



Soft Rounded Triangle Plant Saucers with Decorative Rim



Lucky Resistor

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Summary

Elevate your plant presentation with our triangle-shaped saucers, featuring soft rounded corners and a decorative rim.



4.07 hrs



1 pcs



0.20 mm



0.40 mm



PET



58 g



Prusa
MK3/S/S+

[Household](#) > [Outdoor & Garden](#)

Tags: [small](#) [rounded](#) [flower](#) [triangle](#) [dimensions](#) [large](#)
[dish](#) [saucer](#) [soft](#) [triangular](#) [heights](#) [sizes](#) [various](#)
[variants](#)

I've designed these Soft Rounded Triangle Plant Saucers to add a touch of elegance and functionality to your indoor gardening setup. With their triangle shape, soft rounded corners, and curved sides, they offer a unique aesthetic that differs from the traditional round saucers. The design includes a decorative rim with a soft waterfall pattern, adding an extra layer of visual interest. Furthermore, I incorporated ribs in a geometric

pattern on the bottom to increase airflow between the pot and the saucer, ensuring your plants' health by preventing water from stagnating.

Update 2024-06-05: Added a showcase folder.

Explore the Comprehensive PDF Catalog

For those of you who like to dive into details, I've prepared a comprehensive PDF catalog that showcases the saucers with all dimensions and variations. You'll find it under the "Other Files" category on the project page, offering a visual and informative guide to help you select the perfect saucer.

How to Print the Saucers

In the file section, you find a PrusaSlicer example file. It contains all my recommended adjustments. If you like to build it from scratch, have a look at the following table:

Parameter	Description
Nozzle Size	0.4mm, 0.6mm, 0.8mm
Filament Materials	PETG (recommended), PLA, ASA (for experts)
Perimeters	2 or 3, see details below
Infill	15%

Nozzle Size and Layer Height

The saucer is designed to print effectively with 0.4mm, 0.6mm, and 0.8mm nozzles, accommodating all wall thicknesses. Select a layer height appropriate for your nozzle size, and always review the sliced result before printing. Aim for the walls, at the thinnest sections, to be printed solely with perimeter lines, free of infill. For prints using a 0.4mm nozzle, consider increasing the number of perimeters to three or more for optimal results.

