



# MACHINE DRAWING

[IN FIRST-ANGLE PROJECTION METHOD]  
[INCLUDING COMPUTER AIDED DRAFTING (CADr)]

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## ABOUT THE BOOK

This well-known text book gives complete knowledge on the subject of *Machine Drawing*, *Mechanical Drafting* and *Production Drawing*. It follows

- (i) the metric system of length measurement and
- (ii) first-angle method of orthographic projection.

However, the third-angle projection method has not been completely ignored.

This **Fiftieth Edition** is thoroughly revised and extensively enlarged. Numerous new drawings and text matter have been incorporated to optimise the utility of the book. The chapter on Engine Parts are divided in two separate chapters such as

**(1) Steam Engine Parts and**

**(2) Internal Combustion (I.C.) Engine Parts.**

Chapter on *Computer Aided Drafting (CADr)* is entirely rewritten with 52 self-interactive and self-learning practice modules.

It describes in an easy-to-follow style and with application of the principles of orthographic projection, forms, proportions and uses of simple machine parts, engine parts and boiler parts.

The techniques of freehand sketching, dimensioning, conversion of pictorial views, sectional views and interpretation of views are treated in clear and simple manner. Most of the orthographic views are accompanied by the pictorial views of the objects to enable the students to visualize the shapes easily.

The book covers the syllabi of Machine Drawing to meet the requirements of students of Mechanical Engineering Degree Examinations of all the Indian Universities as well as Diploma examinations conducted by various Boards of Technical Education, Certificate Courses as well as for I.T.I. students and also to the candidates reading for the A.M.I.E., U.P.S.C., G.A.T.E. and similar competitive and professional examinations.

## CONTENT

- 1: PRINCIPLES OF PROJECTION
- 2: SHEET LAYOUT AND FREE-HAND SKETCHING
- 3: LINES, LETTERING AND DIMENSIONING
- 4: CONVERSION OF PICTORIAL VIEWS INTO ORTHOGRAPHIC VIEWS
- 5: SECTIONAL VIEWS
- 6: ORTHOGRAPHIC READING OR INTERPRETATION OF VIEWS [INCLUDING BLUE-PRINT READING, MISSING LINES AND MISSING VIEWS]
- 7: SCREW THREADS
- 8: SCREWED FASTENINGS
- 9: KEYS, COTTER-JOINTS AND PIN-JOINTS
- 10: PIPE JOINTS
- 11: VALVES
- 12: RIVETED JOINTS AND WELDED JOINTS
- 13: SHAFT BEARINGS, BRACKETS AND HANGERS
- 14: SHAFT COUPLINGS, CLUTCHES AND BREAKS
- 15: PULLEYS
- 16: SPUR GEARING
- 17: STEAM ENGINE PARTS
- 18: INTERNAL COMBUSTION (I.C.) ENGINE PARTS
- 19: ELEMENTS OF PRODUCTION DRAWING
- 20: ASSEMBLY DRAWINGS
- 21: COMPUTER AIDED DRAFTING (CADr)
- INDEX

Catalogue Checklist

**Chapter 1 PRINCIPLES OF PROJECTION**

- 1-1. Introduction
- 1-2. Principle of projection
- 1-3. Methods of projection
- 1-4. Orthographic projection
- 1-5. Planes of projection
- 1-6. Four quadrants
- 1-7. First-angle projection
- 1-8. Third-angle projection
- 1-9. Reference line
- 1-10. Symbols for methods of projection
- 1-11. Comparison of six views in first angle projection method and third angle projection method
- 1-12. Combination of first angle projection method and third angle projection method
- 1-13. B.I.S. code of practice
- 1-14. Isometric projection
- 1-15. Oblique projection
- 1-16. Perspective projection
- Exercises 1

