



TestTower fast

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Summary

Test Tower with Segments works in spiral print - testing detail pos/neg bridging sharp edge round flat

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Finding the sweet spot for your filament is not always easy and most test print tower take a while to print and use a lot filament.. so this is just a very quick way to see where to aim .. you can do more detailed and larger tests later not wasting time and money.

- This tower can be sliced in vase mode and either sit by your printer and change a setting every 5mm (speed, temp, flow/multiplier) and note down the height or letter
- Or change the g-code directly.
- Or use a script in your slicer to change a setting every 5mm.

This test is challenging even with the best settings/printer, so don't wonder if none of the Segments looks perfect - just select the best looking segment/setting - it will show you the limits.

How to proceed

First print one with coarse settings like 200°, 210°, 220°... then a fine one with values around the best result to narrow the sweet spot further down 205°, 206°, 207°...

You have 10 Segments so this is just 50mm tall and you don't need a 100mm long bridge to see if it looks ok - so this is fast like 10-30 min print and cost you less than 1/2m (50cm) filament .

What is tested

There are sharp corner (35°) positive and negative, there are 90° corners pos/neg round 5/2.5 radius flat surface fine detail negative and positive , Overhangs and shallow slopes and a bridge test.

You also can check for seam settings or infill (pattern overlap) or bottom/top layer if not using vase mode.

Model files



22-092testtower.3mf



22-092testtower.scad

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