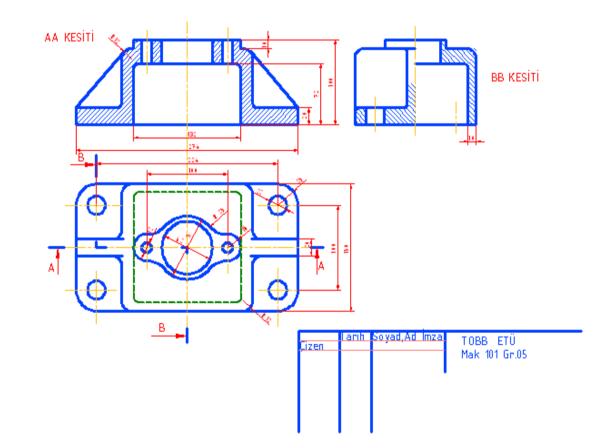
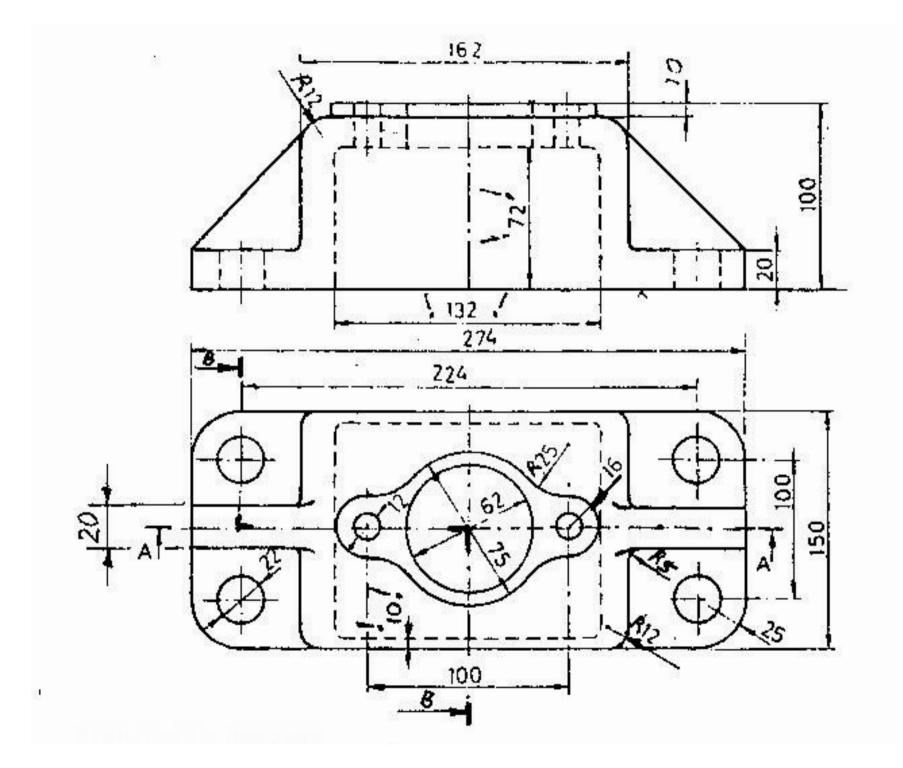
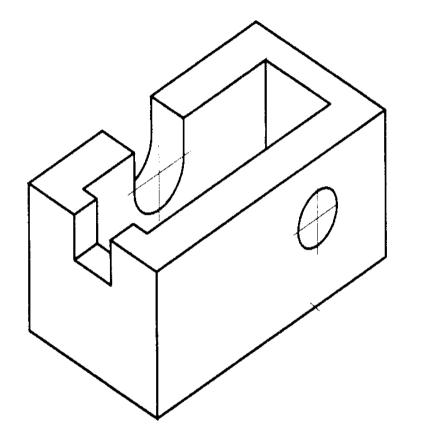
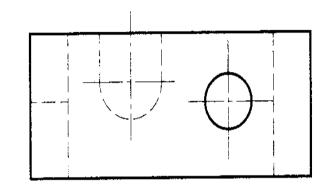
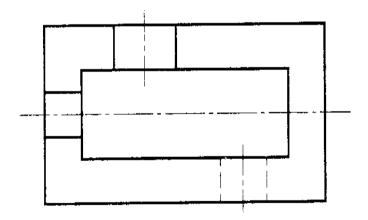
SECTIONAL VIEWS