**Chapter 2 SHEET LAYOUT AND FREE-HAND SKETCHING**

- 2-1. Sheet layout
  - (1) Drawing papers and drawing sheet sizes
  - (2) Margin
  - (3) Border lines
  - (4) Borders and frames
  - (5) Orientation mark
  - (6) Grid reference system (zones system)
  - (7) Title block
  - (8) List of parts or the bill of materials
  - (9) Revisions of drawing
  - (10) Folding marks
  - (11) Scales and scale drawing
- 2-2. Types of machine drawings
  - (1) Production drawing
  - (2) Exploded assembly drawing
  - (3) Schematic assembly drawing
  - (4) Drawing for instruction manual
  - (5) Drawing for installation
  - (6) Drawing for catalogue
  - (7) Tabular drawing
  - (8) Patent drawing
- 2-3. Free-hand Sketching
  - (1) Sketching or freehand
  - (2) Sketching materials
  - (3) To sketch straight lines
  - (4) To sketch circles and arcs
  - (5) Sketching procedure
  - (6) Steps in sketching

Exercises 2

**Chapter 3 LINES, LETTERING AND DIMENSIONING**

- 3-1. Introduction
- 3-2. Lines
  - (1) Line thickness
  - (2) Inked drawings
  - (3) Pencil drawings
- 3-2-1. Types of Lines
  - (1) Outlines
  - (2) Margin lines
  - (3) Dimension lines
  - (4) Extension or projection lines
  - (5) Construction lines

- (6) Hatching or section lines
- (7) Leader or pointer lines
- (8) Border lines
- (9) Short-break lines
- (10) Long-break lines
- (11) Hidden or dotted lines
- (12) Centre lines
- (13) Cutting-plane lines
- (14) Chain thick
- (15) Chain thin double-dots
- 3-3. Lettering
  - (1) Single-stroke letters
  - (2) Gothic letters
- 3-4. Dimensioning
  - Types of dimensions
- 3-5. Dimensioning terms and notations
  - (1) Dimension line
  - (2) Extension line
  - (3) Arrowhead
  - (4) Note
  - (5) Leader
- 3-6. Placing of dimensions
  - (1) Aligned system
  - (2) Unidirectional system
- 3-7. Unit of dimensioning
- 3-8. General rules for dimensioning
- 3-9. Practical hints on dimensioning
- Exercises 3

**Chapter 4 CONVERSION OF PICTORIAL VIEWS INTO ORTHOGRAPHIC VIEWS**

- 4-1. Introduction
- 4-2. Orthographic projection
- 4-3. Procedure for preparing a scale-drawing
- 4-4. Illustrative problems
- Exercises 4
- Solutions to Exercises 4

**Chapter 5 SECTIONAL VIEWS**

- 5-1. Introduction
- 5-2. Cutting-plane line
- 5-3. Types of sectional views
  - 5-3-1. Full section
  - 5-3-2. Half section
  - 5-3-3. Partial or broken section
  - 5-3-4. Revolved section
  - 5-3-5. Removed section
  - 5-3-6. Offset section
- 5-4. Sectioning conventions
- 5-5. Hatching or section lines
- 5-6. Conventions of section lines
- 5-7. Illustrative problems
- Exercises 5
- Solutions to exercises 5

**Chapter 6 ORTHOGRAPHIC READING OR INTERPRETATION OF VIEWS [INCLUDING BLUE-PRINT READING, MISSING LINES AND MISSING VIEWS]**

- 6-1. Introduction
- 6-2. Reading of orthographic views [Blue-print reading]
- 6-3. Missing lines and missing views
- 6-4. Identification of planes
- Exercises 6
- Solutions to exercises 6

## **Chapter 7 SCREW THREADS**

- 7-1. Introduction
  - 7-2. Definitions
    - (1) Crest
    - (2) Root
    - (3) Flank
    - (4) Angle
    - (5) Depth
    - (6) Nominal diameter
    - (7) Outside or major diameter
    - (8) Core or minor diameter
    - (9) Effective diameter
    - (10) Pitch
    - (11) Lead
    - (12) Slope
  - 7-3. Forms of screw threads
  - 7-3-1. Triangular or V threads
    - (1) Unified thread
    - (2) Metric thread
    - (3) British Standard Whitworth thread (B.S.W.)
    - (4) British Standard Fine (B.S.F.) threads and British Standard Pipe (B.S.P.) threads
    - (5) Sellers thread
    - (6) British Association (B.A.) thread
  - 7-3-2. Square thread
    - (1) Acme thread
    - (2) Knuckle thread
    - (3) Buttress thread
  - 7-4. Conventional representation of threads
  - 7-4-1. Method I
    - (1) External threads
    - (2) Internal threads
  - 7-4-2. Method II
    - (1) External V thread
    - (2) Internal V thread
    - (3) External square thread
    - (4) Internal square thread
  - 7-5. Multiple-start threads
  - 7-6. Right-hand and left-hand threads
- Exercises 7

