



# STAXX SYSTEM

THE PRODUCT **STAXX SYSTEM** IS A BOX SYSTEM FOR THE **DRAWER 2.0**.

IF YOU DON'T PRODUCE MUCH "POOP" (WASTE MATERIAL), THESE INTERNAL BOXES ARE PERFECT FOR ORGANIZING AND MAXIMIZING DRAWER SPACE FOR YOUR TOOLS OR HARDWARE.

SIMPLY INSTALL THEM, AND YOU'VE INSTANTLY TRANSFORMED YOUR DRAWER INTO A VERSATILE STORAGE SOLUTION! PRINT ADDITIONAL BOXES AND TAKE ADVANTAGE OF THE INCLUDED LABELS TO SEPARATE DIFFERENT FILAMENT TYPES. THIS WAY, YOU CAN EVEN RECYCLE AND RE-EXTRUDE MATERIALS WITH EASE.

WITH THE RACK STRUCTURE, YOU'LL HAVE A STREAMLINED SETUP TO STORE VARIOUS FILAMENT SCRAPS AND TOOLS IN ONE COMPACT, ORGANIZED SYSTEM. PLUS, YOU CAN SWAP OUT THE BOXES IN YOUR POOP DRAWER AS NEEDED FOR ULTIMATE FLEXIBILITY!



EASY



PRINT TIME  
1d 7h 46m



ASSEMBLY  
15m



FILAMENT  
1.1 kg



HERE ARE SOME SUGGESTIONS AND RESPONSES TO QUESTIONS I COMMONLY RECEIVE:

FIRST AND FOREMOST, AN IMPORTANT SUGGESTION: WHILE I UNDERSTAND THAT FILAMENT PRICES CAN SOMETIMES BE EXCESSIVELY HIGH, I STRONGLY ADVISE AGAINST USING LOW-COST FILAMENTS FOR THIS PRINT. IT NEEDS TO LAST LONG, SO USE HIGH-QUALITY FILAMENTS.

CONSIDERING THE TOLERANCES USED IN DESIGNING THIS PRODUCT, I RECOMMEND BEING CAREFUL WHEN REMOVING SUPPORTS AND DEALING WITH ANY IMPERFECTIONS FROM THE PRINTING PROCESS. IT'S CRUCIAL THAT ALL INTERLOCKING PARTS ARE SUPER CLEAN AND FREE OF DEBRIS.

WHAT MATERIAL DO YOU SUGGEST FOR PRINTING?

I TYPICALLY USE PETG CAUSE THE HEAT RESISTANCE IS INDISPENSABLE.

A PIECE OF ADVICE I'D LIKE TO OFFER IS TO PRINT EVERYTHING AT THE STANDARD SPEED. GOING TOO FAST CAN CAUSE MATERIAL RETRACTION, WHICH COULD LEAD TO MISALIGNMENTS OF THE PIECES OR ASSEMBLY INACCURACIES.

ADDITIONALLY, IT'S IMPORTANT NOT TO REDUCE THE INFILL PERCENTAGE BELOW 10%. DOING SO MIGHT NOT PROVIDE SUFFICIENT SUPPORT FOR THE SCREW HOLES, AND THEY COULD BREAK DURING SCREW TIGHTENING.

USUALLY, I PRINT USING 2 PERIMETERS EVERYWHERE, FEW PIECES REQUIRE 3 PERIMETERS.

I UNDERSTAND THAT THE POSITIONING OF SOME PIECES ON THE PLATES MIGHT SEEM SUBOPTIMAL OR UNNECESSARILY USING SUPPORTS. IN MY DEFENSE, I CAN TELL YOU THAT QUALITY OR STRUCTURAL REASONS OBSERVED DURING PRINTING GUIDED MY CHOICES.

## REQUIRED MATERIALS:

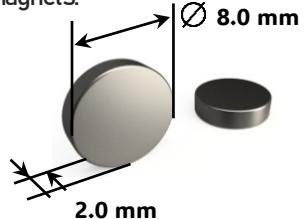
FILAMENTS:



PETG

1.1 KG

Magnets:



EXTRAS:





# CRUCIAL TIPS FOR SUCCESS

1. PLEASE NOTE, HAVING 2 PERIMETERS IS MORE THAN ENOUGH.
2. I RECOMMEND NOT LOWERING THE INFILL BELOW 10%, OTHERWISE, YOU RISK NOT HAVING ENOUGH MATERIAL INSIDE.
3. THE OBJECTS HAVE BEEN ORIENTED ON THE BED FOR BOTH AESTHETIC AND FUNCTIONAL REASONS. YOU'RE FREE TO REPOSITION THEM AS YOU LIKE, BUT BE MINDFUL OF THE NECESSARY SUPPORTS.

