Prusa Slice

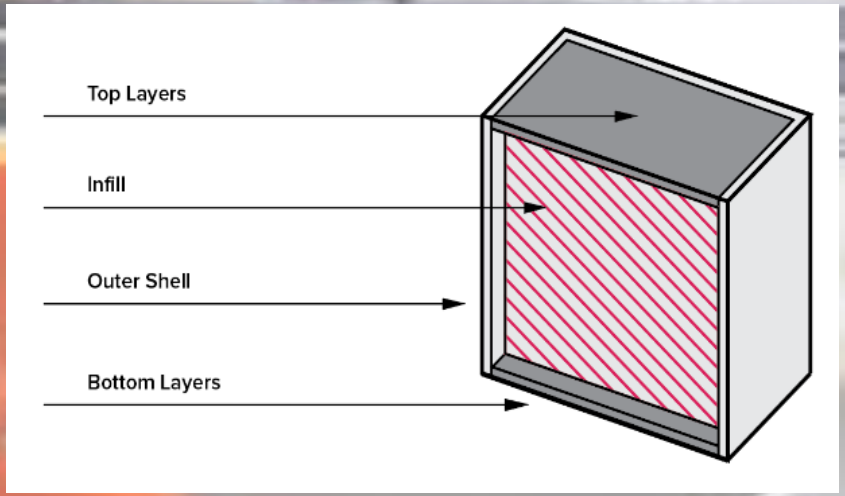
CREAREA MODELELOR CAD PENTRU IMPRIMARE 3D

