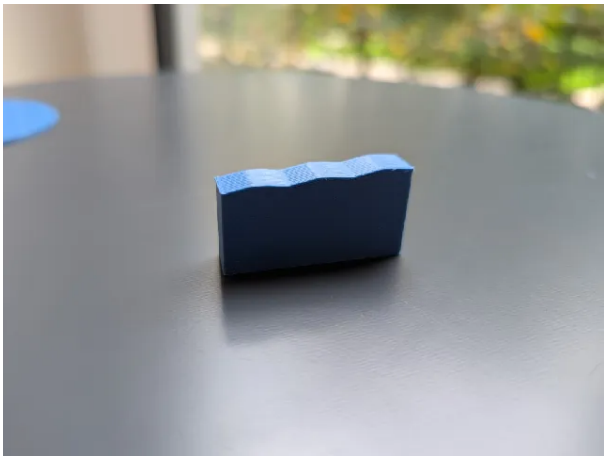


Nonplanar Test Print

F **Fichl**

VIEW IN BROWSER

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Summary

This is a testprint for nonplanar printing.

16.00 hrs	16 pcs	1.00 mm	0.40 mm	PLA	16 g	Bambu Lab A1 mini

3D Printers > Test Models

I am collecting border values for nonplanar printing for common printers. See Details on the project in this reddit post.

This testprint tests nonplanar printing on your printer, by going steeper in 2 degree steps up top 12 degrees. Max total height difference is just under 5mm.

Please contribute by:

- Printing .gcode files for your printer for both Orientation A and Orientation B.
  --> WATCH THE PRINT CLOSELY and stop if there is contact.
- Please feedback your border values in a comment on this page:
  - Did the nozzle drag along one of the surfaces?
    --> If yes, at which angle did it start to occur (the bottom side states the angle per section)?

    - Which printer was used?
    - Did both prints go without issues?
    - In case of issues: At which angle did the nozzle hit and in which orientation?

Files are slices for:

- Prusa: MINI, MK3S, MK3.5, MK4, MK4S, CORE One, XL, CORE One L, XL 5T
- Bambu: A1 mini, A1, P1P, P1S, P2S, X1 Carbon, X1E, X2D, H2S, H2D
- Anycubic: Kobra S1
- Creality: Ender-3 S1 Pro, Ender-3 V3 KE, Hi, K2
- Elegoo: Centauri Carbon, Centauri Carbon 2
- FLSun: V400
- Flashforge: AD5X
- Prusa: CORE One L, XL 5T
- Qidi: Q2
- Snapmaker: U1
- Sovol: SV06

THANK YOU!

Model files



nonplanar-test-piece.step

Print in two Orientations: One of which rotated by 90 degrees

Print files

Prusa 14 files

nonplanar-angle-test-piece-v13-prusa-mk35-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

-

nonplanar-angle-test-piece-v13-prusa-core-one-pla-o… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

-

nonplanar-angle-test-piece-v13-prusa-mini-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g



nonplanar-angle-test-piece-v13-prusa-mini-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk35-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-xl-pla-orienta… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk4-pla-orient… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk4s-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-xl-pla-orienta… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk3s-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk4s-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk4-pla-orient… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-core-one-pla-o… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-mk3s-pla-orien… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-core-one-l-pla… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

nonplanar-angle-test-piece-v13-prusa-core-one-l-pla… .gcode

PLA 0.40 mm 1.00 mm 1.00 hrs 1 g

Other files

FL Sun 1 file



nonplanar-angle-test-piece-v13-flsun.zip

Snapmaker 1 file

nonplanar-angle-test-piece-v13-snapmaker.zip

Sovol 1 file

nonplanar-angle-test-piece-v13-sovol.zip

Flashforge 1 file

nonplanar-angle-test-piece-v13-flashforge.zip

Quidi 1 file

nonplanar-angle-test-piece-v13-qidi.zip

Crealitiy 1 file

nonplanar-angle-test-piece-v13-creality.zip

Elegoo 1 file

nonplanar-angle-test-piece-v13-elegoo.zip

Anykubic 1 file

nonplanar-angle-test-piece-v13-anycubic.zip

Bambu 1 file

bambu-printer-gcodes-v11.zip

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