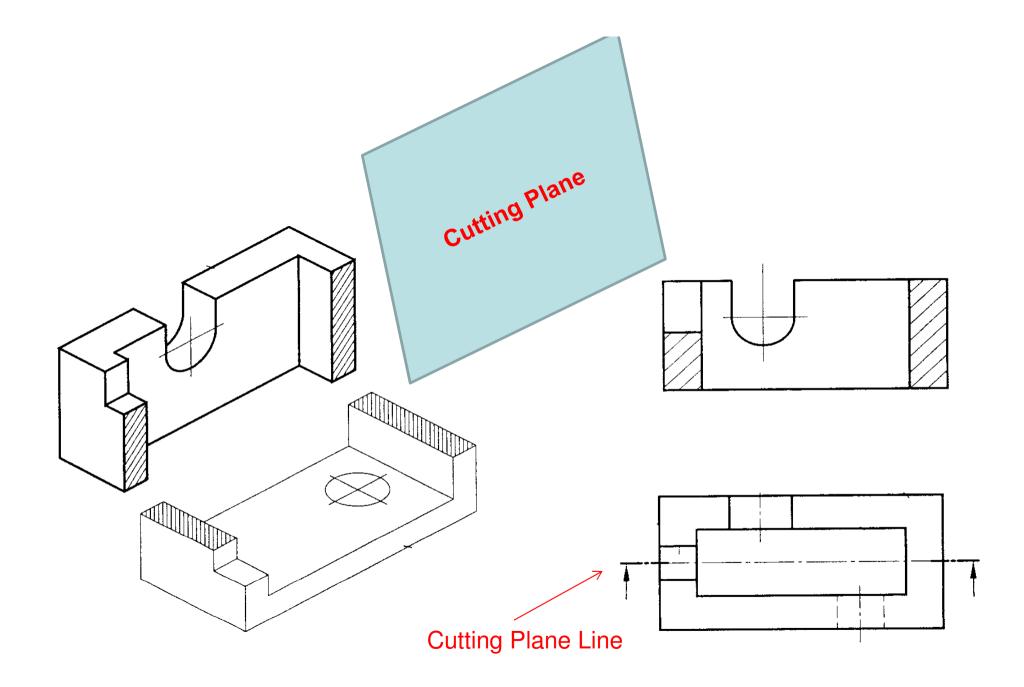


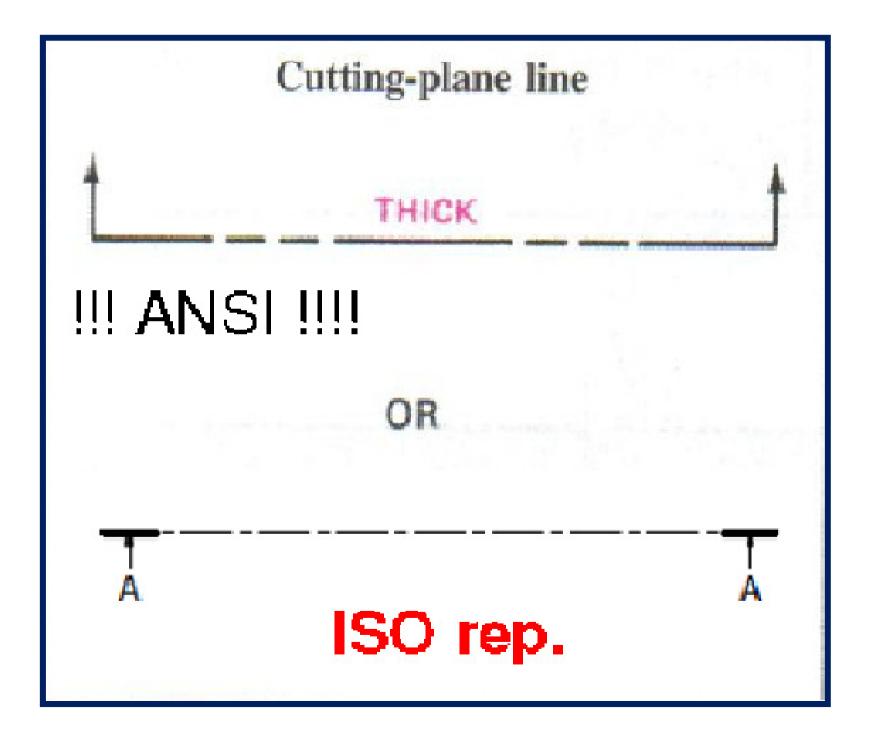


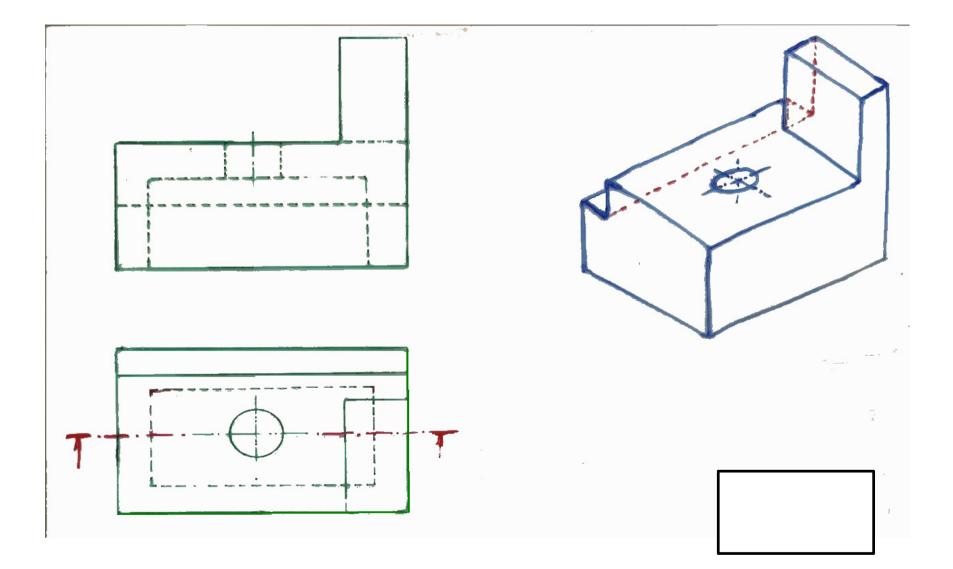


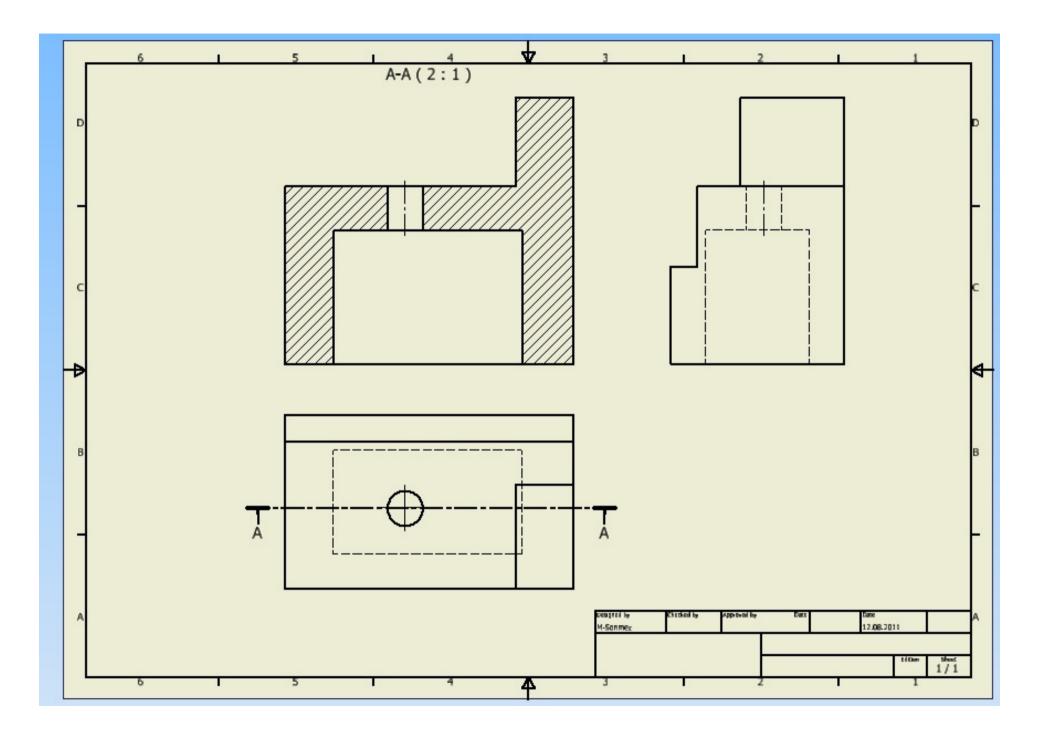


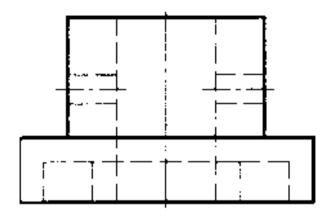


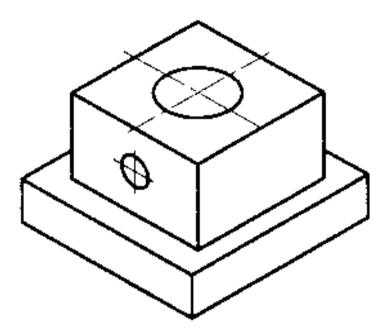


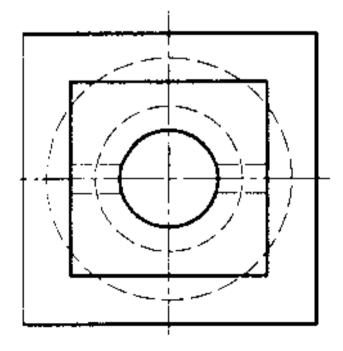


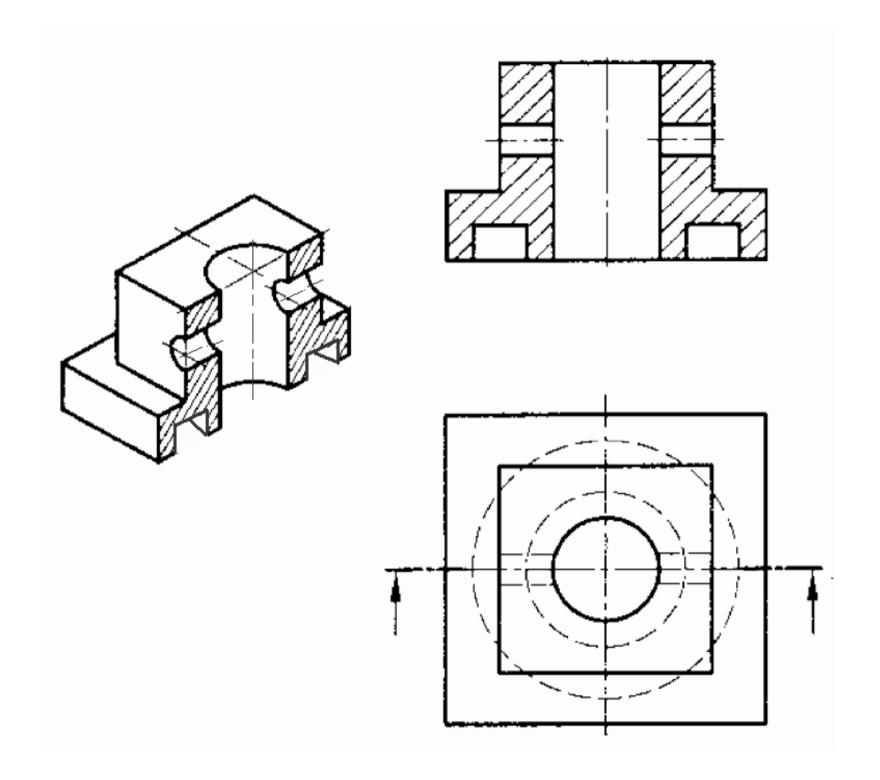


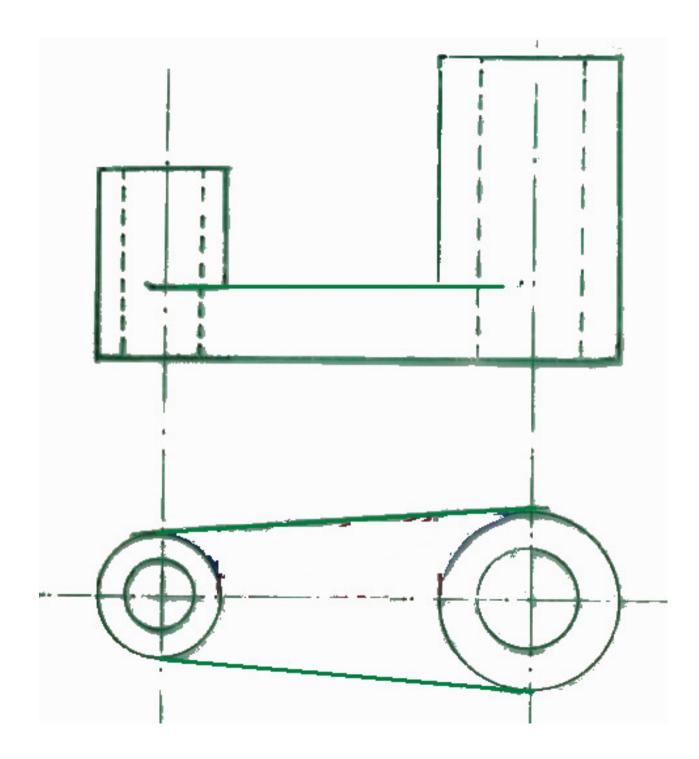


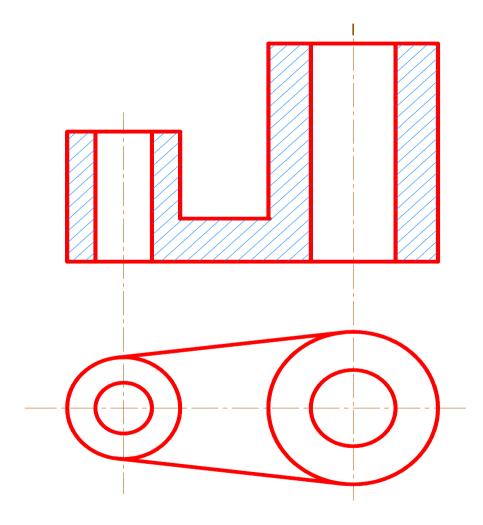


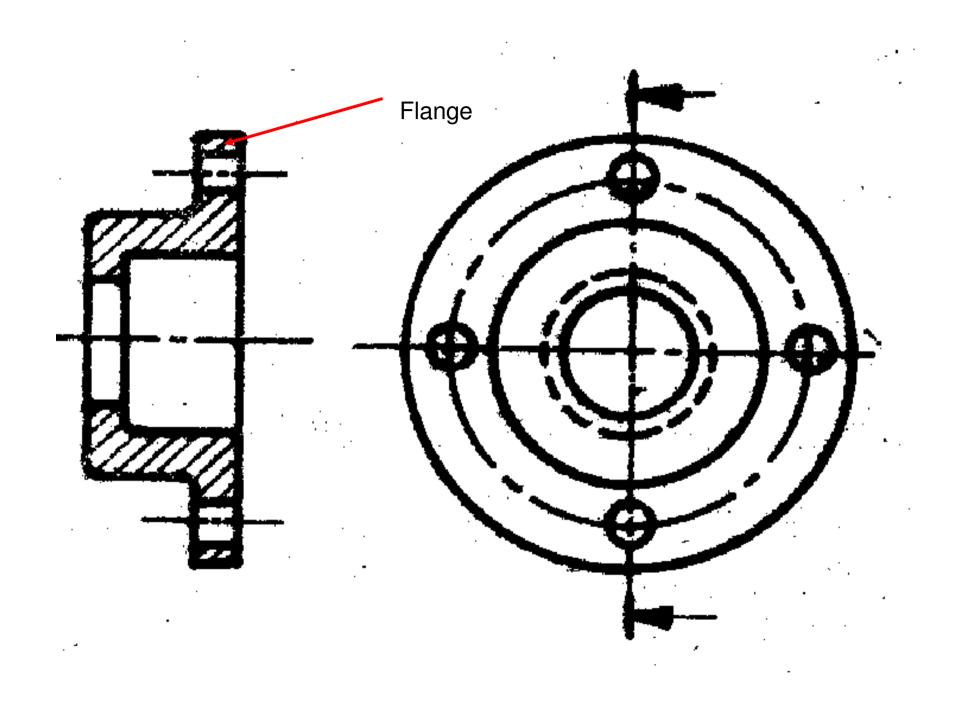


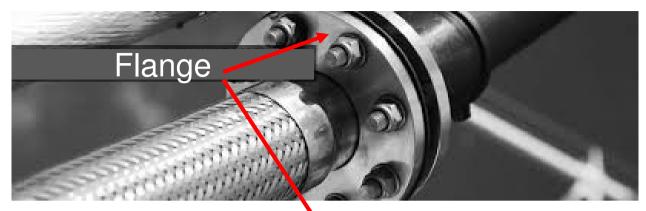






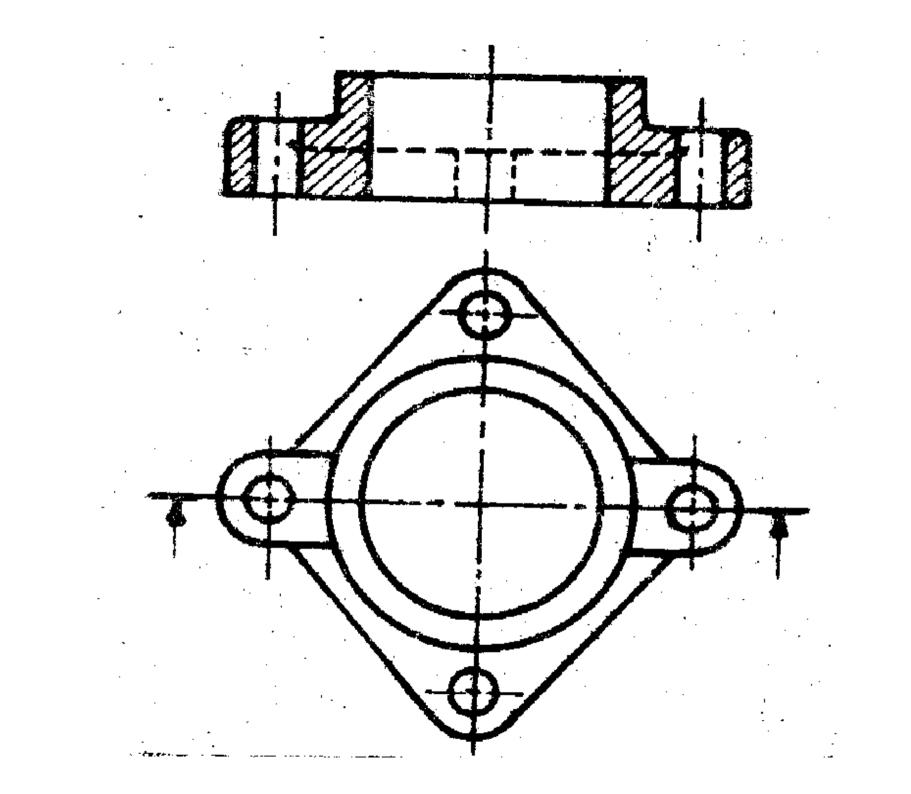


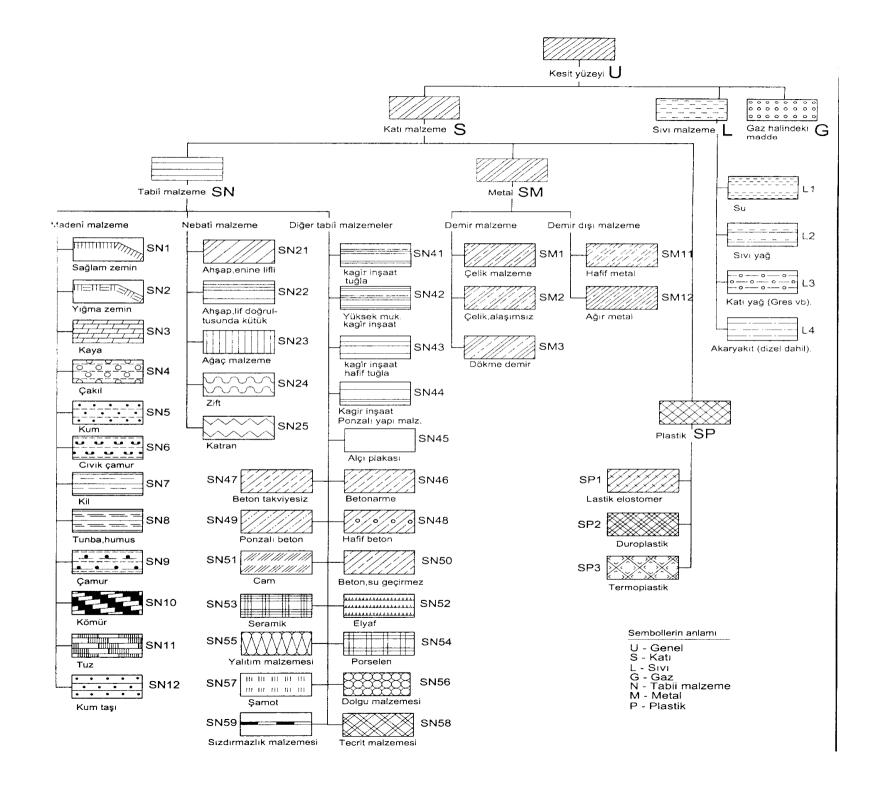


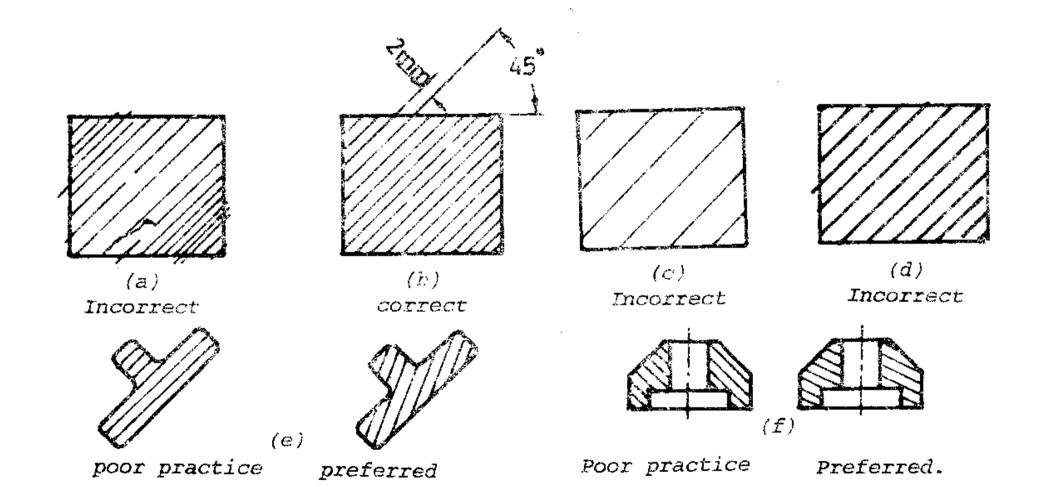