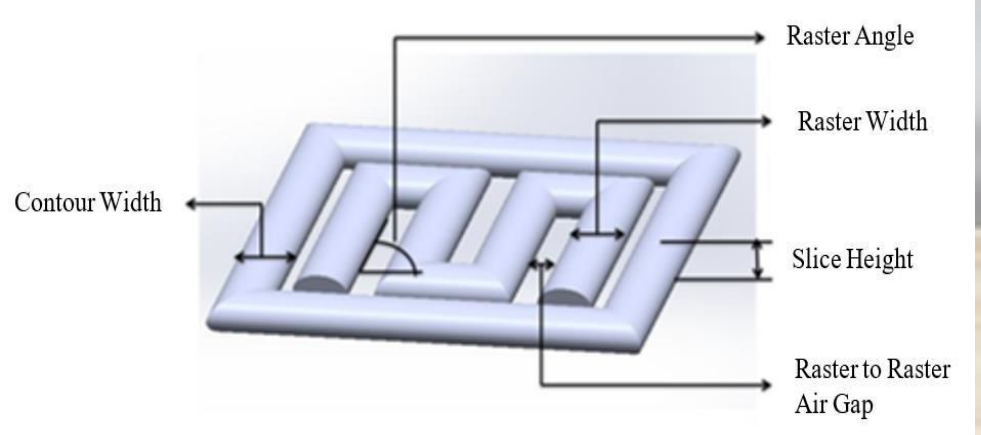
Data transfer to the AM machine/Slicing

Machine set-up

PRE-PROCESARE

Prusa Slicer



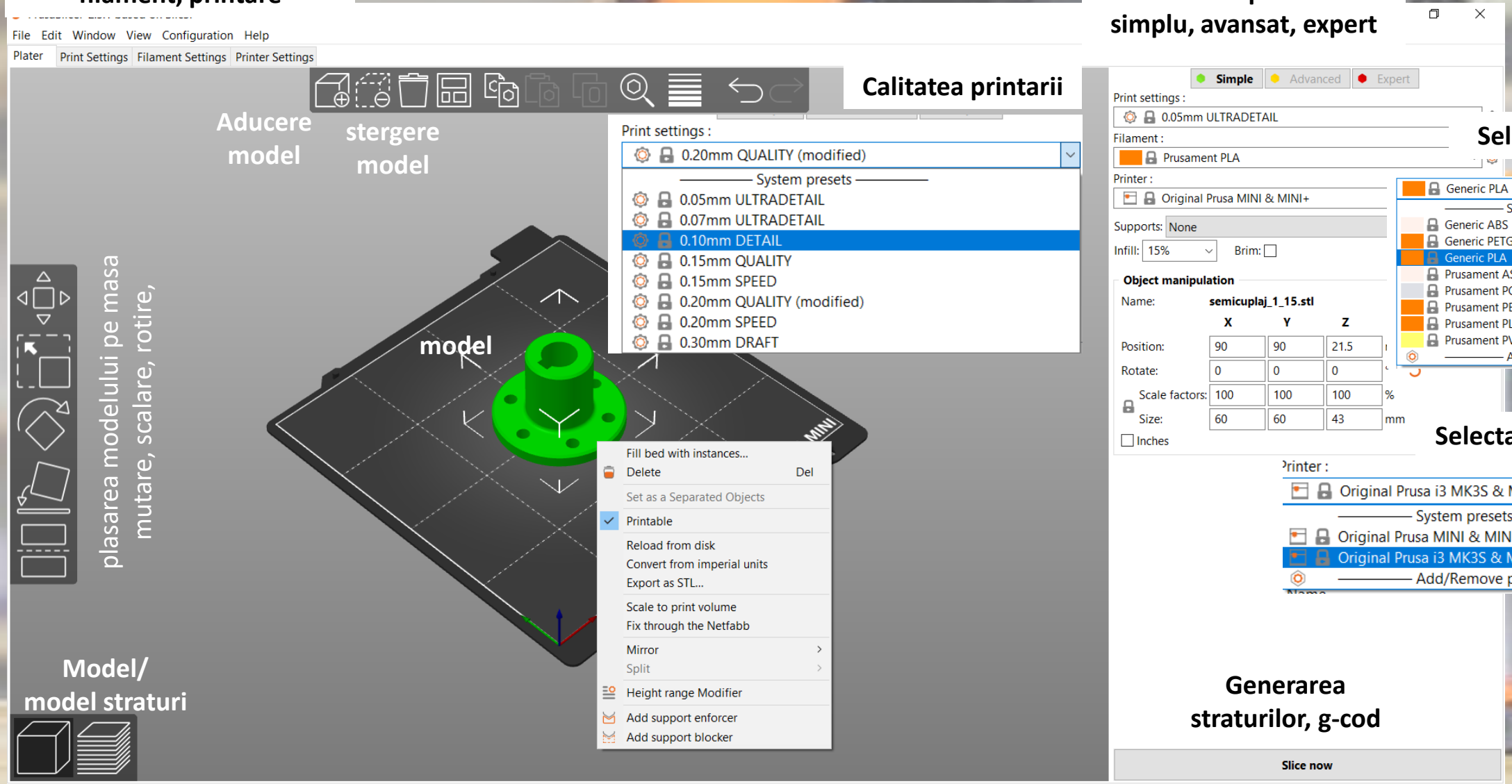


CREAREA MODELELOR CAD PENTRU IMPRIMARE 3D

Prusa Slicer

Setari pentru imprimanta, filament, printare

Nivelul de printare – simplu, avansat, expert

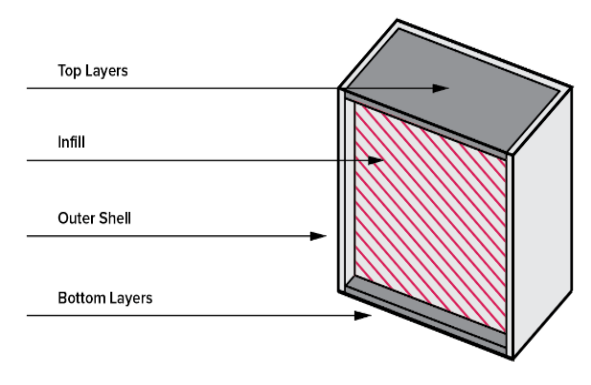


CREAREA MODELELOR CAD PENTRU IMPRIMARE 3D

Prusa Slicer

Fereastra cu setarile pentru modelul de straturi

Setarea straturilor



File Edit Window View Configuration Help

Plater | Print Settings | Filament Settings | Printer Settings

0.05mm ULTRADETAIL @MINI

- Layers and perimeters
- Infill
- Skirt and brim
- Support material

Layer height

Layer height: 0.05 mm

First layer height: 0.2 mm or %

Vertical shells

Perimeters: 3 (minimum)

