Engineering Drawing(27021)

Chapter- 1
Section Drawing

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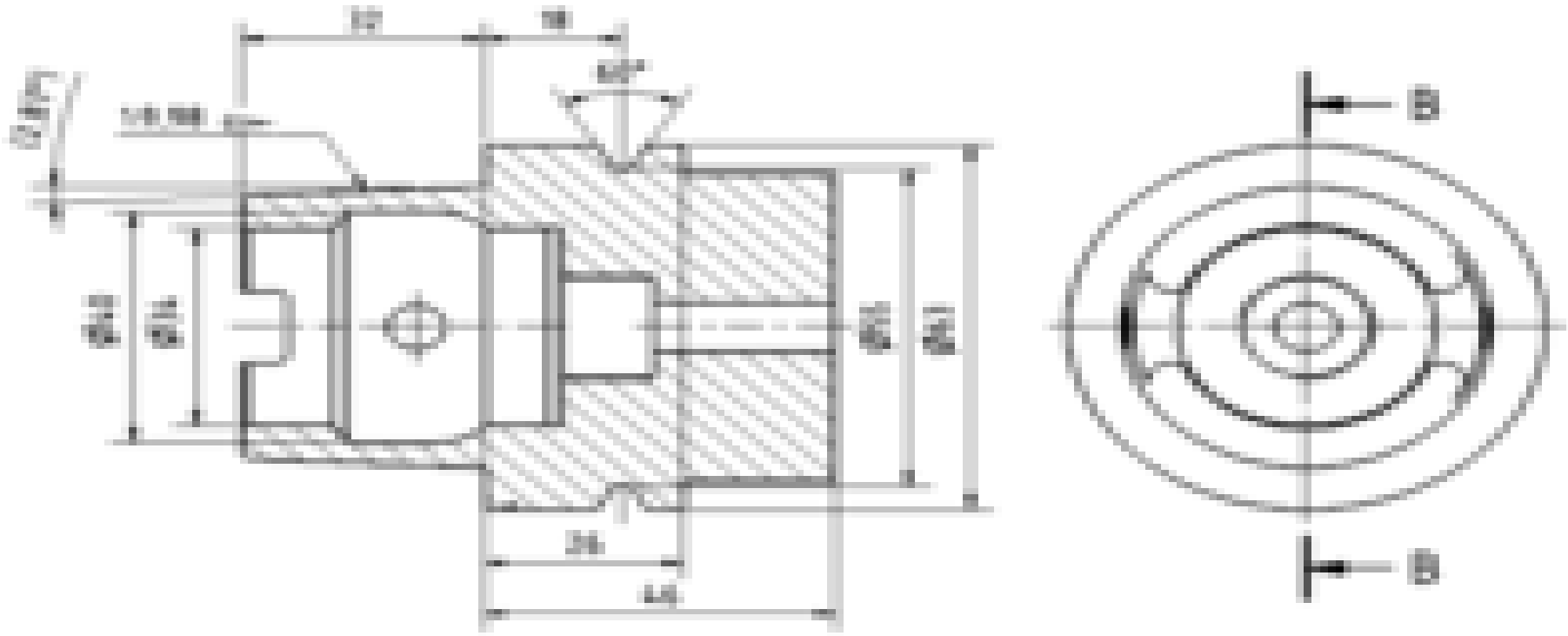
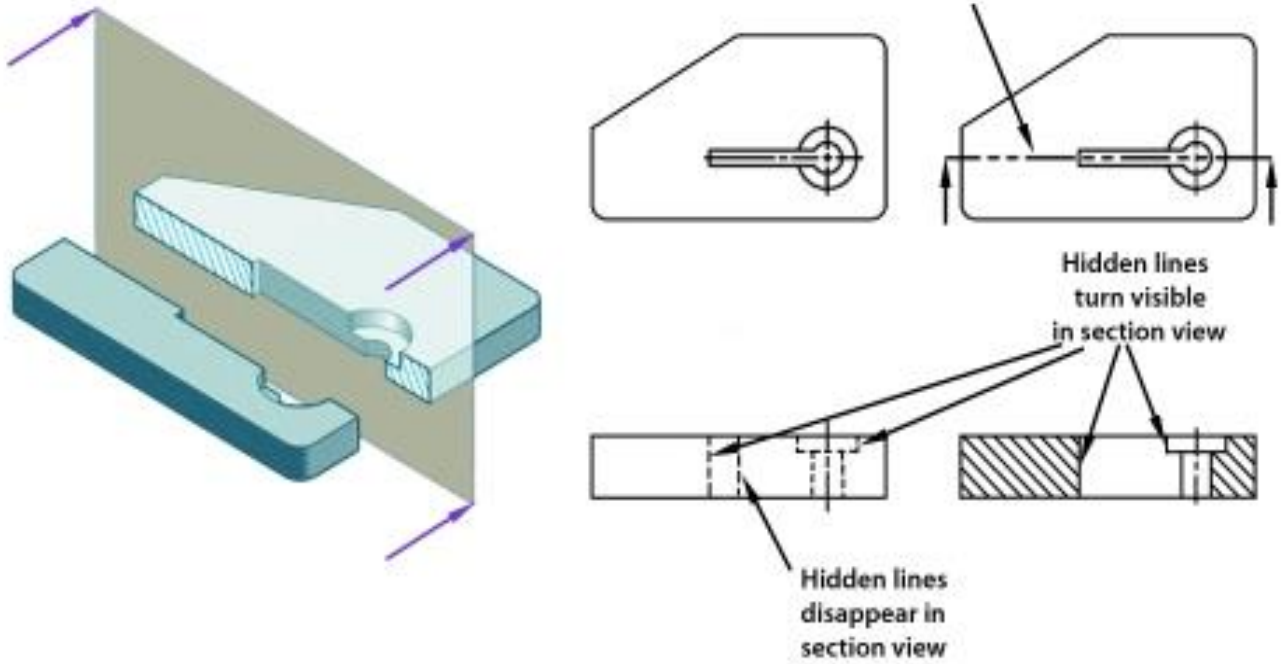
Define Section Drawing

