

Instructor's Guide to Accompany

Print Reading for Machinists

Sixth Edition

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Australia • Brazil • Mexico • Singapore • United Kingdom • United States

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Unit 1: Industrial Drawings

Assignment: Unit 1 Review Questions

1. Engineering Drawing, Mechanical Drawing, Technical Drawing or Working Drawing
2. Constructed or assembled
3. Vellum
4. Original drawing
5. Seldom leave the drafting room (b)
6. Blueprinting
7. A Universal
8. Non-verbal (b)
9. It does not describe the true size and shape of the object
10. Ultraviolet light (d)
11. A photographic process (b)
12. Less storage space is required, Less likely to be damaged
13. All of the above (d)
14. Heat (b)
15. Light (d)
16. Zinc (d)
17. Hardware, Software, Operators (or users)
18. Liquid crystal display (LCD) or cathode ray tube (CRT)
19. Electronic storage, reproduction options, and less material handling
20. Printer or Plotter

Unit 2: Title Blocks

Assignment D-1: Radius Gauge

1. Radius Gauge
2. Cold Rolled Steel
3. Full
4. Cold Rolled Steel
5. Break All Sharp Corners
6. +/- .01
7. +/- .005
8. +/- 1/64
9. +/- 1/2 Degree
10. Bill of Materials
11. Title Block or Title Strip
12. Drawing Number
13. No
14. Prints (also often referred to as Blueprints)
15. 08/09/17

