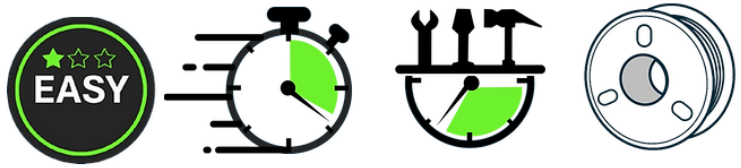
STAXX
Drawer HPV

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

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!



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.

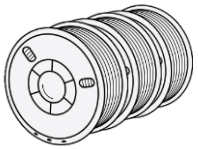
ADDITIONALLY, IT'S IMPORTANT NOT TO REDUCE THE INFILL PERCENTAGE BELOW 10%. DOING SO MIGHT NOT PROVIDE SUFFICIENT SUPPORT FOR THE SCREW HOLES, AND THEY COULD BREAK DURING SCREW TIGHTENING.

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.

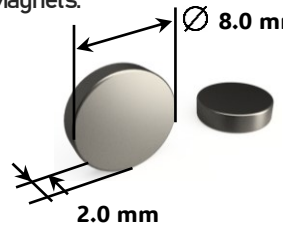
REQUIRED MATERIALS:

FILAMENTS:



PETG 2.3 KG

Magnets:



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EXTRAS:

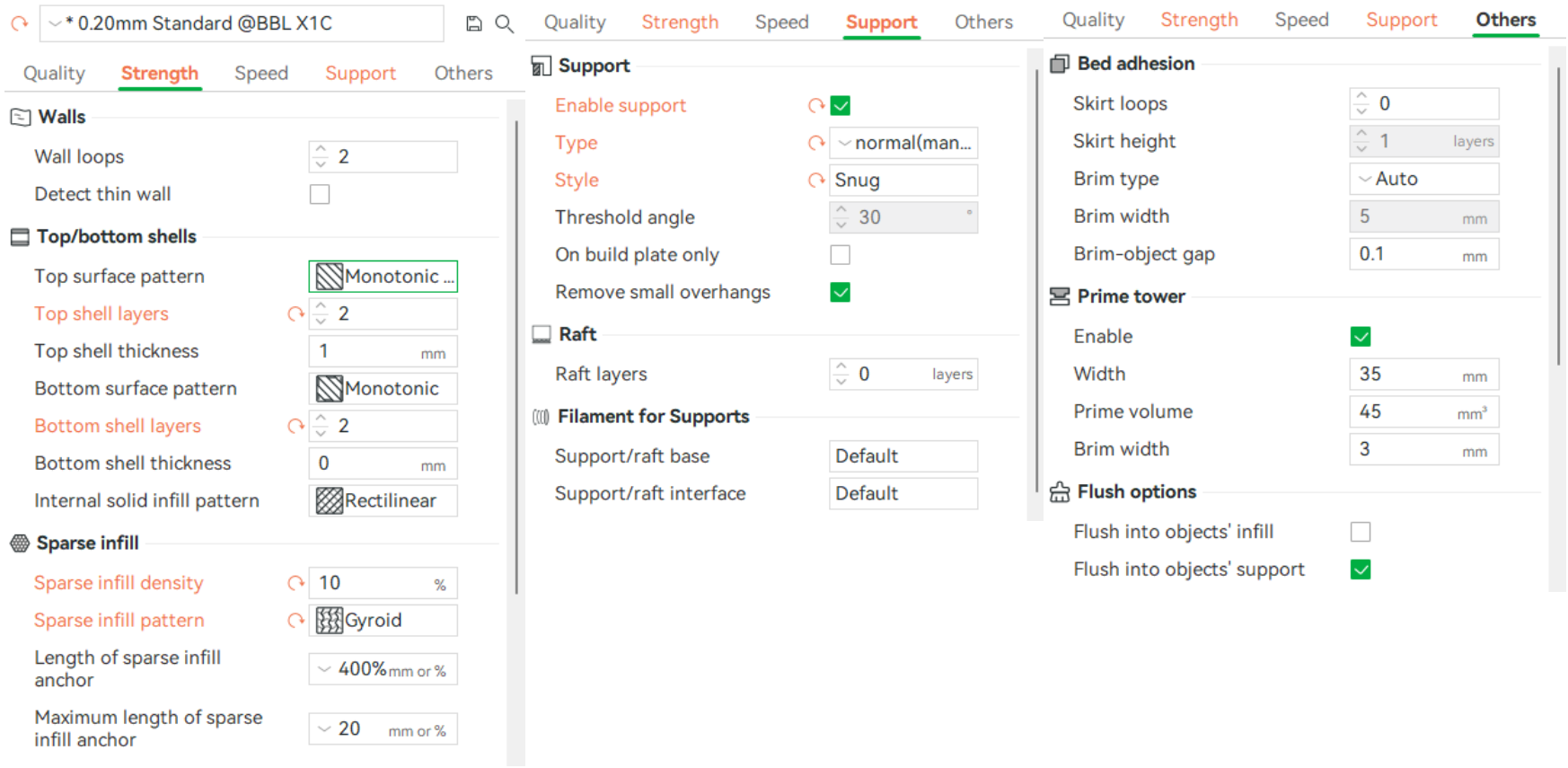
1 UNITS

CRUCIAL TIPS FOR SUCCESS

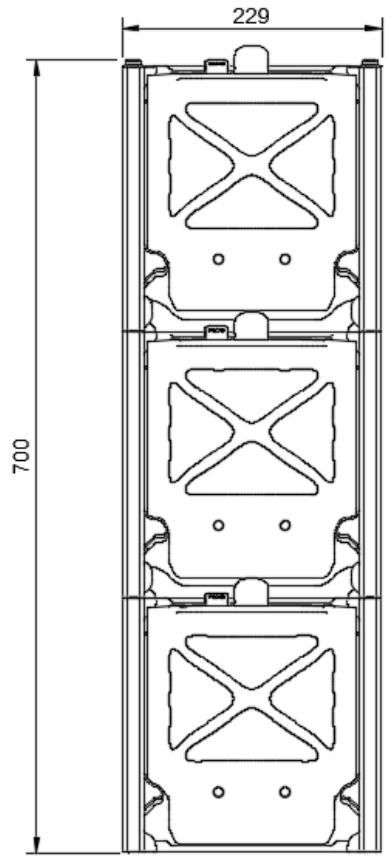
1. PLEASE NOTE, HAVING 2 PERIMETERS IS MORE THAN ENOUG.

