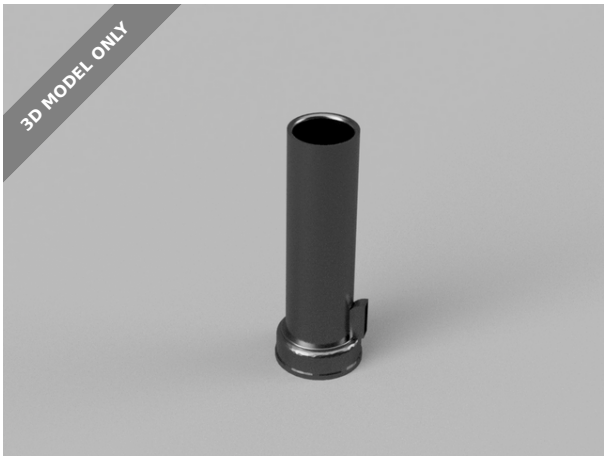

Mentos Dropper Cap

A Andrew22277

VIEW IN BROWSER

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Summary

A dropper device that used magnets to hold mentos and place and threads onto a coke bottle.

Learning > Chemistry & Biology

This device uses two 0.5" Dia x 0.125 thick magnets such as part number 5862K105 from McMaster-Carr to easily drop a stack of 7 mentos into a bottle for a mentos in coke experiment.

No supports should be needed. The threads and magnet holder have small enough overhangs the printer can deal with them on its own.

One magnet is placed in the outside holder and another will stick to it on the inside of the tube (see photo). I find it is easiest to put the magnets together circumference to circumference and mark the sides of each one to make it easier to have that side facing the same direction. Then the mentos are loaded on top and when the outside magnet is removed from the holder the inside one and mentos will drop into the bottle.

Model files

mentos-dropper-cap.stl

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