



Reel Cool Drink Holder Fishing Pole Drop Line/Kite Reel



ssweat

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Summary

Drink holder fishing pole created with Tinkercad

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REEL COOLThe Drink Holder and Fishing Pole/Drop line Combination. (Built from Scratch with TinkerCad)

Also great for flying kites

I fine tuned this model to print with selected supports and orientations for cleanest and easiest priting results.

HIGHLY RECOMENDED TO PRINT THE “BOLT” ALONE WITH NO SUPPORTS AS IT PRINTS BEST WITH A SMOOTH EVEN FLOW

EVERYTHING HAS 999 WALLS

Arachne walls .20 Layers, top and bottom surfaces = monotonic line, Thick bridges enabled

Reel uses these supports > Normal(Auto) > Snug > Thresh A = 30 > BP Only = unchecked > Rem Sm= checked

****you should be able to grab a portion of the support with pliers and pull it out in large pieces if you grab in one of the larger slots it kind of unravels in its zig zag fashion**

Cup and guide use these supports > Tree(Auto) > Tree Hybrid > Thresh a = 30 > BP Only = unchecked > Supp Crit = unchecked > Remove Sm= checked

Bolt needs no support

ASSEMBLY

****The line guide is designed to rotate 180 degrees to accomodate left or right handed fishermen**

- 1. slide guide over post on cup with curved side towards can it should fit nicely either direction.**
- 2. Slide Reel onto post with handle facing outwards**
- 3. Thread screw gently in at first until it goes out in and out nicely, you can also use a nickle in the slot if you want to help as a screwdriver(use lube if neccesary, but it should run in smoothly if printed alone without supports) the tightness of the screw can be adjusted while fishing to help use as a brake when tighter and let the line out when loosened slightly**

****Now you can attach your fishing line by feeding it through the eye hole guide on front side and then tying it around the reel and cranking it in with desired amount of fishing line**

Model files

main-sliced-2-plate-best.3mf

reel.stl

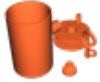




guide.stl



bolt.stl



all-parts.stl



smooth-cup.stl

guide_pla_44m34s.3mf

bolt_pla_20m49s.3mf

reel_pla_1h21m.3mf

cup_pla_1h52m.3mf

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