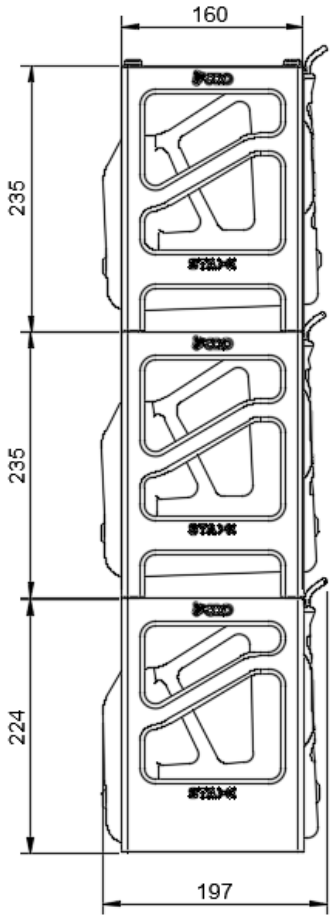
2. I RECOMMEND NOT LOWERING THE INFILL BELOW 10%, OTHERWISE, YOU RISK NOT HAVING ENOUGH MATERIAL INSIDE.

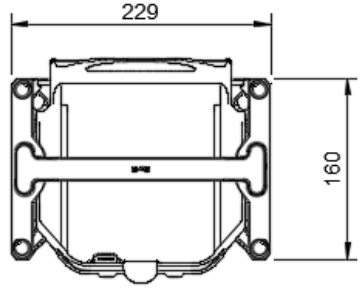
3. THE OBJECTS HAVE BEEN ORIENTED ON THE BED FOR BOTH AESTHETIC AND FUNCTIONAL REASONS. YOU'RE FREE TO REPOSITION THEM AS YOU LIKE, BUT BE MINDFUL OF THE NECESSARY SUPPORTS.

