

R16

Code No: 134BJ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B.Tech II Year II Semester Examinations, May - 2019****MACHINE DRAWING****(Mechanical Engineering)****Time: 3 hours****Max. Marks: 75****Answer any THREE questions from Part-A
Part-B is Compulsory**

- - -

PART-A**(30 Marks)**

1. Draw the top view and sectional front view of a double plated, double riveted zig zag rivet joint. Consider thickness of plates as 15 mm. [10]
2. Sketch the conventional representation of atleast four different thread forms. [10]
3. Sketch the various methods of fitting a feather key in position. [10]
4. Draw:
 - a) half sectional view from the front, top half in section and
 - b) half sectional view from the side, left half in section, of a split-muff coupling, indicating proportions to connect two shafts, each of diameter 50 mm. [10]

PART-B**(45 Marks)**

5. The details of eccentric given in the following. Draw the following assembled views.
 - a) half sectional front view (bottom half in section)
 - b) Top view
 - c) Side view.All dimensions are in mm. [45]

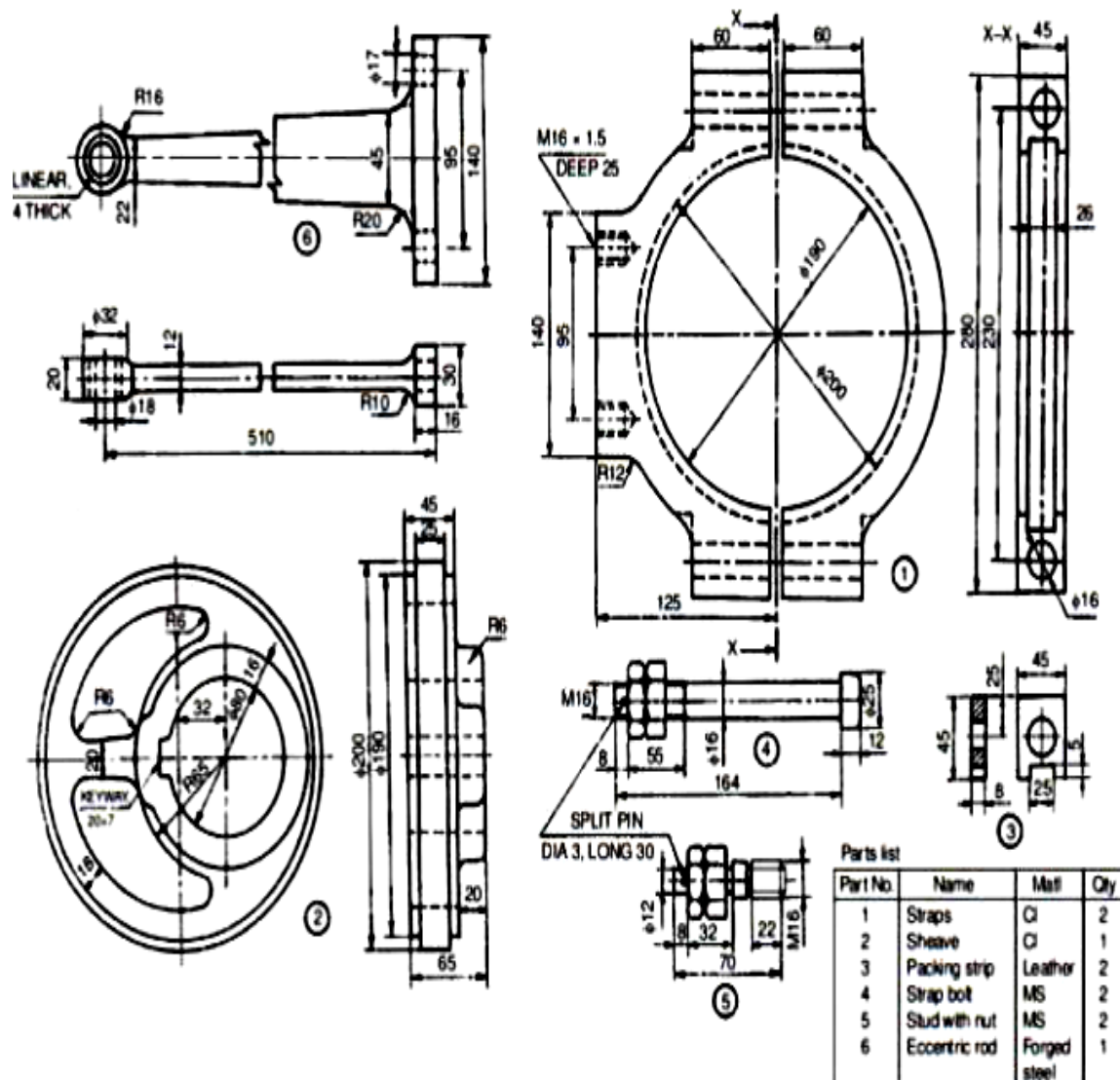


Fig. 18.8b Details of an eccentric

---ooOoo---