



Bobblehand - Rock On!

 **3D Printy**

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Summary

Bobblehead? No, bobbleHAND!

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Tags: [rock](#) [hand](#) [bobblehead](#) [rockon](#) [bobblehand](#)

Bobblehead? No, bobbleHAND!

Rock on with two possible hand styles and four spring sizes.

<https://youtu.be/DDyZxmuFAL4>

<https://youtu.be/y7rcWTLWsCM>

<https://youtu.be/3HwXJQMGgsQ>

Printing

- Both sizes of the hand have some tricky overhangs and may require supports.
- Do not add supports to the center hole of the larger hand.
- Use minimal infill to keep the bobble light.
- Base and spring can be printed without supports.
- Ideal line width for the spring is 0.4mm. This will result in a perfect 4 perimeter spring.

Pre-supported Models

This project includes PrusaSlicer-compatible pre-supported models.

- These supports may not load in other slicers.
- Your own printing profile may override the included support data.

Options

Hands

- Small - Bounces on the top of its spring.
- Large - Uses a more standard bobblehead hole that hides most of the spring.

Springs

- Small - only compatible with the small bobblehand.
- Medium - only compatible with the small bobblehand.
- Large
- Extra Large

Bases

- 3x3mm magnets (requires 3 magnets because 3x3s aren't very strong)
- 6x3mm magnet
- 8x3mm magnet
- 10x3mm magnet
- Wide 6x3mm magnet

Adaptors

- Prusa MK3 Bed Adaptor - Attaches below your printer bed to keep your bobblehead far away from the printing action. Just unscrew the front bolt, slide on the adaptor, and restore the bolt.

Even More Options!

- [Make your own custom bases](#)
- [Make your own custom springs](#)

Assembly

1. Insert a magnet into the base.
Optional: Add glue.

2. Insert the spring into the bobblehead.
Optional: Use assembly tool to keep the spring straight. Glue if needed.
3. Attach the base.
Optional: Add glue.

Use

- **Do not use the large hand as a 3D printer accessory.** It's too large to be suitable.
- Choose a spot on your printer that won't result in the bobblehead blocking the path of moving parts. Possible placement options include above the extruder, on the print bed, or on an adaptor.
- Monitor the bobblehead for a while to make sure it's REALLY secure.
- Do not use for printers moving at extremely fast “15 minute benchy” speeds.

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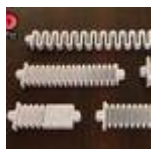
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This remix is based on



Emoji Printer Bobbleheads

by 3D Printy



Parametric Bobblehead Springs

by 3D Printy



Parametric Bobblehead Bases

by 3D Printy

Model files



Hands

4 files



bobblehand-rock-on-large.3mf



bobblehand-rock-on-small.3mf



bobblehand-rock-on-small-pre-supported.3mf



bobblehand-rock-on-large-pre-supported.3mf



Springs

4 files



hand-spring-small.3mf



hand-spring-medium.3mf



hand-spring-large.3mf



hand-spring-extra-large.3mf



Bases

5 files



base-3x3-magnet.3mf



base-6x3-magnet.3mf



base-8x3-magnet.3mf



base-10x3-magnet.3mf



base-wide-6x3-magnet.stl



Adaptors

4 files



prusa_mk3_bed_adaptor_left.3mf



prusa_mk3_bed_adaptor_right.3mf



assembly-tool.3mf



clip.3mf

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