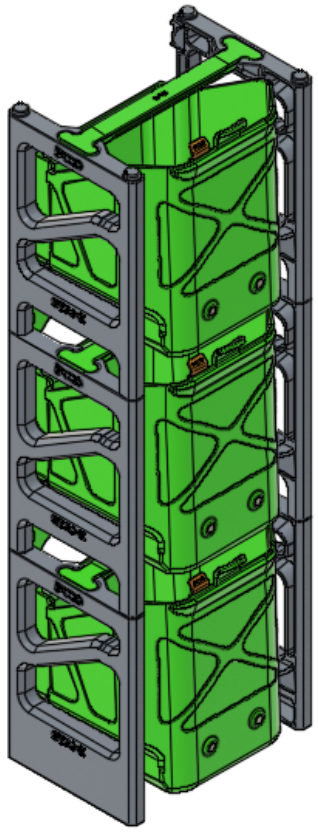


STAXX Dimensions



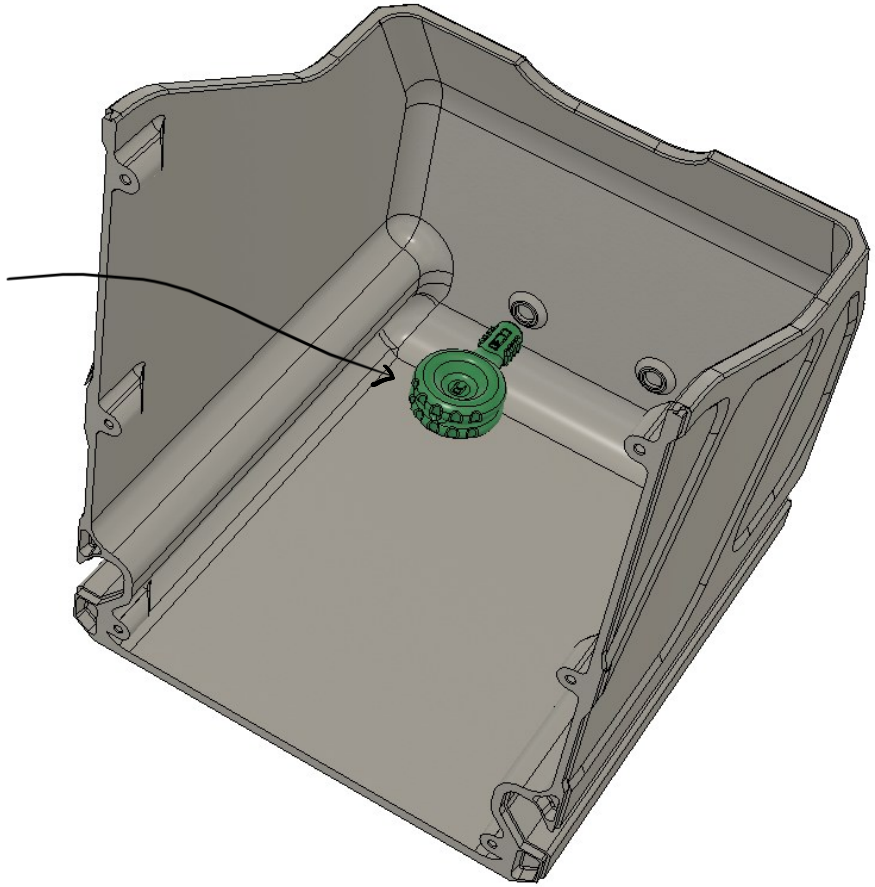


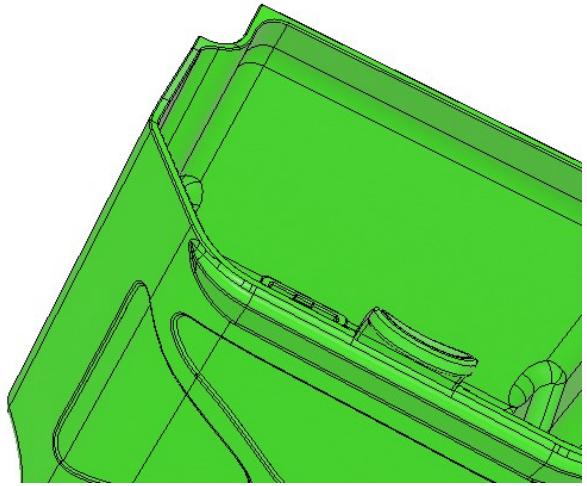


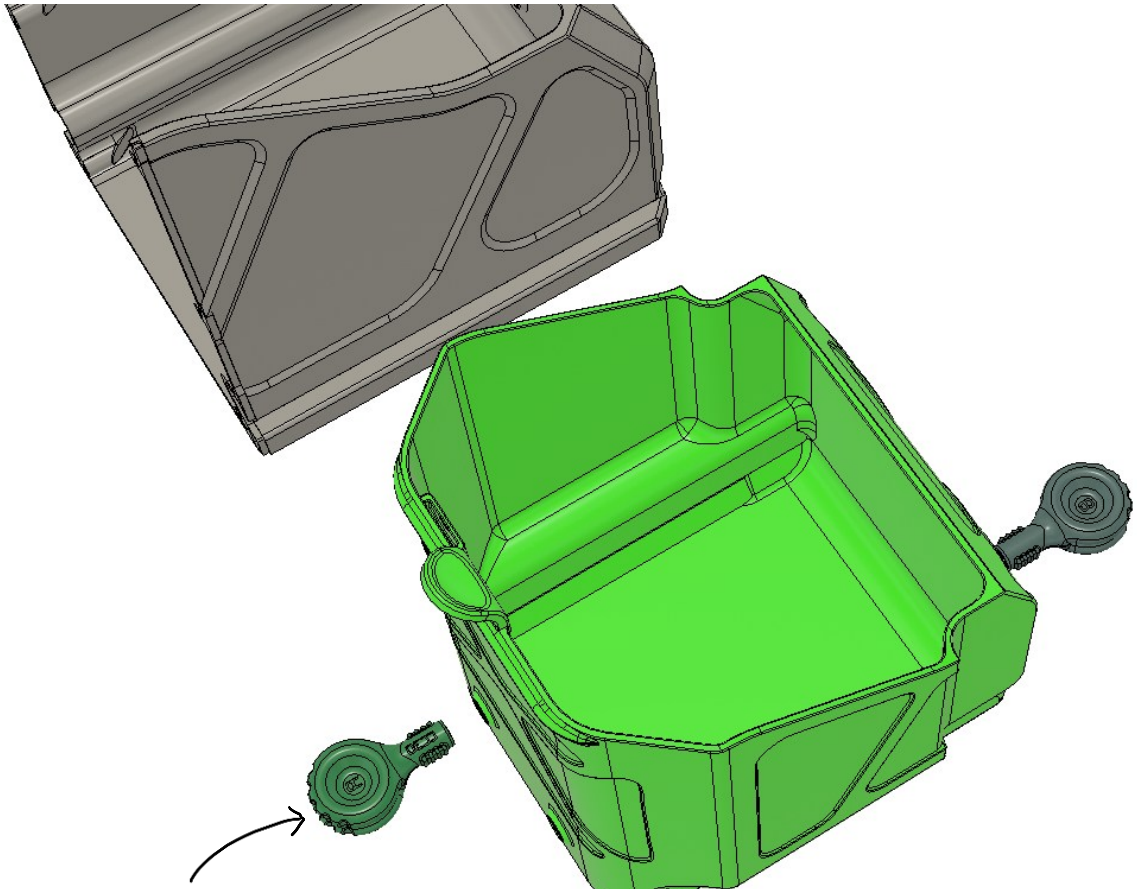


ATTACH THE MAGNETS.
YOU'LL NEED SOME QUICK GLUE AND THE MAGNET APPLICATOR, WHICH ARE AVAILABLE FOR FREE IN MY SHOP.

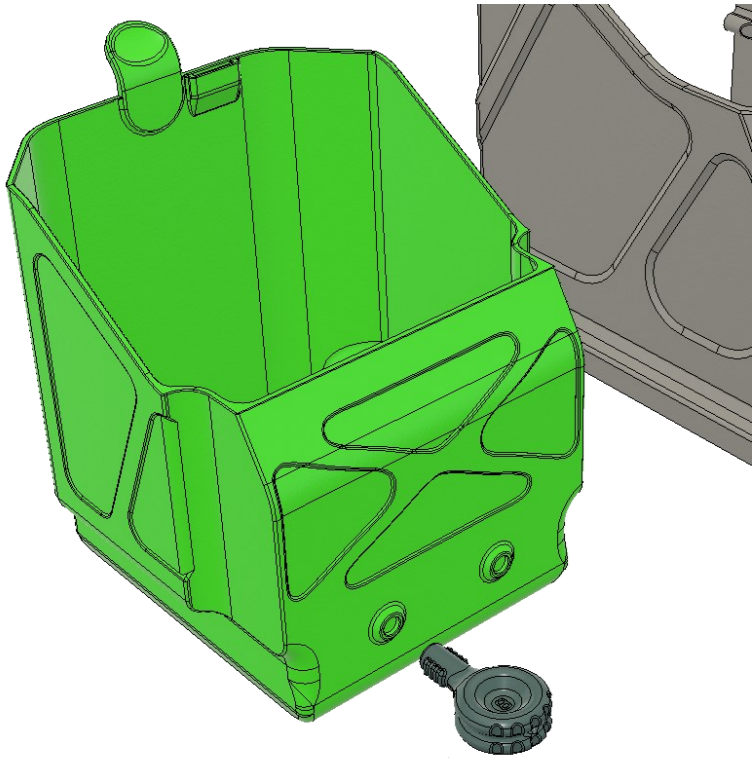
USE THE APPLICATOR "A" FOR THE BACK OF THE MAIN DRAWER.





