
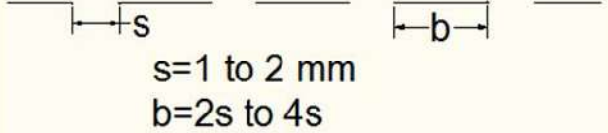
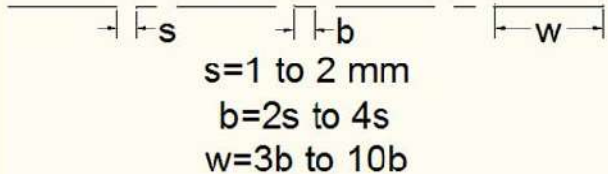
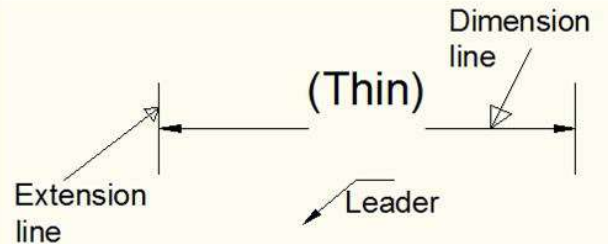
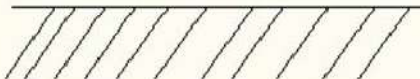
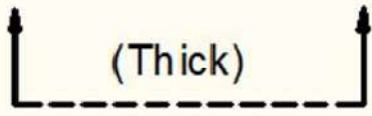
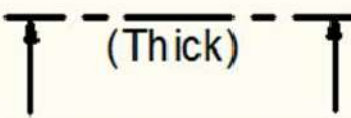
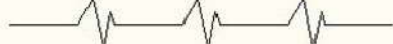

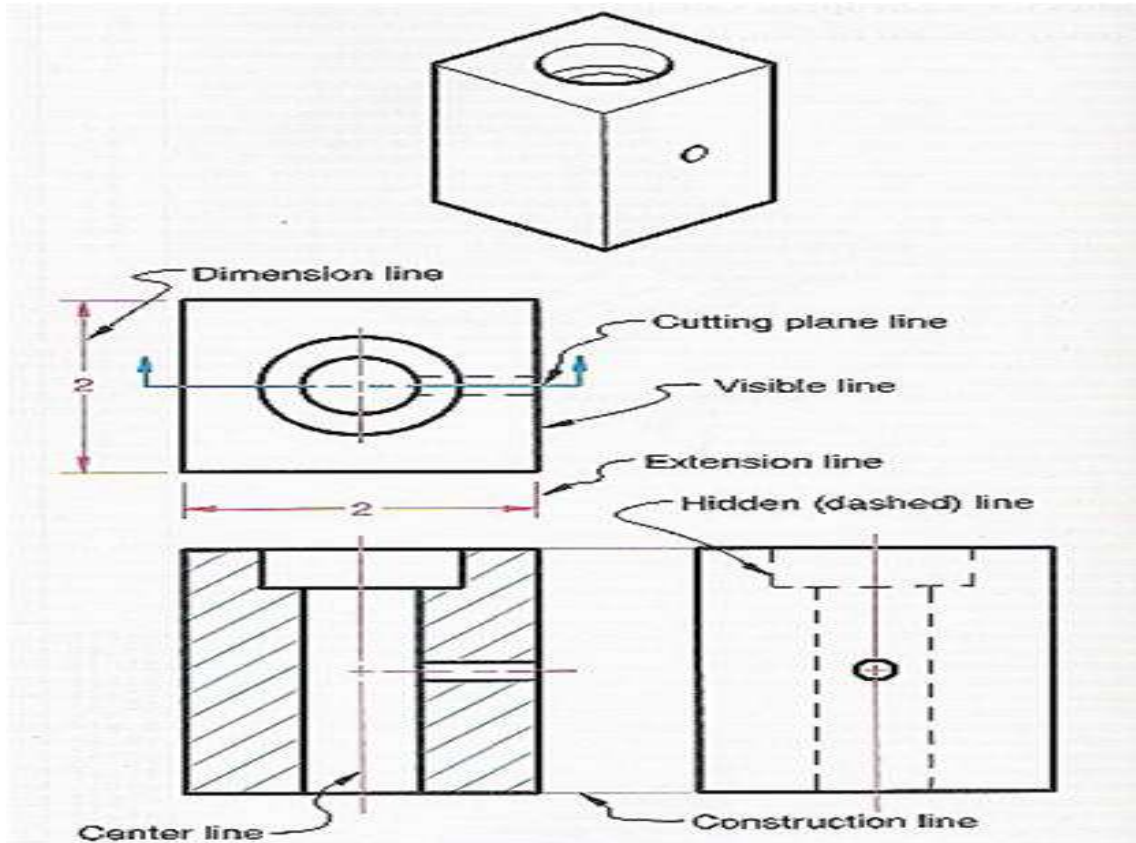


Chapter 3: Lettering & Types of Lines

SL.NO.	NAME OF LINE	LINE APPEARANCE	USAGE
01	Visible line/ Object line	(Thick) 	To indicate all visible outlines/boundary of an object. It shows the shape of an object.
02	Hidden line/ Dashed line	(Thin)  s=1 to 2 mm b=2s to 4s	To represent hidden edge of an object. They should end on both sides by touching the visible lines and should touch themselves at point of intersection (if any).
03	Center line	(Thin)  s=1 to 2 mm b=2s to 4s w=3b to 10b	To show a line passing through center of hole, pitch line etc.
04	Extension line, Dimension line and leaders	(Thin)  Extension line Dimension line Leader	To show dimension of an object
05	Section line	(Thin) 	To indicate cut portion of an object
06	Cutting plane line	(Thick) 	To show imaginary cutting of an object.
07	ISO cutting plane line	(Thick) 	To show imaginary cutting of an object.
08	Break lines	(Thin-Long Break)  (Thick-Short Break) 	To show break of an object in order to shorten the view of a long part. 09 Phantom line/ Repeat line

09	Phantom line/ Repeat line		To show alternate position of an object or the position of an adjacent part.
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Types of Lines in Engineering drawing.



LETTERING AND NUMBERING

Classification of letter styles by division of groups

ABCDEFGHI **GOTHIC** All letters having the elementary strokes of even width are classified as Gothic —
abcdefghi — Made with Style A or B Speedball Pen

ABCDEFGHI **Roman** All letters having elementary strokes "accented" or consisting of heavy and light lines, are classified as Roman.
abcdefghi — Made with Style C or D Speedball Pen

ABCDEFGHI **Italic**—All slanting letters are classified as Italics— These may be further designated as Roman-Italics, Gothic Italics or Text Italic.
abcdefghi — Made with Style C or D Speedball Pen

ABCDEFGHI **Text**—This term includes all styles of Old English, German text, Bradley text or others of various trade names — Text styles are too illegible for commercial purposes.
abcdefghi — Made with Style C or D Speedball Pen

A B C D E F G

H I J K L M N

O P Q R S T

U V W X Y Z

2 3 4 5 6 7

8 9 0