## **Chapter 8 SCREWED FASTENINGS**

- 8-1. Introduction
- 8-2. Types of nuts
- 8-2-1. Hexagonal nut
- 8-2-2. Square nut
- 8-3. Types of nuts for special purpose
  - (1) Flanged nut
  - (2) Cap nut
  - (3) Dome nut
  - (4) Cylindrical or capstan nut
  - (5) Ring nut
  - (6) Wing nut
- 8-4. Washers
- 8-5. Bolts
- 8-6. Forms of bolts
  - (1) Hexagonal-headed bolt
  - (2) Square-headed bolt
  - (3) Cylindrical or cheese-headed bolt
  - (4) Cup-headed or round-headed bolt
  - (5) T-headed bolt
  - (6) Countersunk-headed bolt
  - (7) Hook bolt
  - (8) Headless tapered bolt

- (9) Eye-bolt
  - (10) Lifting eye-bolt
  - (11) Tap-bolt or cap-screw
  - (12) Stud-bolt or stud
  - 8-7. Set-screws
  - 8-8. Locking arrangements for nuts
    - (1) Lock-nut or check-nut
    - (2) Split-pin
    - (3) Slotted nut
    - (4) Castle nut
    - (5) Sawn nut or Wiles nut
    - (6) Simmond's lock-nut
    - (7) Penn. ring or grooved nut
    - (8) Stop-plate or locking-plate
    - (9) Spring-washer
  - 8-9. Foundation bolts
    - (1) Eye or Hoop bolt
    - (2) Rag bolt
    - (3) Lewis bolt
    - (4) Cotter bolt
    - (5) Curved or bent bolt
    - (6) Square-headed bolt
  - 8-10. Spanner
  - 8-11. Longitudinal or bar stay
  - 8-12. Conventional symbols for nuts and bolts
- Exercises 8

## **Chapter 9 KEYS, COTTER-JOINTS AND PIN-JOINTS**

- 9-1. Introduction
  - 9-2. Keys joints
  - 9-2-1. Taper keys
    - (1) Sunk taper key
    - (2) Saddle keys
      - (i) Hollow saddle key
      - (ii) Flat saddle key
    - (3) Round key or pin key
    - (4) Taper pin
    - (5) Gib-head
  - 9-2-2. Parallel or feather keys
  - 9-2-3. Spline shafts
  - 9-2-4. Woodruff key
  - 9-2-5. Cone keys
  - 9-2-6. Staking-on
  - 9-4. Cotter and cotter joints
  - 9-4. Types of cotter joints
    - (1) Socket and spigot joint
    - (2) Sleeve joint
    - (3) Strap joint
  - 9-5. Pin-joint or Knuckle joint
- Exercises 9

## **Chapter 10 PIPE JOINTS**

- 10-1. Introduction
  - 10-2. Cast-iron pipes
  - 10-2-1. Cast-iron flanged joint
  - 10-2-2. Socket and spigot joint
  - 10-2-3. Hydraulic joint
  - 10-3. Wrought-iron and steel pipes
  - 10-4. Copper pipes
  - 10-5. Union joint
  - 10-6. Lead pipes
  - 10-7. Expansion joints
  - 10-8. Piping drawings
- Exercises 10

### **Chapter 11 VALVES**

- 11-1. Introduction
  - 11-2. Types of valves
    - 11-2-1. Flap valve
      - India-rubber disc valve
    - 11-2-2. Ball valve
    - 11-2-3. Metal disc valve
    - 11-2-4. Stop valves
    - 11-2-5. Feed-check valve
  - 11-3. Safety valves
    - 11-3-1. Spring-loaded safety valves
    - 11-3-2. Lever safety valve
    - 11-3-3. Dead-weight safety valve
  - 11-4. Blow-off cock
- Exercises 11