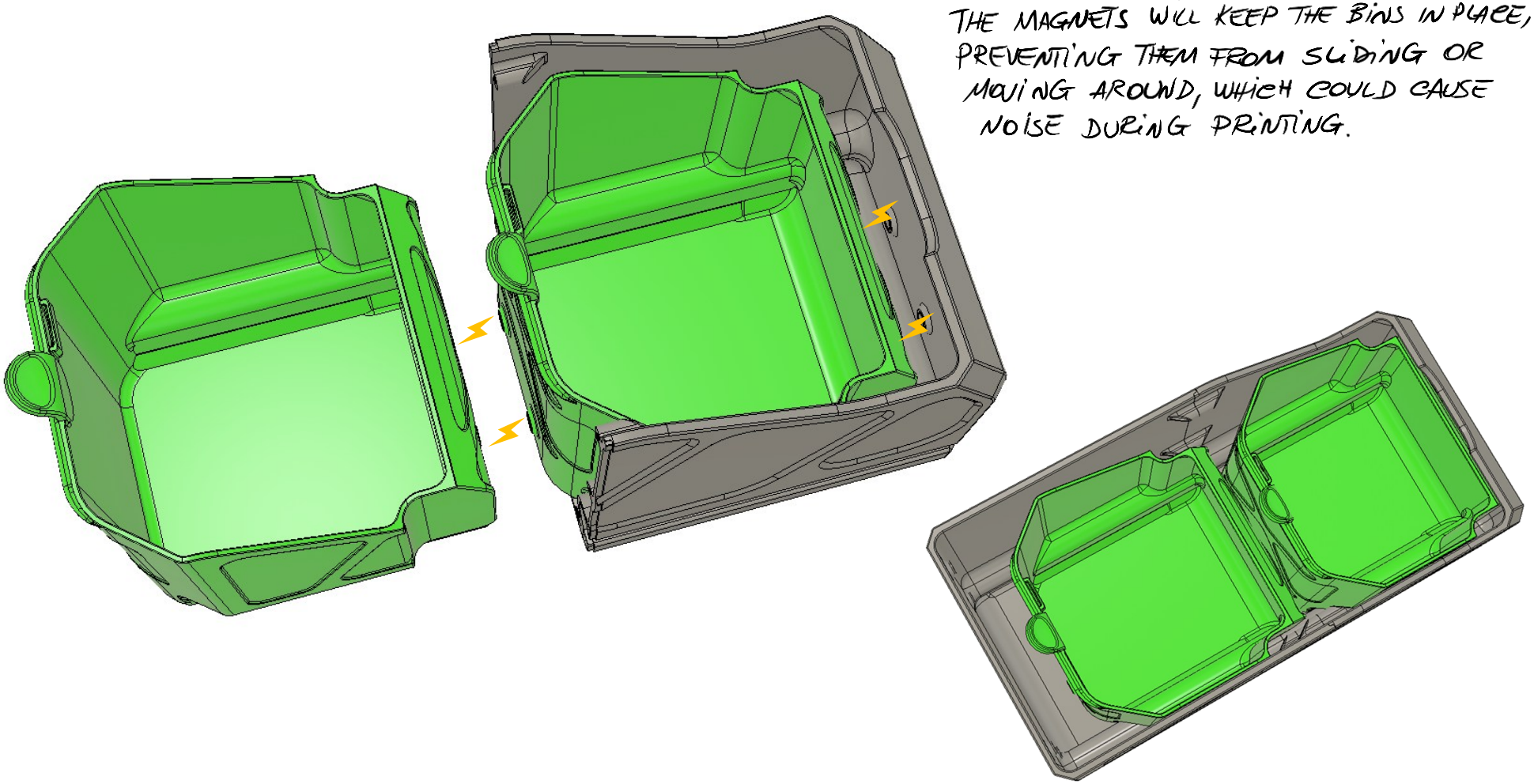


USE APPLICATOR "A" FOR THE FRONTS OF THE BINS



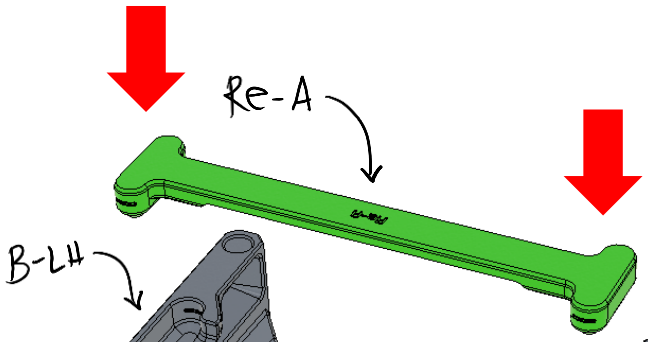
USE APPLICATOR "B" FOR THE BACKS OF THE BINS

WHAT ARE THE MAGNETS FOR?

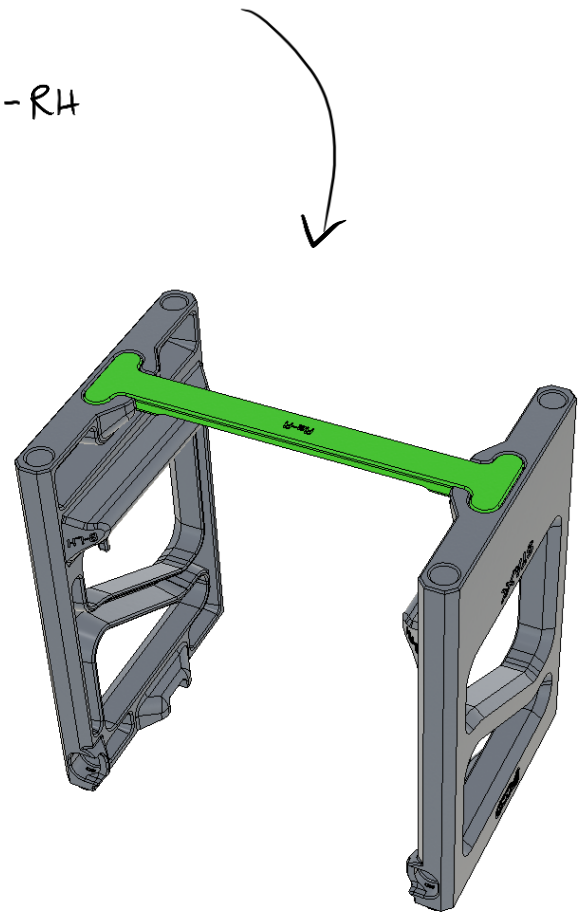


THE MAGNETS WILL KEEP THE BINS IN PLACE, PREVENTING THEM FROM SLIDING OR MOVING AROUND, WHICH COULD CAUSE NOISE DURING PRINTING.

