

No. of Printed Pages : 4
Roll No.

MSIL121734/031734

3rd Sem. / Mech. Engg. (MSIL)

Subject : Machine Drawing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory. (10x2=20)

- Q.1 Define upper limit. and Lower limit
- Q.2 Define interference fit.
- Q.3 Define the hatching.
- Q.4 Define flexible coupling.
- Q.5 Draw the convention of diamond knurling.
- Q.6 What is function of cast iron pipe?
- Q.7 Names the main parts of machine vice.
- Q.8 What is main function of blow-off cock in boiler?
- Q.9 Name the main parts of screw jack.
- Q.10 Write the main function of drill jig.

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SECTION-B

Note: Long answer type questions. Attempt any four questions out of five questions. (20x4=80)

Q.11 Draw the free hand sketch of bushed bearing.

Q.12 Draw the free hand sketch of flanged pipe joint.

Q.13 Draw the free hand sketch of fast and loose pulley.

Q.14 Fig. 1 shows the detail drawing of universal coupling.
Draw the following assembled views:

- a) Front view full in section
 - b) top view.

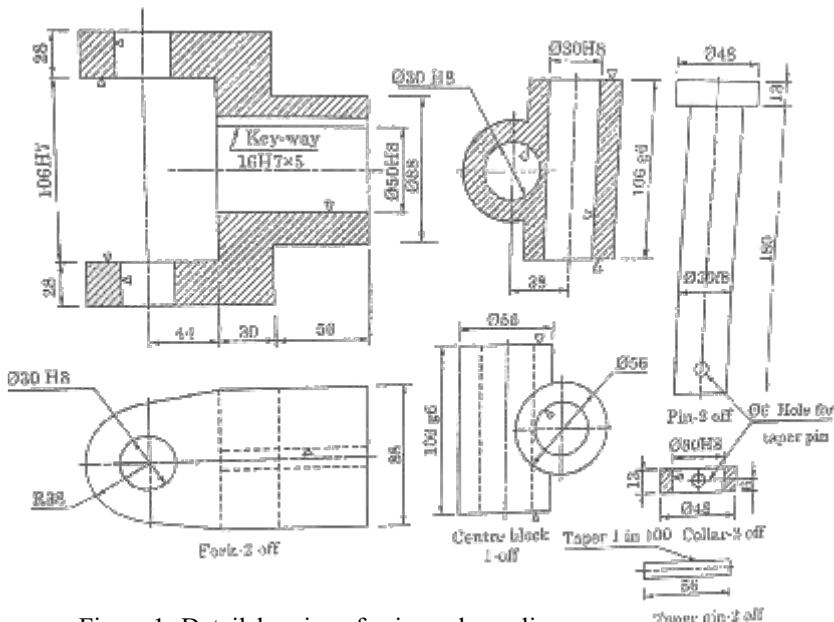


Figure 1 : Detail drawing of universal coupling

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Q.15 Fig. 2 shows the detail drawing of screw jack. Draw the following assembled views:

- a) Front view full in section
 - b) top view.

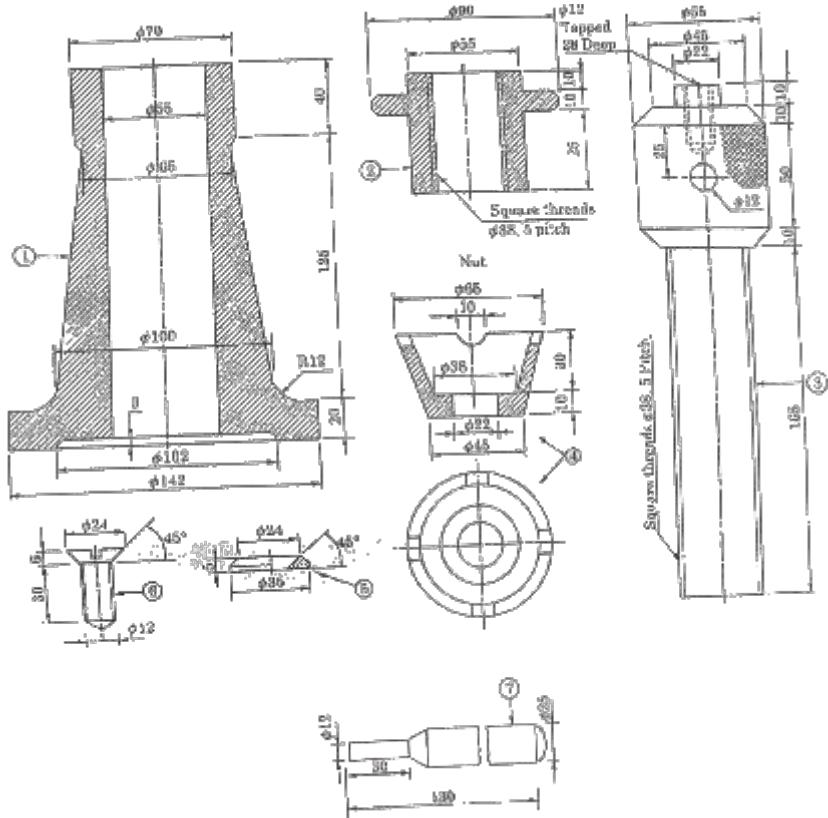


Figure2. Detail drawing of screw jack.

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