

Code No: R1622035

R16**SET - 1****II B. Tech II Semester Regular Examinations, November - 2018****MACHINE DRAWING**

(Com to ME, AME)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answer any Two questions in **Part-A**– 10x2 = 20 marks3. Question from **Part-B** is compulsory - 50x1= 50 marks

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**PART -A**

1. a) Sketch the following thread profiles taking pitch 30mm. (5M)
  - (i) ACME
  - (ii) Sharp V
- b) Draw the isometric view of any two feather keys. (5M)
- 2 Sketch the required views of Oldham coupling indicating proportions, (10M)  
used to connect two shafts, each of diameter 30 mm.
- 3 Draw (a) sectional view from the front and (b) view from the above of Single (10M)  
riveted lap joint with plate thickness 10mm.

**PART -B**

2. a) Assemble all parts of the machine vice, shown in Fig. 1 and draw the (50M)  
following views:
  - (i) Half sectional view from the front, and
  - (ii) View from above.

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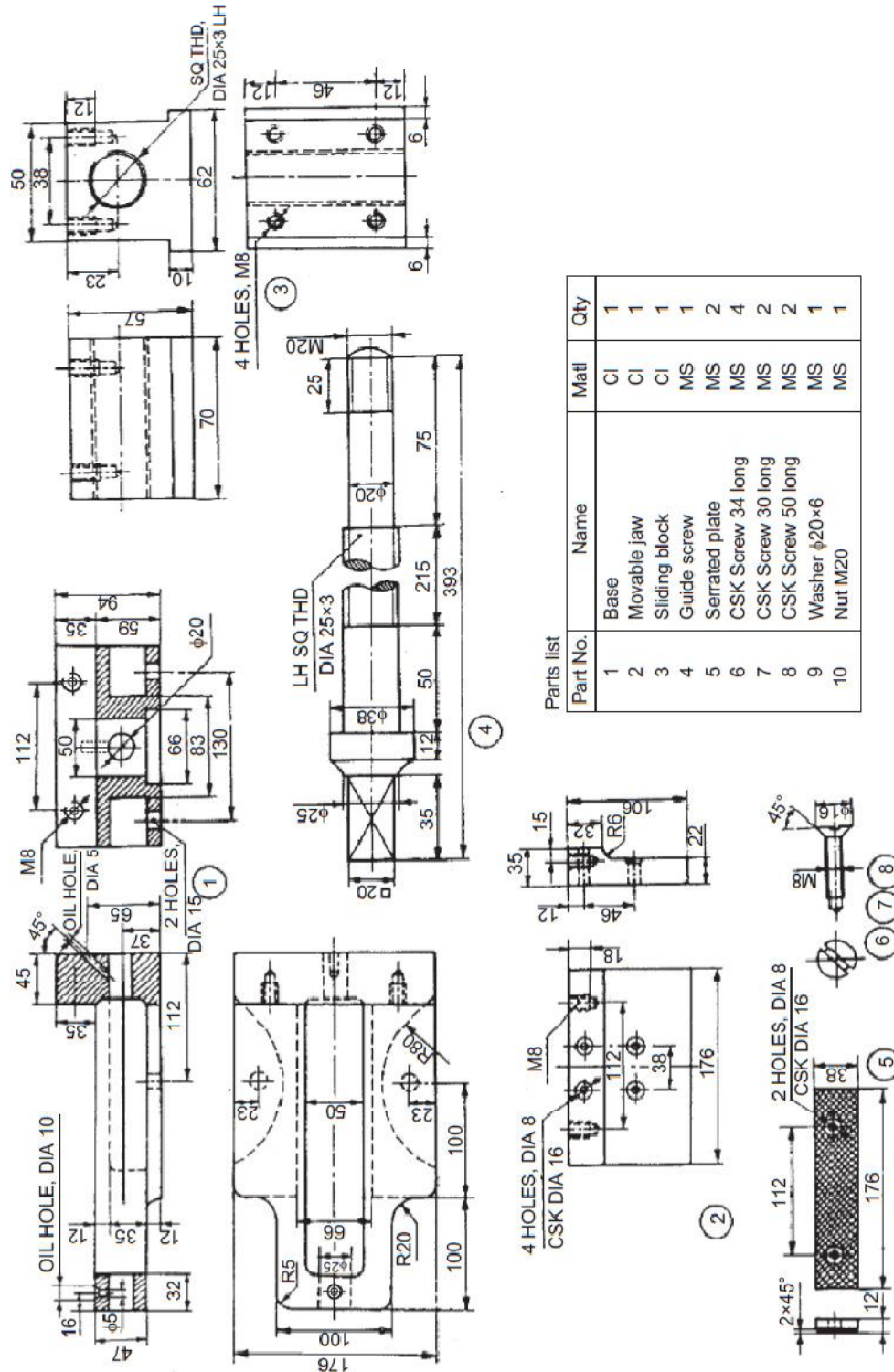


Fig. 1 Machine vice