Quality Strength Speed Support Others

**Support**

- Enable support:
- Type:
- Style:
- Threshold angle:
- On build plate only:
- Remove small overhangs:

**Raft**

- Raft layers:

**Filament for Supports**

- Support/raft base:
- Support/raft interface:

**Bed adhesion**

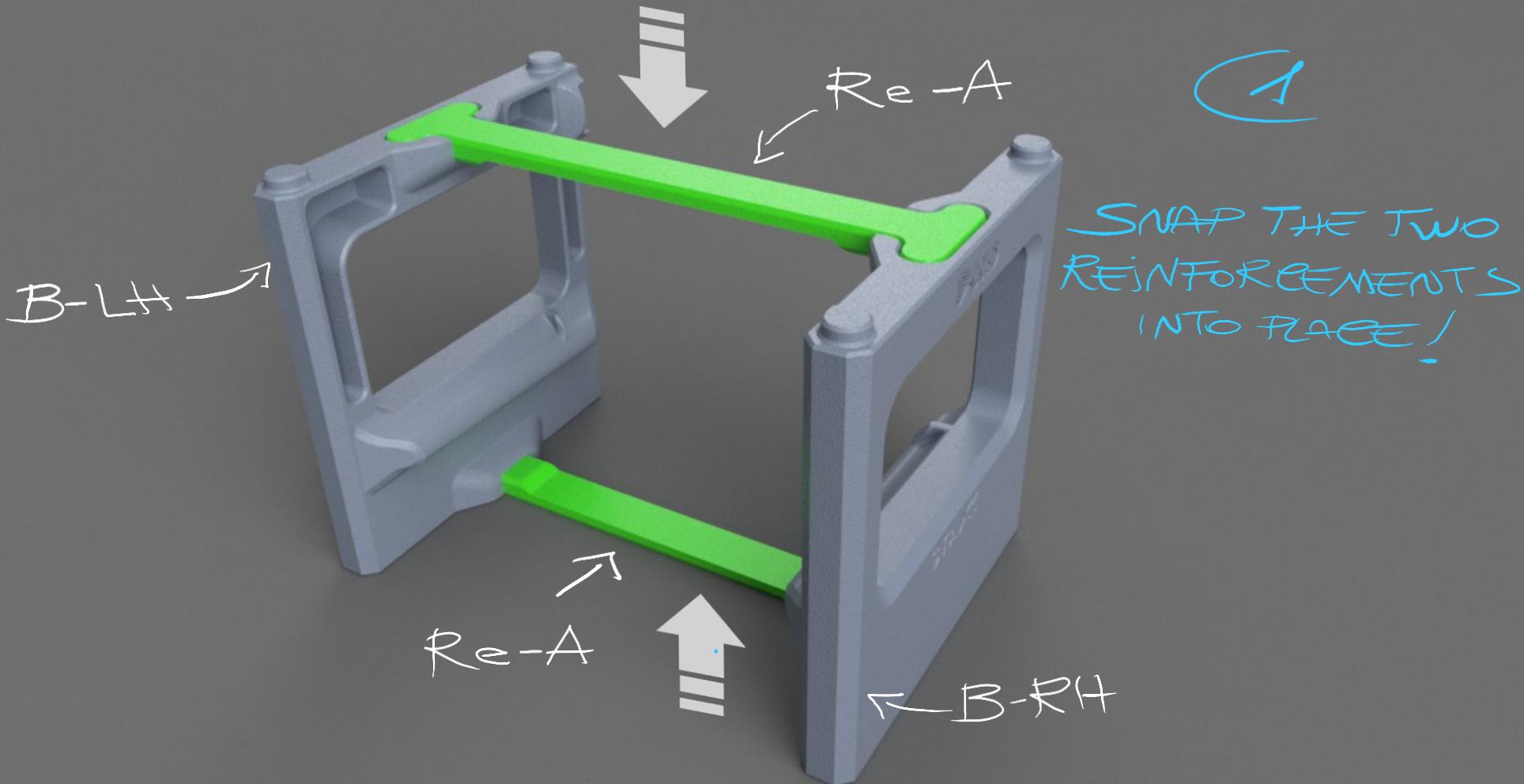
- Skirt loops:
- Skirt height:
- Brim type:
- Brim width:
- Brim-object gap:

