

Archimedes Spiral

The Spiral of Archimedes

$R = r + a\theta$

r (mm)

2-+

a

2,0-+

Step

100-+

Turn direction

☒ Left
☐ Right

Length (mm)

0,0-+

Turns

10-+

Notes

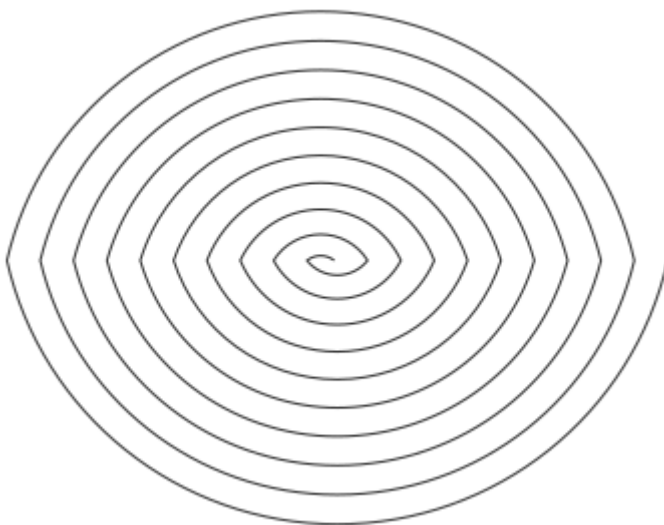
The option "turns" only works if you set "length (mm)" to 0.0. Otherwise the length value will be used to calculate the spiral for given length. The higher the "step" value is set the better the accuracy is. If you set the step value really low the resulting length will not be precise and the curve is maybe not drawn at all. You can validate the length by using the extension "Visualize Path > Measure Path"

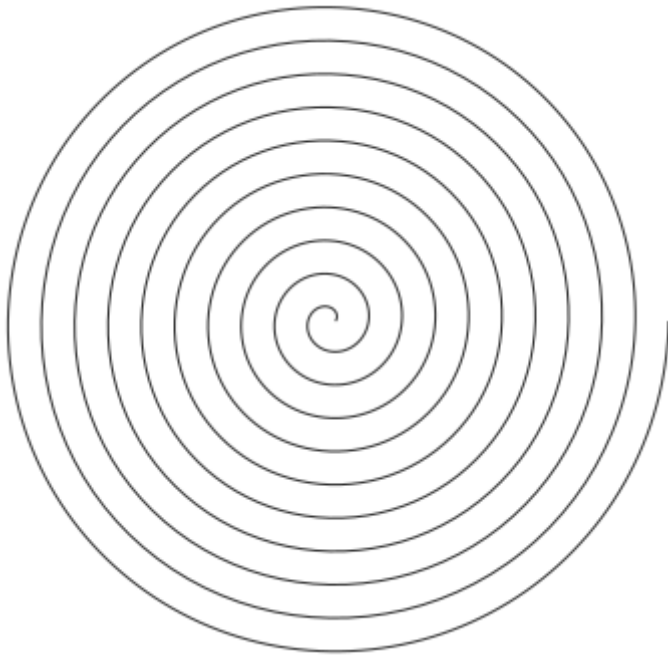
☒ Live preview

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Examples





Version #1

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