Spiral vase: ☐

Recommended object thin wall thickness for layer height 0.05 and 2 lines: 0.79 mm , 4 lines: 1.57 mm , 6 lines: 2.35 mm

Horizontal shells

Solid layers: Top: 15 Bottom: 10

Minimum shell thickness: Top: 0.7 mm Bottom: 0.5 mm

Top shell is 0.75 mm thick for layer height 0.05 mm.
Bottom shell is 0.5 mm thick for layer height 0.05 mm.

Advanced

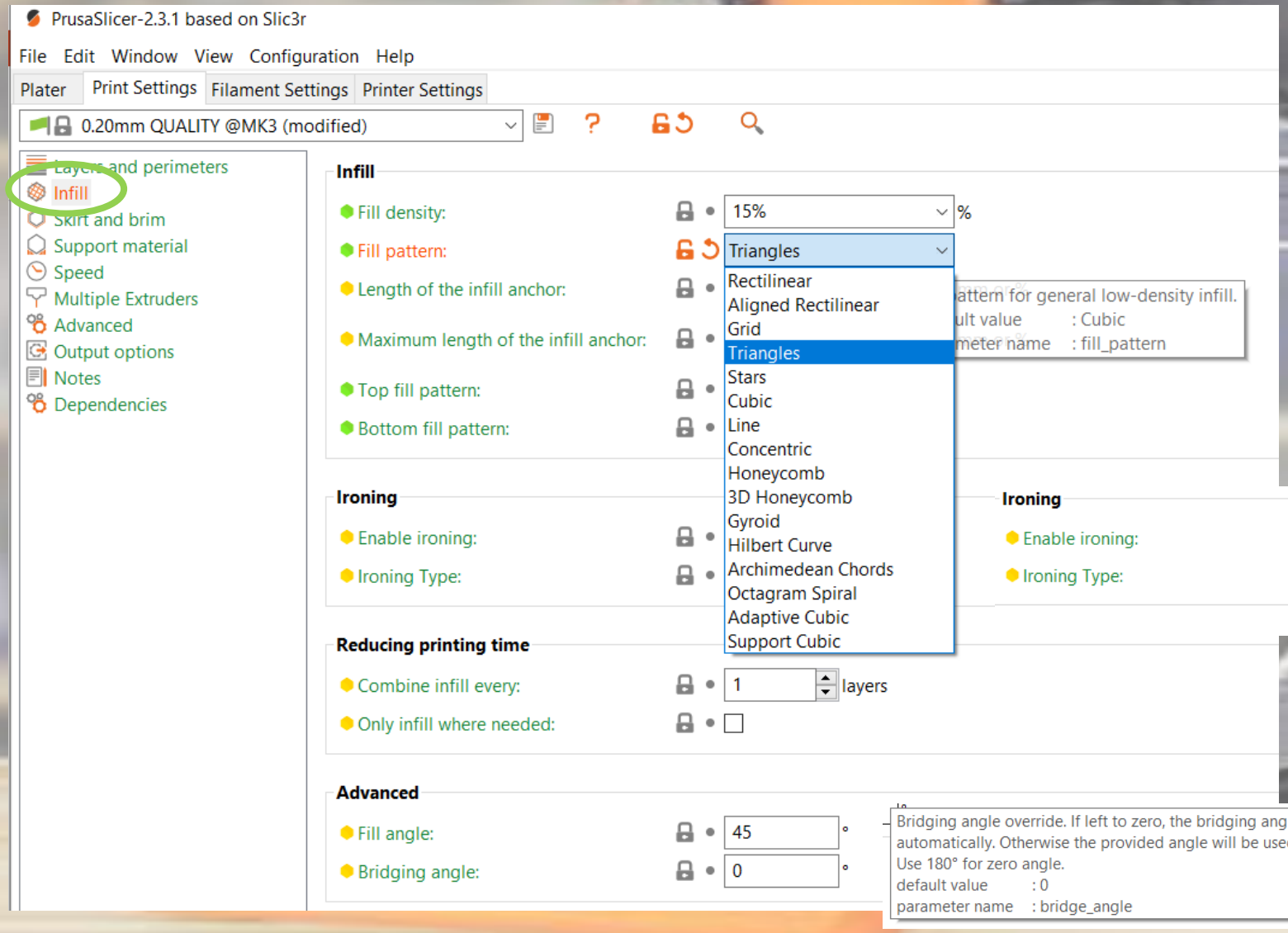
Seam position: Nearest

- Random
- Nearest
- Aligned
- Rear

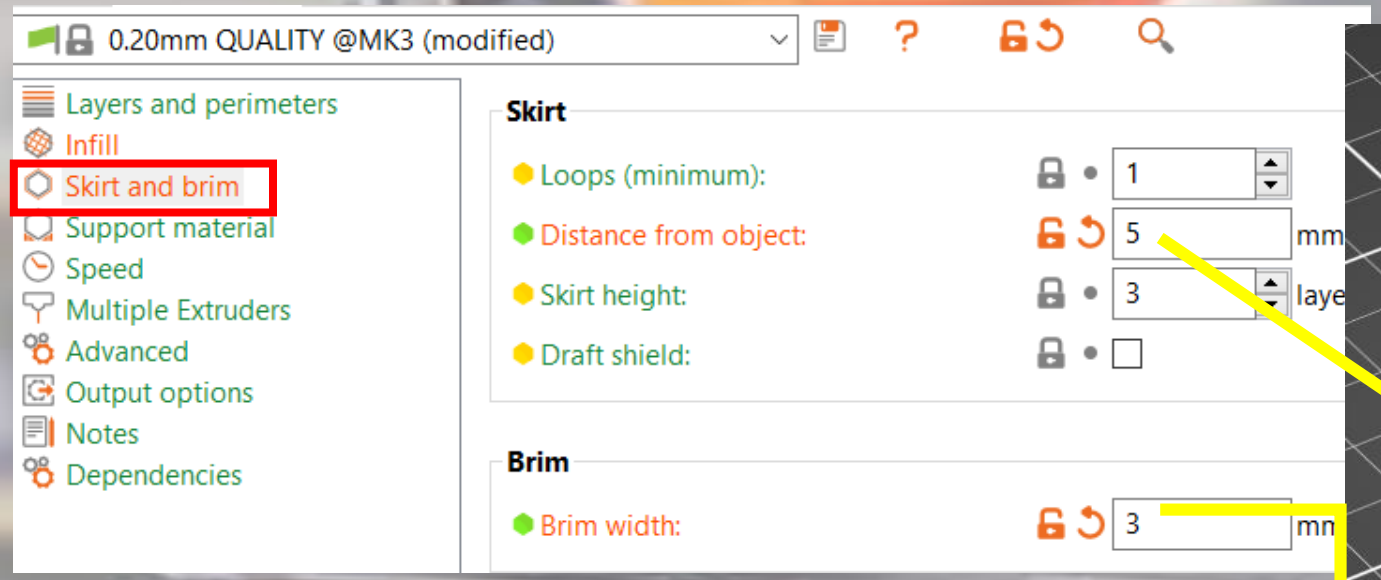
Position of perimeters starting points.
default value : Aligned
parameter name : seam_position