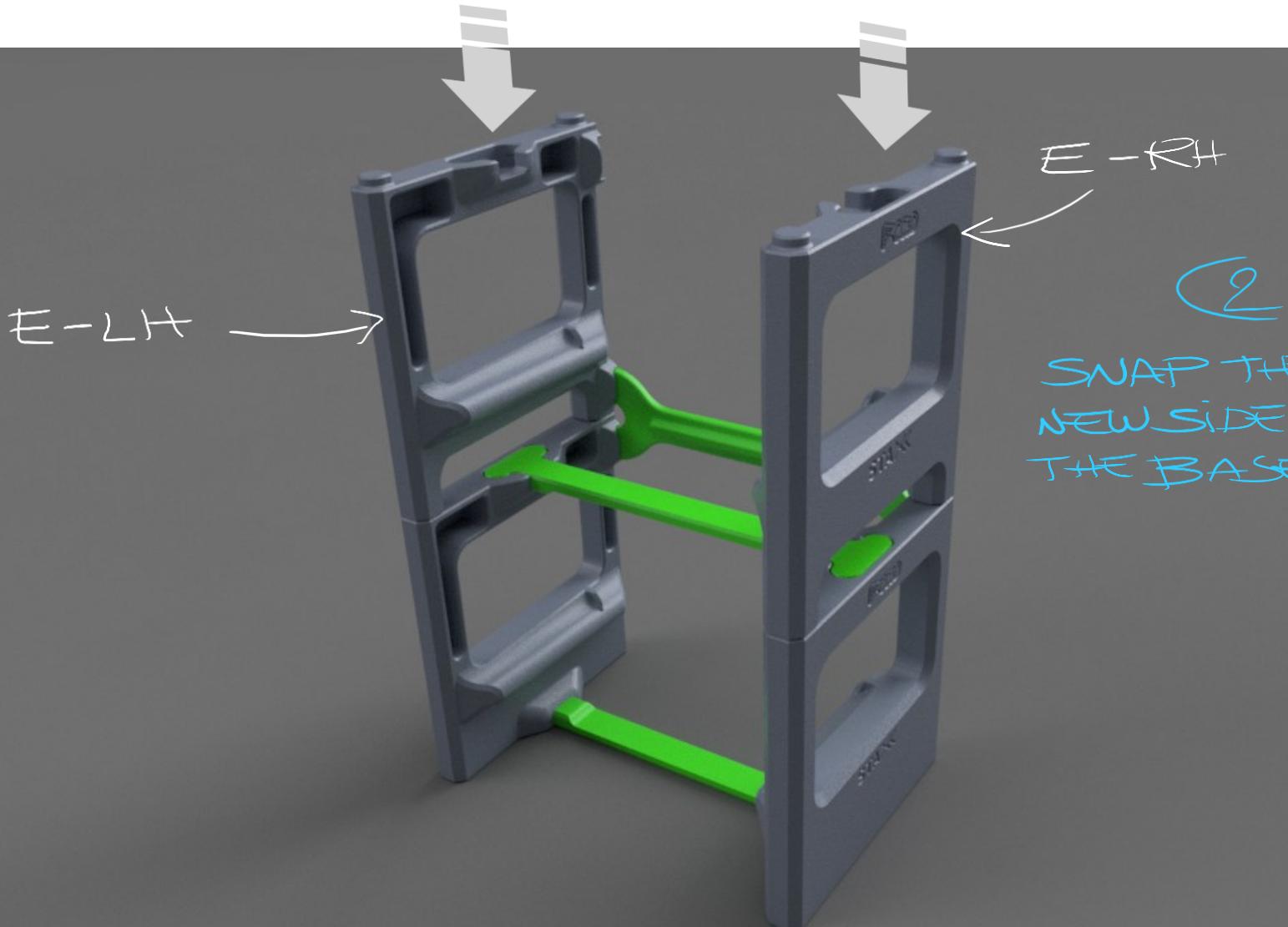
**Prime tower**

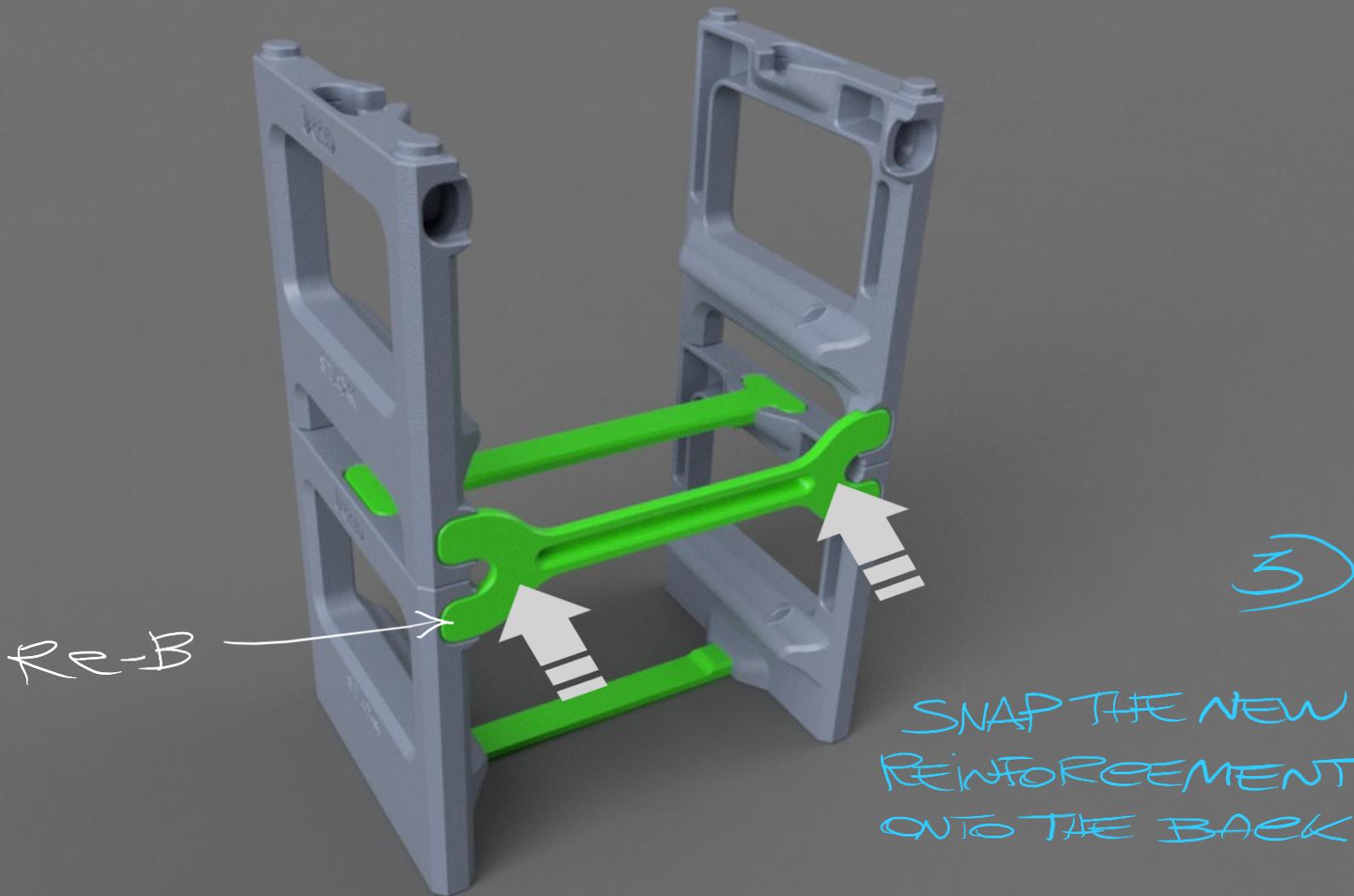
- Enable:
- Width:
- Prime volume:
- Brim width:

**Flush options**

- Flush into objects' infill:
- Flush into objects' support:

