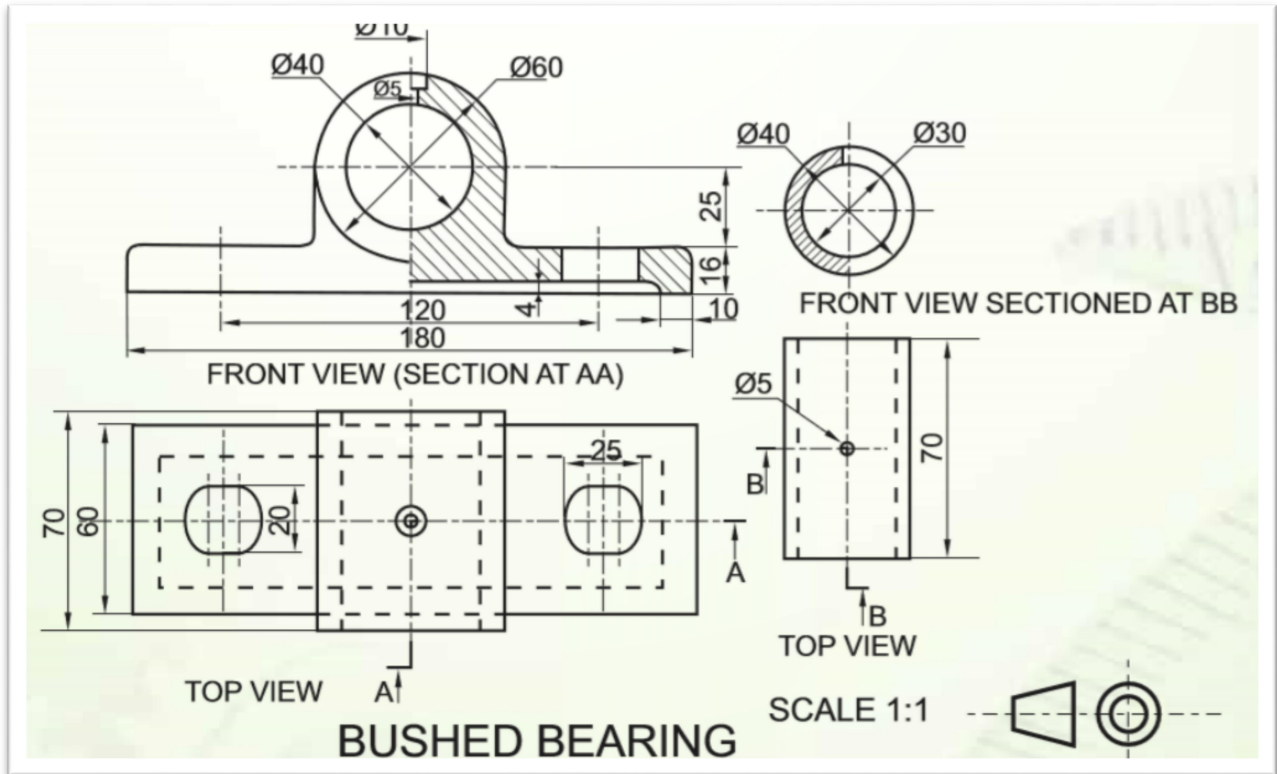
OPEN BEARING

1. Assemble the body and the bush and draw the following views to a scale 1:1.
 - Front view showing left half in section.
 - Top view. Print titles of both and scale used. Draw the projection symbol. Give 8 Important dimensions.



2. Assemble the body and the bush and draw the following views to a scale 1:1.

- Front view showing right half in section.
- Top view. Print titles of both and scale used. Draw the projection symbol. Give 8 Important dimensions.

