

ME 1403 Engineering Practice & Graphics

# Lecture 17

Chapter-13

Instructor:

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# Outline

- Advance Assembly
  - Symmetric Mate
  - Distance & Angle Mate
  - Hinge Mate
  - Mirroring in Assembly
- Home Work (Will be Graded)
  - Tutorial 1
  - Tutorial 2
  - Exercise 1

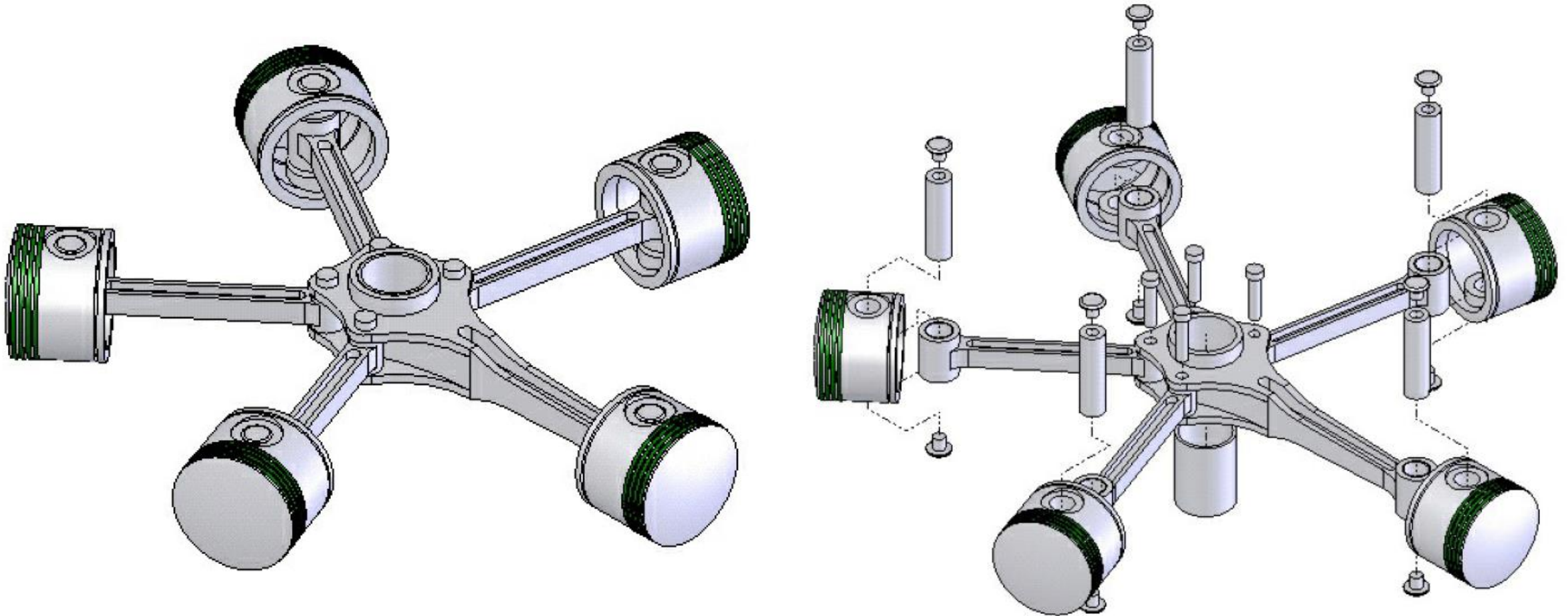
# Advance Assembly

- Check the linked videos for complete tutorial on the following topics
  - Symmetric Mate: <https://www.youtube.com/watch?v=0Zs9W4upiPw>
  - Angle Mate: <https://www.youtube.com/watch?v=6zLZ7055NI0>
  - Hinge Mate: [https://www.youtube.com/watch?v=HvPe1v\\_F1vc](https://www.youtube.com/watch?v=HvPe1v_F1vc)
  - Mirroring in Assembly: <https://www.youtube.com/watch?v=U75ek3Lj1xg>

# Tutorial 1

(Will be Graded)