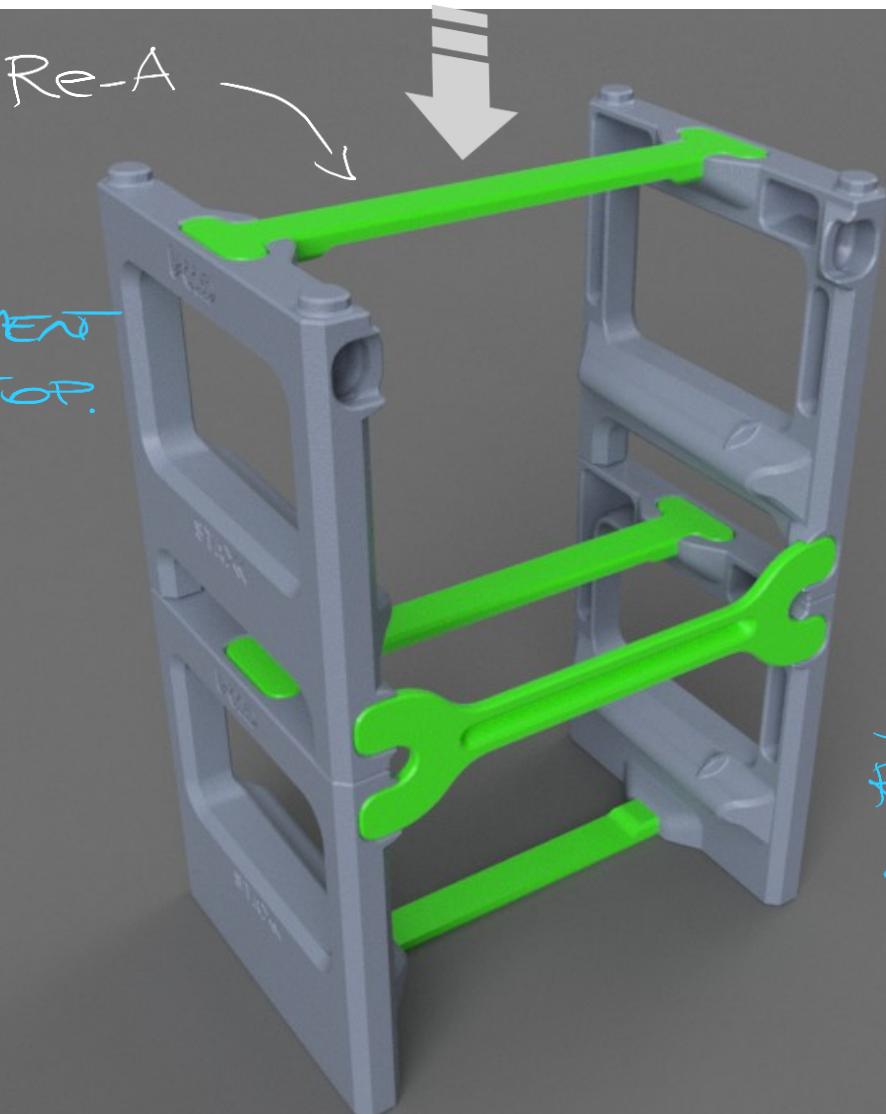






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SNAP THE  
REINFORCEMENT  
ONTO THE TOP.