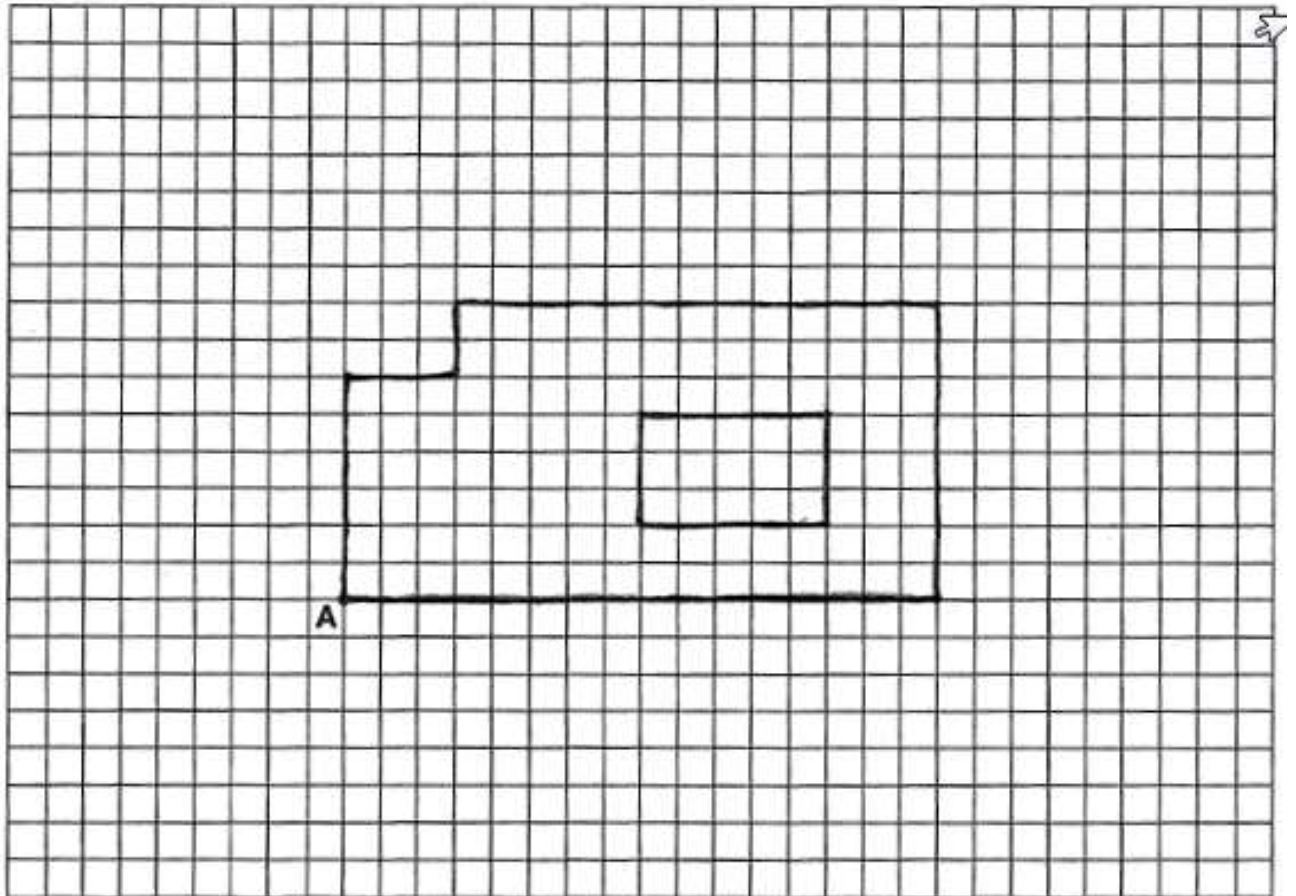
Unit 3: Lines and Symbols

Assignment D-2: Top Plate

1. No. 202 Top Plate
2. A02056535
3. Cold-rolled steel
4. 1.00
5. Visible or Visible Edge
6. 1.25
7. 2
8. Hidden
9. 2.500
10. 5.000
11. 1.125
12. Dimension
13. 1.000
14. Feature Repeated Two Times
15. Extension Line
16. Center Line
17. 7.250
18. Center Line
19. Half Scale or 1 : 2
20. Break All Sharp Corners

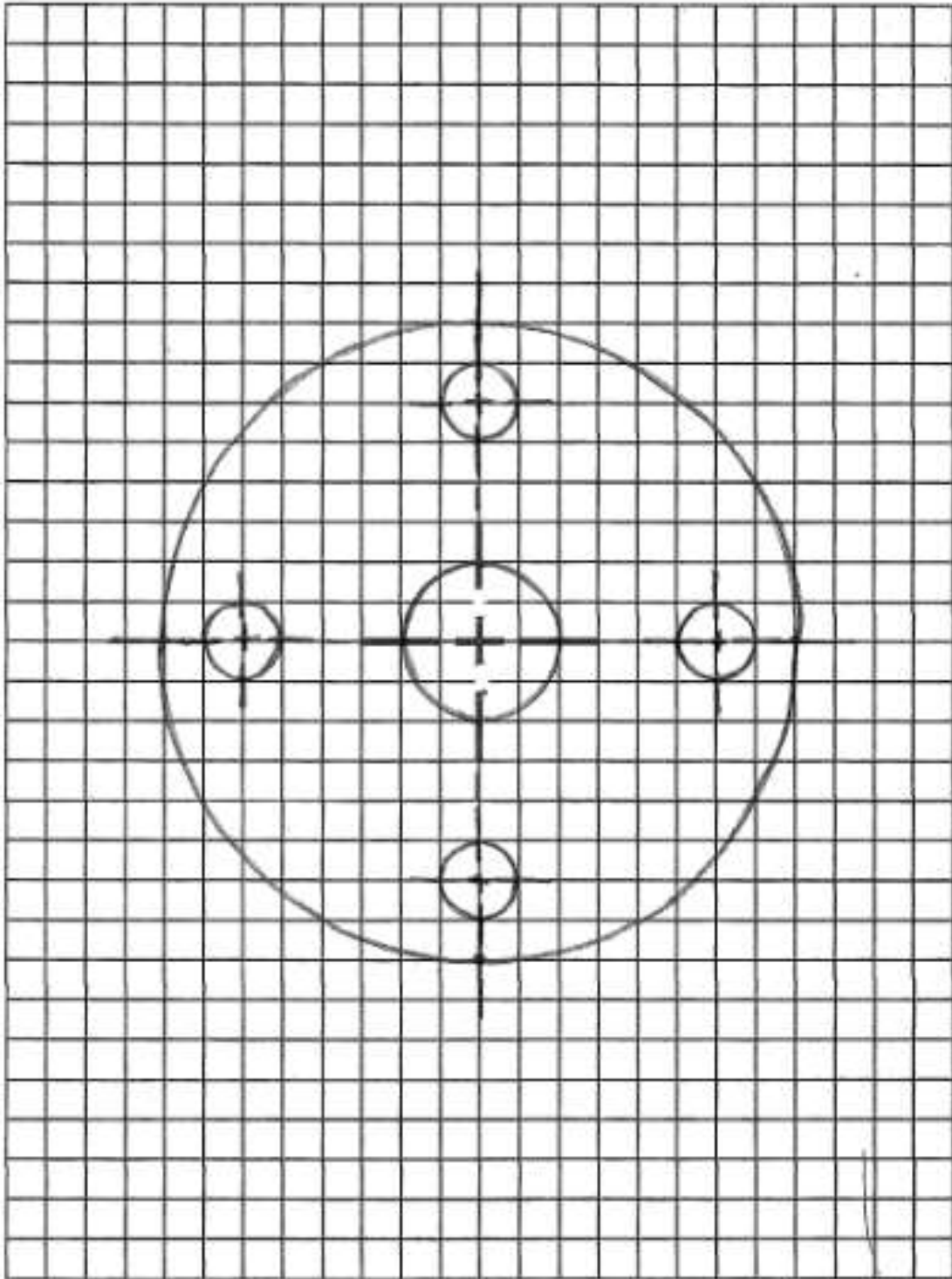
Unit 4: Sketching Straight Lines

Sketch S-1: Shim Plate



Unit 5: Sketching Curved Lines

Sketch S-2: Spacer



Unit 6: Sketching Combinations of Lines

Sketch S-3: Gasket

