

Multi-State Advanced Manufacturing Consortium

RELEASE DATE

12/14/2015

VERSION

PAGE

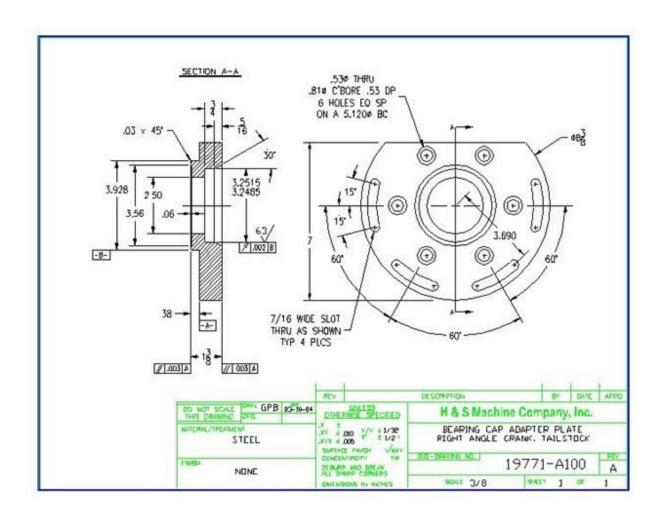
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US DOL SPONSORED TAACCCT GRANT: TC23767

PRIMARY DEVELOPER: Roger Weekes - Henry Ford College

Industrial Print Reading

LAB 1 Prints and Worksheet







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- 1. What type of sectional view is represented?
- 2. What is the name of the part?
- 3. What is the diameter of the bolt circle?
- 4. How many elongated slots are on this print?
- 5. Name the geometric characteristic symbols on this print.
- 6. Name the types of holes found on this print? How many are there?
- 7. List the datums shown.
- 8. What is the angle between the 8 holes?
- 9. How wide are the slots?
- 10. What is the name of this check mark symbol?



- 11. What is the lower limit of the center opening?
- 12. What is the angle of the chamfer?
- 13. List all of the tolerances that are in the reference frames.
- 14. The slots are located on a circle. What is the radius of that circle?
- 15. What is the sheet size of this print?
- 16. What is the tolerance for dimensions with 3 decimal places?
- 17. What is the name of the material?
- 18. What is the scale of the drawing?
- 19. What is the drawing number?
- 20. What is the outside diameter of the part?







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