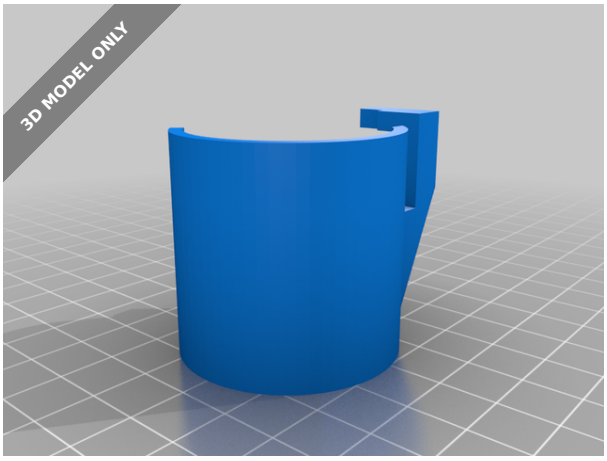


Zhiyun Smooth Q Gimbal Counterweight

E EndesmRads

VIEW IN BROWSER

updated 20. 6. 2024 | published 20. 6. 2024

Summary

Zhiyun Smooth Q Gimbal Counterweight for Heavier Phones.

Gadgets > Photo & Video

Tags: counter gimbal zhiyun weight thingiverse counterweight smoothq zhiyunsmoothq

Zhiyun Smooth Q Gimbal Counterweight

As smartphones get longer and heavier, the Zhiyun Smooth Q gimbal begins to struggle to balance them even at maximum arm adjustment. This design allows the gimbal to balance my Huawei P30 Pro with case at minimum arm adjustment (so the gimbal does not appear in the shot when using wide-angle lens).

The idea of this print is to require only one part for the system, and it is designed to fit in with the gimbal's original design. The weight is applied at the end of the arm in-line with the axis to provide the most efficient counterweight effect.

This design fits 10 US quarters as the main weight. First fit it on the joint at the end of the arm, then rotate to secure clip on arm.

Added GB variant to fit 9x British ten pence coins to achieve same counterweight.

[Future improvements: printing this way means the clip cannot handle a lot of stress, will test first.]

Print Settings

Printer Brand:

Monoprice

Printer:

Select Mini

Rafts:

No

Supports:

Yes

Resolution:

0.1312

Infill:

25%

Filament: N/A PLA

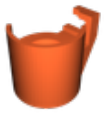
Black

Notes:

Orientation should be set up for printing. Add support under clip to print properly.

Category: Camera

Model files



zhiyun_smooth_q_gimbal_counterweight_v11-gb.stl

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zhiyun_smooth_q_gimbal_counterweight_v11.stl

Find source .stl files on Thingiverse.com

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