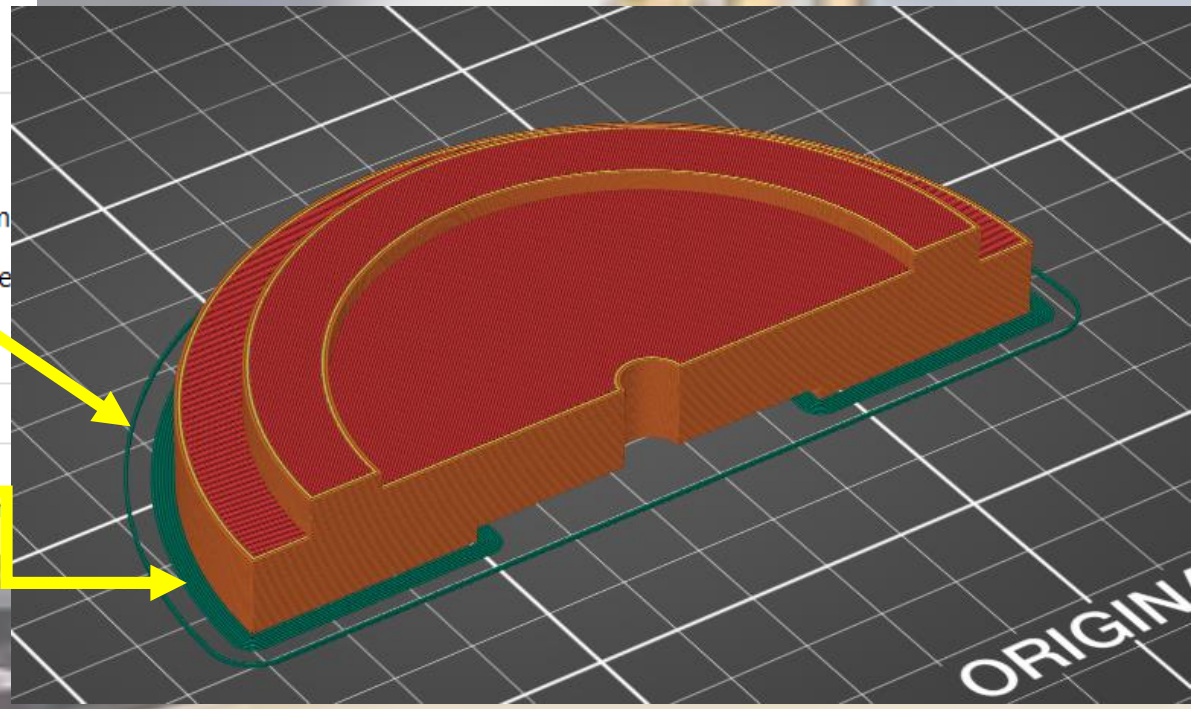
Seam posit

Setarile umplerii piesei – “infill”



Setarile elementelor aditionale intre piesa si masa





- Skirt - contur in jurul piesei

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Prusa Slicer

Setarile suportului

Support material will not be generated for overhangs whose slope angle (90° = vertical) is above the given threshold. In other words, this value represents the most horizontal slope (measured from the horizontal plane) that you can print without support material. Set to zero for automatic detection (recommended).
default value : 0
parameter name : support_material_threshold

0.20mm QUALITY @MK3 (modified)

- Layers and perimeters
- Infill
- Skirt and brim
- Support material
- Speed
- Multiple Extruders
- Advanced
- Output options
- Notes
- Dependencies