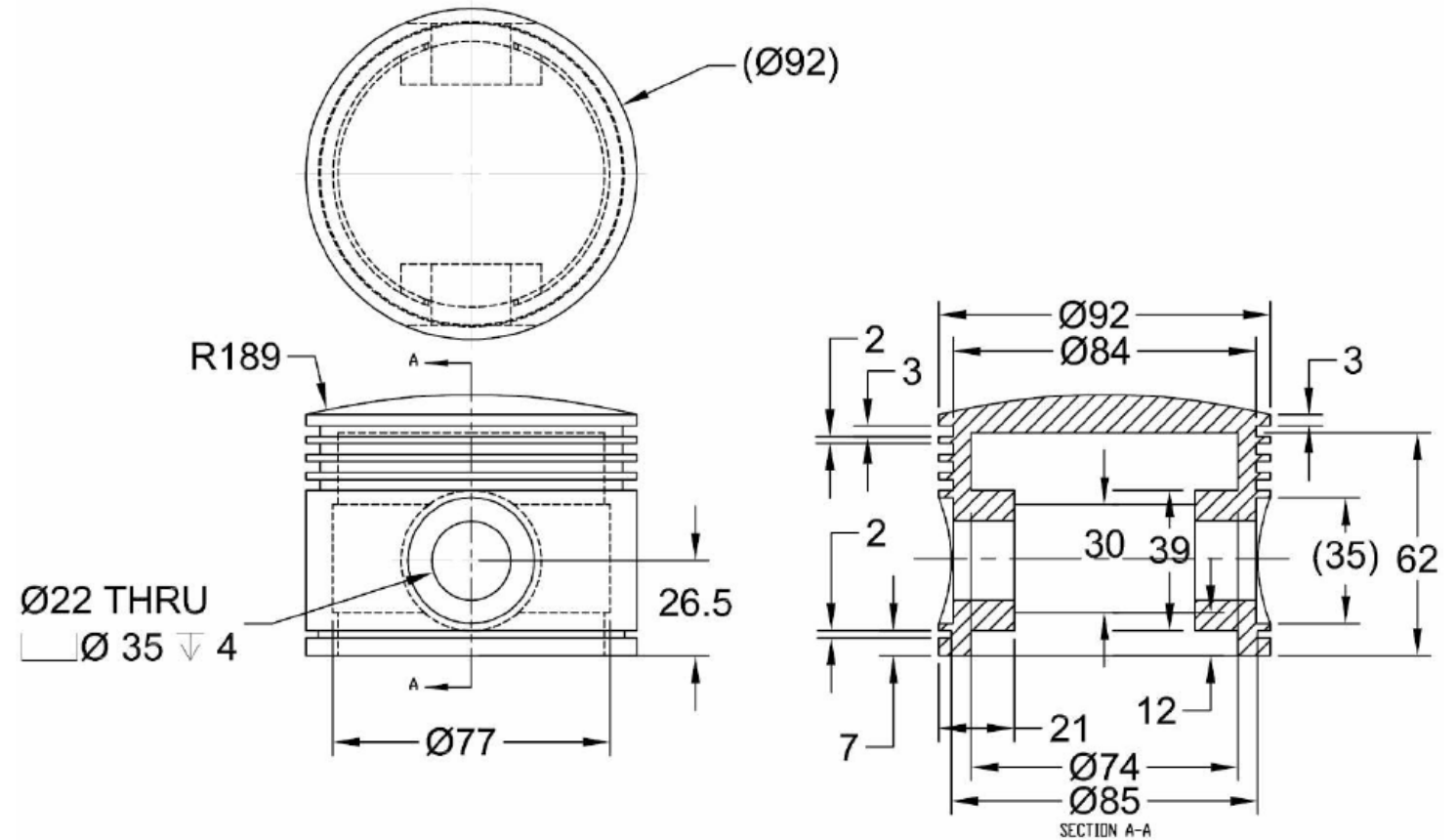
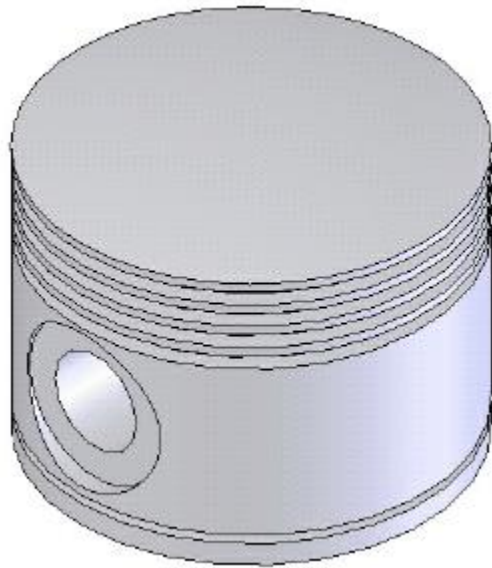
(Some part files are provided in Blackboard, use those to save your time!)