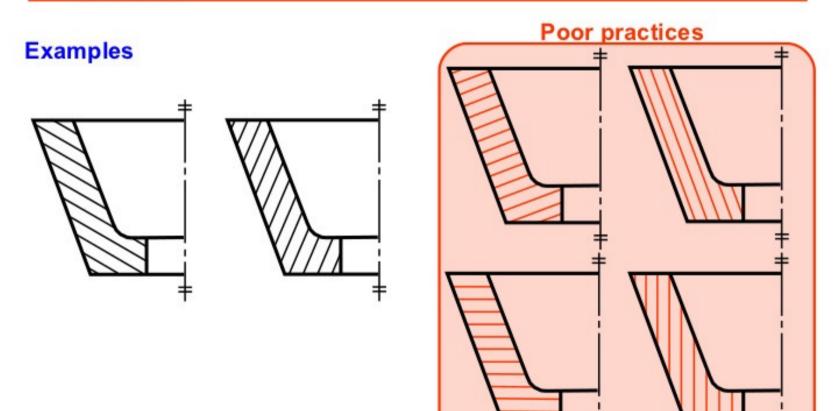


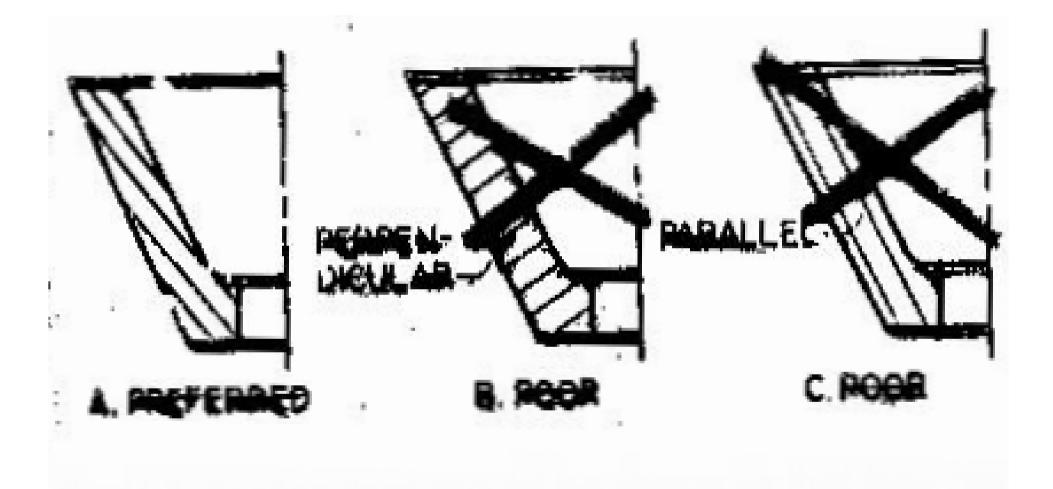




Section lining : Recommended practice 2

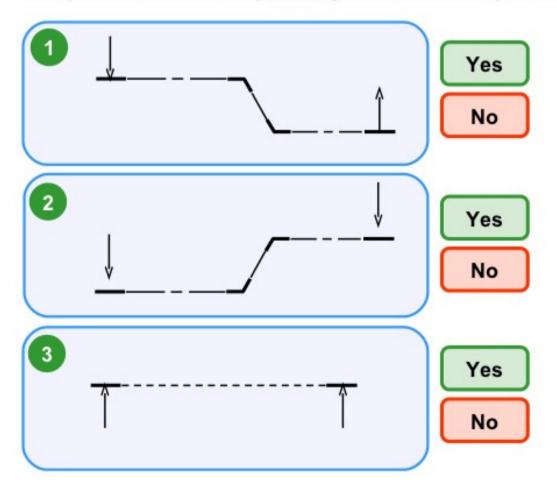
It should not run parallel or perpendicular to contour of the view.

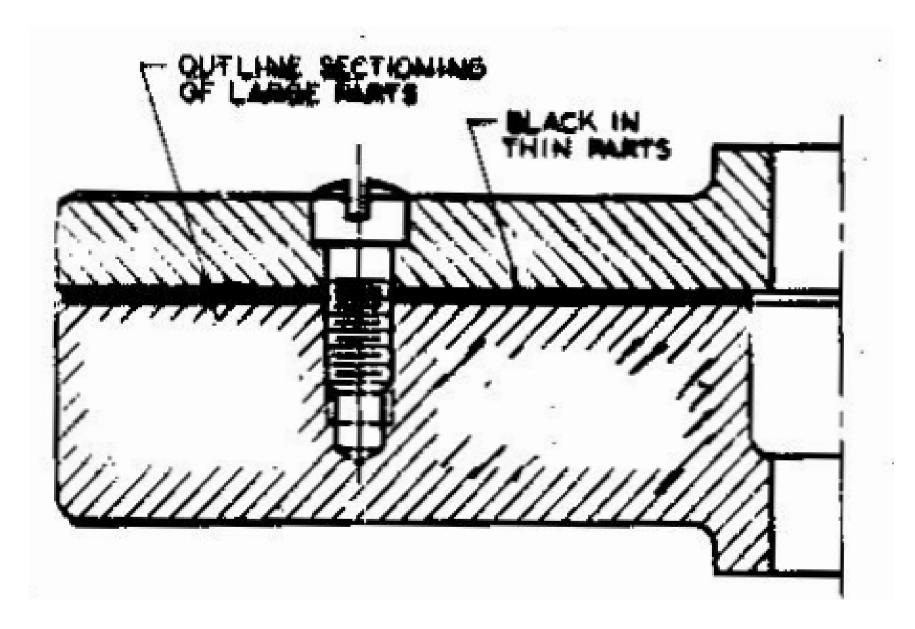


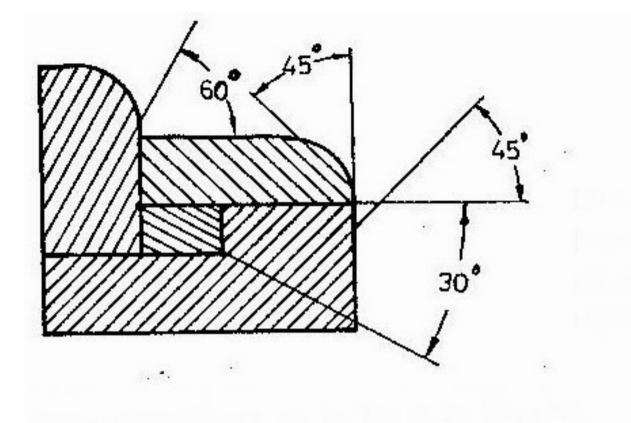


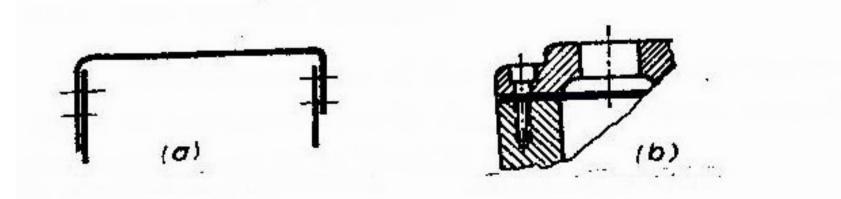
Class activity

Do you find something wrong in the following cutting plane lines?

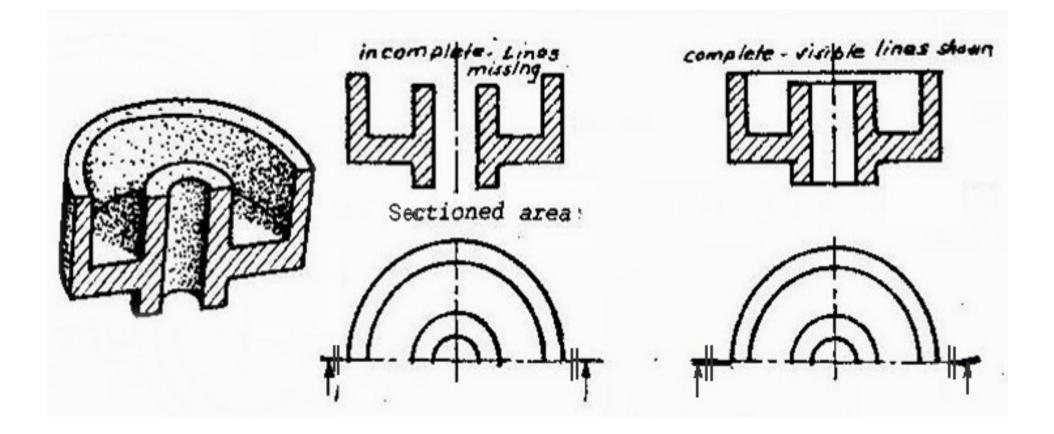




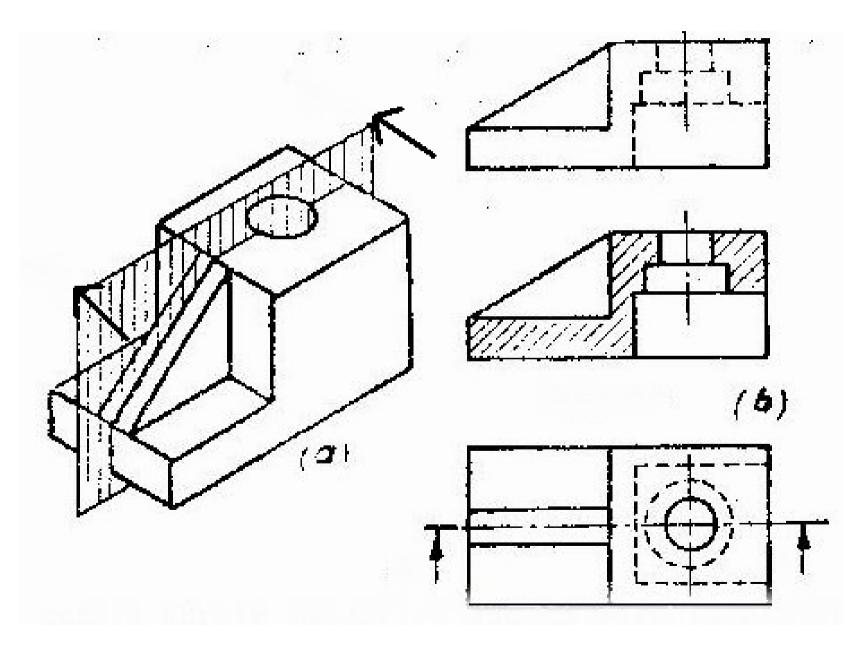


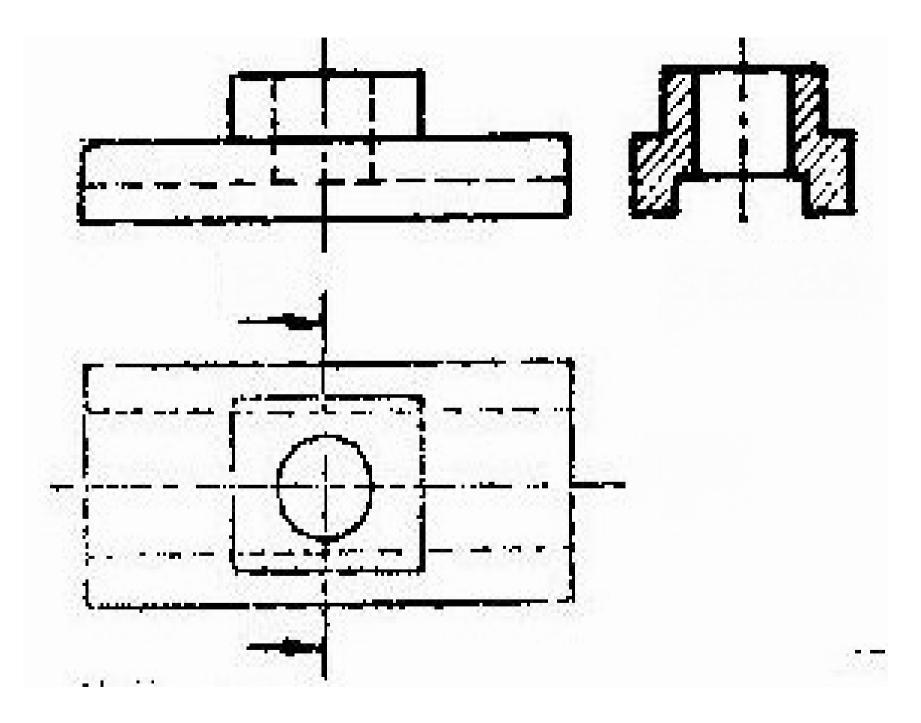


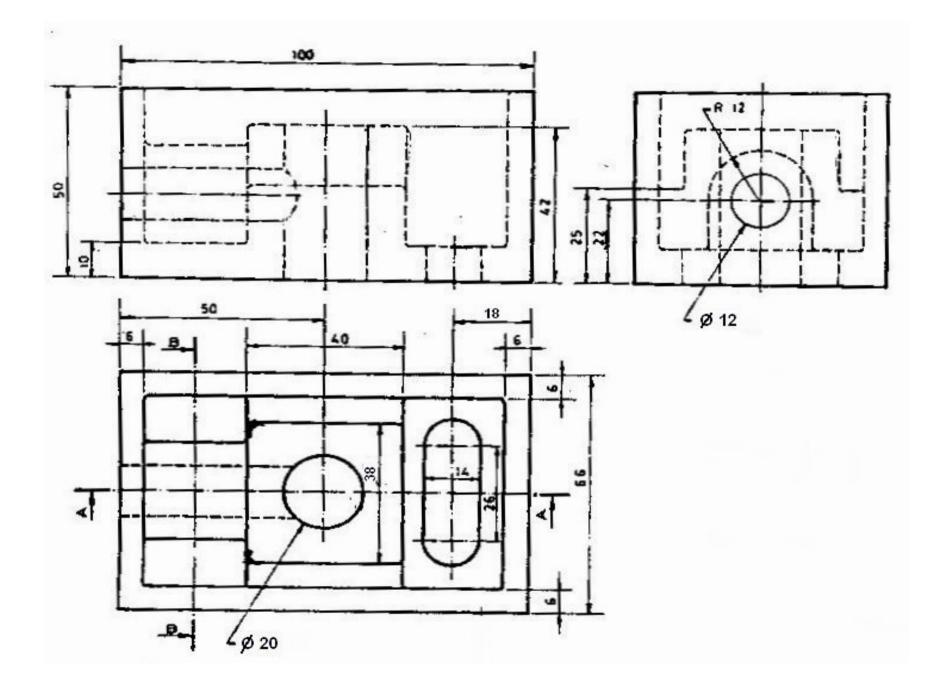
C)