Support material

Generate support material:	☑
Auto generated supports:	☑
Overhang threshold:	55 °

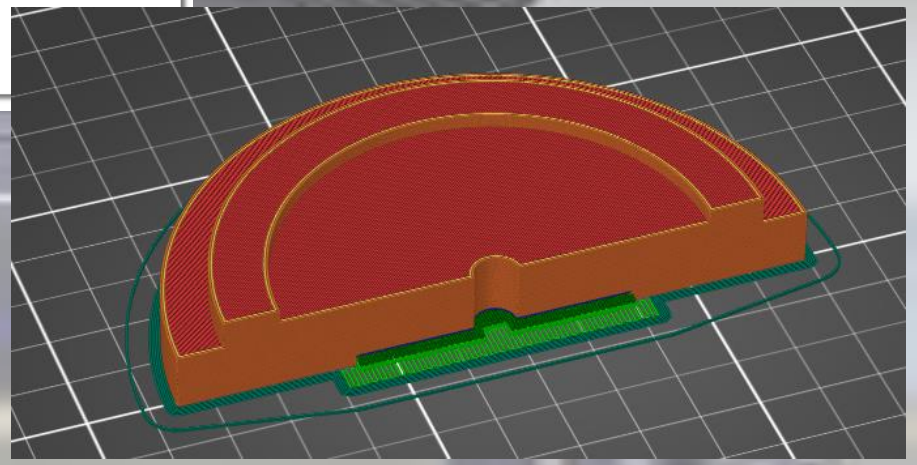
Raft

Raft layers:	0 layers

Options for support material and raft

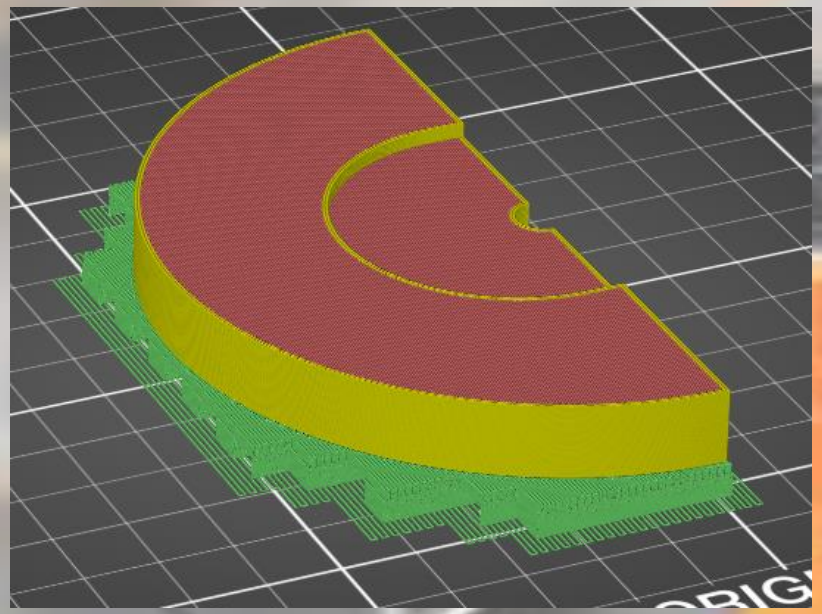
Contact Z distance:	0.1 mm
Pattern:	Rectilinear
Pattern spacing:	2 mm
Interface layers:	2 layers
Interface pattern spacing:	0.2 mm
Support on build plate only:	☐
XY separation between an object and its support:	50% mm or %
Don't support bridges:	☑

