



## Table Minigolf (Par 6)



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[VIEW IN BROWSER](#)

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### Summary

Here is my design of a table Minigolf with 6 different courses - the perfect little fun gadget in your office and also...



28.89 hrs



8 pcs



0.20 mm  
0.15 mm  
0.05 mm



0.40 mm



PLA



403 g



Prusa  
MK3/S/S+

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Tags: [table](#) [game](#) [golf](#) [fun](#) [play](#) [minigolf](#)



Here is my design of a table Minigolf with 6 different courses - the perfect little fun gadget in your office and also a fun game for the whole family!

The print contains all required parts, the only extra hardware needed is the golf ball (I've used the steel ball from the MK3 spare parts). You can also

use any other ball (7mm or smaller) instead.

- See updates below for a printed ball -

I've modeled in some custom brims for the courses that can be removed easily. Also all color changes are layer based, so no MMU is needed and you won't need supports for the parts (the bottom from the steep courses might look a bit rough though).

### **Assembly guide:**

1. Print all of the provided .3mf or .gcode files. I've used color changes for the courses and the flags. Feel free to slice yourself if you wish a single color print.
2. Remove the custom brims.
3. Push in the flags. You can choose order of the holes yourself. You can take out the flags when you can't reach the ball during putting.
4. Also install the mill and the hill.
5. Assemble the putters (you may need a bit force to put the pieces together).
6. Make sure to play on an even ground.
7. If you're using the printed ball, you might need a bit of sanding on the ball to get it nice and round.
8. Have fun!

### **Rules:**

- Use the scorecard to write down the needed shots.
- The player with the least points wins!

### **Changelog:**

04/09/2020: Release

04/10/2020: Added a printed ball

In case you're wondering, the mill and hill course share the same base.

You can download and (2D-)print a scorecard [here](#).

If there's demand I might add more courses so stay tuned for updates!

Have fun!

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If you like this file or need some adjustments feel free to leave a comment. A rating or tip is also welcome and may check out my other designs!

Happy printing!



## Print instructions

- The provided .3mf and .gcode are already set up correctly.
- Print the courses in 0.2mm layer height.
- The smaller parts require a smaller layer height (0.1-0.15).
- The provided gcode has filament change stops included.
- Supports aren't required.

## Model files



**hole-1.3mf**



**hole-2.3mf**



**hole3.3mf**



**hole4.3mf**

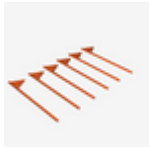


**hole5\_hole6.3mf**



**accessories.3mf**

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**flags.3mf**

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**ball.3mf**

## Print files



**hole-1\_02mm\_pla\_mk3s\_2h48m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 2.93 hrs ⚖️ 46 g 🖨️ Prusa MK3/S/S+

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**hole-2\_02mm\_pla\_mk3s\_3h57m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 3.95 hrs ⚖️ 51 g 🖨️ Prusa MK3/S/S+

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**hole3\_02mm\_pla\_mk3s\_3h33m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 3.70 hrs ⚖️ 62 g 🖨️ Prusa MK3/S/S+

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**hole4\_02mm\_pla\_mk3s\_5h26m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 5.43 hrs ⚖️ 81 g 🖨️ Prusa MK3/S/S+

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**hole5\_hole6\_02mm\_pla\_mk3s\_7h11m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 7.18 hrs ⚖️ 117 g 🖨️ Prusa MK3/S/S+

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### accessories\_015mm\_pla\_mk3s\_5h10m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 5.16 hrs ⚖️ 43 g 📄 Prusa MK3/S/S+



### flags\_02mm\_pla\_mk3s\_23m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.38 hrs ⚖️ 3 g 📄 Prusa MK3/S/S+



### ball\_005mm\_pla\_mk3s\_10m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.05 mm ⌚ 0.16 hrs ⚖️ 0 g 📄 Prusa MK3/S/S+

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