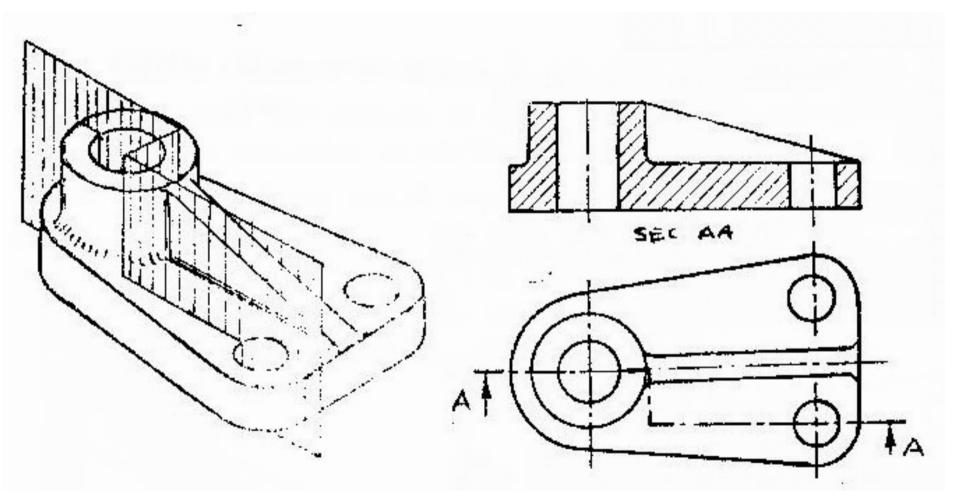
Full Sectional View



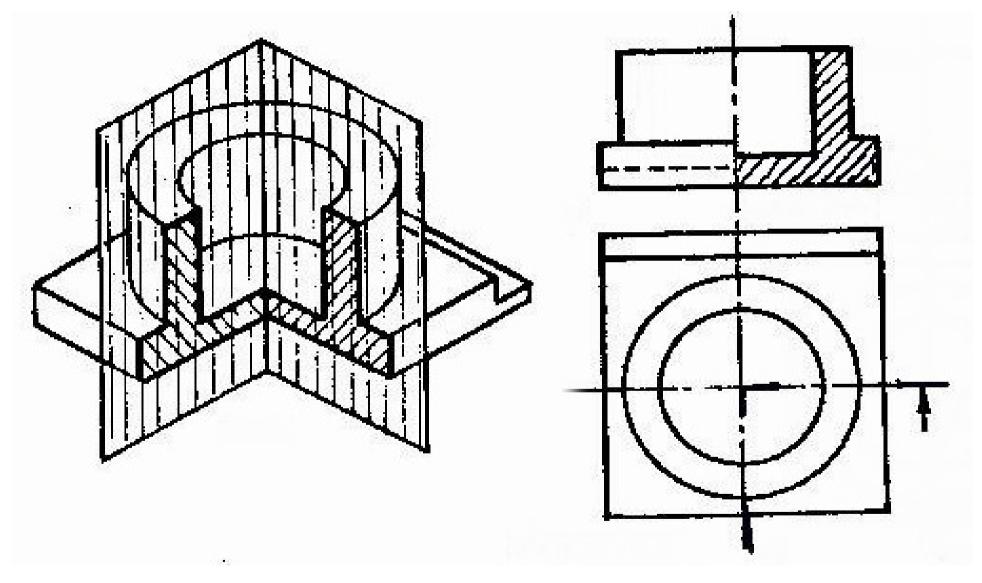


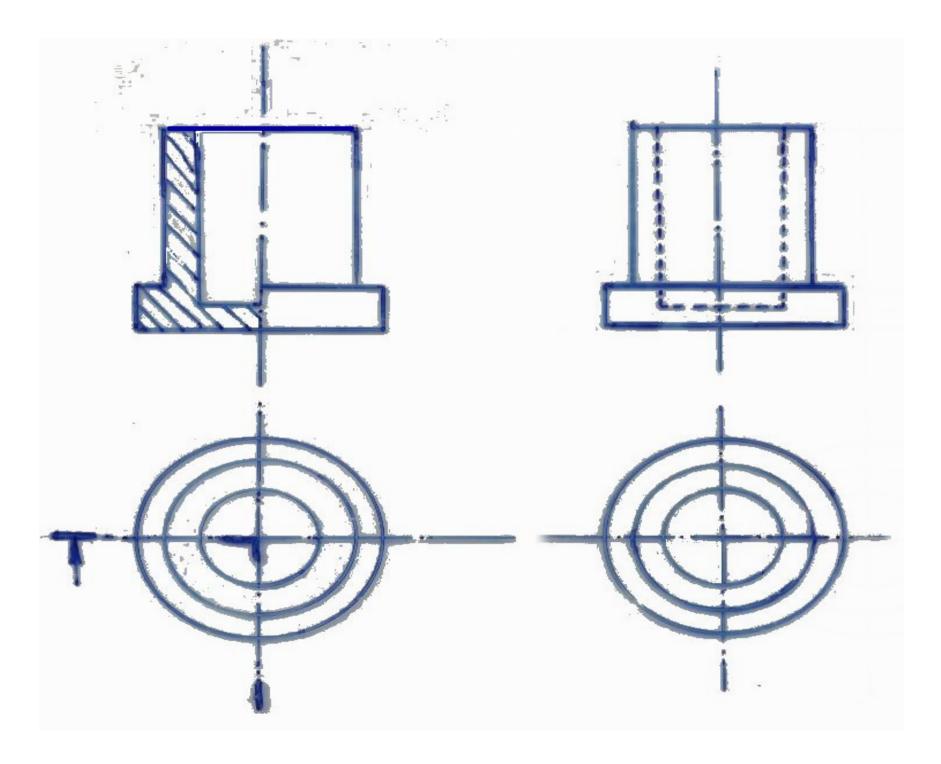


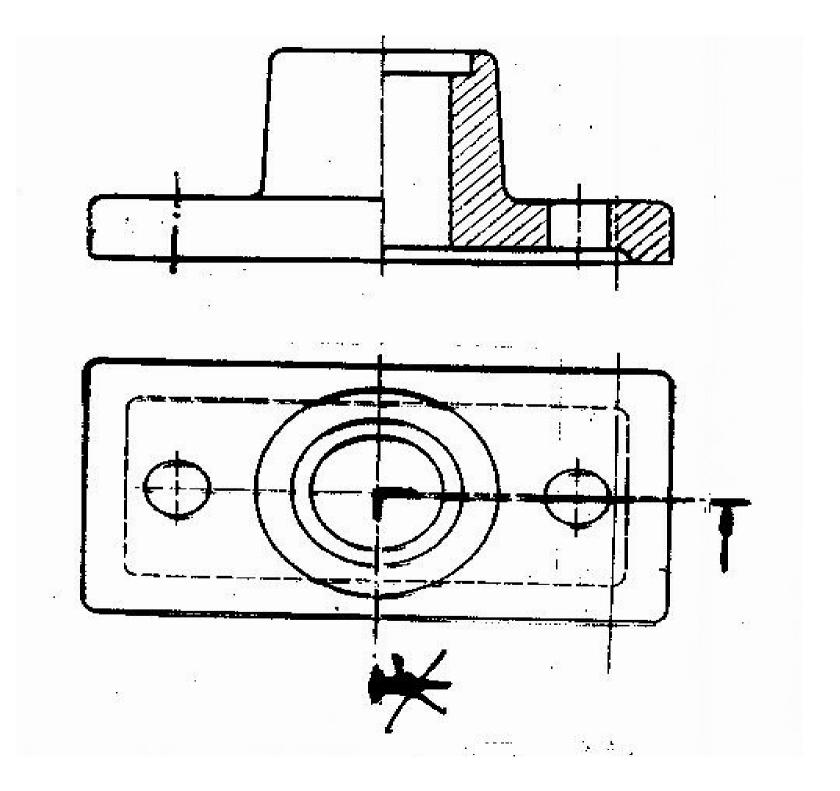
Offset Sectional View



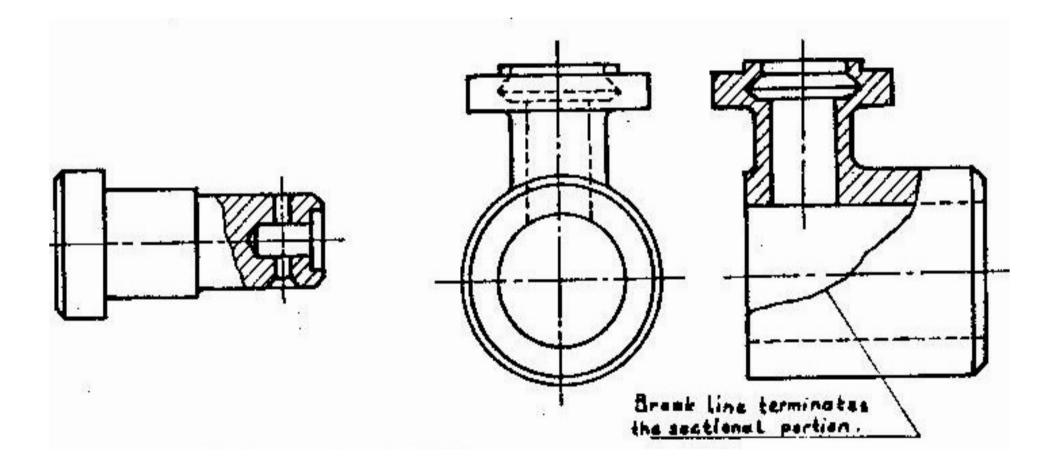
Half Sectional View





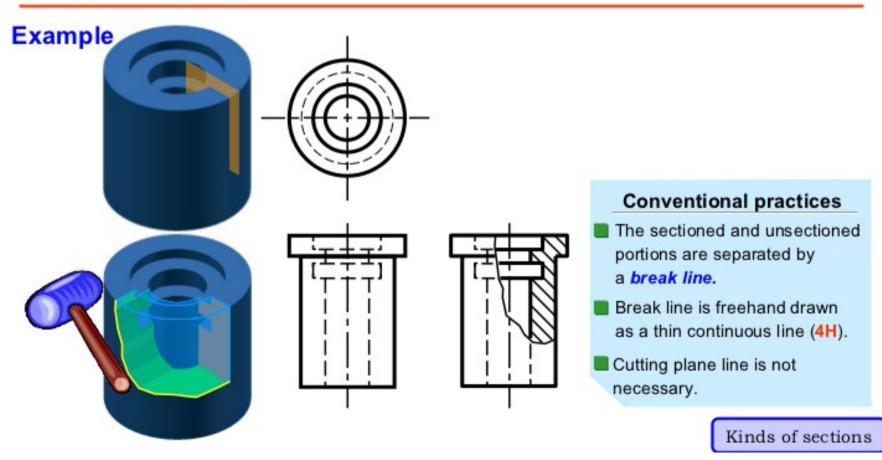


Broken-Out Sections

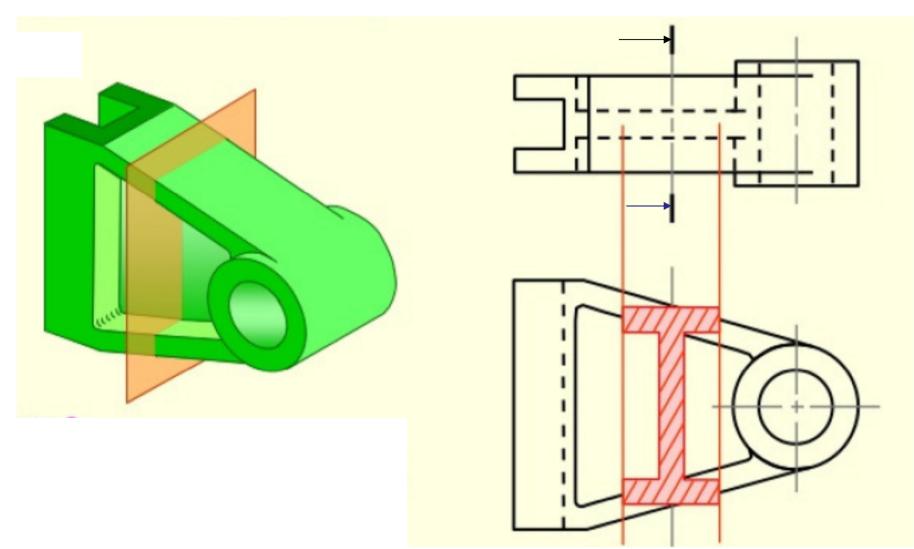


Broken-out section : Concept & example

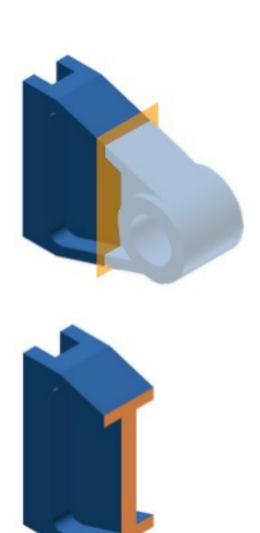
A section view is made by passing the cutting plane normal to the viewing direction and removing the portion of an object in front of it.