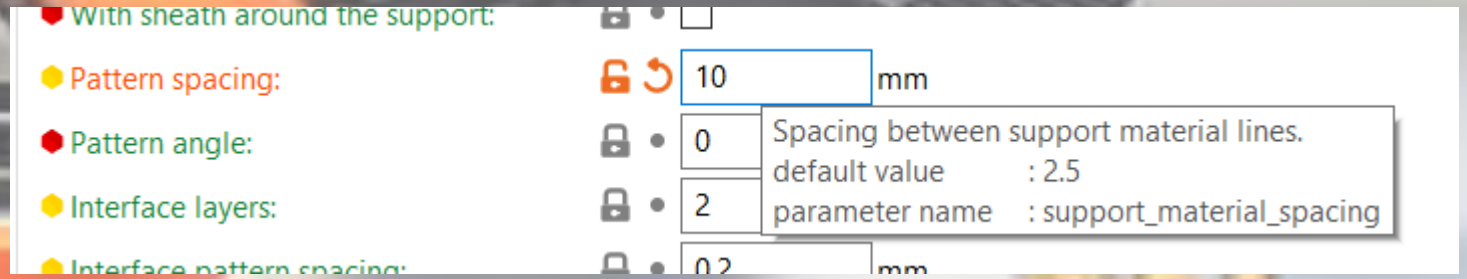
Rectilinear
Rectilinear grid
Honeycomb

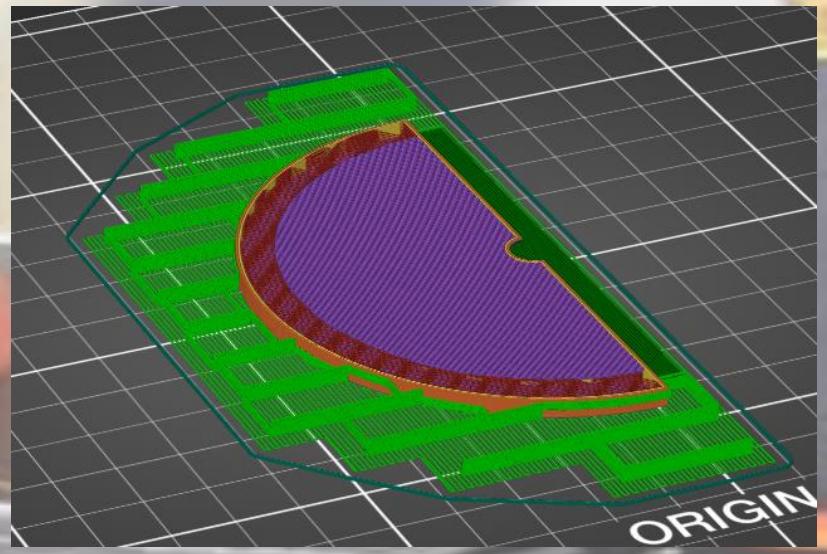


Pattern spacing:	2 mm
Pattern angle:	0 °
Interface layers:	2 layers
Interface pattern spacing:	0.2 mm
Interface loops:	☐
Support on build plate only:	☐
XY separation between an object and its support:	50% mm or %
Don't support bridges:	☑
Synchronize with object layers:	☐