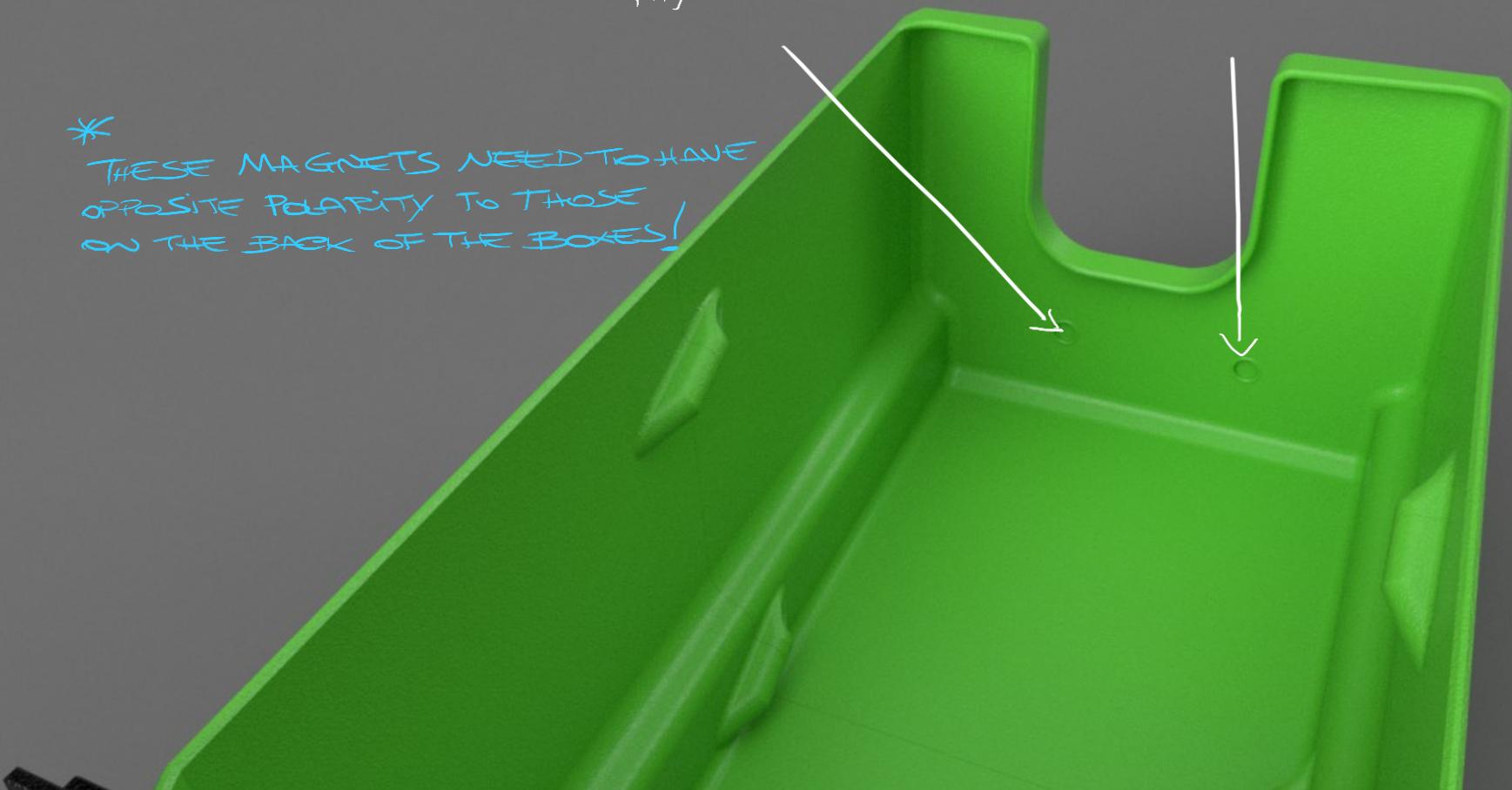


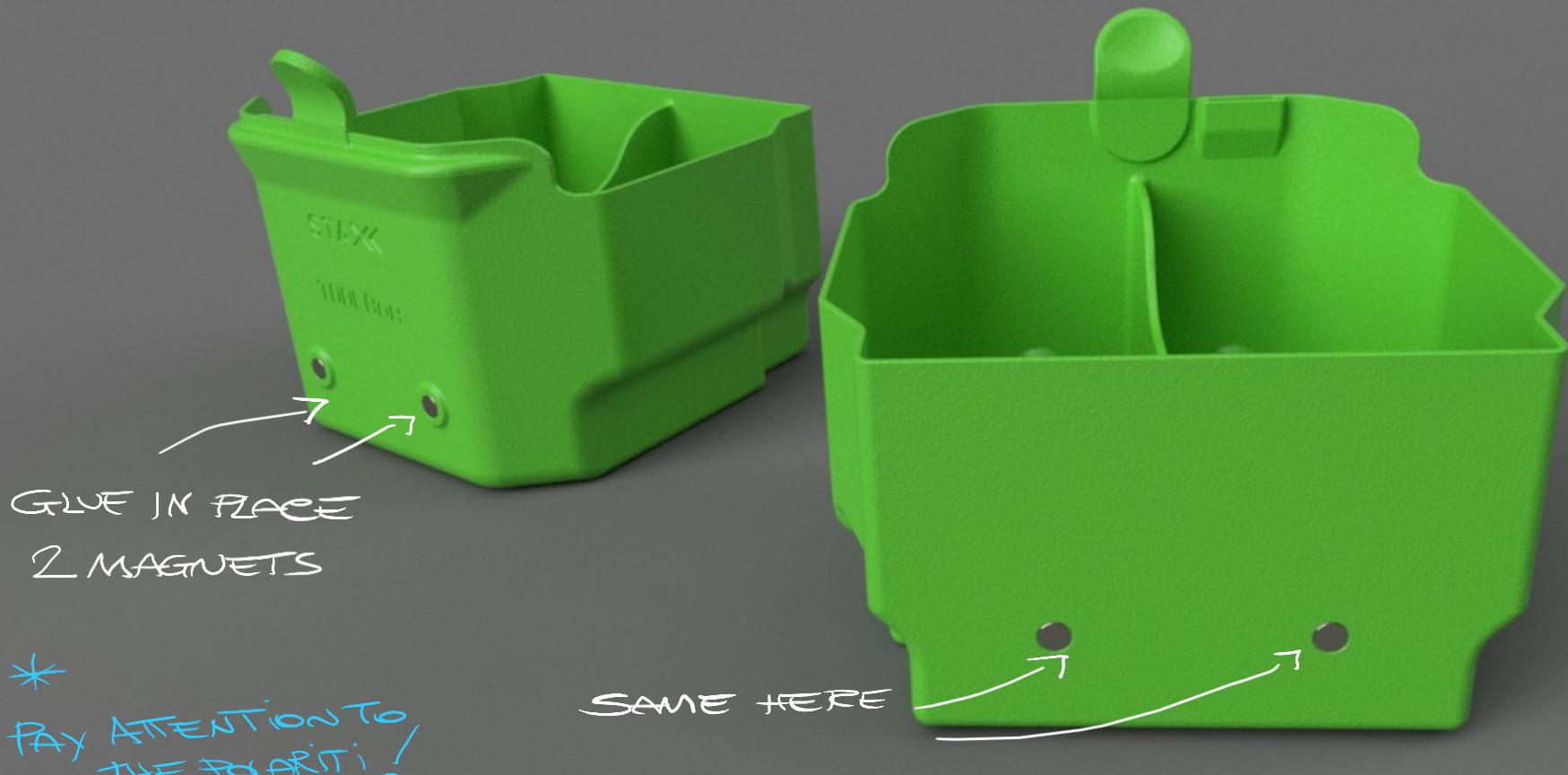
EXTEND THE  
STRUCTURE BY  
REPEATING  
STEPS 2-3-4