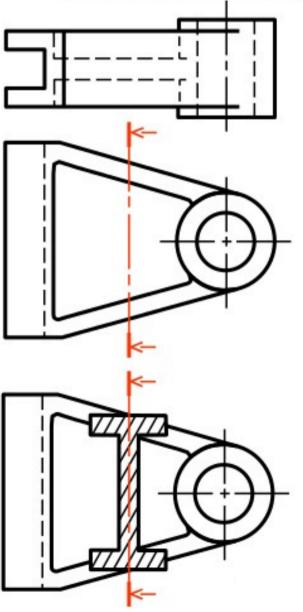


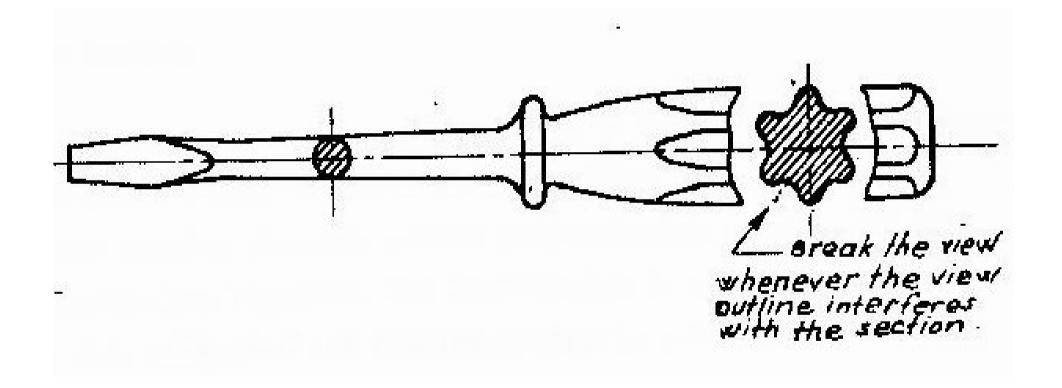
Revolved Sections



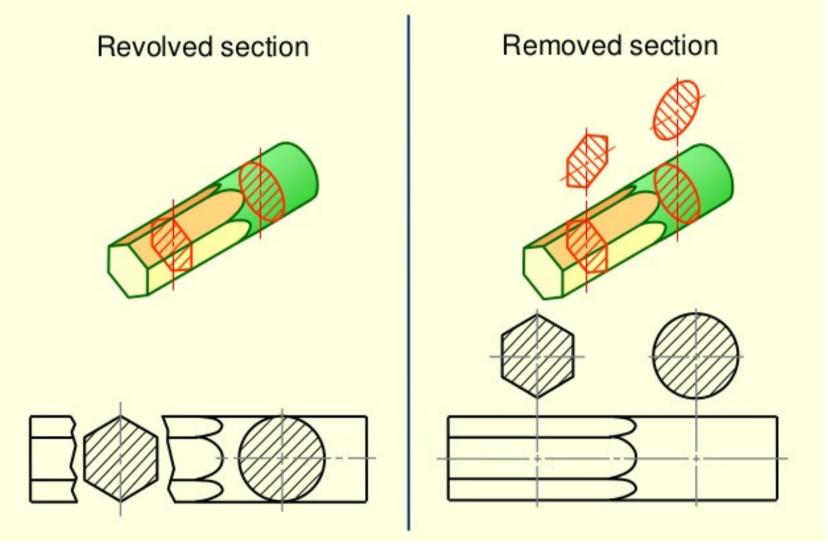
Revolved section :

