

Stable Two Part Base



slayernine

[VIEW IN BROWSER](#)

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Summary

This two part base attempts to not compromise the stability of the wide base by having the two parts overlap.



3.43 hrs



3 pcs



0.20 mm



0.40 mm



PLA



87 g



Prusa MK4

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Tags: [game](#) [two](#) [balance](#) [split](#) [stable](#)

Aside from the obvious solution of using prusa slicer to print this in two parts, I wanted to make something that can be separated and reattached many times. This is because I am planning to print many copies of this game to gift to friends and I want to be able to package it neatly in a compact cardboard box such as an empty filament box.

Printing on my MK4 with the provided print files gives a fairly snug but not too tight fit. I tested using two different black PLA filaments that I had on hand.

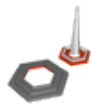
This remix is based on



Prusa balance game

by David Warboss

Model files



base-and-point.3mf



point.stl



base_tighter.stl

☐ I recommend this one.



base.stl

☐ Try this one if your printer requires looser tolerance.

Print files



point_04n_02mm_pla_mk4is_1h29m.gcode

PLA 0.40 mm 0.20 mm 1.49 hrs 30 g Prusa MK4



base_tighter_02mm_pla_mk4is_58m.gcode

PLA 0.40 mm 0.20 mm 0.96 hrs 28 g Prusa MK4

☐ This one is a snap fit that will stay together. Remmended.



base__04n_02mm_pla_mk4is_59m.gcode

🌐 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.98 hrs ⚖️ 29 g 🖨️ Prusa MK4

📄 This one is fitted but doesn't hold together.

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