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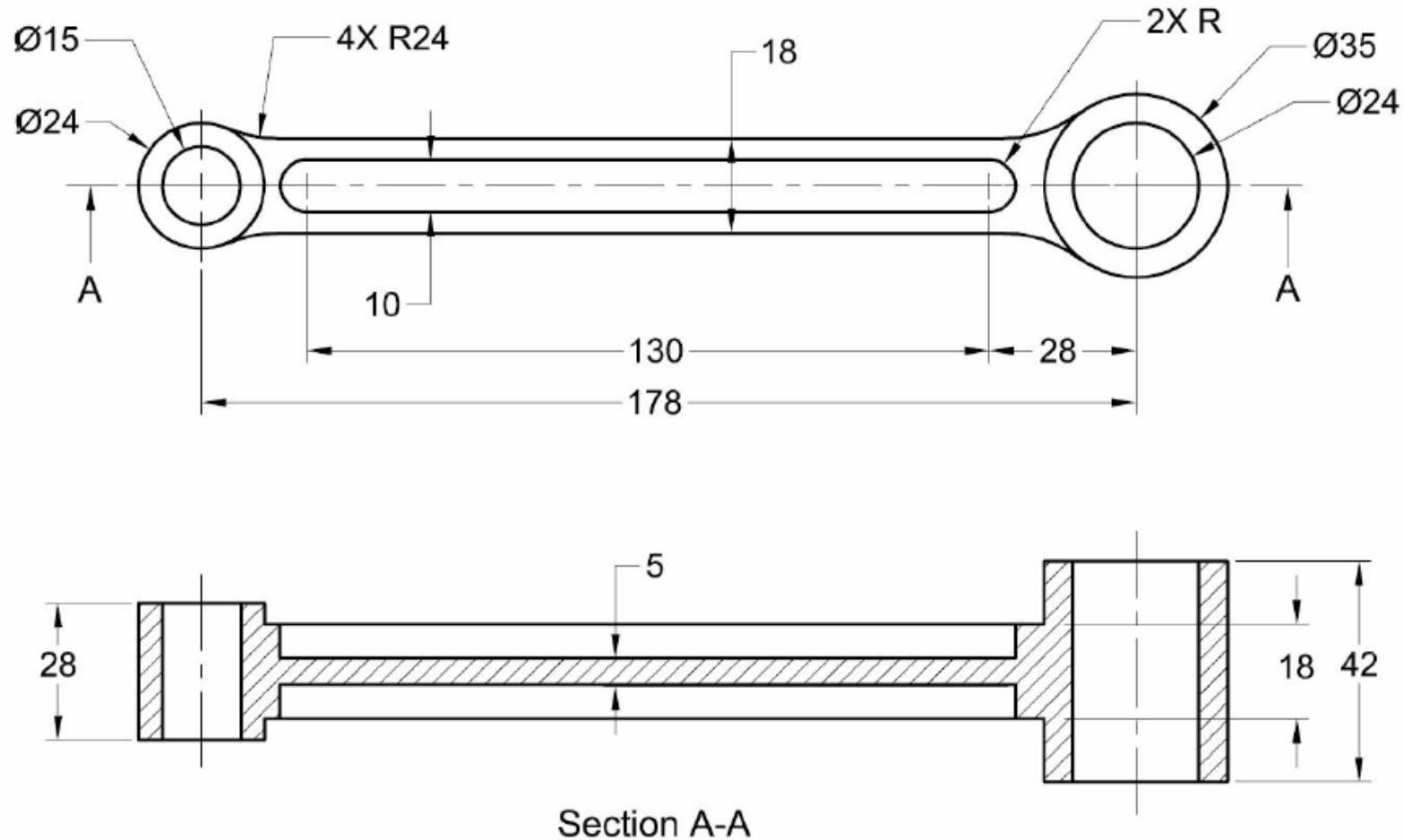
# Tutorial-1

(Will be Graded)