### **Chapter 12 RIVETED JOINTS AND WELDED JOINTS**

- 12-1. Introduction
  - 12-2. Riveting
  - 12-3. Caulking and fullering
  - 12-4. Forms and proportions of rivet-heads
  - 12-5. Failure of riveted joints
  - 12-6. Dimensions of a riveted joint
  - 12-7. Types of riveted joints
    - 12-7-1. Lap joint
    - 12-7-2. Butt joint
  - 12-8. Rolled-steel sections
    - 12-8-1. Connection of plates at right angles
    - 12-8-2. Gusset stay
  - 12-9. Welded joints
    - 12-9-1. Welding
    - 12-9-2. Types of welding process
      - (1) Pressure welding or forge welding
      - (2) Fusion welding
      - (3) Fusion and pressure welding
    - 12-9-3. Types of welded and welds joints
      - (1) Types of welded joints
      - (2) Types of welds
    - 12-9-4. Representation of welded joints
- Exercises 12

### **Chapter 13 SHAFT BEARINGS, BRACKETS AND HANGERS**

- 13-1. Introduction
  - 13-2. Journal bearings
    - 13-2-1. Solid bearing
    - 13-2-2. Bushed bearing
    - 13-2-3. Pedestal bearing or plummer block
    - 13-2-4. Methods of preventing rotation of brasses in a bearing
  - 13-3. Pivot bearing: Foot-step bearing
  - 13-4. Wall brackets
  - 13-5. Hangers
  - 13-6. Wall-plates
  - 13-7. Wall-box
- Exercises 13

### **Chapter 14 SHAFT COUPLINGS, CLUTCHES AND BREAKS**

- 14-1. Introduction
- 14-2. Fast or rigid couplings
  - 14-2-1. Box or muff coupling
  - 14-2-2. Half-lap coupling
  - 14-2-3. Split-muff coupling
- 14-3. Flanged coupling
  - 14-3-1. Protected type flange-coupling
  - 14-3-2. Solid flanged coupling
- 14-4. Flexible couplings

- 14-4-1. Universal coupling or Hook's joint
  - 14-4-2. Oldham's coupling
  - 14-4-3. Gear coupling
  - 14-5. Loose or disengaging couplings or clutches
    - 14-5-1. Claw coupling or clutch
    - 14-5-2. Conical friction coupling or Cone friction clutch
    - 14-5-3. Single plate clutch
  - 14-6. Brakes
    - 14-6-1. Double block brake
    - 14-6-2. Band brake
- Exercises 14

### **Chapter 15 PULLEYS**

- 15-1. Introduction
  - 15-2. Types of Pulleys
  - 15-3. Cast iron (C.I.) belt pulleys
  - 15-4. Fast and loose (f & L) pulleys
  - 15-5. Speed cones or stepped pulleys
  - 15-6. Split pulleys
  - 15-8. Rope pulleys
  - 15-9. V-belt pulleys
- Exercises 15

### **Chapter 16 SPUR GEARING**

- 16-1. Introduction
  - 16-2. Spur gear definitions
    - (1) Pitch circle
    - (2) Pitch surface
    - (3) Pitch point
    - (4) Centre distance
    - (5) Tooth face
    - (6) Tooth flank
    - (7) Crest of tooth
    - (8) Root of tooth
    - (9) Tooth thickness
    - (10) Addendum
    - (11) Dedendum
    - (12) Clearance
    - (13) Whole depth
    - (14) Working depth
    - (15) Addendum circle
    - (16) Dedendum circle
    - (17) Fillet radius
    - (18) Pinion
    - (19) Rack
  - 16-3. Pitch definitions
    - (1) Circular pitch, C.P.
    - (2) Diametral pitch, D.P.
    - (3) Module pitch, m
    - (4) Chordal pitch
  - 16-4. Relationship between the pitches
  - 16-5. Tooth proportions
  - 16-6. Involute spur gears
    - (1) Involute
    - (2) Base circle
    - (3) Line of action
    - (4) Pressure angle or angle of obliquity
  - 16-7. Construction of base circles
  - 16-8. Approximate construction of teeth profile
    - (1) For gears of 30 teeth and over
    - (2) For gears of less than 30 teeth
  - 16-9. Gears in mesh
  - 16-10. Rack and pinion
  - 16-11. Cycloidal tooth profile
- Exercises 16



