



PokeBall Ring Stand

D Dan

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Summary

Designed this for our friends as an engagement gift. The top is on a hinge and latches when closed.

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Designed this for our friends as an engagement gift. The top is on a hinge and latches when closed. The button presses to unlatch and the button back has a 3d printed leaf spring.

Print instructions

Printed in PLA. Print the base bottom down and with 75% infill. Print the top half flat side down and with 8% infill. The bottom needs to be more dense so it doesn't fall over. Print the button housing on it's back with supports turned on. Print the button back (with printed leaf spring) on it's side with supports enabled.

Glue parts together with cyanoacrylate (super glue). When gluing the button housing and the latch on the lid, be careful to make sure they align so that the latch will work.

Model files



button-v24.f3d



pokeball-shell-v31.f3d



ring-v21.f3d



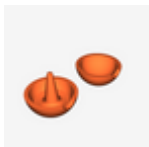
button-v24.stl



button-housing-v18.stl



ring-v17.stl



pokeball-shell-v31.stl

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