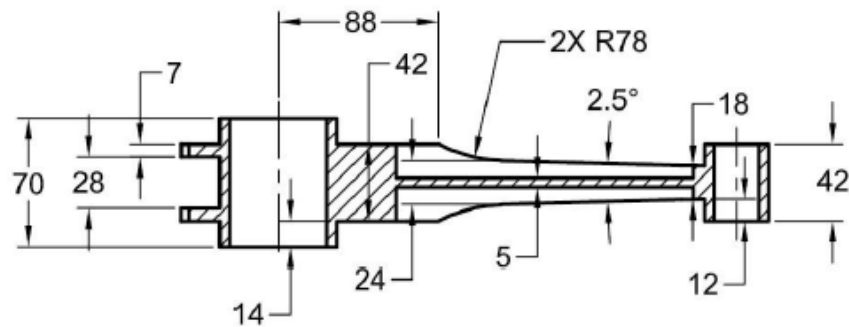
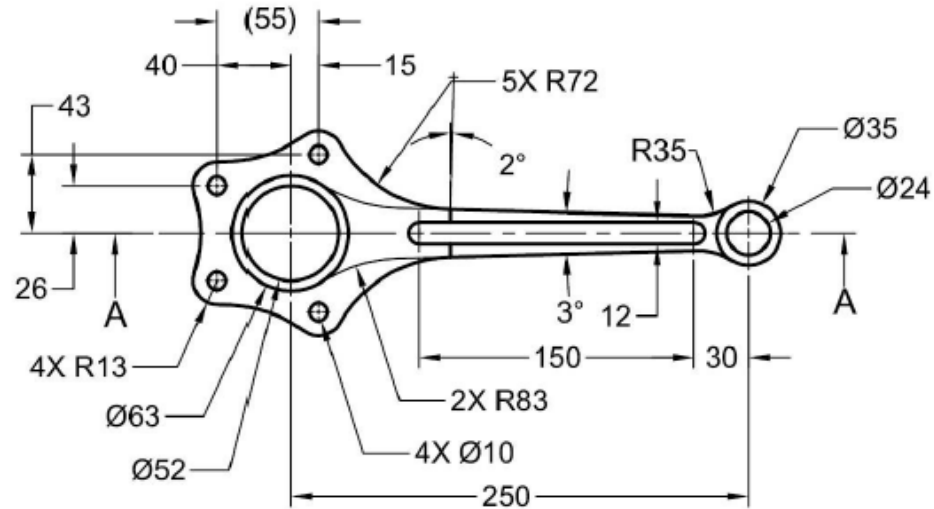
# Tutorial-1

(Will be Graded)