## Chapter 17 STEAM ENGINE PARTS

- 17-1. Introduction
- 17-2. Steam engine
- 17-3. Working of steam engine
- 17-4. Steam engine parts
- 17-5. Piston assembly
- 17-6. Stuffing boxes
- 17-7. Cross-heads
- 17-8. Connecting rods
  - (1) Large or Big end (connected to crank)
  - (2) Small or little end (connected to cross-head)
- 17-9. Cranks
  - (1) Overhung crank
  - (2) Disc crank
  - (3) Forged crank
- 17-10. Eccentrics and eccentric rod
- 17-11. Cylinder
- 17-12. Cylinder covers
- 17-13. d-Slide valve
- 17-14. Steam chest
- 17-15. Steam chest top cover
- 17-16. Valve rod
- 17-17. Knuckle joint
- 17-18. Plummer block
- 17-19. Governor
  - (1) Construction of Governor
  - (2) Working of Governor
- 17-20. Flywheel

### Exercises 17

## Chapter 18 INTERNAL COMBUSTION (I.C.) ENGINE PARTS

- 18-1. Introduction
- 18-2. An I. C. Engine
- 18-3. Working of an I. C. Engine
  - (1) Suction stroke
  - (2) Compression stroke
  - (3) Power or expansion stroke
  - (4) Exhaust stroke
- 18-4. I. C. Engine parts
- 18-5. Crank case
- 18-6. Crank
  - 18-6-1. Crank web
  - 18-6-2. Crank pin
  - 18-6-3. Crank shaft
    - (1) Forged crankshaft
    - (2) Built-up crank
- 18-7. Driving gear
- 18-9. Gear nut
- 18-9. Connecting rod
- 18-10. Piston
- 18-11. Piston rings
- 18-12. Gudgeon pin
- 18-13. Circlip
- 18-14. Cylinder
- 18-15. Spark plug
- 18-16. Cylinder head
- 18-17. Cam shaft
- 18-18. Head cover
- 18-19. Cam sprocket
- 18-20. Timing chain
- 18-21. Rocker arm
- 18-22. Valves
- 18-23. Springs
- 18-24. Crank flywheel
- 18-25. Crank nut
- 18-26. Crank sprocket
- 18-27. Gaskets
- 18-28. Carburettor

### Exercises 18

## Chapter 19 ELEMENTS OF PRODUCTION DRAWING

- 19-1. Introduction
- 19-2. Geometrical tolerances
- 19-3. Types of geometrical tolerances
  - (1) Form tolerances
  - (2) Position tolerances
- 19-4. Terminology for geometrical deviations
  - (1) Tolerance of straightness
  - (2) Tolerance of flatness
  - (3) Barrel form, bow form and curvature of axes
  - (4) Taper
  - (5) Oval form and lobed form
  - (6) Radial run out and axial run out
  - (7) Misalignment
  - (8) Non-perpendicular surfaces
  - (9) Incorrect location of intersecting axes
  - (10) Datum
- 19-5. Representation of geometrical tolerance on a drawing
- 19-6. Dimensional tolerances
- 19-7. Terminology for dimensional tolerances
  - (1) Basic dimension or basic size
  - (2) Upper deviation
  - (3) Lower deviation
  - (4) Tolerance zone
  - (5) Actual size
  - (6) Zero line
  - (7) Unilateral limits
  - (8) Bilateral limits
  - (9) (i) Maximum material condition (MMC)  
(ii) Minimum or least material condition (LMC)
  - (10) Allowance
  - (11) Mating surfaces and mating dimensions
  - (12) Basic shaft
  - (13) Basic hole
- 19-8. Selection of tolerances
- 19-9. Representation of dimensional tolerances
  - (1) Letter symbol
  - (2) Number or grade method
- 19-10. Representation of dimensional tolerances on drawings
- 19-11. Fits
  - (1) Clearance fit
  - (2) Interference fit
  - (3) Transition fit
  - (4) Sliding fit
- 19-12. Hole basis and shaft basis system
  - (1) Hole basis system
  - (2) Shaft basis system
- 19-13. Representation of holes, shafts and fits
- 19-14. Surface-roughness
- 19-15. Terminology for surface roughness
  - (1) Ideal surface
  - (2) Roughness
    - (i) Roughness height
    - (ii) Mean roughness index
    - (iii) Surface roughness number
  - (3) Waviness
  - (4) Lay
- 19-16. Representation of surface-roughness on drawings
- 19-17. Conventional representation of machine parts