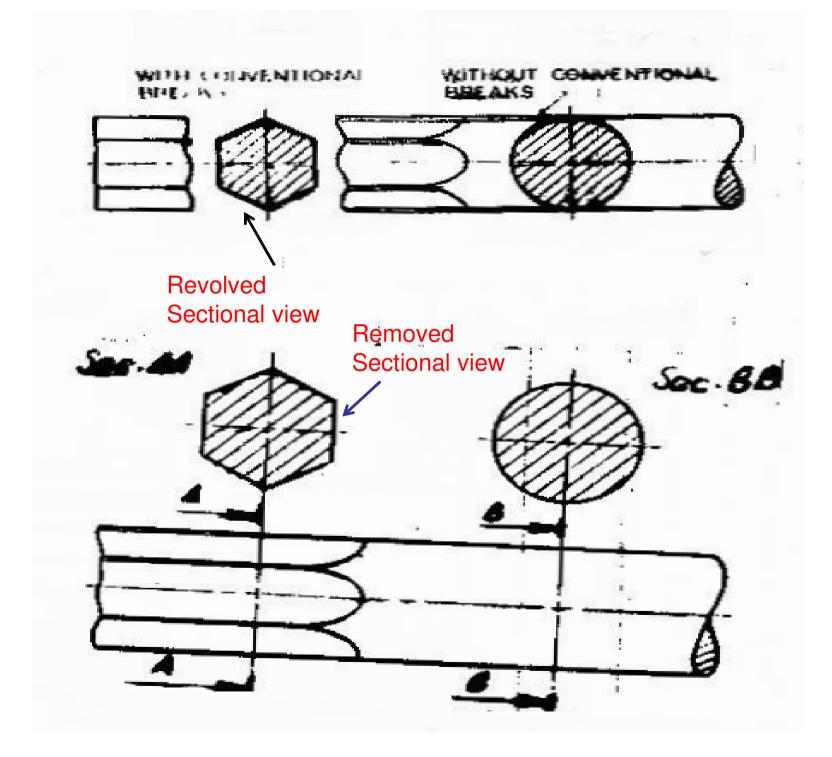


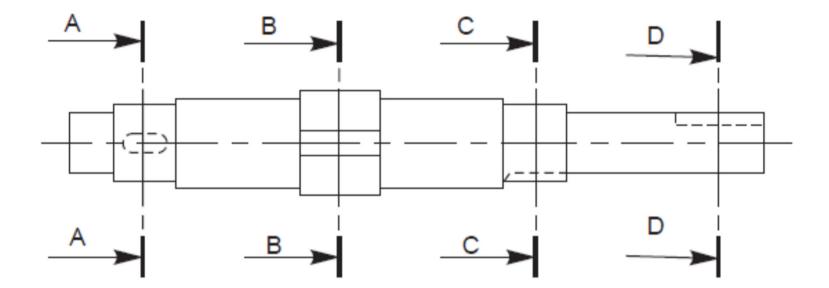


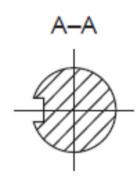


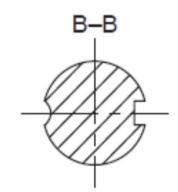
REMOVED SECTION VIEW

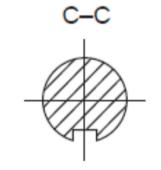


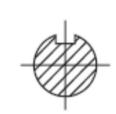




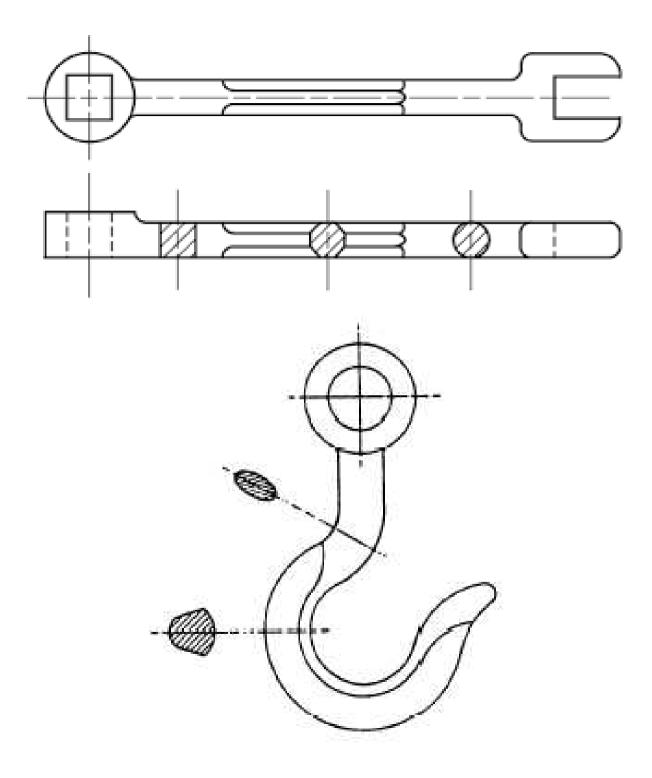




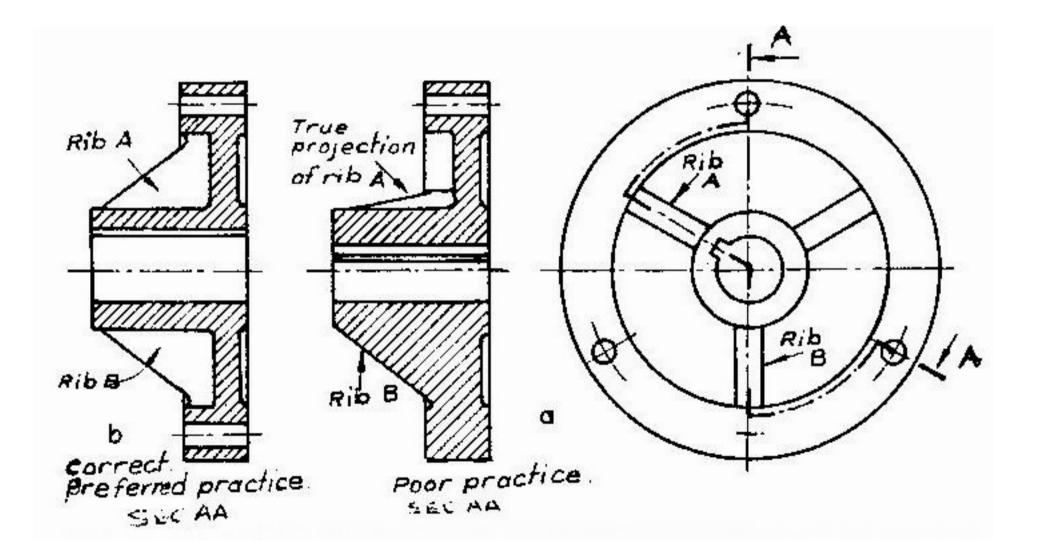


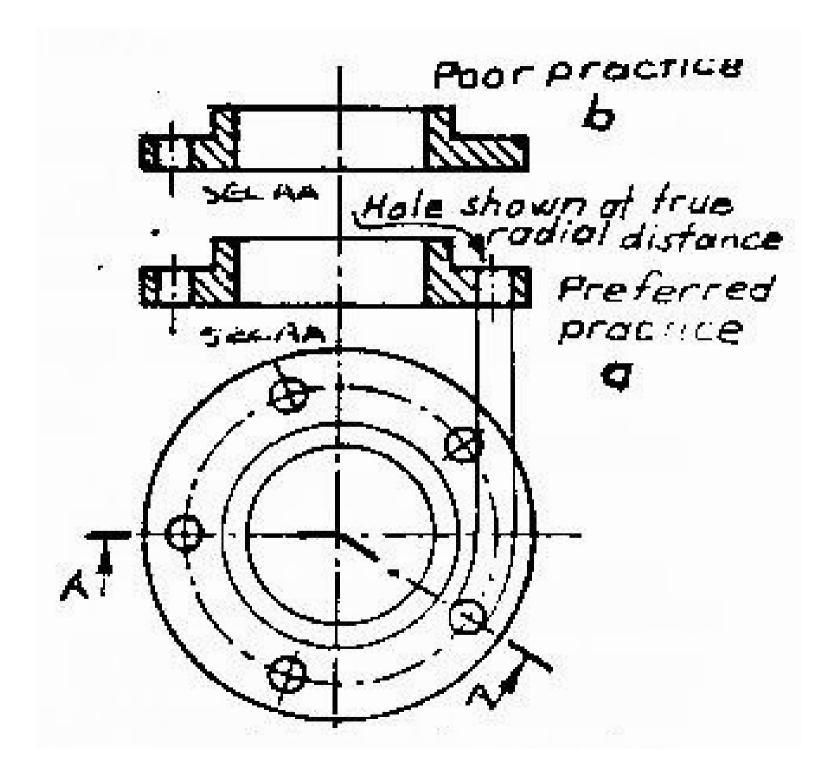


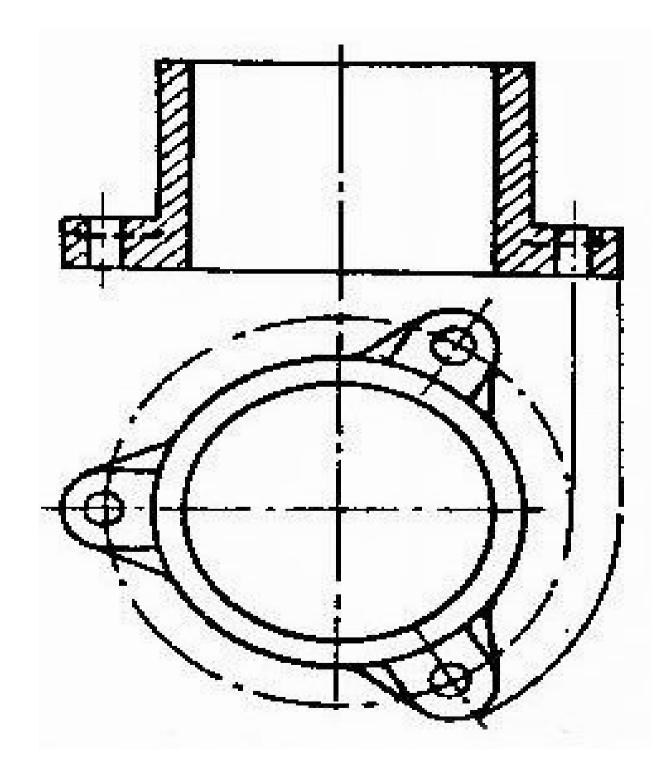
D–D



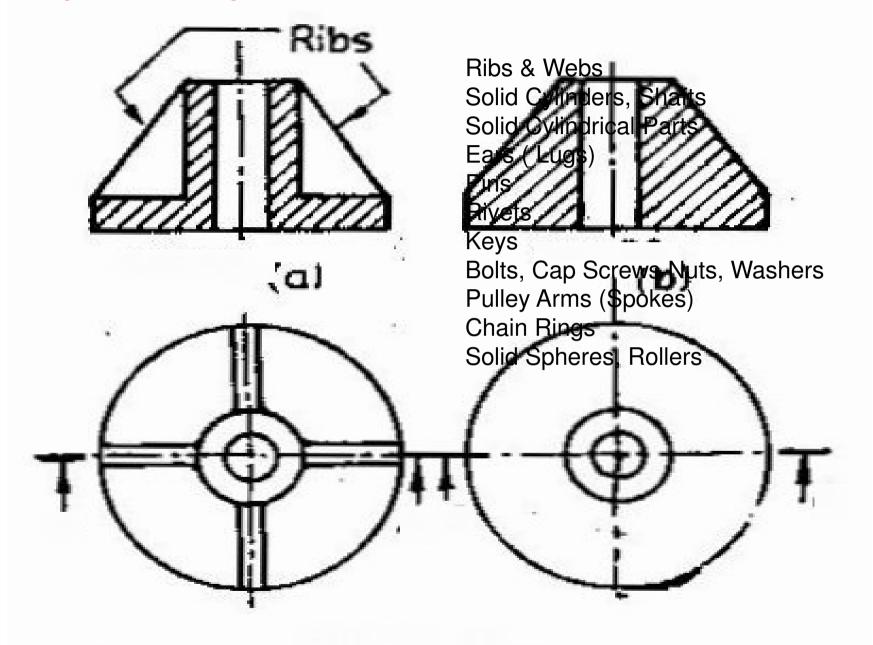
Alined Sections

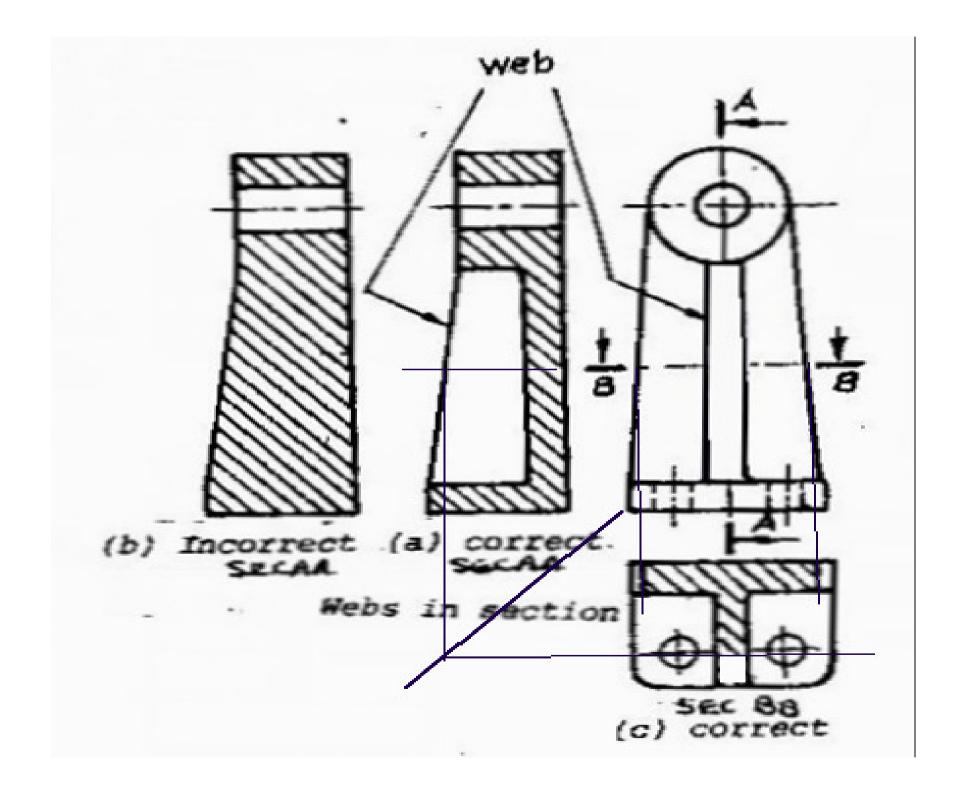


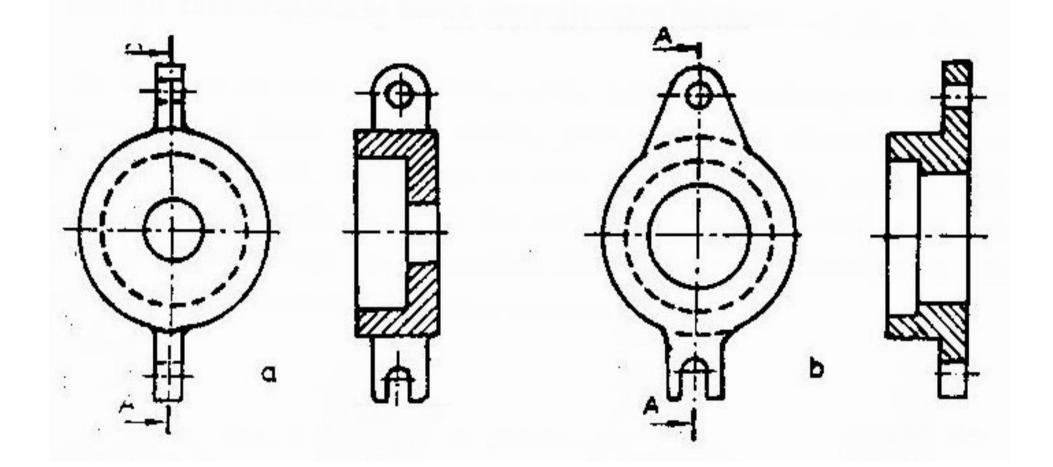




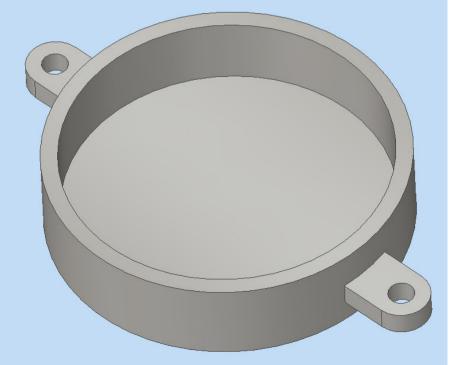
Special Hatching Convention for Some Machine Elements/ Parts