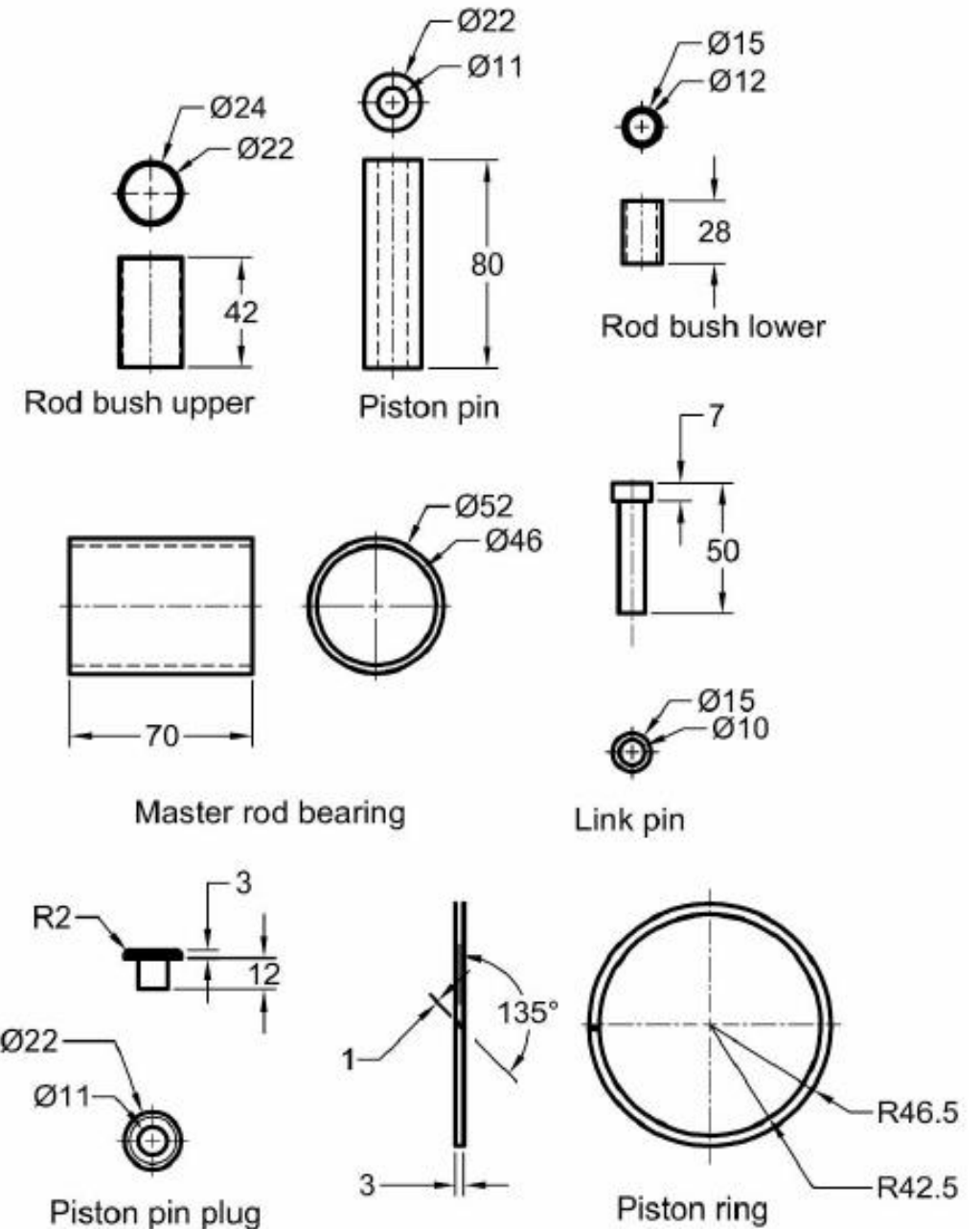


# Tutorial-1

## (Will be Graded)

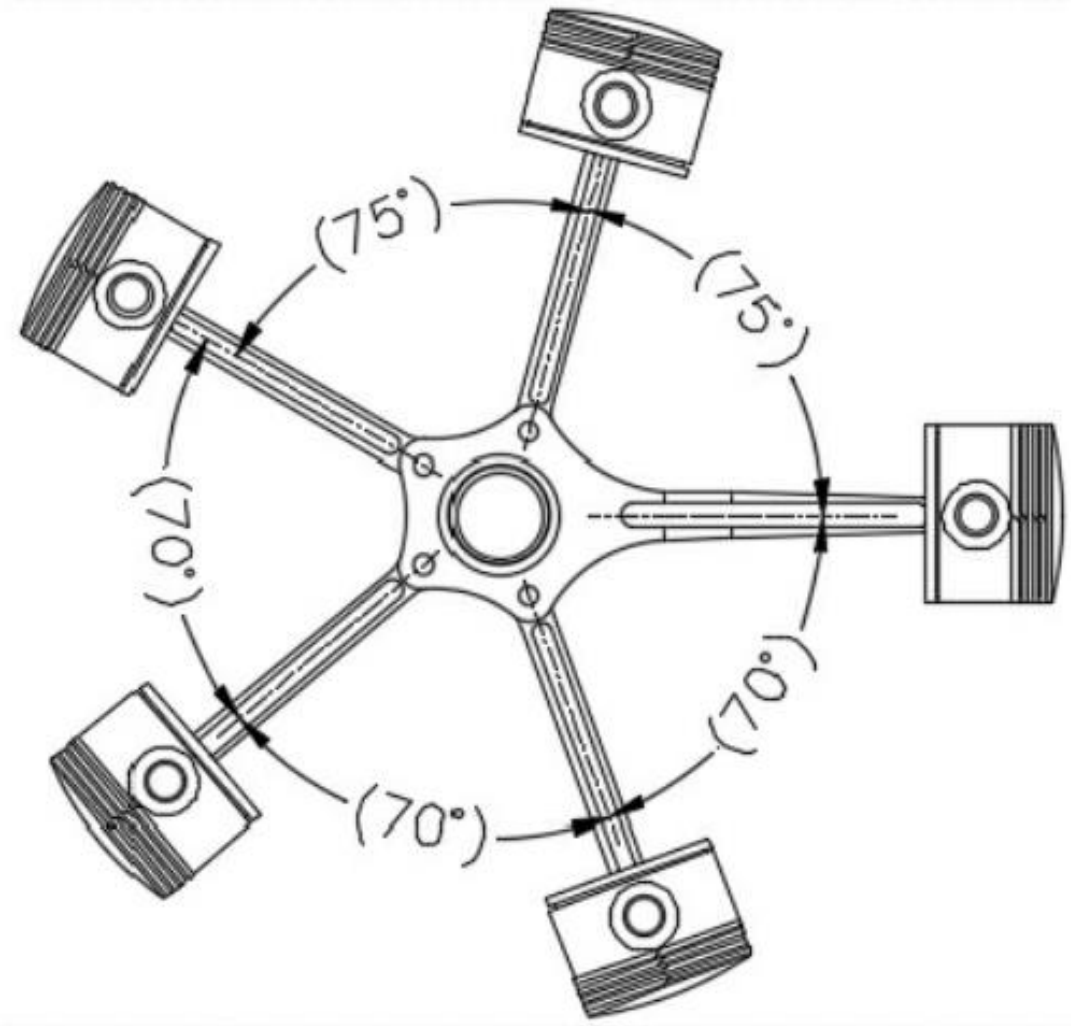


SECTION A-A