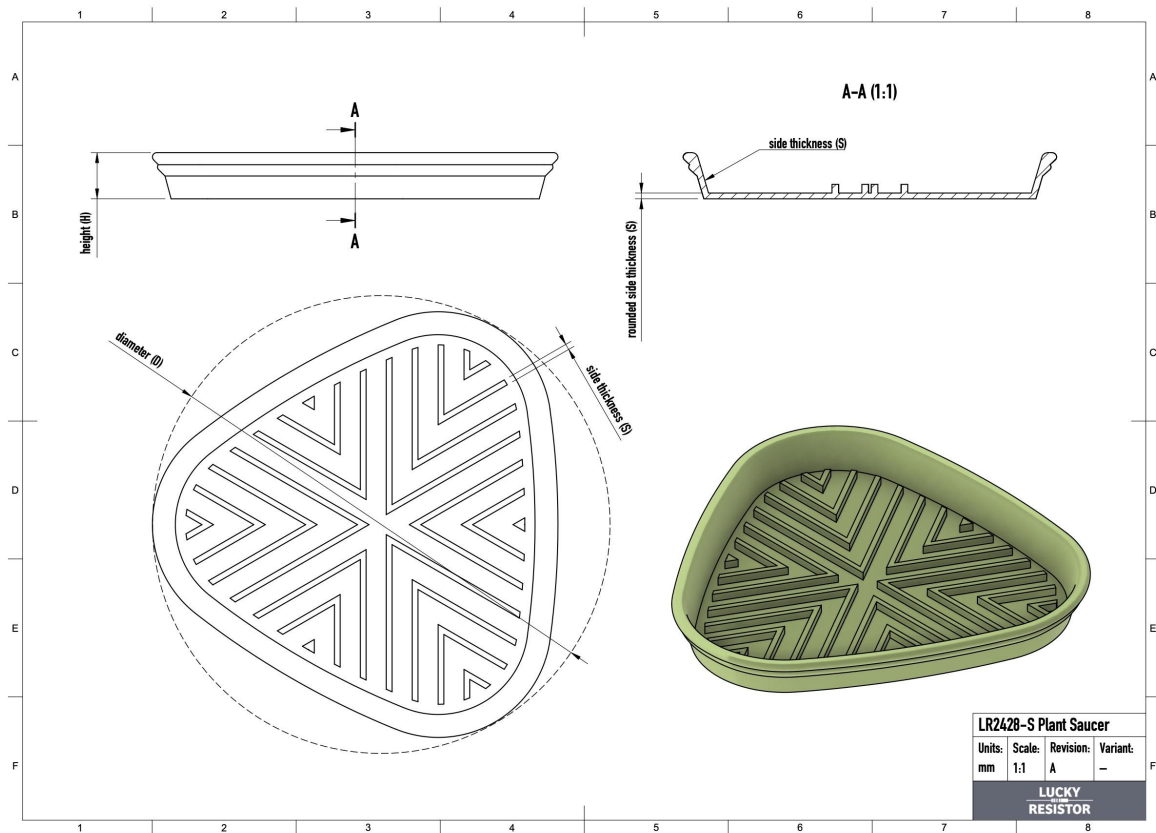
Choosing the Right Side Thickness

The models not only have different sizes, but also three side thicknesses.

- S17 (1.68mm): The thinnest variant is best suited for rigid filament.
- S20 (2.0mm): The medium thickness gives more stability and works well for soft materials like PETG.

- S25 (2.5mm): My recommendation. This thickness provides excellent structural support for the sides of the pot, even for very large prints.

Dimensions and Naming Conventions



The saucers come in various sizes to accommodate different plant pot sizes. An example file name such as LR2428-S-S20-H016-D160 provides detailed dimensions:

- S20 indicates a side thickness of 2.0 mm.
- H016 denotes a height of 16 mm.
- D160 refers to a diameter of 160 mm.

Matching Pots

- [Soft Rounded Triangle Flower Pots with Decorative Rim and Lines](#)
- [Triangle Flower Pot in Various Sizes](#)

Locating the Model Files

All model files for these saucers can be found in the "Files" tab, where I've organized them into ZIP files based on file format for your convenience. Choose from 3MF, or STEP files according to your preference.

Where are the STL files?

I decided to no longer provide STL files, as the 3MF format already contains a mesh based format that can be read by almost every slicer software. In case you need the STL format, please open the 3MF file using PrusaSlicer and export the model as STL from there.

Photos of Real Prints

While I tested this print, I gave the test prints away as a gift and have no real photos of it. For a good impression of the look of real prints, check out the [matching flower pot](#).

Explore More 3D Models

Checkout the following blog post for a visual overview of all flower pots and saucers I designed:

- [Designing 3D-Printable Pots](#)

I encourage you to browse my other 3D model designs for more gardening solutions and decorative items. There's a good chance you'll find something that perfectly fits your taste or meets a specific need.

[>>> Browse all my 3D models <<<](#)

Conclusion

These Soft Rounded Triangle Plant Saucers are designed to blend functionality with aesthetics, providing a stylish yet practical solution for your gardening needs. Whether you're an indoor gardening enthusiast or simply looking to enhance your home's decor, these saucers offer an interesting alternative to the traditional options available. I hope you find them as enjoyable to use as I did to create. If so, please consider leaving a rating and sharing photos of your saucers in use!

Happy printing!

Model files



Showcase (Download ZIPs for all Model Files)

18 files



lr2428-s-s25-h016-d360.3mf



lr2428-s-s25-h016-d200.3mf



lr2428-s-s25-h012-d280.3mf



lr2428-s-s25-h020-d340.3mf



lr2428-s-s17-h012-d160.3mf



lr2428-s-s20-h016-d300.3mf



lr2428-s-s20-h020-d240.3mf



lr2428-s-s20-h012-d200.3mf



lr2428-s-s17-h020-d260.3mf



lr2428-s-s17-h012-d360.3mf



lr2428-s-s17-h020-d160.3mf



lr2428-s-s20-h016-d180.3mf



lr2428-s-s25-h020-d220.3mf



lr2428-s-s20-h020-d360.3mf



lr2428-s-s17-h020-d340.3mf



lr2428-s-s25-h012-d180.3mf



lr2428-s-s20-h012-d320.3mf



lr2428-s-s17-h012-d220.3mf



PrusaSlicer Example

1 file

print-lr2428-s-s20-h016-d160.3mf



Print files

print-lr2428-s-s20-h016-d160_02mm_petg_mk3s_4h4m.gcode



PET 0.40 mm 0.20 mm 4.07 hrs 58 g Prusa MK3/S/S+

Other files

lr2428-s-catalog.pdf

lr2428-s_step.zip

Download this ZIP for all model files in STEP format.

lr2428-s_3mf.zip

Download this ZIP for all model files in 3MF format.

lr2428-s-saucer-drawing.pdf

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