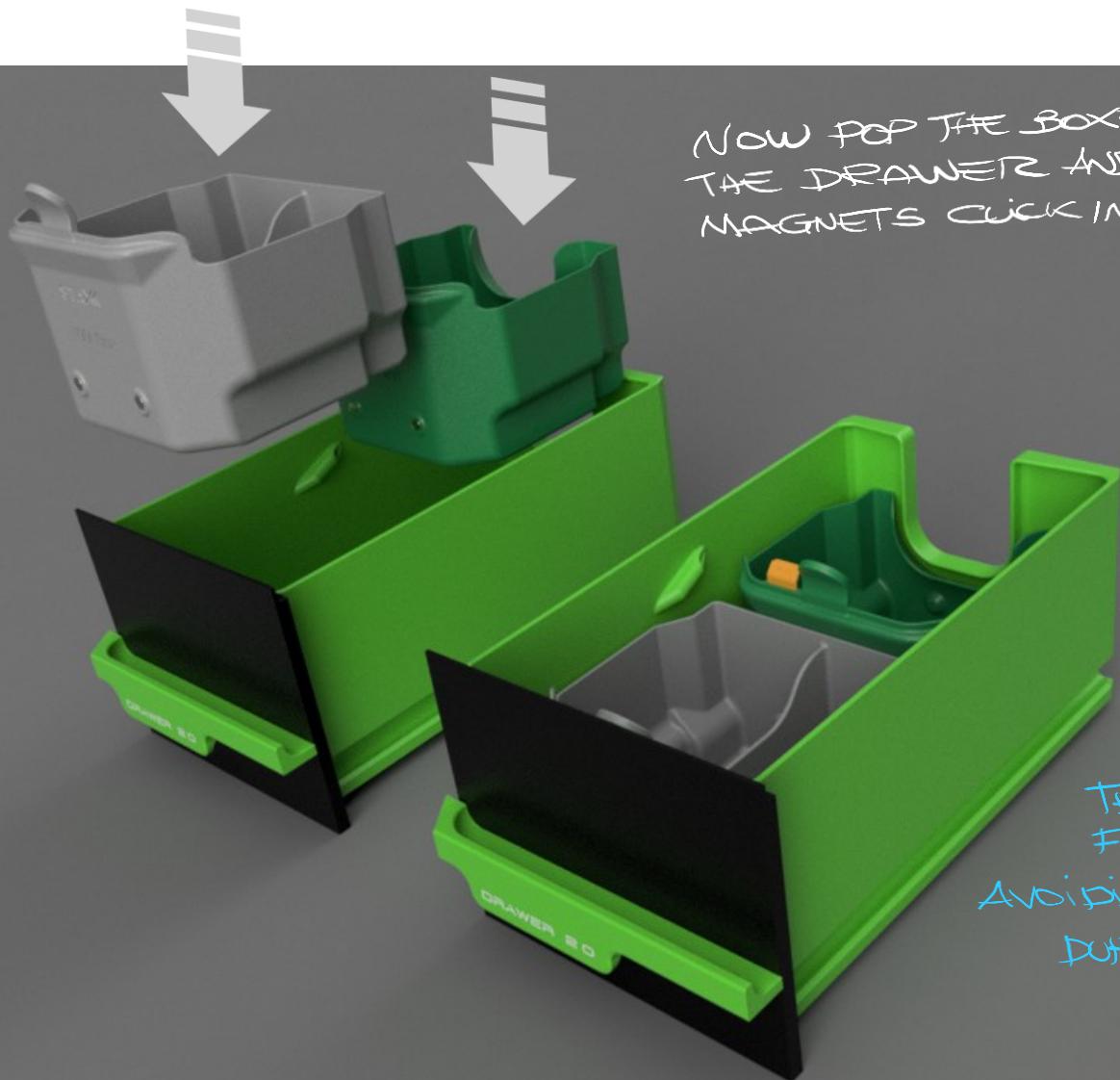
INSERT AND GLUE THE MAGNETS  
INTO THE HIGHLIGHTED HOLES.  
PAY ATTENTION TO THE POLARITY!



THESE MAGNETS NEED TO HAVE  
OPPOSITE POLARITY TO THOSE  
ON THE BACK OF THE BOXES!