# Tutorial-1

(Will be Graded)





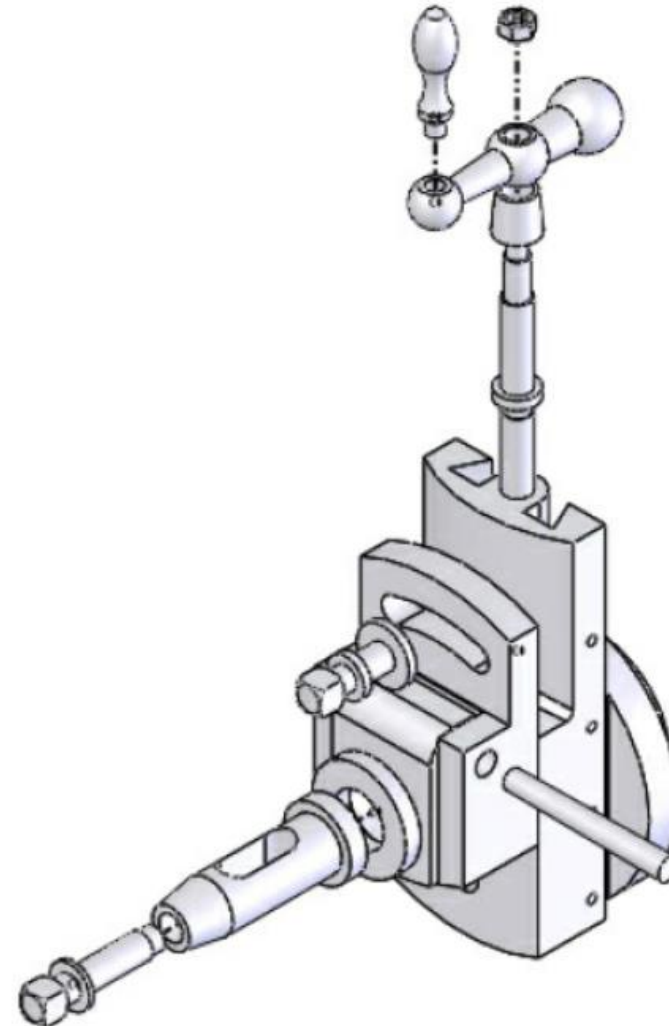
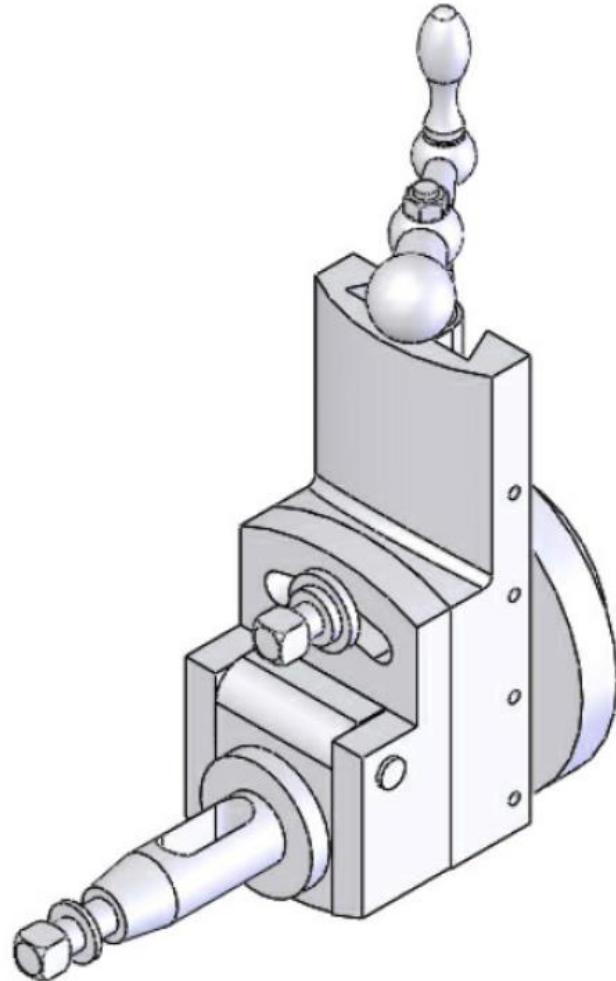
## Tutorial-2

You Don't need to submit this one.