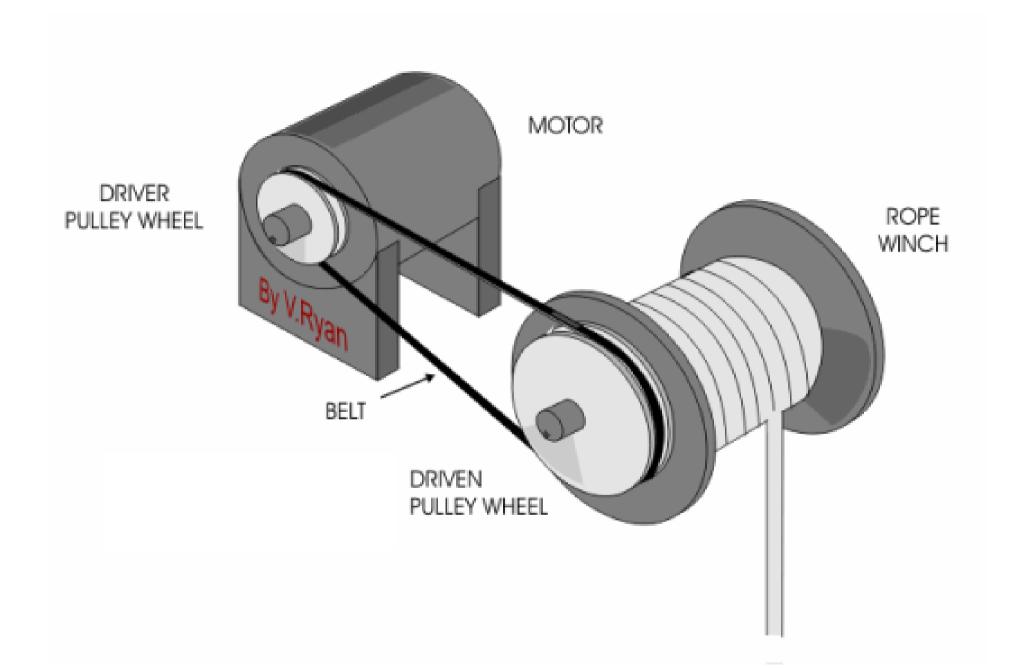


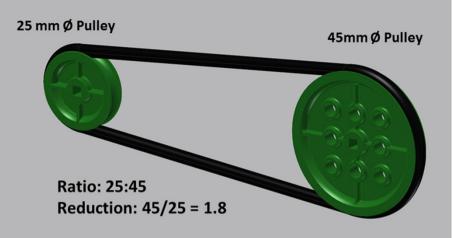




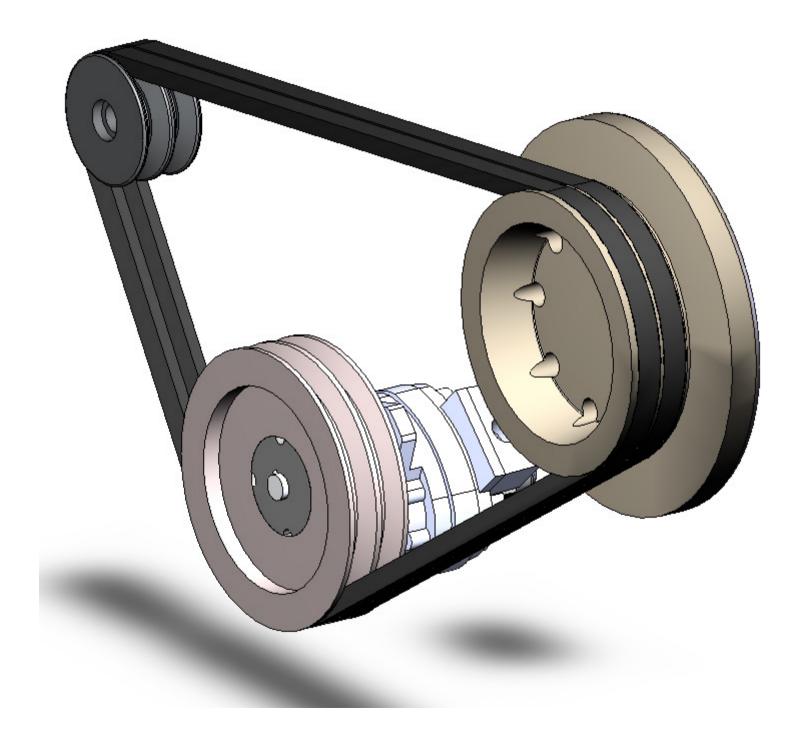


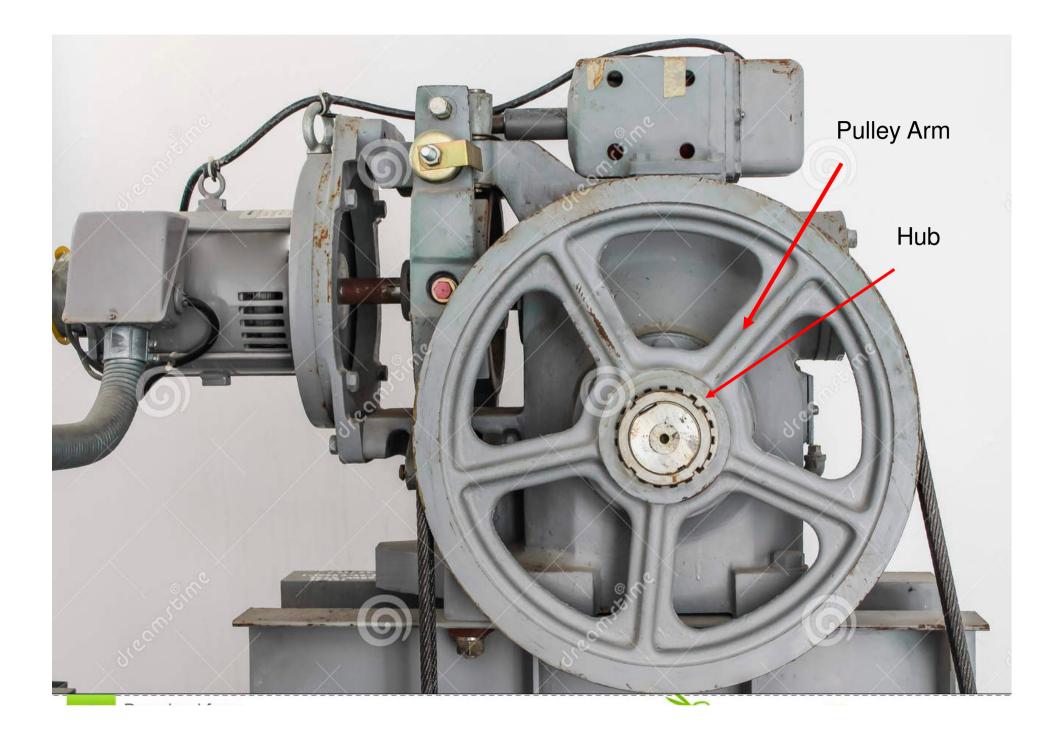


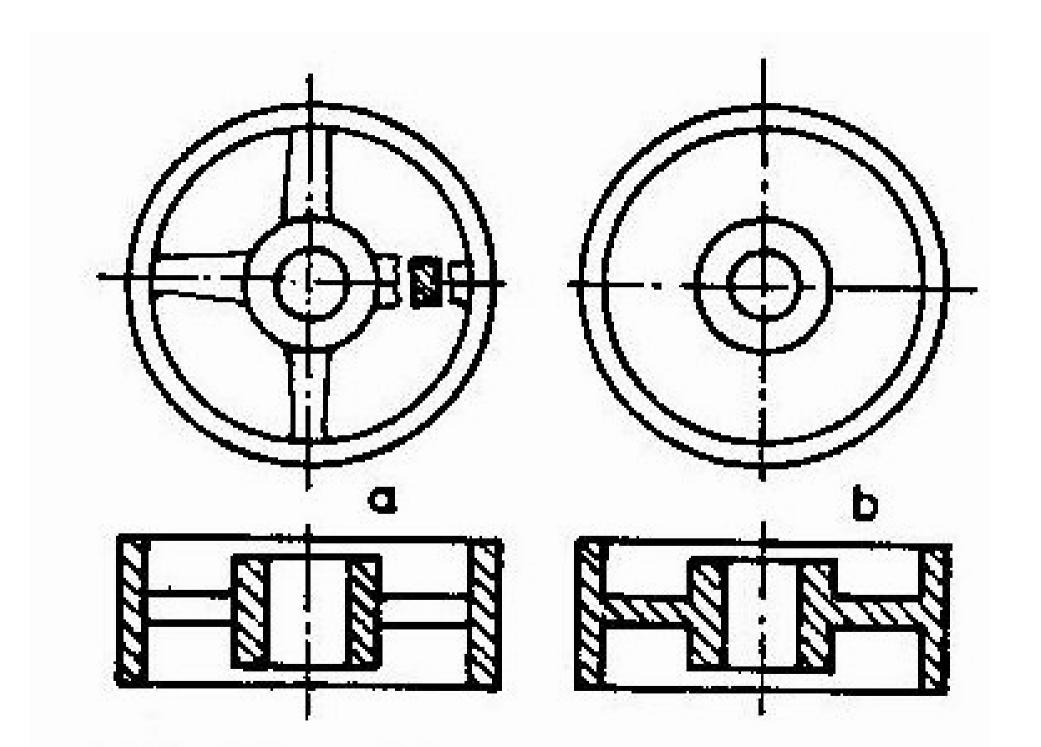












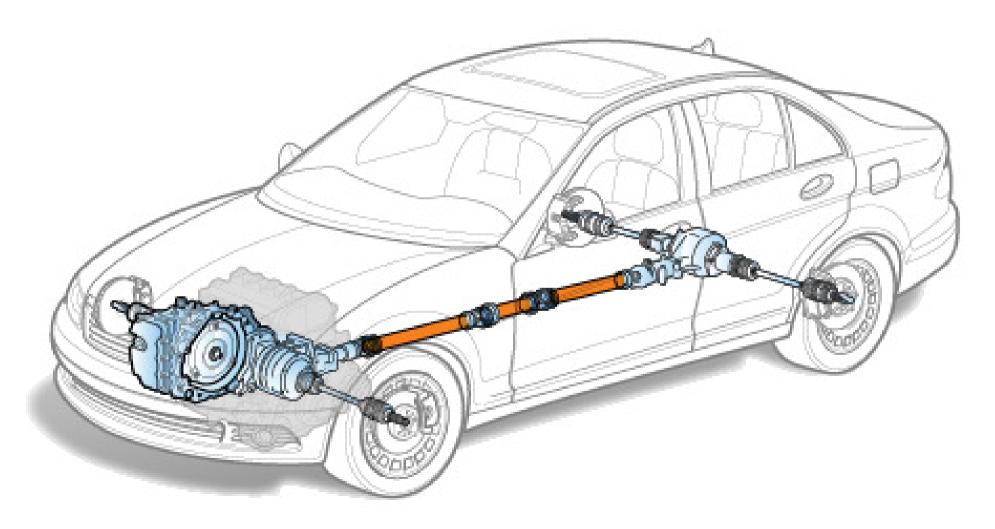
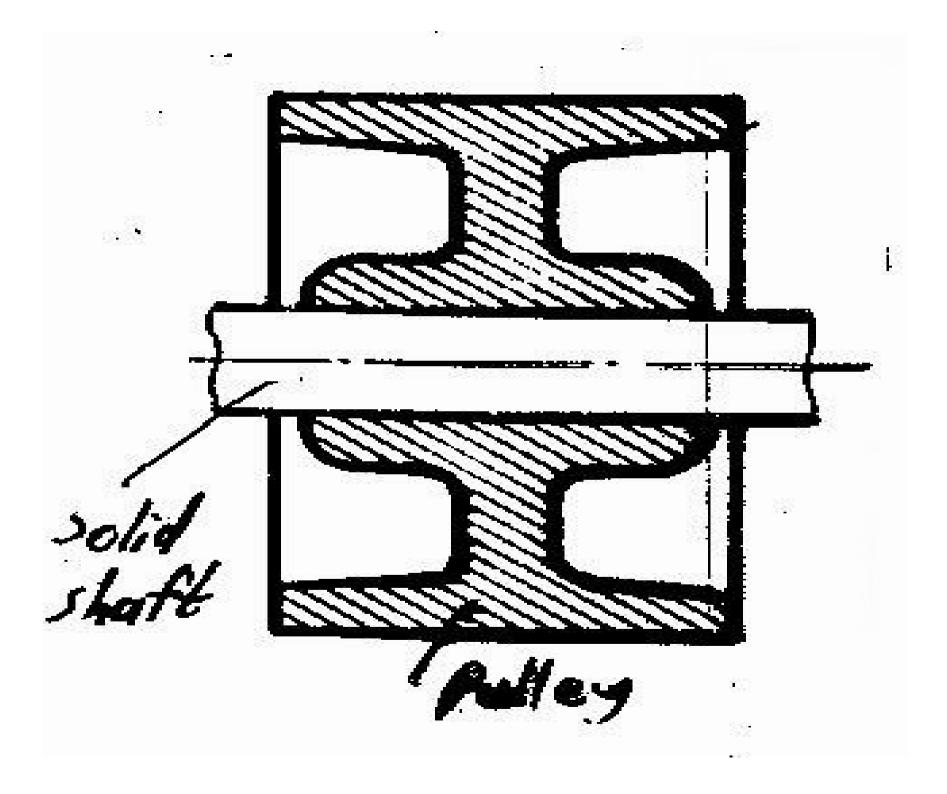
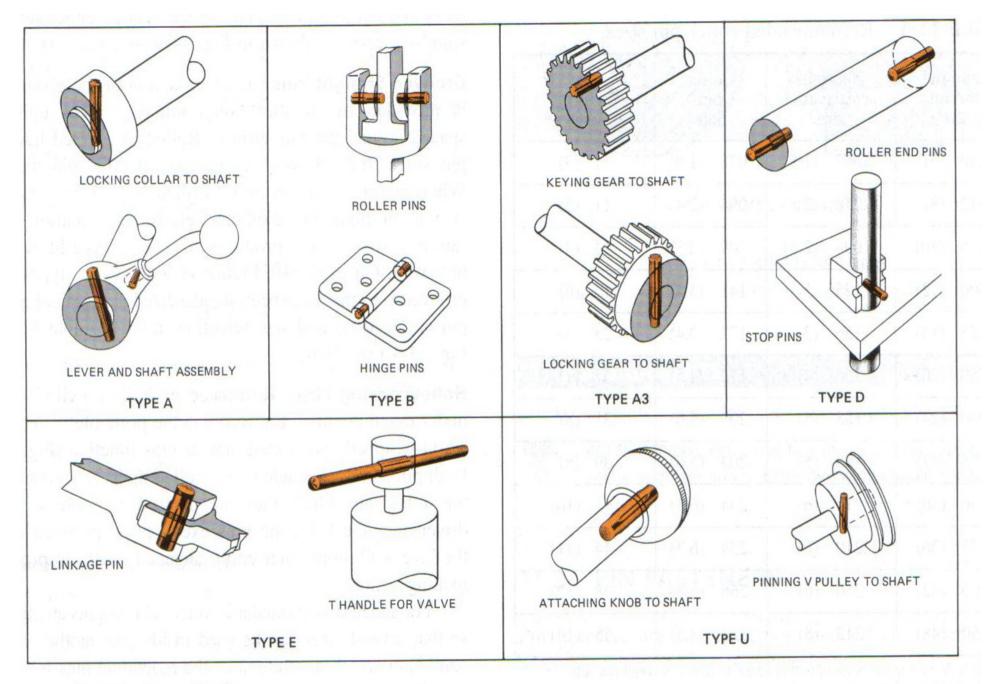


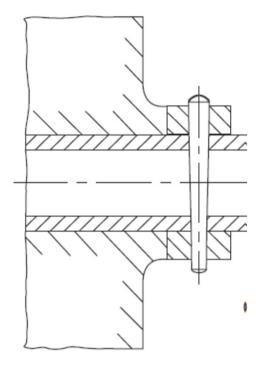
Image courtesy of ClearMechanic.com

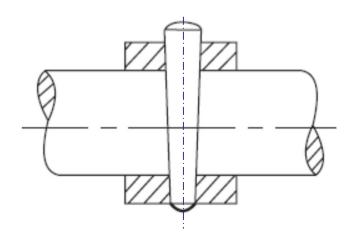


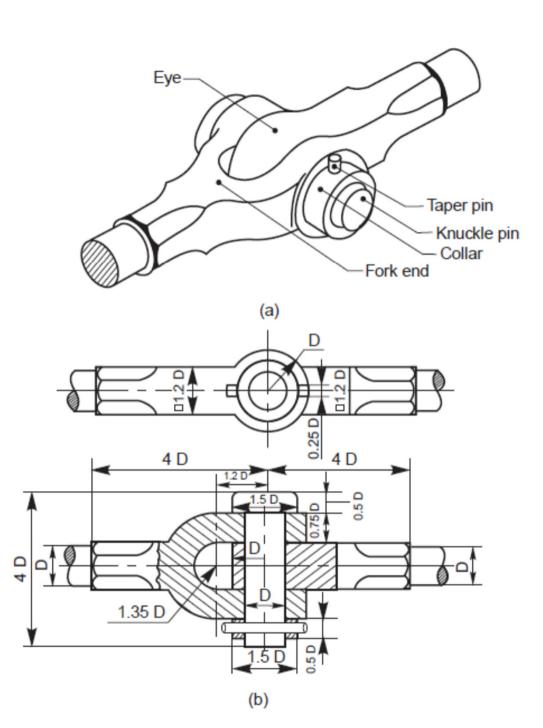


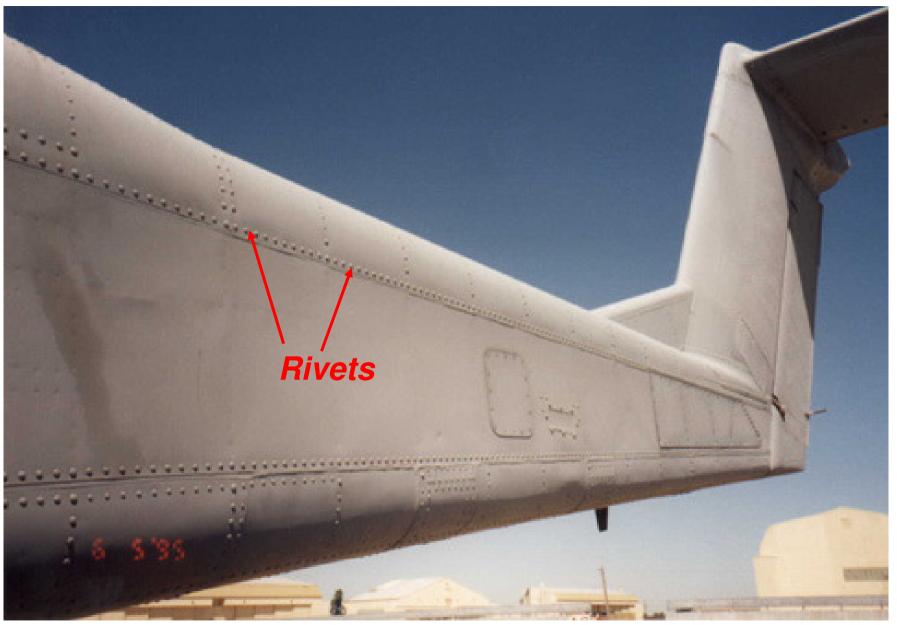


Groove pin applications.