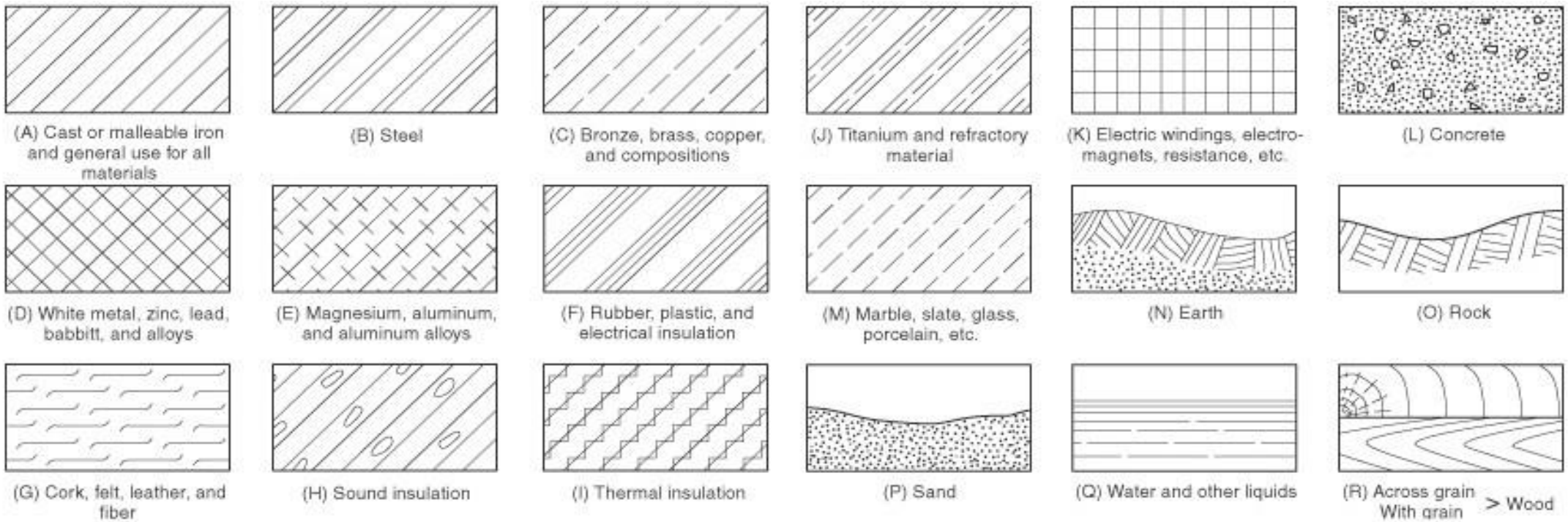



Multiview projections
Section view
Cutting plane edge
Hidden lines
turn visible
in section view
Hidden lines
disappear in
section view

Section lines and symbols

- A sectional view represents the part of an object remaining after a portion is assumed to have been cut and removed.
- The exposed cut surface is then indicated by section lines.
- Hidden features behind the cutting plane are omitted, unless required for dimensioning or for definition of the part.
- Section lines and symbols
- **Section lines,** or **hatching**, that represent the cut surface usually consist of thin parallel lines, as shown below, drawn at an angle of approximately 45° to the principal edges or axes of the part.
- For most purposes, the general use symbol of cast iron is used. When it is desired to indicate differences in materials, for example on assembly drawings involving a variety of materials, other symbolic section lines may be used.

Section lines



Define cutting plane,cutting line,sectional View,Half cut.