Bonus Grades will be given to all for this one.

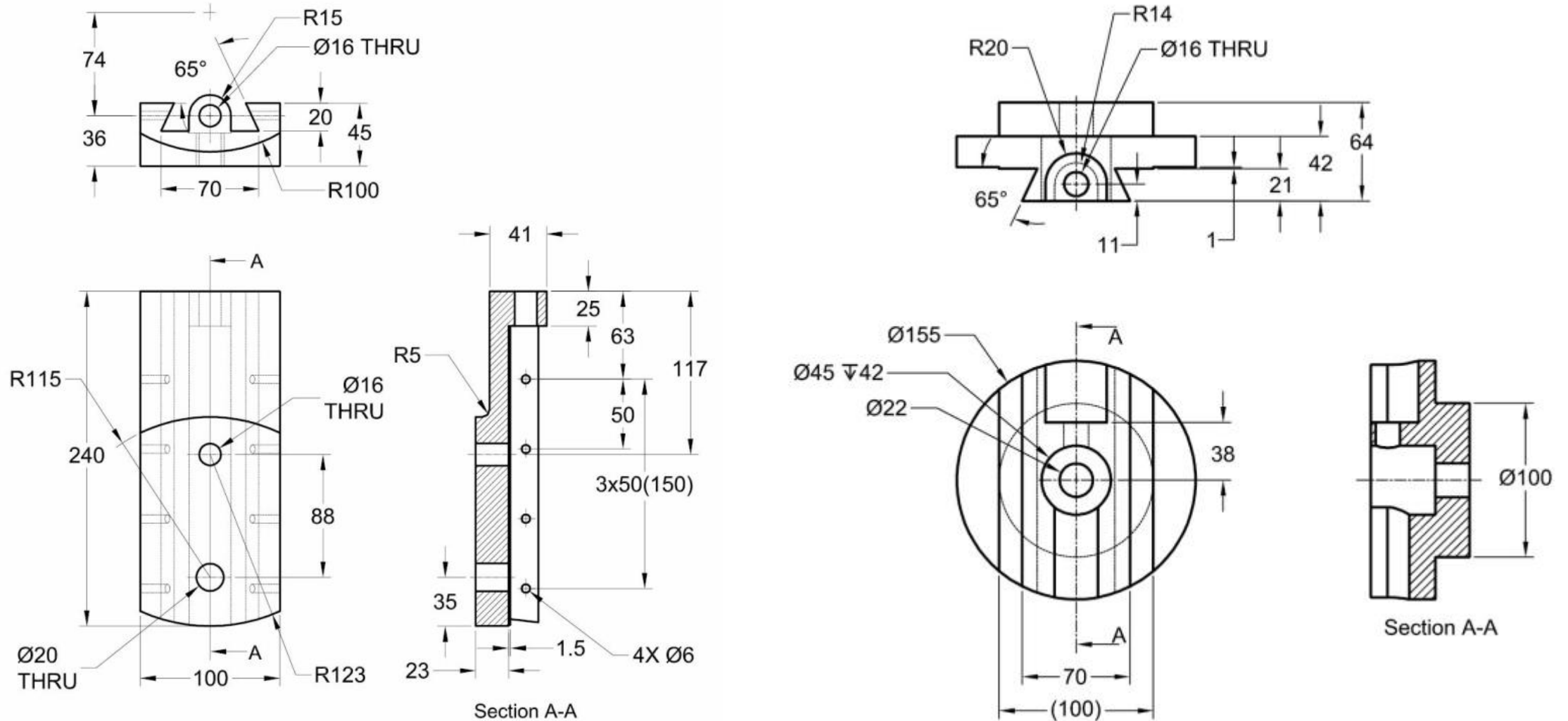
# Exercise 1 (Will be Graded)

(Some part files are provided in Blackboard, use those to save your time!)



