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Engineering Curves I

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For general engineering drawings, the types of lines recommended by the Bureau of Indian Standards shown in table 2 must be used. The thickness of the lines must be chosen according to the type and size of the drawing from any of the six groups given in Table 1.

### 10 Different Types of Lines Used In Engineering Drawing

This EzEd Video explains Engineering Curves - Ellipse - Parabola - Hyperbola - Cycloid - Epicycloid - Hypocycloid - Involute - Spiral - Helix

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eg. when  $e=1/2$ , the curve is an Ellipse, when  $e=1$ , it is a parabola and when  $e=2$ , it is a hyperbola. Focus-Directrix or Eccentricity Method. Given : the distance of focus from the directrix and eccentricity Example : Draw an ellipse if the distance of focus from the directrix is 70 mm and the eccentricity is  $3/4$ . 1.

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