

# Arc

An arc represents a part of a circle defined by the radius and two points. The following figures show examples of arcs.



## To create an arc

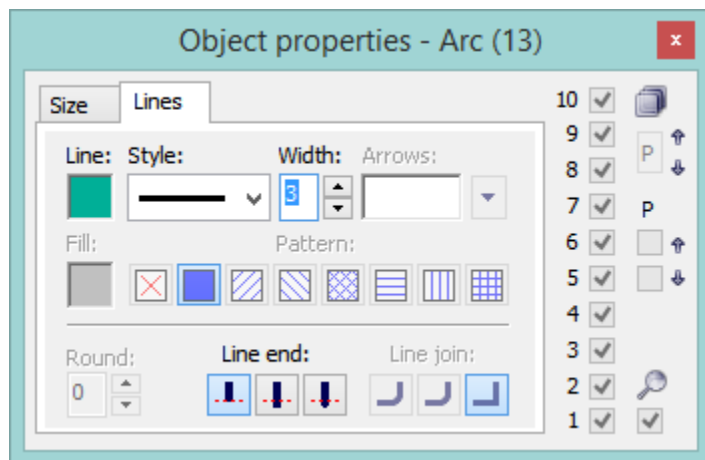


1. In the **Drawing toolbar**, click the button **Arc**.
2. Point the mouse cursor to the position of the arc centre and click.
3. An auxiliary circle will appear. Set the radius of the auxiliary circle and click.
4. A line, whose one point is in the centre of the circle will appear. Click the position where you want to be the begin point of the arc.
5. Define the size of the arc and click.

**Tip:** To create an arc at an angle equal to multiple of 45°, hold down the Shift key when drawing.

## Arc parameters

The parameters are defined in the palette **Object properties**.



### Line

Selection of a arc color. Clicking the color sample placed below the caption opens the **color palette**. Clicking a color in the palette sets the color as the color of the arc.

### Style

Selection of a line style. The list contains several line styles - e.g. solid line, dash line, dotted line, dot-and-dashed line.

### Warning:

Drawing and behaviour of lines of *Dotted line* style depends on the operating system. In D2000 systems running under Windows 2000, using a zoom does not change a width of dash line.

### Width

Definition of a line width from 1 to 40.

### Line end

Definition of a line end style. A line end style is defined by clicking on corresponding button. The styles are shown in the following figure.



Buttons of line end styles



View of the line end styles



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