

IKEA TARVA leg riser



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Summary

This is a simple leg riser for IKEA TARVA, rises by 10cm be default and can be up to 15cm with the optional insets.

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Tags: [ikea](#) [thingiverse](#)

This is a simple leg riser for IKEA TARVA, rises by 10cm be default and I think 15cm should do with 5 insets unless you like to abuse your furniture. I did 12cm and my grandparents appreciate.

The fit has to be tight, otherwise the riser will be strained more than necessary. I recommend printing a 2-cm high tube made of the top part (submerging by 20cm in your slicer before slicing) and testing hole horizontal expansion unless you get a tight fit.

Note the height of 220mm might not fit smaller printers.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

No

Resolution:

0.28

Infill:

30%

Filament: PM Filament PLA+

Notes:

PLA is very strong, unless you live in very warm climate. I recommend 110% extrusion width and 4 shells with 0.6 nozzle, rather 5 with 0.4 nozzle. Infill line multiplier to 2 or 3 is a good idea, if you use Cura. This is a high consumption print, I used about a kilogram for all 4 risers. Push temperature a little higher than usual, no issue with stringing or overhangs, but you need it to be strong. Print time about 6 hours per piece with my slicing.

How I Designed This =====

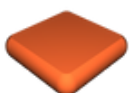
I made a pyramid in Tinkercad and cut out a brick of 42mm by 42mm.

Category: Decor

Model files



leg_riser.stl



riser_inset.stl

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