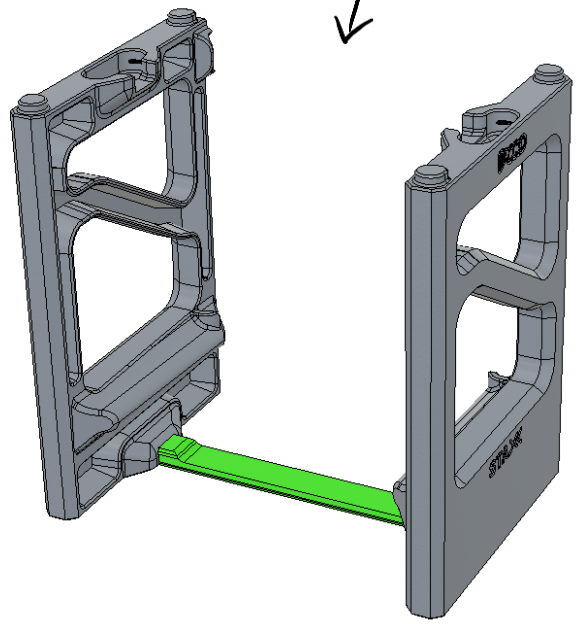
ASSEMBLE THE RACK



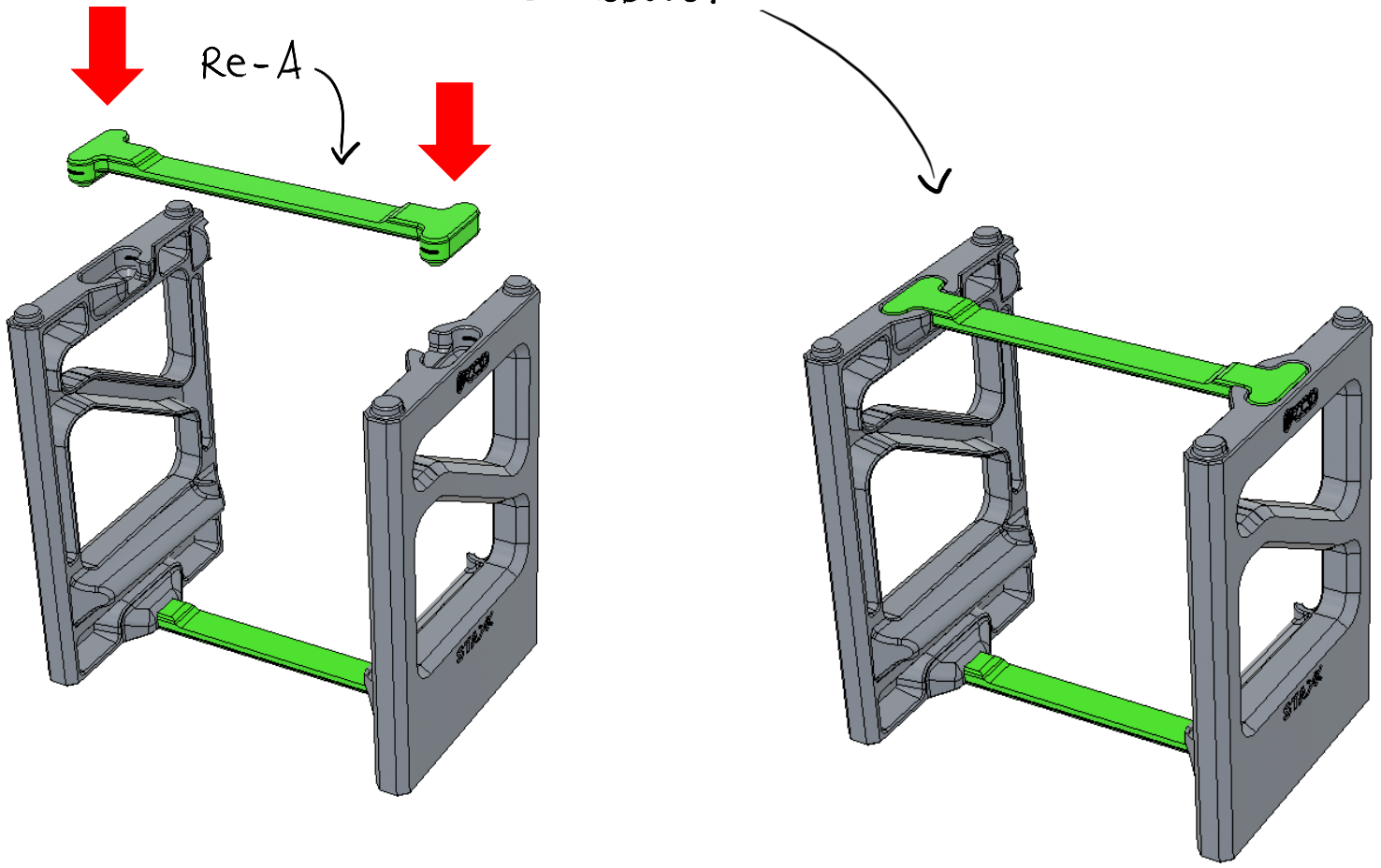
POSITION THE TWO SIDE PIECES AND FIRMLY CONNECT THEM BY SLOTTING THE DESIGNATED PART TOGETHER AS SHOW IN THE FIGURE.



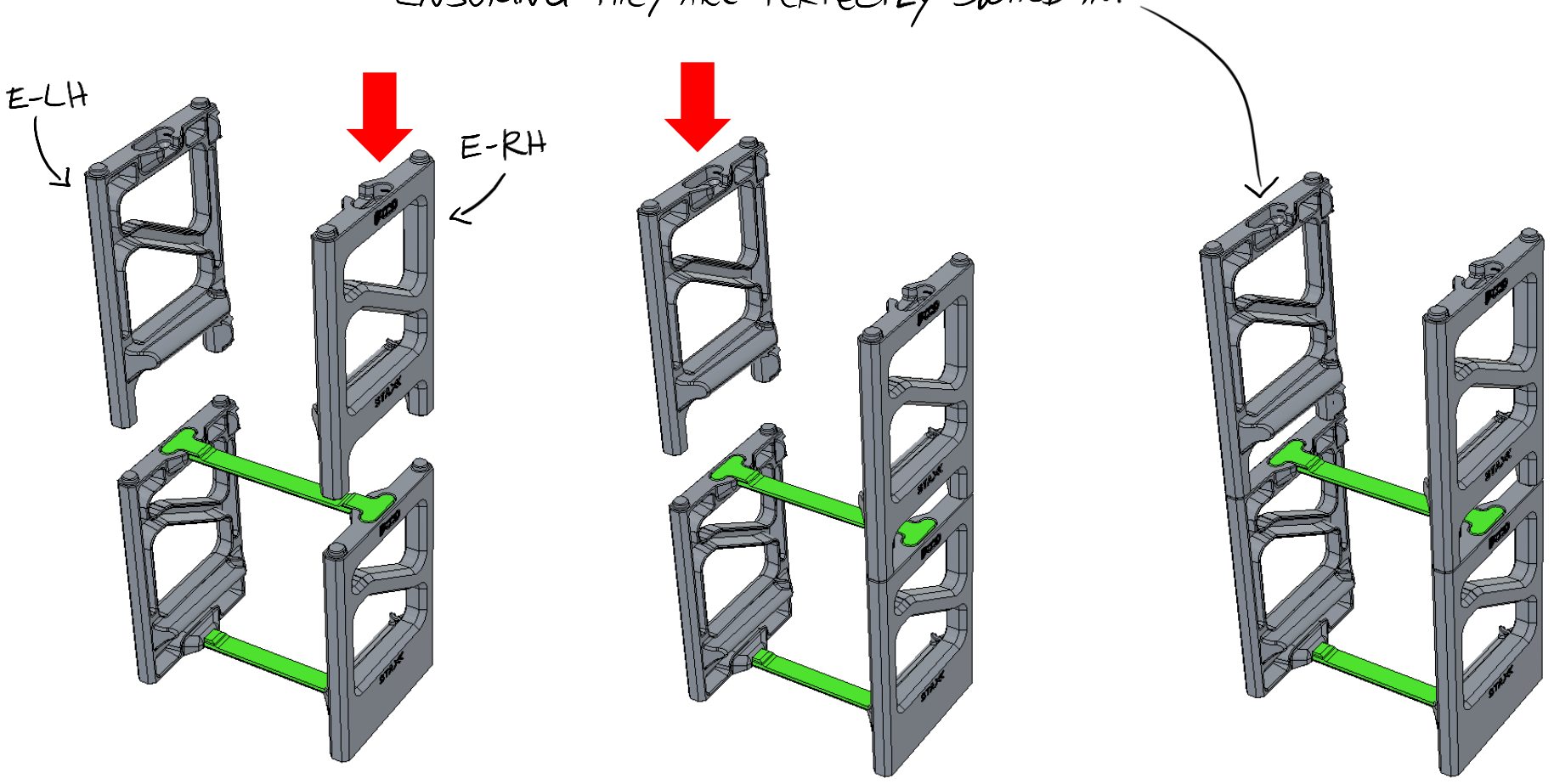
FLIP THE ASSEMBLE STRUCTURE UPSIDE DOWN.