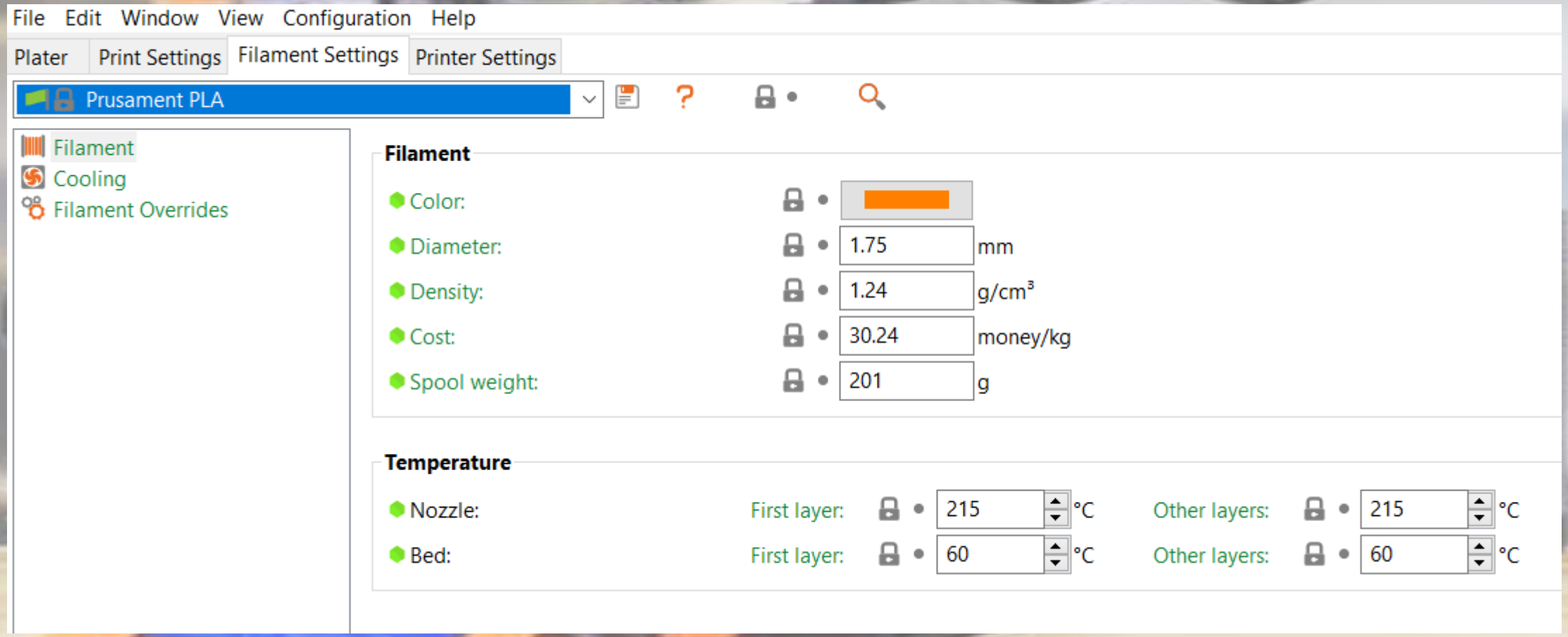
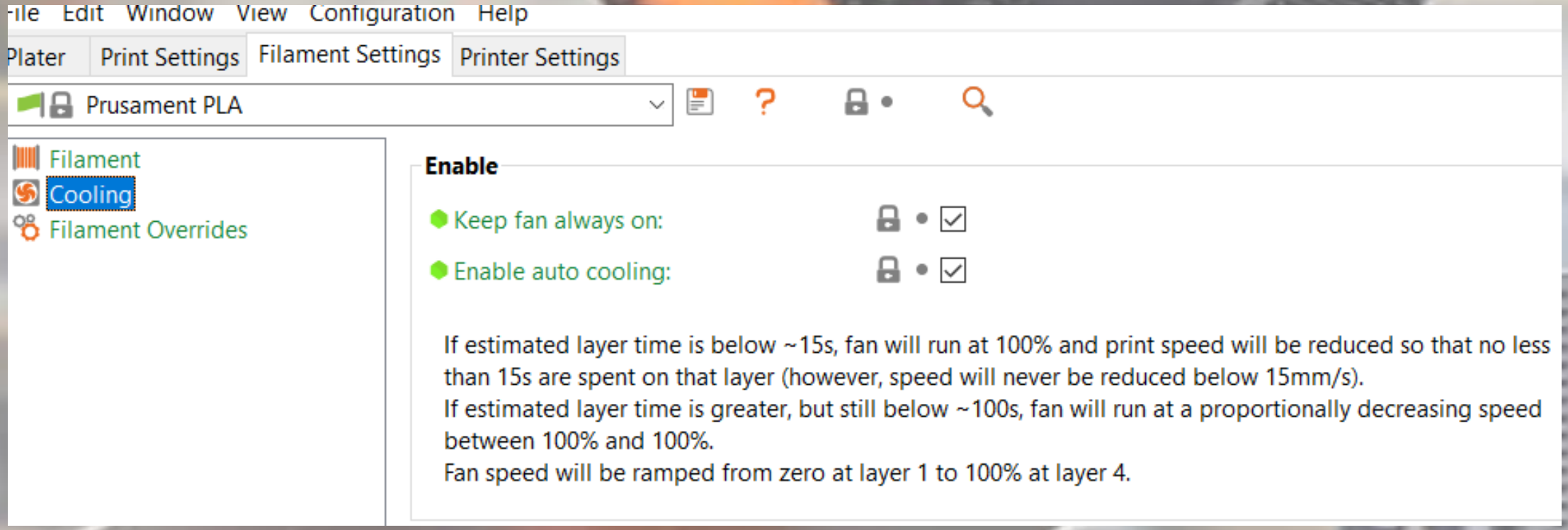
Setarile suportului







Setarile filamentului



Setarile racirii