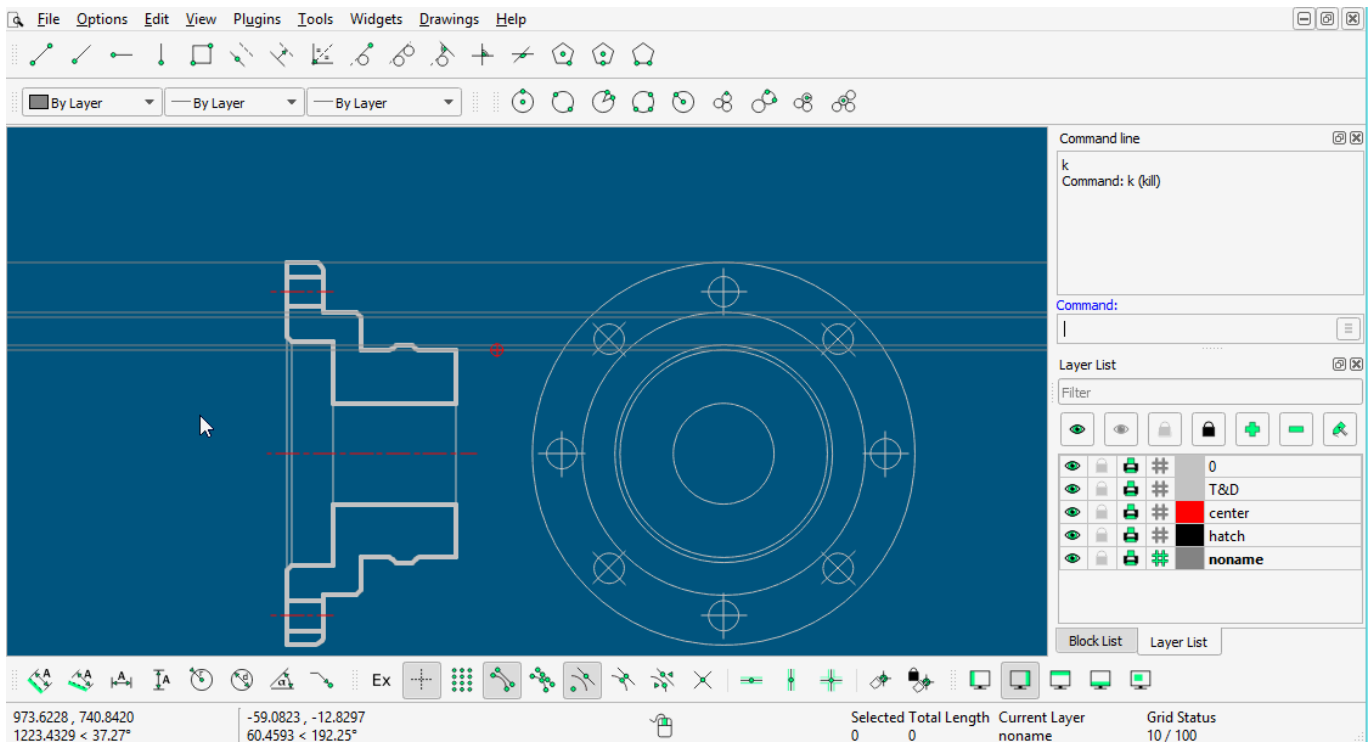# Animated Tutorials

In this **Animated Tutorials** series, one will get a basic ideas of - how **tools** can be used to create drawings.

This tutorial will guide step by step to understand from very basic behavior of tools. In other word, it can be an **Animated User Manual**.

Contents of this Tutorial will follow as mentioned below.

- **Line**
- **Circle**
- **Modify**

Note: The focus of this tutorial is only for Tools. For User Interface, Preferences, Toolbar setting related tutorial could be at different tab/page inside Wiki or will be uploaded soon here Animated Tutorial page.

Before moving to tutorials, let's see few basics of - how **command-line**, **mouse**, and **Tool-option** used as input.
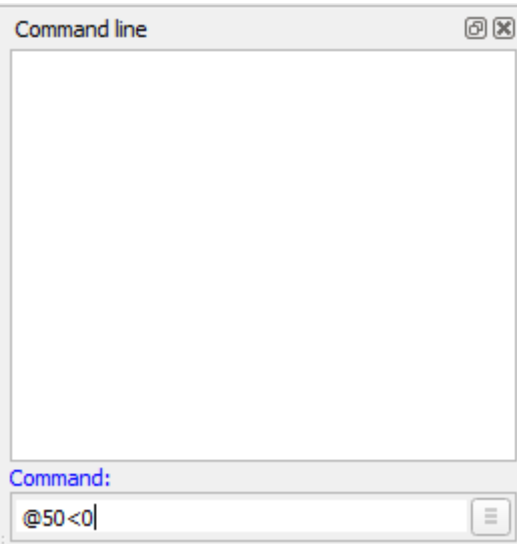
(1)

MOUSE (located at **status bar**)
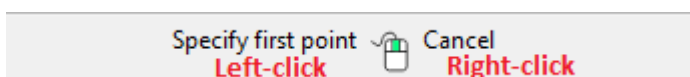
When command is changed, one will see differences such as

- specify first point
- specify position
    - and so on…
- `Right-click` works as same as **Esc**, To exit any commands, Right-click two times escapes the command.
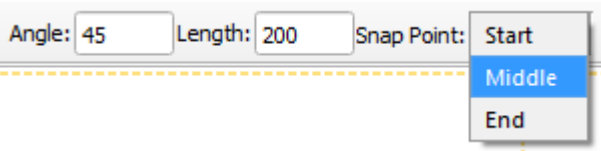
(2)

Command-line

Command-line is used for inputs such as Length, Angle, Points, and can be input the same after the particular command is activated.

(3)

Tool-option

Different tools shows the different option, check-it out by various different tools such as Line, Angle, Circle, Rectangle, etc.

Contents Of Tools

Line	Circle	Modify
2 points	Center Point	Move / Copy
Angle	2 Points	Rotate
Horizontal	2 Points, Radius	Scale
Vertical	3 Points	Mirror
Rectangle	Center, Radius	Move and Rotate
Parallel through points	Tangential 2 Circles, 1 Point	Revert Direction

Line	Circle	Modify
Parallel	Tangential, 2 Point	Trim
Bisector	Tangential 2 Circles, Radius	Trim Two
Tangent (P,C)	Tangential 3 Circles	Lengthen
Tangent (C,C)		Offset
Tangent Orthogonal		Bevel
Orthogonal		Fillet
Relative Angle		Divide
Polygon (Cen, Cor)		Stretch
Polygon (Cen, Tan)		Properties
Polygon (Cor, Cor)		Attributes
		Explode text
		Explode
		Delete Selected

LINE

CIRCLE