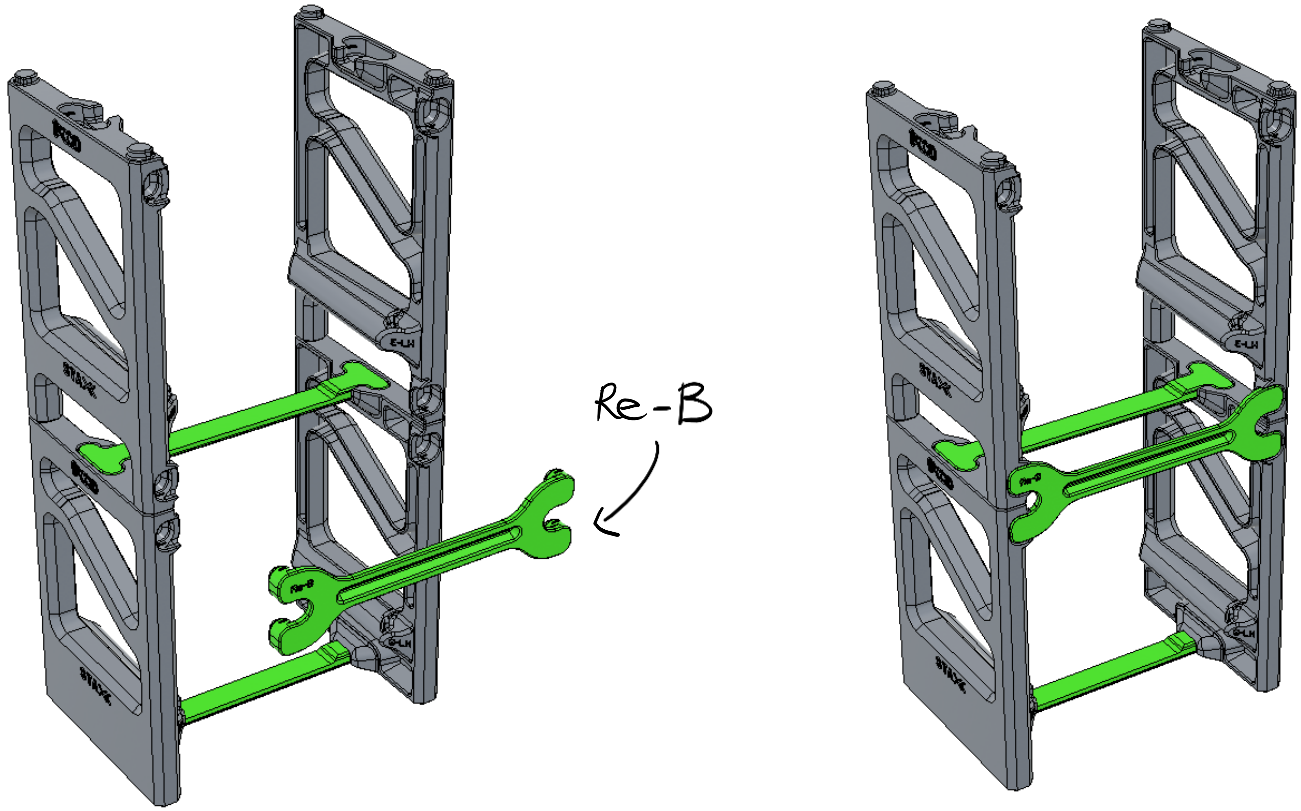
SLOT THE INDICATED PIECE INTO PLACE TO FORM THE FIRS MODULE.



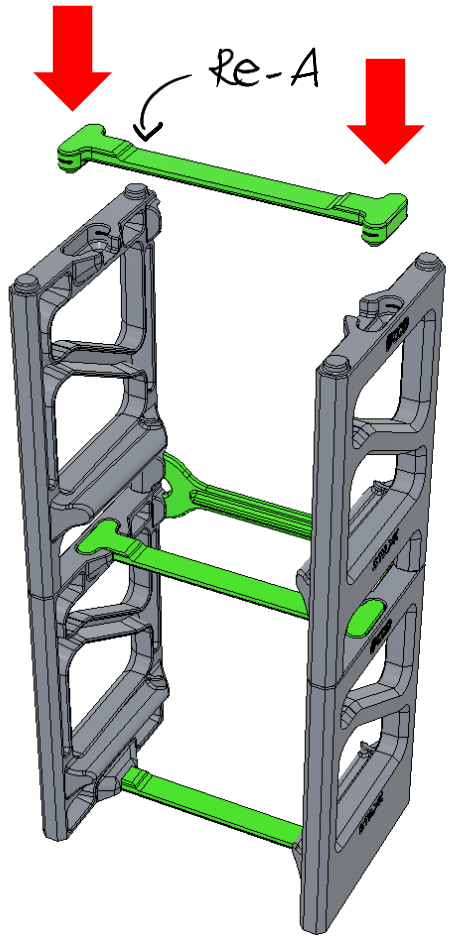
ATTACH THE SIDE PIECES ONE AT A TIME,
ENSURING THEY ARE PERFECTLY SLOTTED IN.

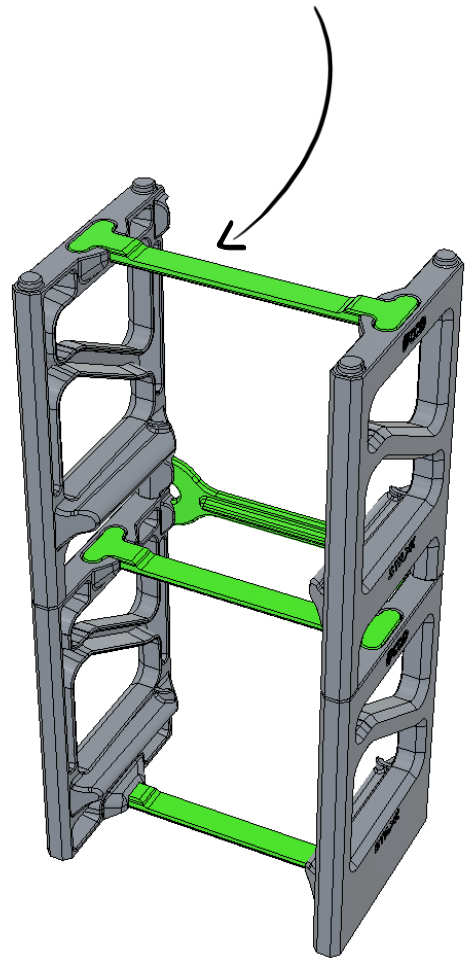


REINFORCE THE STRUCTURE BY ATTACHING THE REAR REINFORCEMENT.