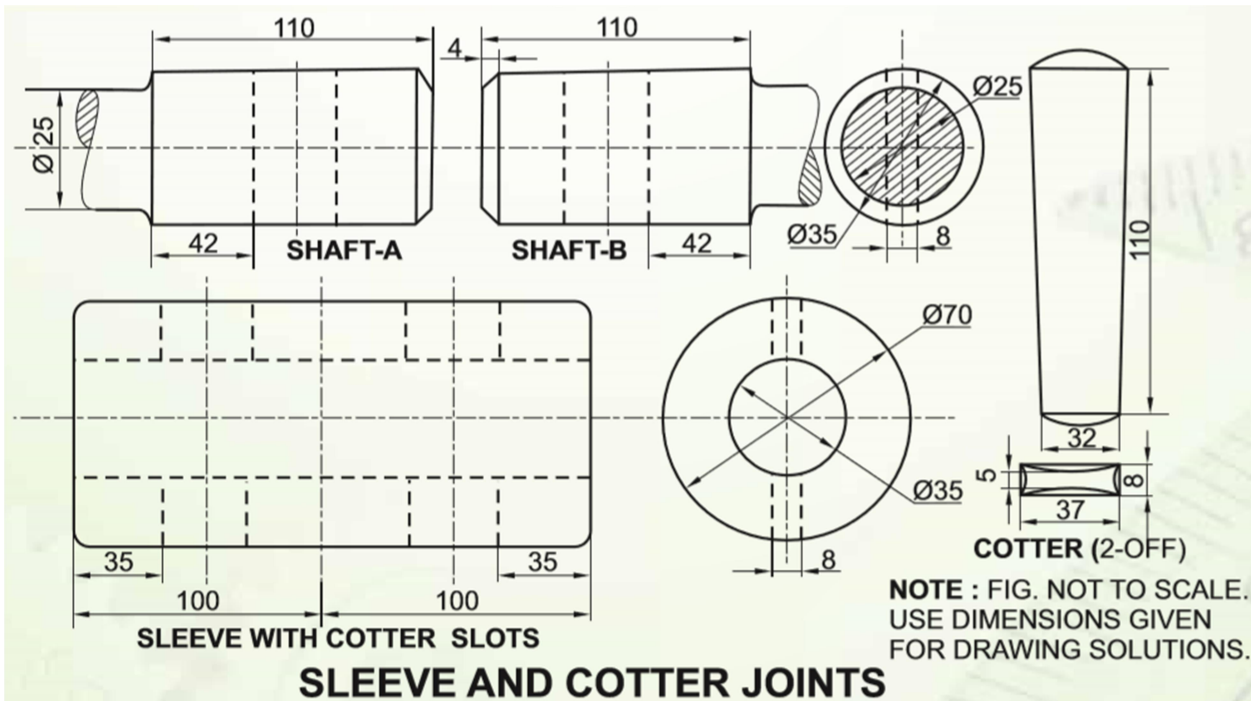


3. Figure given below shows the parts of a Sleeve and Cotter Joint. Assemble the parts correctly and then draw the following views to a scale 1 : 1

(a) Front view, upper half in section.

(b) Side view, viewing from the left.

Print title and scale used. Draw the projection symbol. Give '8' important dimensions.

