

<https://canvanizer.com/canvas/wpmd3s09URKNB>



Title: **Expandable Cup Holder**

Pathway: [Tinkerer-make for function | Artisan - make for beauty | Hacker - (re)make for a purpose]

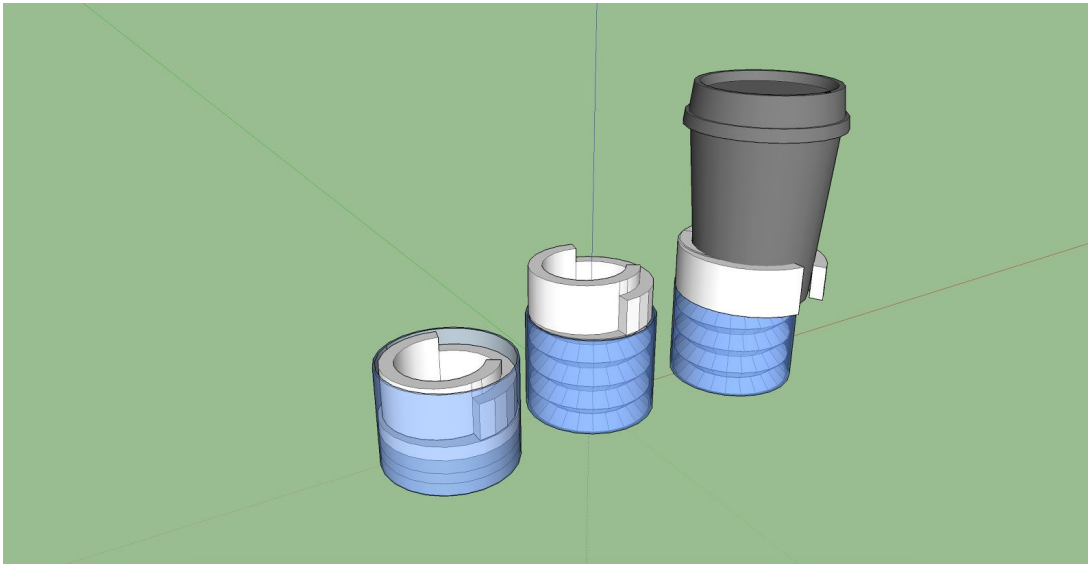
Project Lead: **Joshua Schwartz**

Project Icon: [try [Noun Project](#); This will be etched on your final build permit; simpler is better]

About Me: **50 words max**

Project Sketch

(include dimensions & critical parts)





INTRODUCTION + WHY I'M STOKED

(150-200 words; 2 paragraphs)

My idea for an Expandable Cup Holder solves the issue of cup holders too small to fit many of the cups we use everyday. This problem is compounded by cup holders that retract or store in ways that make an attachment that simply sits in the cupholder inconvenient. My solution is a device that sits inside the footprint of the cupholder when unused, but can expand upwards and in circumference to accommodate the bigger cups that have become the norm. This solves the issue of cup holders that are too small without restricting the ability to fold away cup holders when not in use.

I am excited for this product because I hope it will solve an issue that I and thousands of others face everyday on their morning commute and throughout their day. On my morning drive from swim team to school my cupholders are unable to accomodate a gatorade bottle, much less a YETI, so I look forward to enjoying beverages in the car with this device.

HOW WILL YOU SHARE YOUR STORY

(vlog, instructable, storify, etc.)

Create Kickstarter Campaign

Prototype in exhibition

TIMELINE

(How many days/weeks)

December 8, 2017

DEFINITION OF DONE

(How will you know?)

Prototype

Definition of Done Dictated by how you define project pathways

MVIFI MAKER

BILL OF MATERIALS

(part + quantity + vendor + link + price)

Part	Quantity	Vendor	Link	Price
Accordion rubber bellows	1 per product	DLYY	https://www.alibaba.com/product-detail/custom-made-accordion-rubber-bellows_723136898.html	\$0.1-2 / each
Promotion Tableware Round Plastic Customized Logo Silicone Coasters , Cup Mat	1 per product	D&S	https://www.alibaba.com/product-detail/Promotion-Tableware-Round-Plastic-Customised-Logo_60248309853.html?spm=a2700.7724838.2017115.34.6ed1a47caJPzCL	\$0.15-0
Split EPDM Back-up ring/teflon piston ring	1 per product	shandonghaqinsen	https://www.alibaba.com/product-detail/Split-EPDM-Back-up-ring-teflon_60698221148.html?spm=a2700.7724838.2017115.210.5b0369af9KCXkc	\$100-1,000 / each (Needs to be reduced in quality and price)

PHAIL MOMENTS

That it is extremely difficult to create a device that expands in multiple ways.