### Exercises 19

## Chapter 20 ASSEMBLY DRAWINGS

- 20-1. Introduction
- 20-2. Types of assembly drawings
  - (1) Designed assembly
  - (2) Layout assembly
  - (3) Installation assembly
  - (4) Working drawing assembly
  - (5) General assembly
- 20-3. Accepted norms to be observed for assembly drawings
  - (1) Selection of views
  - (2) Sectioning
  - (3) Dotted lines
  - (4) Dimensions
  - (5) Bill of materials
- 20-4. Sequences of preparing the assembly drawing
- 20-5. Illustrative problems
- Exercises 20

## Chapter 21 COMPUTER AIDED DRAFTING (CADR)

- 21-1. Introduction
- 21-2. Computer
  - 21-2-1. Organisation of a computer
- 21-3. Computer hardware for cad
  - 21-3-1. Processor (CPU)
  - 21-3-2. Visual display unit or monitor
  - 21-3-3. Main memory 'ram' (fig. 21-2)
  - 21-3-4. Input devices (fig. 21-2)
    - (1) Keyboard
    - (2) Mouse
    - (3) Tablet or Digitizer
  - 21-3-5. Graphic output devices
    - (1) Dot Matrix Printers (DMP)
    - (2) Pen Plotters (fig. 21-2)
    - (3) Ink-Jet printers/plotters
    - (4) Laser printers
- 21-4. CAD software
  - Features of CAD softwares
    - (1) Modelling and Drafting
    - (2) Ease of use
    - (3) Flexibility
    - (4) Modularity
    - (5) Low maintenance cost
- 21-5. Computer aided drafting
- 21-6. AutoCAD
  - 21-6-1. Hardware required for AutoCAD 2015/2016
  - 21-6-2. Classic and ribbon screen layout of AutoCAD 2015/2016
  - 21-6-3. Function keys
  - 21-6-4. Drawing entities (draw commands)
    - (1) Setting limits of drawing area
    - (2) DRAW commands
    - (3) ZOOM command
    - (4) Object snap
    - (5) Object Selection Method
    - (6) Modify commands
    - (7) File handling commands

- (8) (i) Text
  - (ii) MText (Multiple text)
- (9) Symbol library (block, wblock and insert)
- 21-7. Two dimensional drawings
  - (1) Absolute coordinate method
  - (2) Relative coordinate method
  - (3) Relative polar coordinate method
- 21-8. Isometric drawings
  - (1) To set isometric mode
  - (2) To set Isoplane
  - (3) Drawing isometric circles
  - (4) Isometric text
  - (5) Isometric dimension
- 21-9. 3D geometrical modelling
- 21-9-1. 3D Wireframe modelling
  - (1) VPOINT command
  - (2) UCS command
- Methods to Locate Points in Space to generate 3D Wireframe Model
  - (1) 3D Absolute Coordinate Method
  - (2) 3D Rectangular Coordinate Method
  - (3) 3D Cylindrical Coordinate Method
  - (4) 3D Spherical Coordinate Method
- 21-9-2. 3D Surface Modelling
  - (1) VPOINT
  - (2) UCS
  - (3) SHADEMODE command
  - (4) ELEV command
  - (5) 3DFACE command
  - (6) PFACE command
  - (7) Revolve surface command
  - (8) Tabulated surfaces
  - (9) Ruled surfaces
  - (10) Edge surfaces
  - (11) 3DMESH
  - (12) 3D Standard shaped surface
- 21-9-3. 3D Solid Modelling
- 21-9-4. Commands to generate profile based 3D solids
  - (1) VPOINT command
  - (2) UCS command
  - (3) SHADEMODE
  - (4) REGION command
  - (5) EXTRUDE command
  - (6) REVOLVE command
  - (7) BOOLEAN operations
  - (8) 3DARRAY command
  - (9) FILLET on 3D solids
  - (10) CHAMFER on 3D solids
  - (11) ROTATE3D command
  - (12) MIRROR3D command
  - (13) SLICE command
- 21-10. Three dimensional drawings
- 21-11. Perspective view in AutoCAD
- Exercises 21

## Index