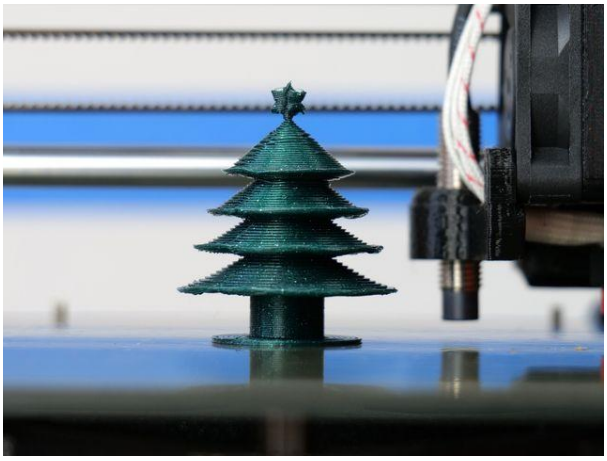
Printables by JOSEF PRUSA



Supportless Christmas Tree (Conical Slicing)

CNC Kitchen

VIEW IN BROWSER

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Summary

Chrismas Tree that doesn't require supports due to conical slicing (GCode for Prusa Mini)

1.00 hrs	1 pcs	0.20 mm	0.40 mm	PLA	6 g	Prusa MINI / MINI+

3D Printers > Test Models

Tags: conical planar slicing non nonplanar

Conically sliced (16°) Christmas tree for the Prusa Mini. Download the attached GCode file and directly print it.

The procedure used is described here: https://www.cnckitchen.com/blog/guide-how-to-use-conical-slicing

Might also work on different machines if you have enough clearance around your nozzle. Requires 16° nozzle clearance.

EXPERIMENTAL - USE AT YOUR OWN DISCRETION!

STLs are for reference only. 3MF file is for SuperSlicer.

Transformed and Back-Transformed using the Conical Slicer developed by the ZHAW Winterthur, Switzerland:

https://github.com/CNCKitchen/ConicalSlicer/tree/master/Scripts%20for%20Variable%20Angle

Model files

tree_02.stl

tree_02stl_outward_16deg_transformed.stl

prusamini_ss_tree_02.3mf

Print files

tree_02b_02mm_pla_mini_56m_bt_outward_radial.gcode

PLA 0.40 mm 0.20 mm 1.00 hrs 6 g

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