



## Centrifugal separator



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updated 28. 1. 2024 | published 28. 1. 2024

### Summary

Centrifugal separator to separate gold from sand

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Tags: [gold](#) [goldprospecting](#) [goldrush](#)

Another idea/design which I haven't assembled yet, although all the parts are printed :)

The idea is to use some hardware with this design. One large bearing at the center and two bearings holding the horizontal shaft in place. This is designed to fit in a normal 10L bucket, light sand should go out above the edges and into the bucket, and the heavies (gold) should stay at the bottom of the cone.

### Model files



skf\_bearing.stl



**tension-ring.stl**

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**skf\_bearing.stl**

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**base.stl**

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**bearing.stl**

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**drainbolt.stl**

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**cone.stl**

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**drive2.stl**

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**drive1.stl**

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