



# Parametric coin holder

 **Tree House**

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## Summary

A parametric coin holder. Without editing the code you have control over height, X/Y placement of each coin slot, and...

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A parametric coin holder. Without editing the code you have control over height, X/Y placement of each coin slot, and whether to include a dollar and second quarter slot.

It would be trivial to modify the script for other currencies. You just need to know the coin dimensions and copy one of the existing coinHolder modules.

I've included several models. all are 30mm high:

Dollar, Quarter, Quarter, Nickel, Penny, Dime arranged in a diamond pattern

Dollar, Quarter, Nickel, Penny, Dime arranged in a straight line.

Quarter, Quarter, Nickel, Penny, Dime arranged in a straight line.

Quarter, Nickel, Penny, Dime arranged in a straight line.

2019-06-13 added Quarter, Nickel, Penny, Dime arranged in diamond.

## Print Settings

### Printer Brand:

Creality

### Printer:

CR10S PRO

### Rafts:

No

### Supports:

No

### Resolution:

.28

### Infill:

20%

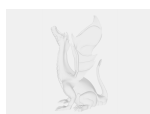
**Filament:** Mika3d PLA Copper

### Notes:

Update 2019-06-13: Printing in spiral mode cuts printing time in half(.065 line width, .04 nozzle, using the default wall thickness). Structurally the end result is almost identical.

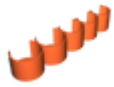
Easy print. No overhangs. Plenty of bed surface area. Category: Organization

## Model files



coinholder.scad

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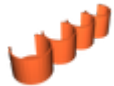
**coinholderqqnpd-straightx30mm.stl**

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**coinholderdqqnpd-trianglex30mm.stl**

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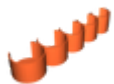
**coinholderqnpd-straightx30mm.stl**

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**coinholder-qnpd-diamond.stl**

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**coinholderdqqnpd-straightx30mm.stl**

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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