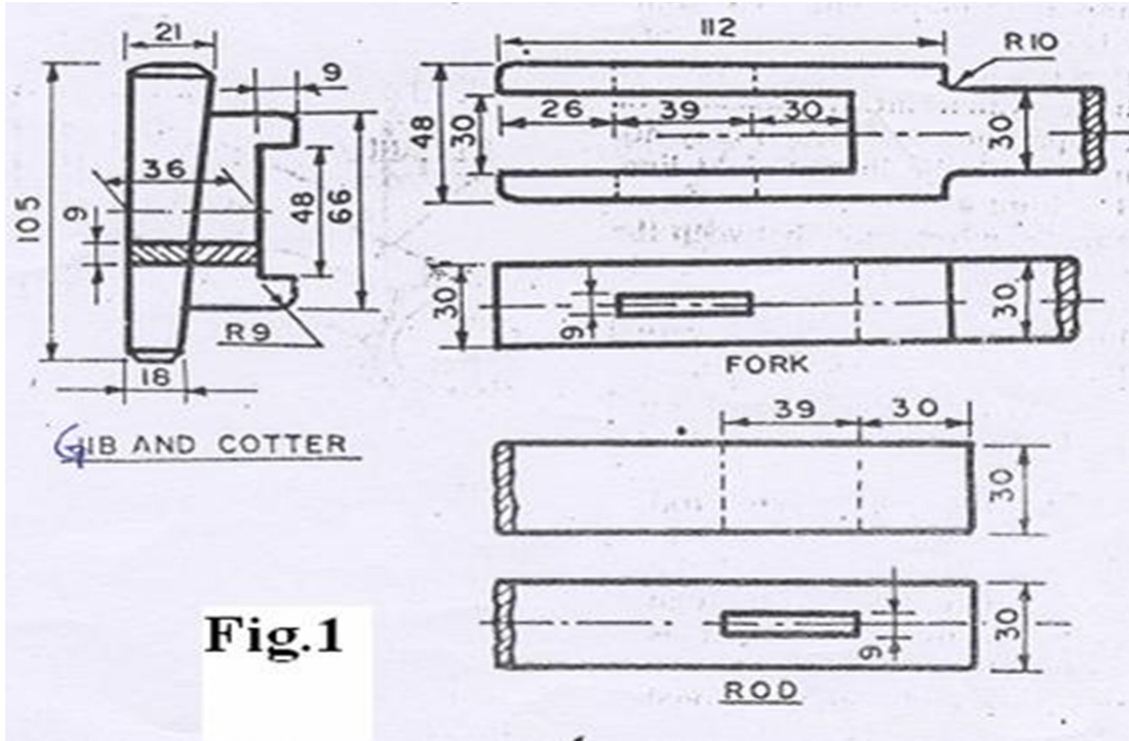


4. The figure shows the detail drawings of different parts of a Gib and Cotter Joint for joining two square rods. Assemble all the parts correctly and draw the following views to scale 1:1

(a) Front view, upper half in section.

(b) Side view, viewing from the left hand side.

(c) Print title, scale used and draw the projection symbol. Give '6' important dimensions.



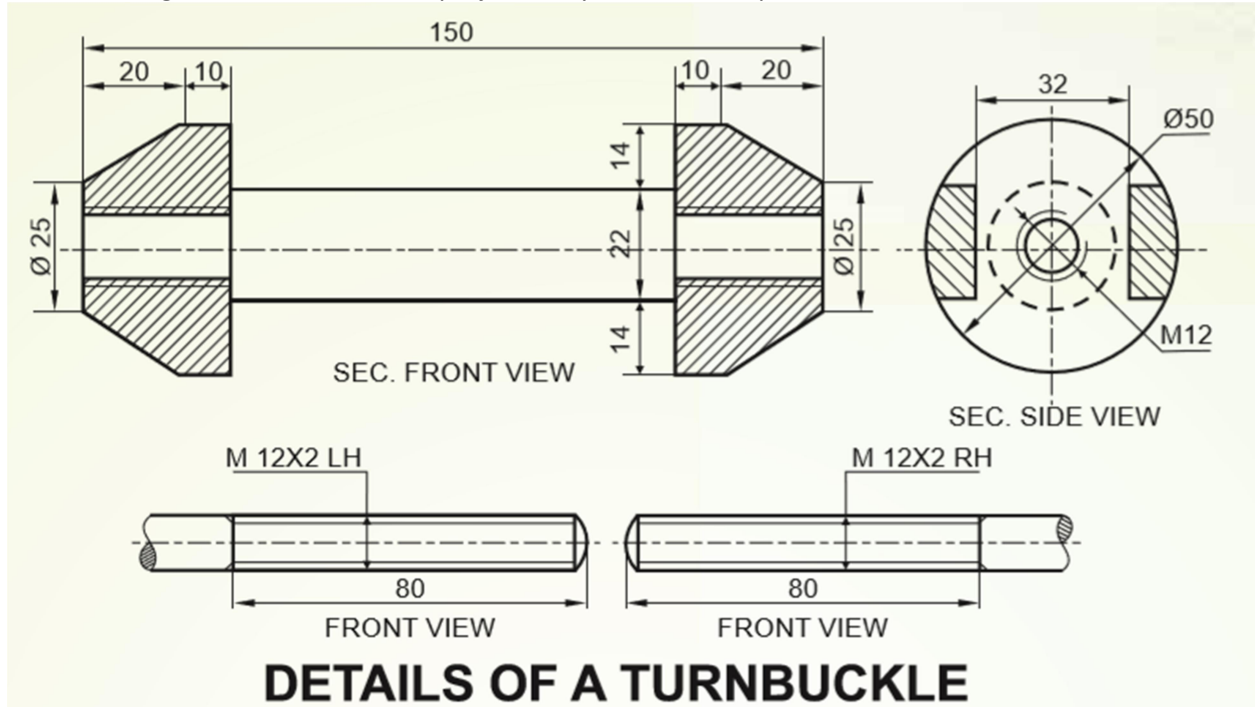
5. Figure shows details of the parts of a Turnbuckle. Assemble these parts correctly and then draw its following views to scale 1:1, inserting 50mm threaded portion of each rod inside the body of Turnbuckle.

(a) Front view, upper half in section.

(b) Top view.

(c) Side view as viewed from left.

Write heading and scale used. Draw projection symbol. Give important dimensions.



6. Figure shows the details of the parts of a Flanged Pipe Joint. Assemble these parts correctly and then draw to scale 1:1, its following views:

- (a) Front view, upper half in section.
- (b) Side view, as viewed from left.

Write heading and scale used. Draw projection symbol. Give six important dimensions

