

8 Ball (or Eight Ball)



kaje

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Summary

This is a print you can really get behind!



5.82 hrs



4 pcs



0.20 mm



0.40 mm



PLA



51 g



Prusa
MK3/S/S+

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Tags: [sphere](#)

This is a print you can really get behind!

Note : Alternatively consider printing just the "8 hemisphere" - looks interesting sitting on the desk.

The idea for a sphere made from two hemispheres screwed together was taken from "schraitle", but I made a new design which uses a bit less filament (and of course has another obvious difference). The nominal diameter of this ball is 65mm.

The talon holder shown in the photo is a separate print referenced under re-mixes.

OnShape 3D CAD files :

<https://cad.onshape.com/documents/c1fa2522d715c7f8f9691107/w/9ba97d6a8fb4a550253fda91/e/8212dad756e71772724a8fba>

Print instructions

Print in PLA using the 3mf files provided. Otherwise :

- 10% rectilinear infill
- variable layer height (more layers at the top of the prints)

Note : When removing the "surround" (white parts around the number) be careful about the little pieces in the middle of the eight - they're easy to misplace. Ask me how I know!

Also - the surround pieces are a tight fit, but they will go in with care. Once they are in, you will likely not be able to remove them.

This remix is based on



Ball

by schraitle



Talon - Version 4

by kaje



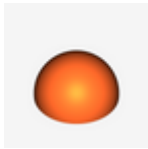
42 - Version25

by kaje

Model files



sphere8-hemisphere.3mf



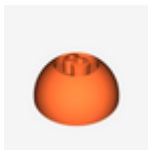
spherea-hemisphere.3mf



sphere8-surround.3mf



sphere8-surround.stl



sphere8-hemisphere.stl



spherea-hemisphere.stl



spherejoin-thread.3mf



spherejoin-thread.stl

Print files



sphere8-surround_02mm_pla_mk3s_35m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.58 hrs ⚖️ 3 g 🖨️ Prusa MK3/S/S+



spherejoin-thread_02mm_pla_mk3s_39m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 0.66 hrs ⚖️ 4 g 🖨️ Prusa MK3/S/S+



spherea-hemisphere_02mm_pla_mk3s_2h10m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 2.17 hrs ⚖️ 20 g 🖨️ Prusa MK3/S/S+



sphere8-hemisphere_02mm_pla_mk3s_2h25m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 2.41 hrs ⚖️ 24 g 🖨️ Prusa MK3/S/S+

[Find source .stl files on Thingiverse.com](#)

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