NOW POP THE BOXES INTO THE DRAWER AND MAKE SURE MAGNETS CLICK INTO PLACE.



BUT ARE THE MAGNETS  
REALLY NECESSARY?

ABSOLUTELY!!

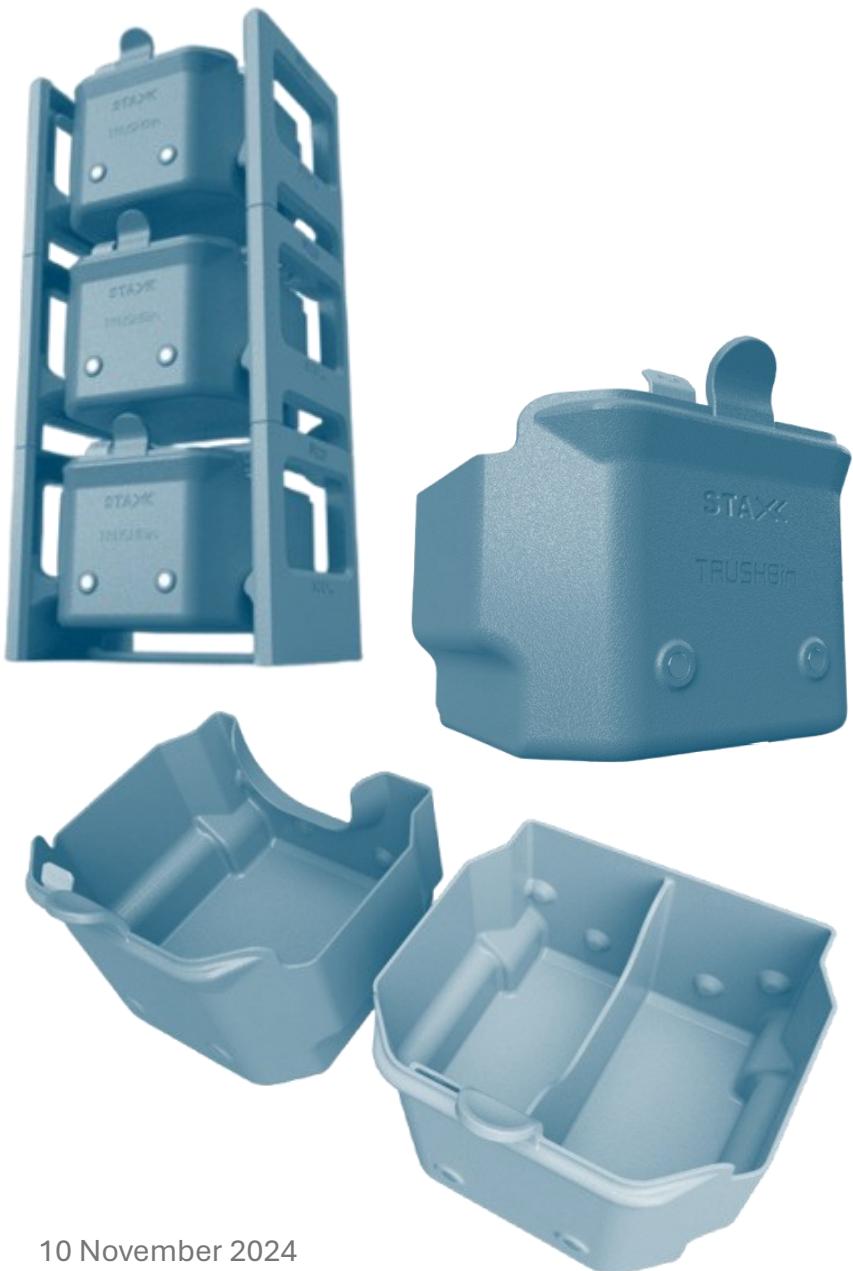
THEY KEEP BOXES  
FROM SHIFTING  
AVOIDING EXTRA NOISE  
DURING PRINTS !!

[Buy me a coffee](#)

THANKS FOR STICKING WITH ME THROUGH THIS ASSEMBLY GUIDE!  
IT TOOK ME HOURS TO PUT THIS GUIDE TOGETHER, AND I TRULY HOPE IT'S BEEN CLEAR AND  
EASY TO FOLLOW.  
IF THERE'S ANYTHING THAT WASN'T SUPER CLEAR OR IF YOU FEEL LIKE SOMETHING'S MISSING,  
DON'T HESITATE TO REACH OUT.  
I'M ALWAYS HERE TO HELP AND PROVIDE ANY SUPPORT OR CLARIFICATION YOU NEED.

ENJOY YOUR NEW FEATURE!

CIAO!!!



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