

BeerCounterV4 / Bottle Opener



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Summary

3D printed bottle opener with counting mechanism.

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Hello everyone,

this is my fourth version of the BeerCounter. This Version is more durable and has a nice and clean design. All Gears are inside the counters and you can attach as much counters as you want. For the opener itself you just need an 5ct Euro coin.

I hope you enjoy this Project and if you have any questions about it feel free to text me!

I printed everything in PETG but you can use other materials aswell. Only the counter1 needs to be printed with support.

required:

19x M3x12

2x M3x20







two springs from a ballpoint pen

EDIT(22.05.2022):

case1, case2, oneway1, oneway2, oneway2_2, core and counter 1 are slightly improved now.

Screws are 12mm now for more durability in most of the parts you can use 15mm.

Model files

STL		17 files
	counter2.stl	
	shell2.stl	
	shell3.stl	
	spring.stl	
	shell1.stl	
	coinholder.stl	



case2.stl



oneway1.stl



oneway2_2.stl



caseholder.stl



counter1.stl



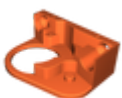
minigear.stl



core.stl



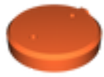
oneway2.stl



case1.stl



case2.stl



counter_cover.stl



STEP

15 files



shell1.stp



shell2.stp



oneway2.stp



coinholder.stp



counter_cover.stp



core.stp



minigear.stp



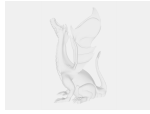
oneway1.stp



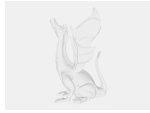
shell3.stp



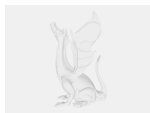
case2.stp



spring.stp



case.stp



counter1.stp



counter2.stp



caseholder.stp

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