

SmartLine 1E Exercise

English Measure

Level 1 Module 11

For more exercises, go to <http://www.micro-press.com/Resources.html>

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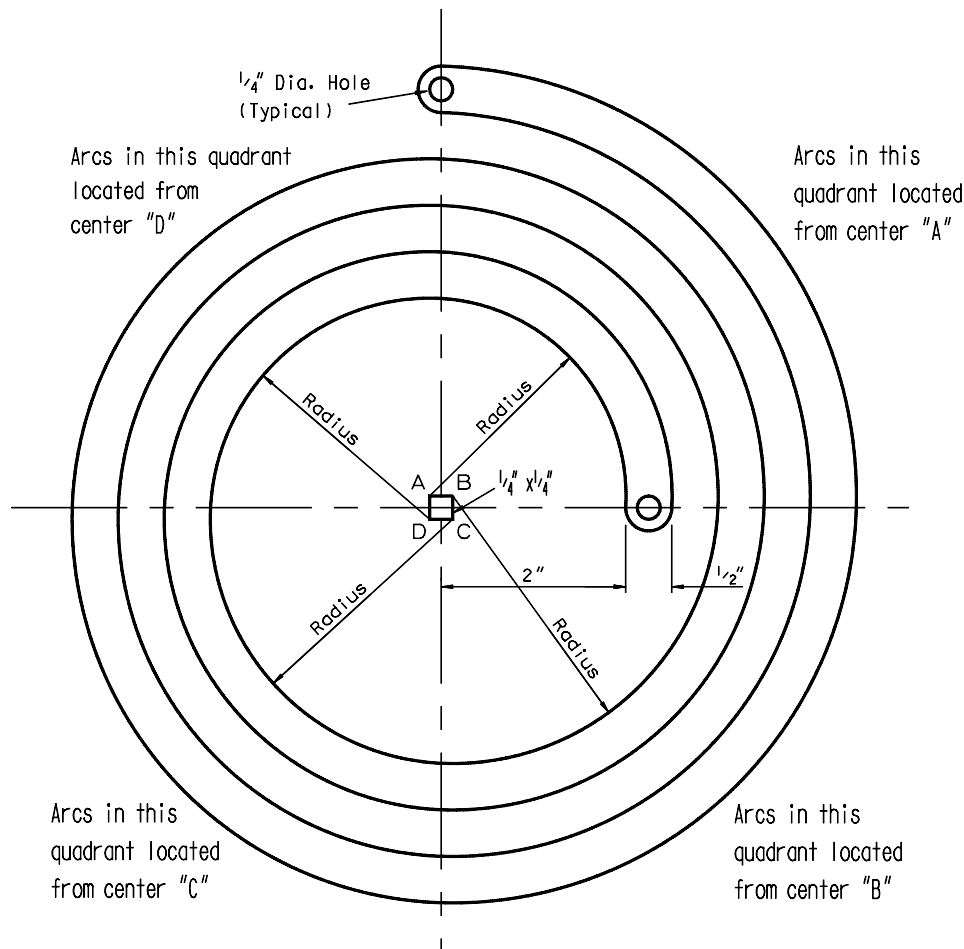
This exercise is best done after completing Module 11 of our MicroStation 2D Level 1 Training Manual.

The drawing below shows the layout for a stove-top burner element. Do the following:

- Open a new file called: BURNER
- Set Working Units to " ", so that you can work in inch units.
- Make any other settings you think necessary.
- Use SmartLine to draw the burner element to the dimensions shown.

The spiral of the burner is constructed from individual arcs. Each arc starts and finishes on a center line, and extends only within a quadrant. Note also that the arcs in each quadrant have different center points.

Use SmartLine to draw the arcs (you can use the Arc tool, but you will find that SmartLine is an easier tool in this case). If you are really good you can find a way to draw the spiral without stopping the SmartLine at each quadrant. To assist with snapping to the central square, open a second view window and size it to show only the center square.



Burner Element Layout