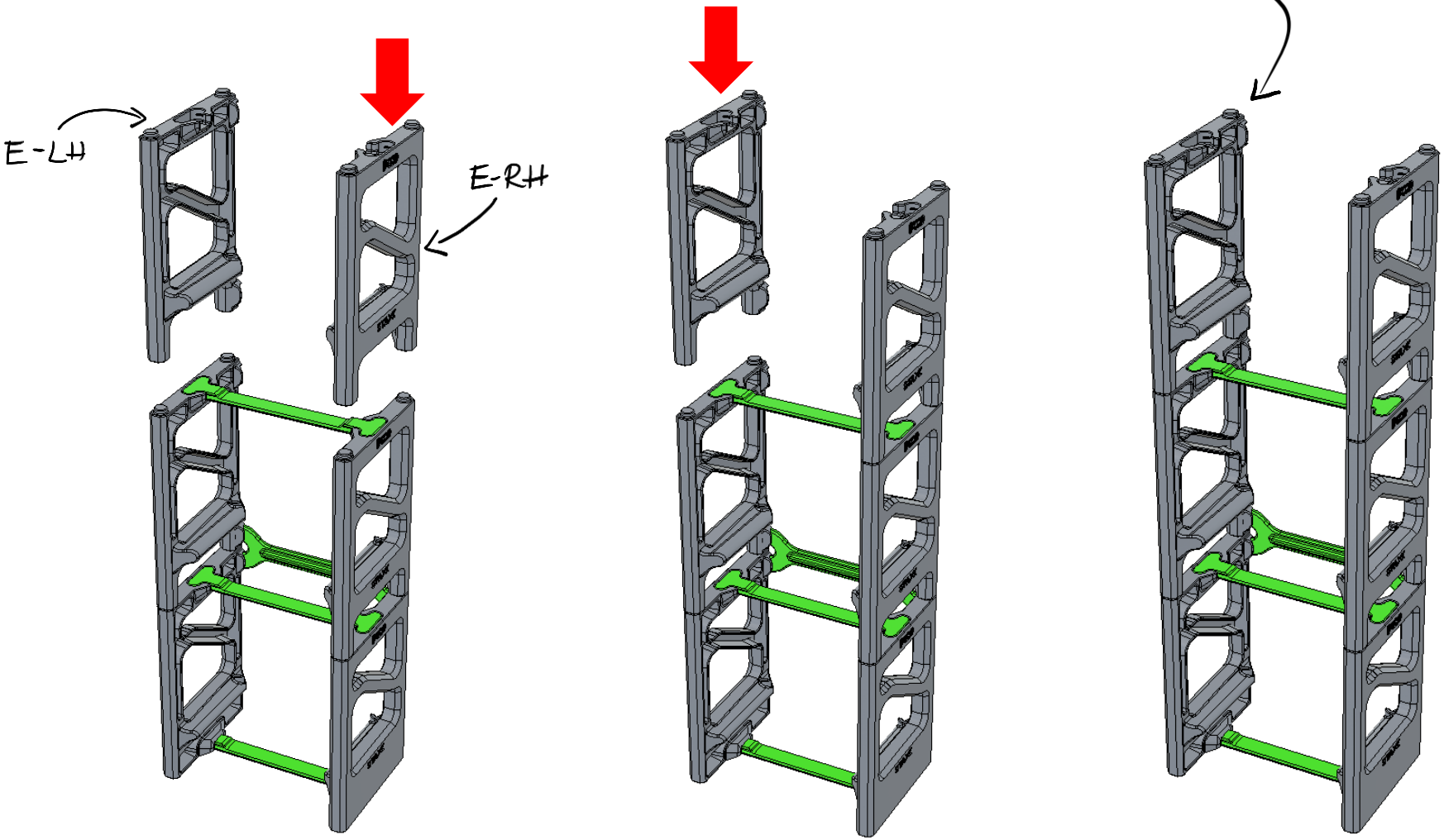


SLOT THE CENTRAL REINFORCEMENT AS SHOWN IN THE FIGURE

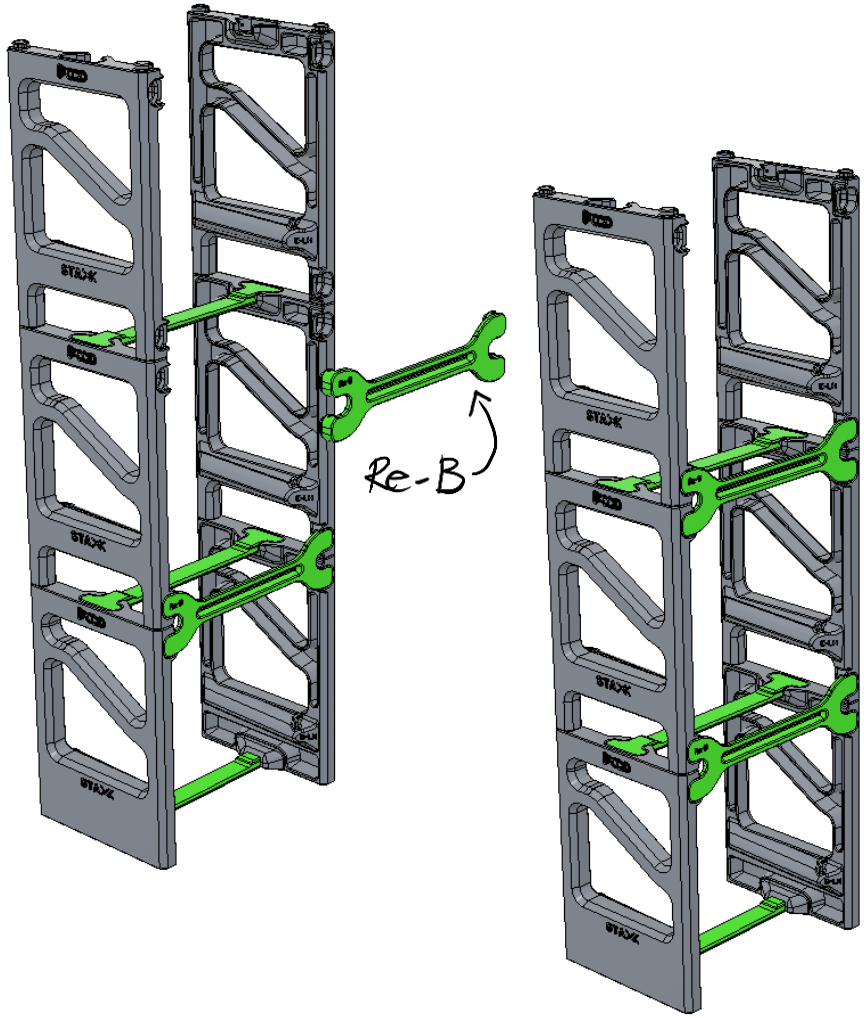




CONTINUE BY ATTACHING ADDITIONAL SIDE PIECES.