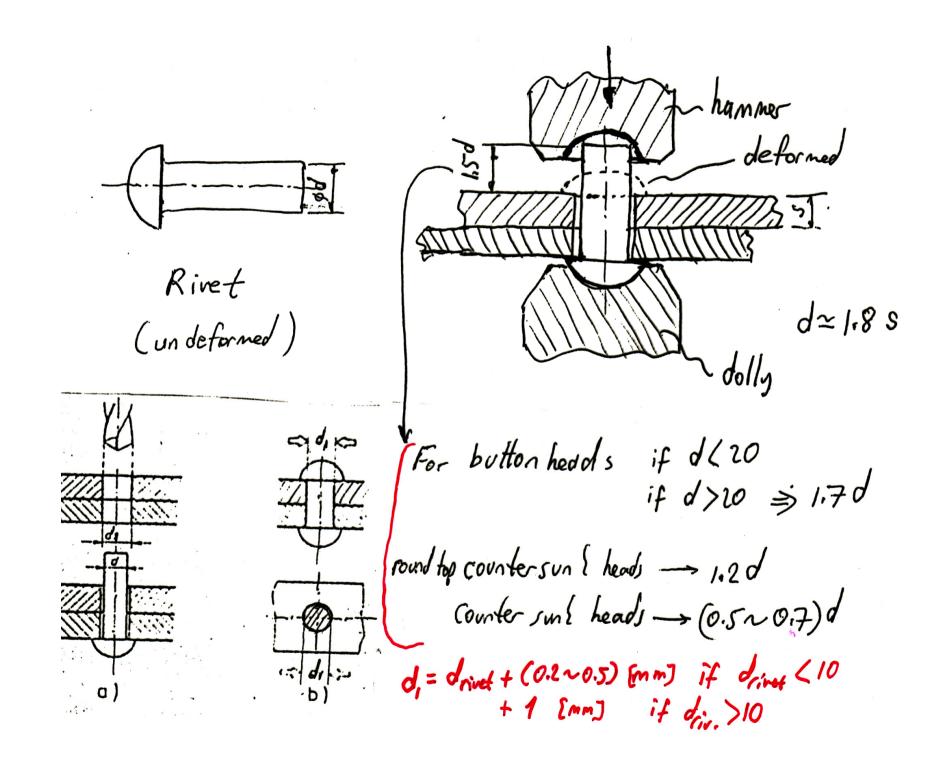


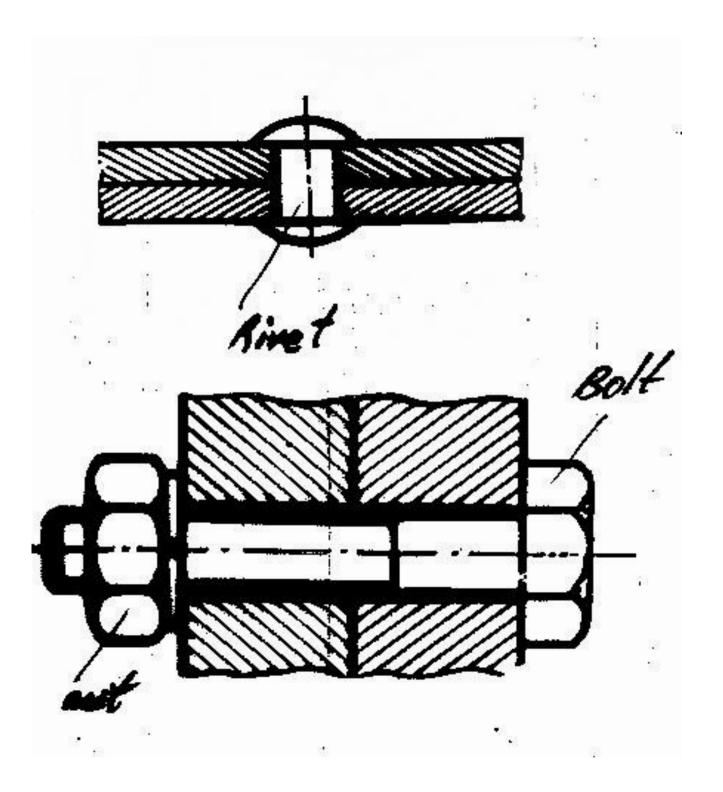


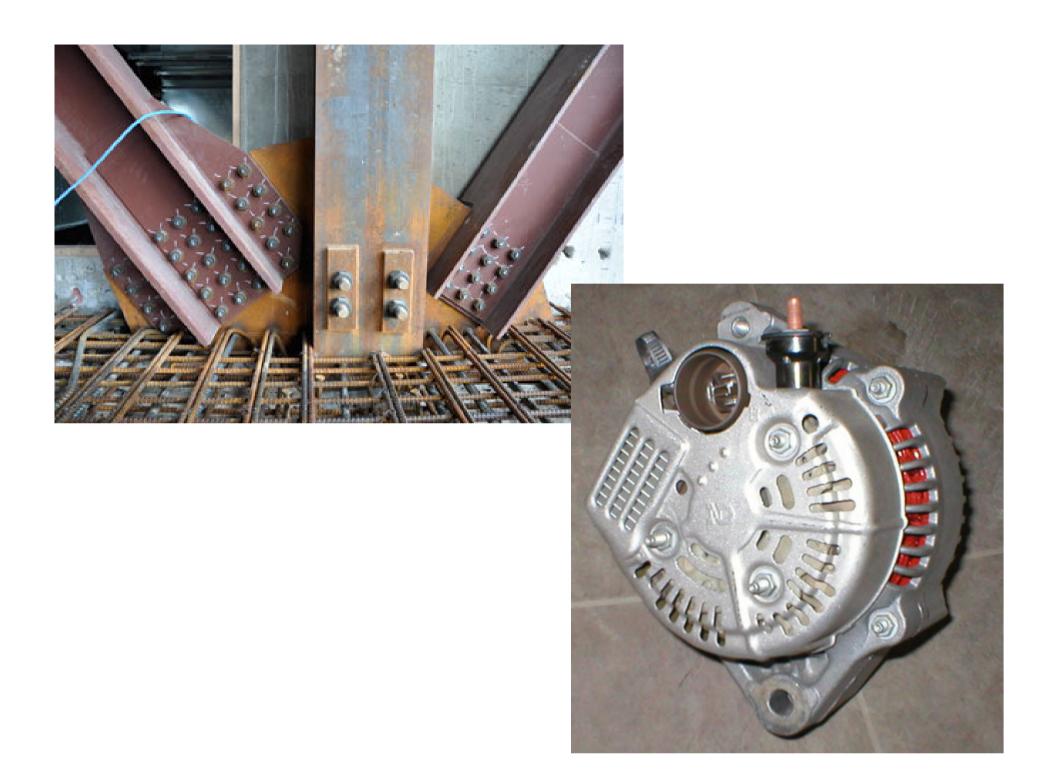




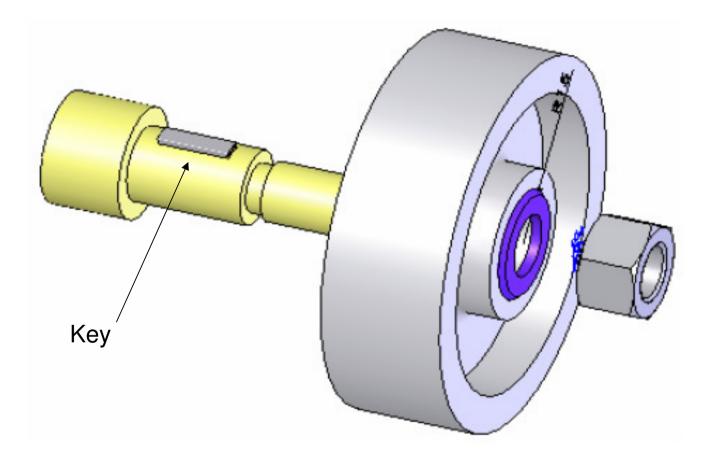


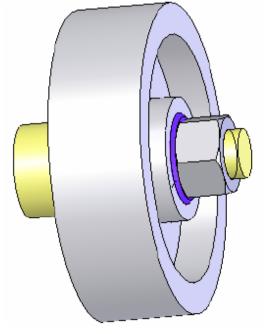


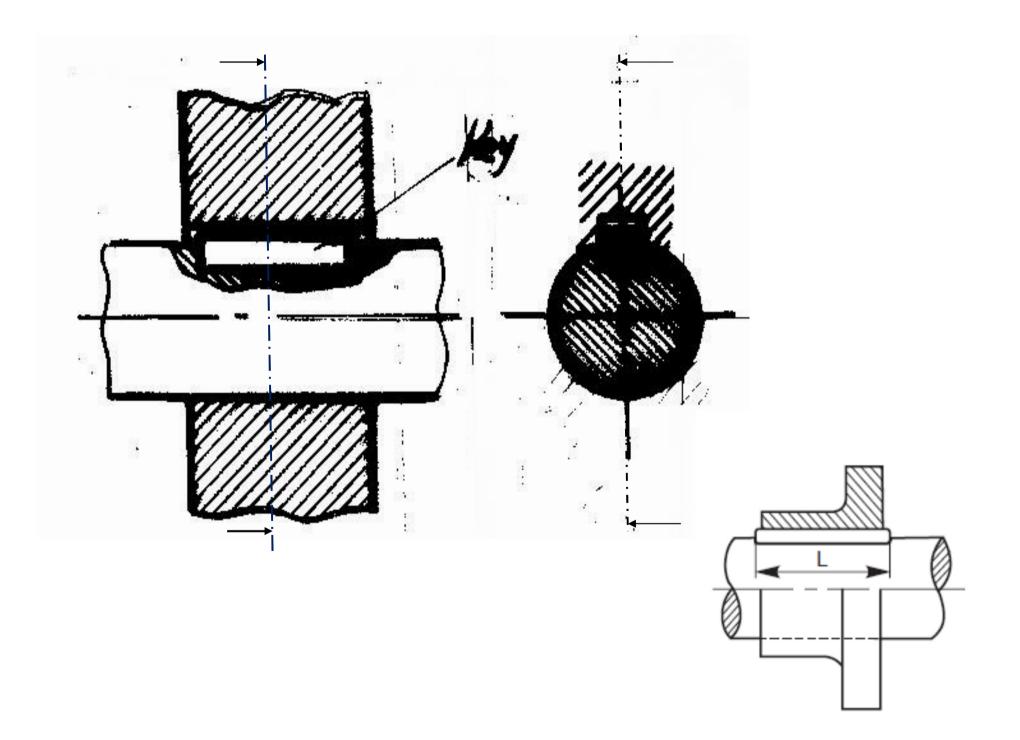


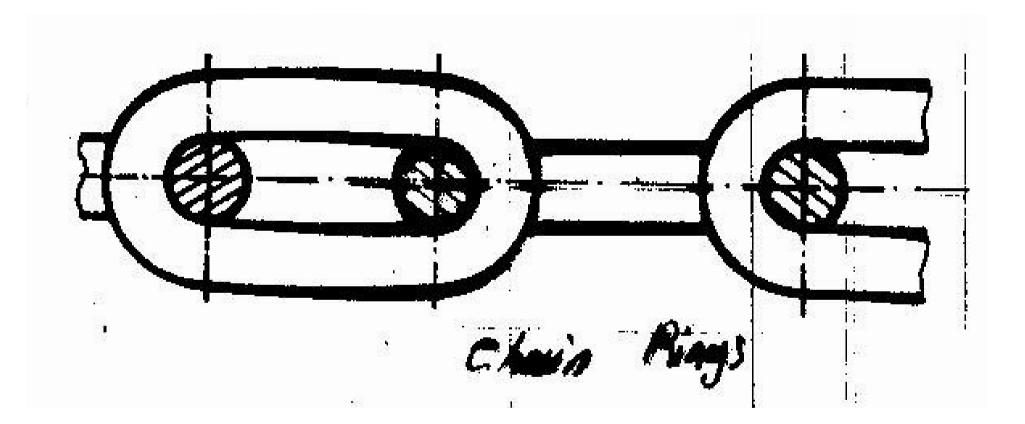


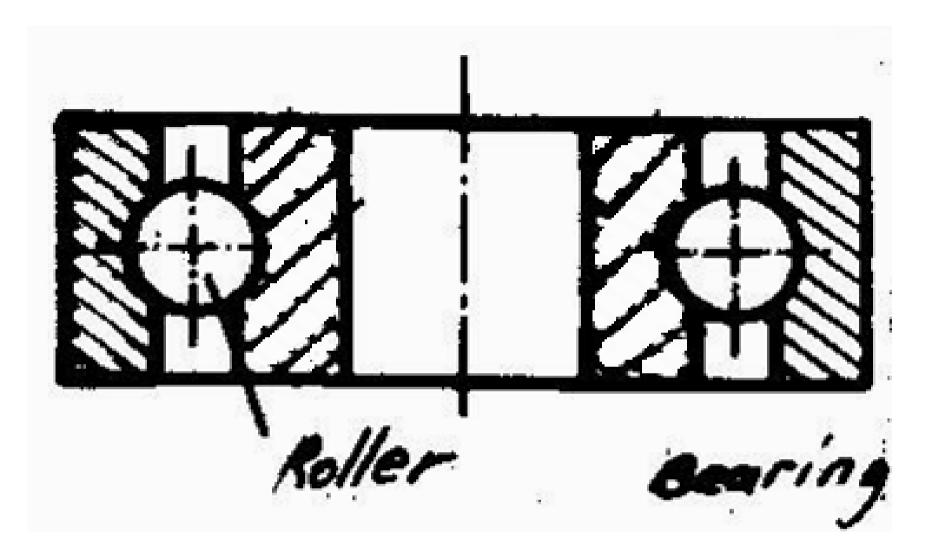












PARTS IN WHICH SECTIONS ARE NOT TO BE SHOWN