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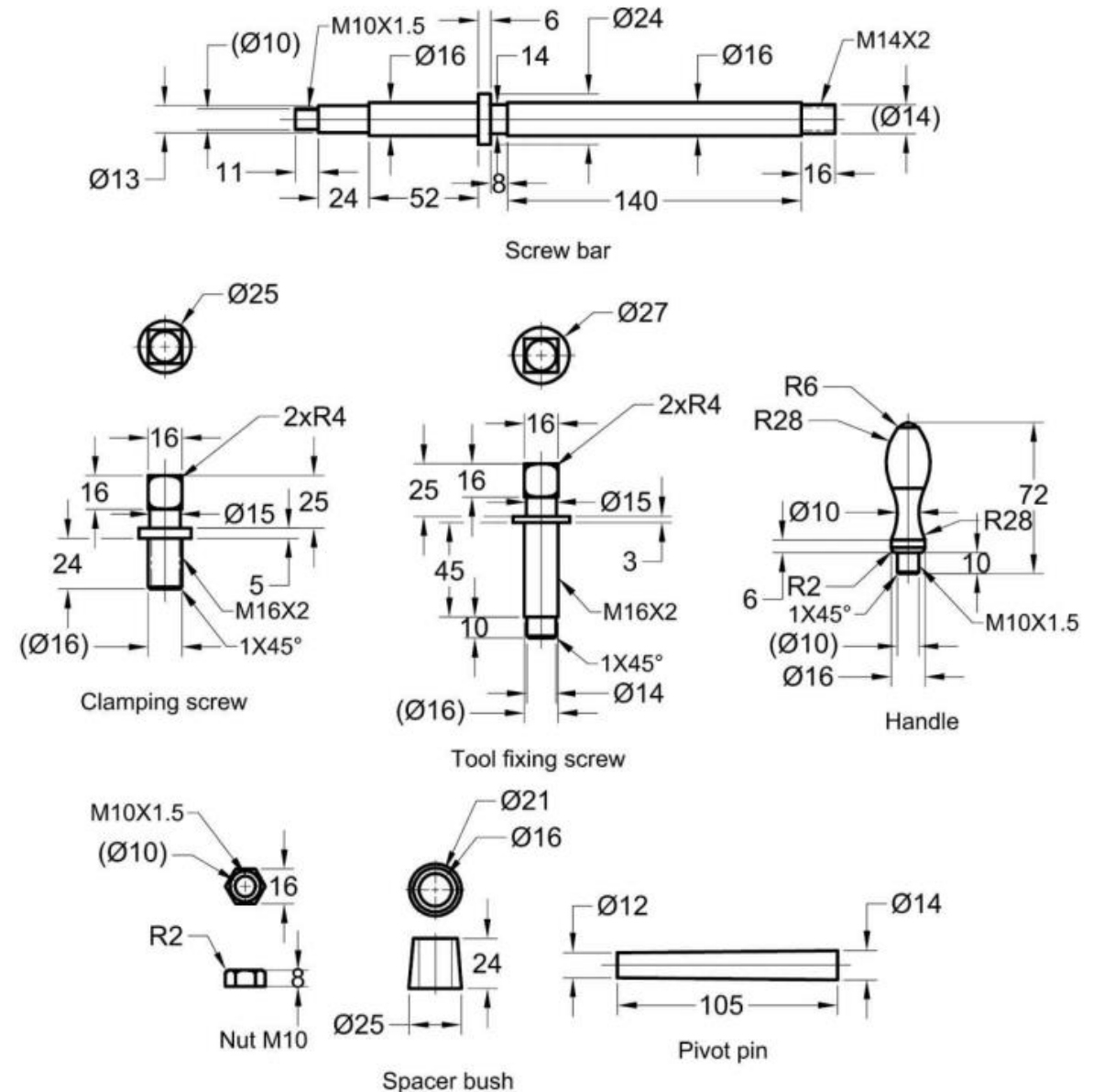
# Exercise 1 (Will be Graded)



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# Exercise 1 (Will be Graded)



# Submission Rules

- Homework's are due **at the Sunday 11.59 P.M.** of the following week (*More Discussion on next class*).
- Submit everything via **Blackboard**.
- Copying your assignments are **prohibited**. If you do so, you and the individual you copied from will receive a **grade zero**, plus both of you will be referred for actions as described in the university's policy for academic dishonesty. ([Read Section 203 of the Student Code of Conduct 2013-2013 UTSA Information Bulletin.](#))