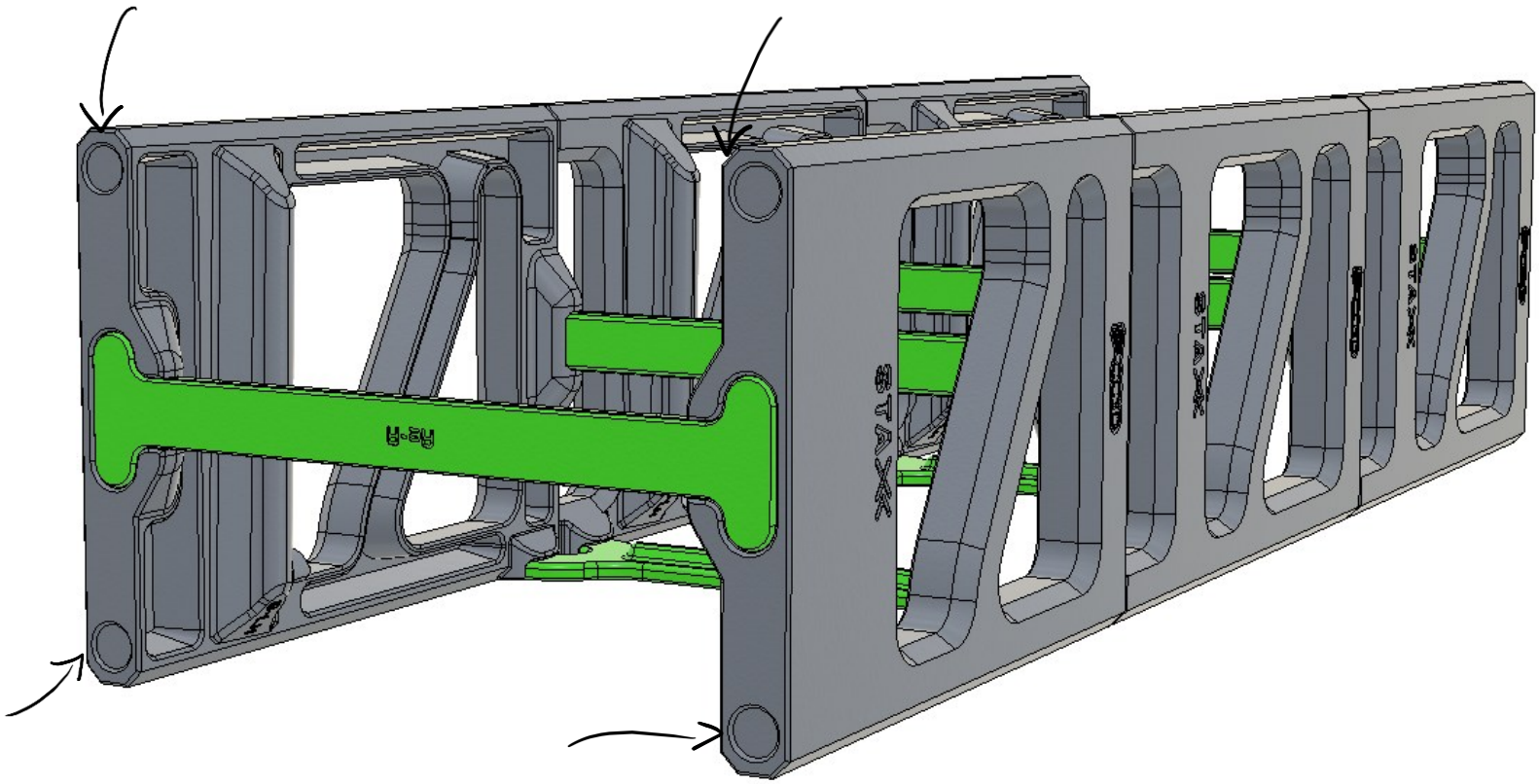


STRENGTHEN THE STRUCTURE WITH ANOTHER REAR REINTORCEMENT.

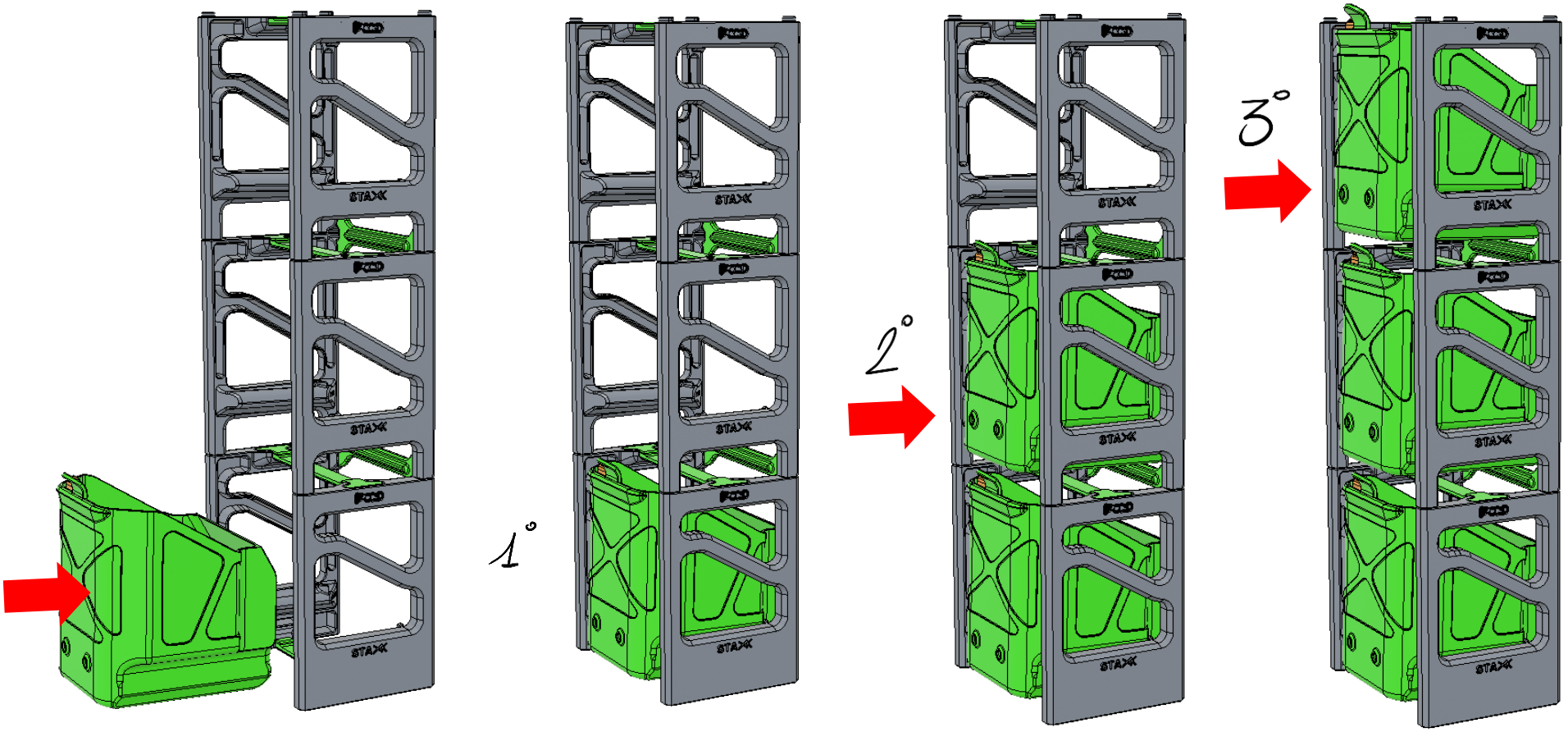


FINISH ADDING AN ADDITIONAL CENTRAL REINTORCEMENT

AT THE BOTTOM, YOU'LL FIND CAVITIES DESIGNED TO HOLD SILICON PADS.



FINALLY, INSERT THE BINS, ONE AT A TIME INTO THE GUIDES, SLIDING THEM UNTIL THEY LOCK AGAINST THE REAR STOPS.



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!!!