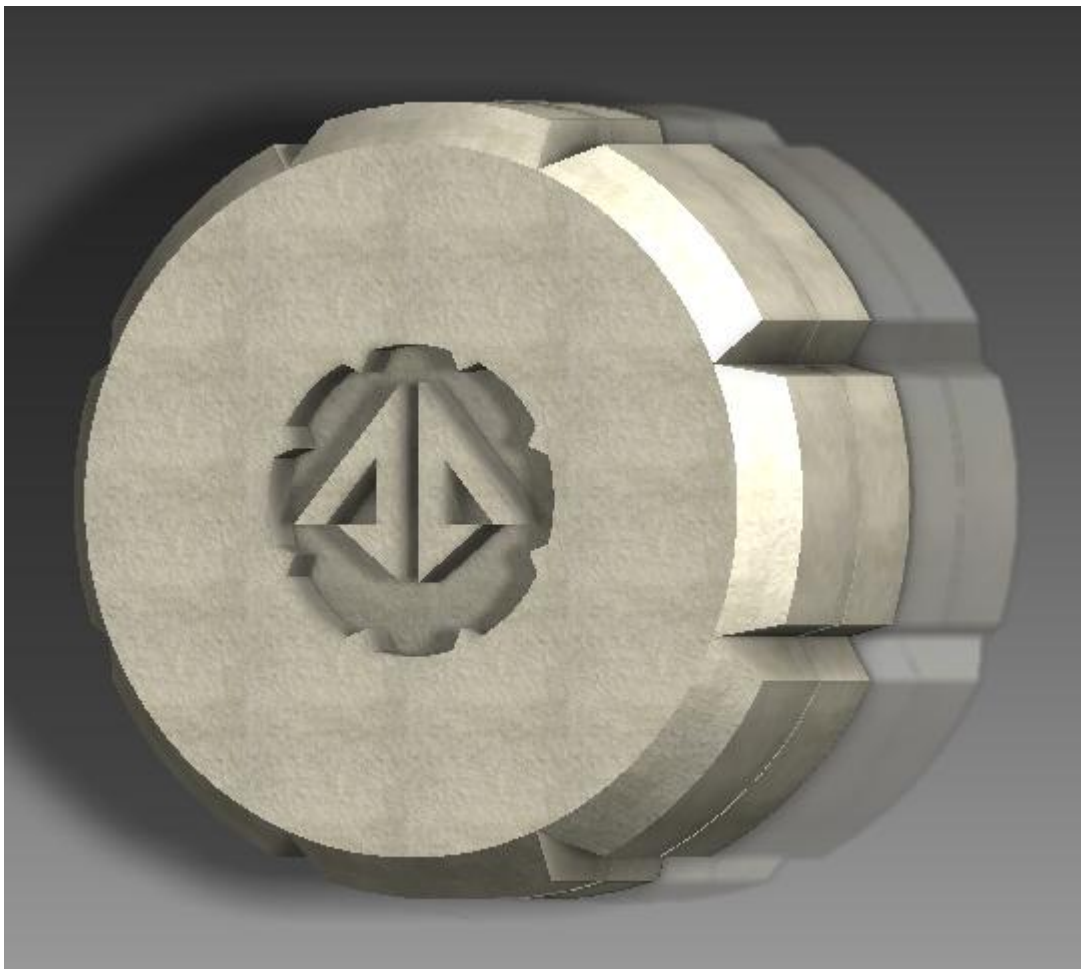


EGT396

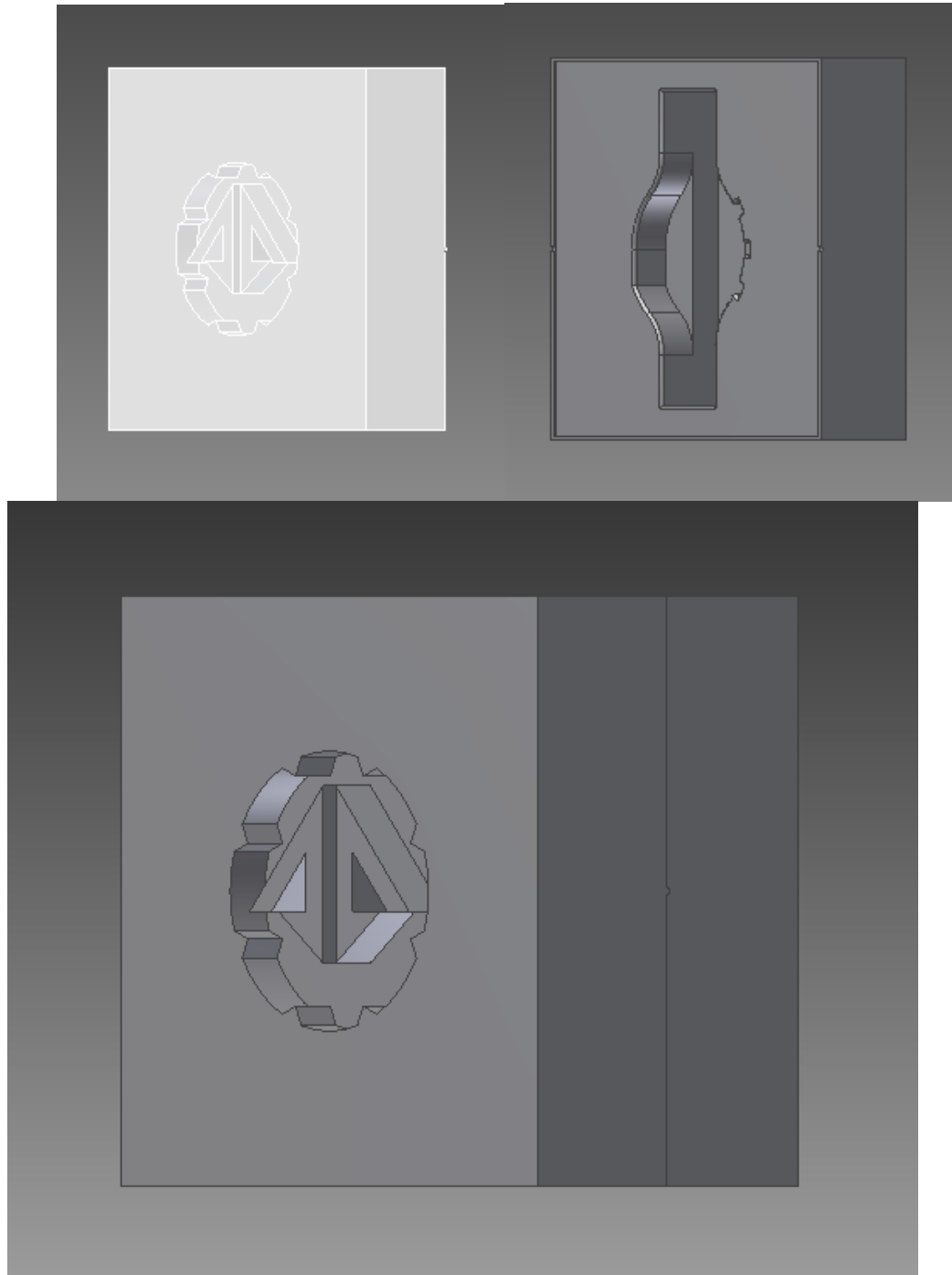
PROJECT 1-REFINEMENT

BRANDON HATLEY



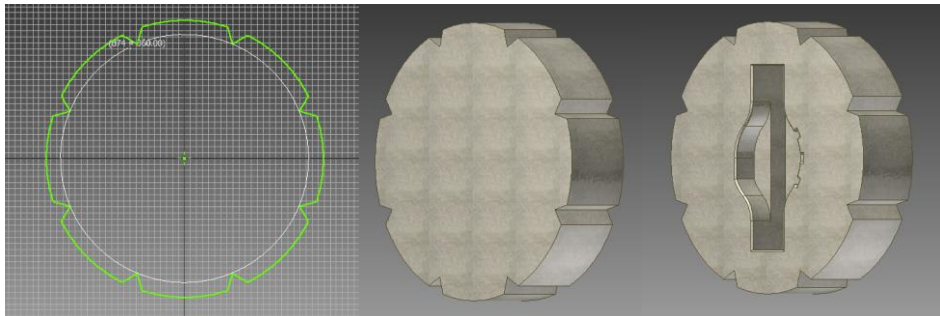
As you may remember, I am starting off with my first attempt at a finished product. It is just a simple two-piece box that holds my watch, and clamps together with sort of a half ball-&-socket type of latch. And, as you also may remember, I was not 100% satisfied with the result. In fact, I was rather excited to learn that we were going to have a chance at refining our concept.

Once again, here is what I am starting with:

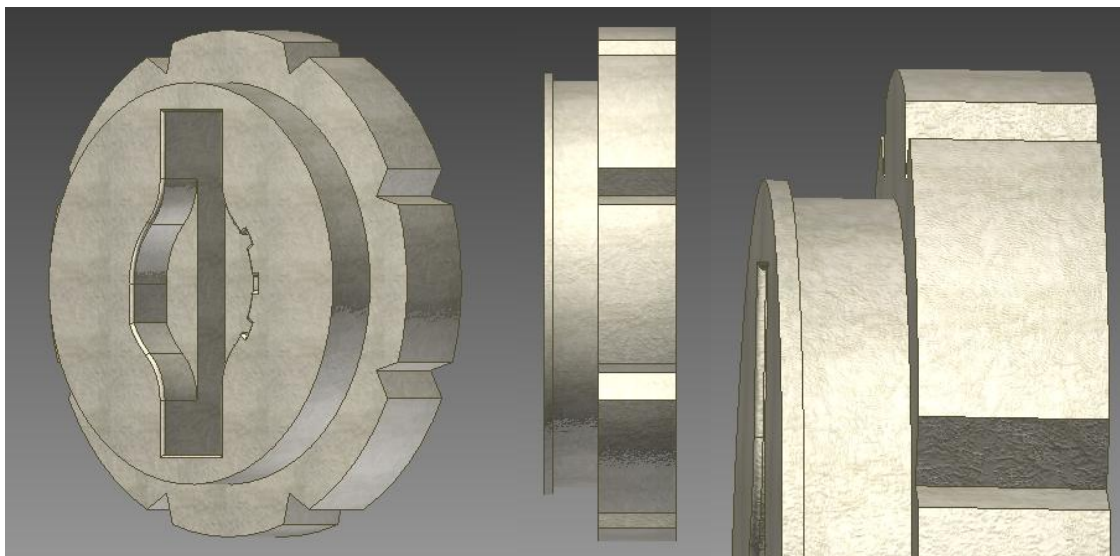


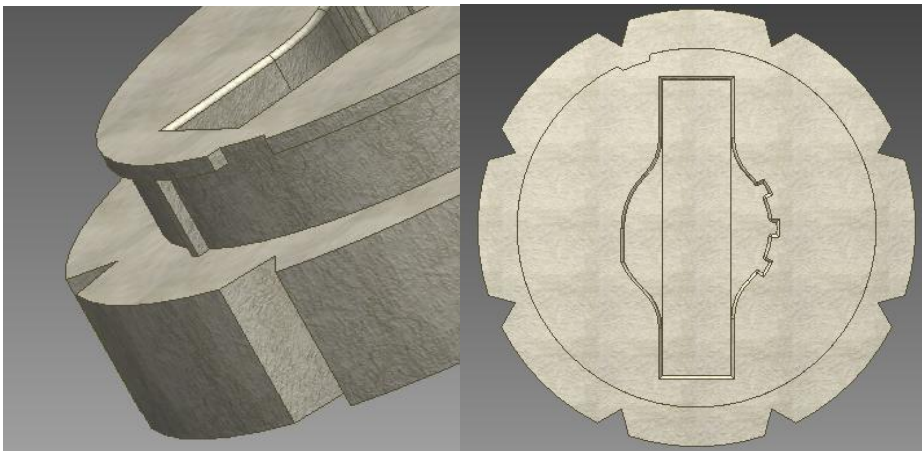
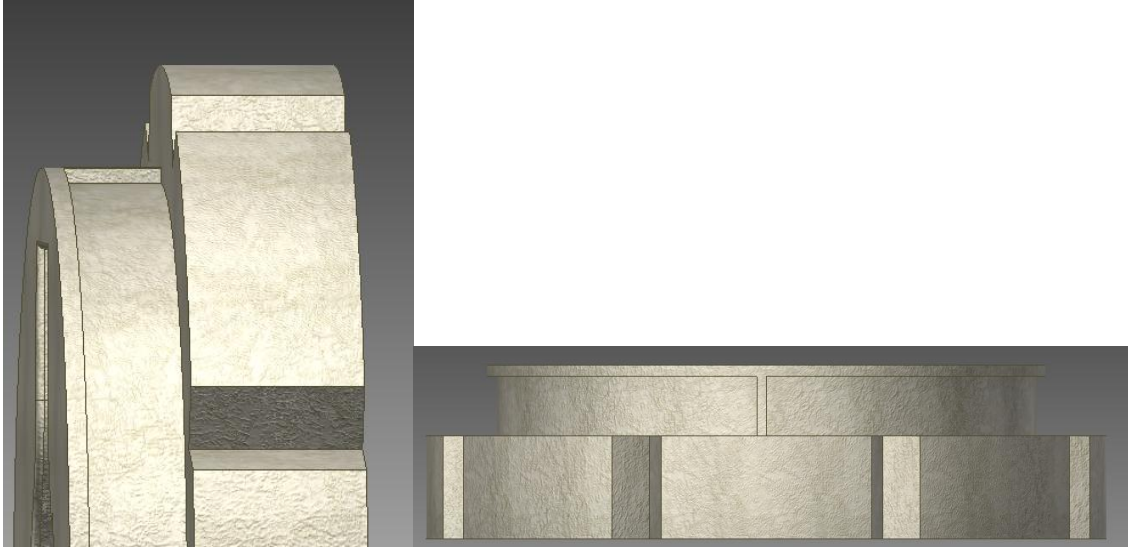
My intent is to change the box so that it reflects a little better the design of the watch itself. I am not going to change the way that it holds the watch much, if at all since I feel it is probably the only way to hold it and only fit **my** watch. Perhaps the only thing I will do is lower it a bit to be 100% certain that there is space between the bottom of the lid and the face of the watch. Especially considering I am hoping to make the lid twist to lock into place. I really don't want to scratch my watch keeping it secure.

Because I did have such difficulty in creating the original space that my watch is going to sit in, I do not want to start all over and have to go through that again. I've decided to do a "Save As" to the original bottom and revise the outer shape of the box.



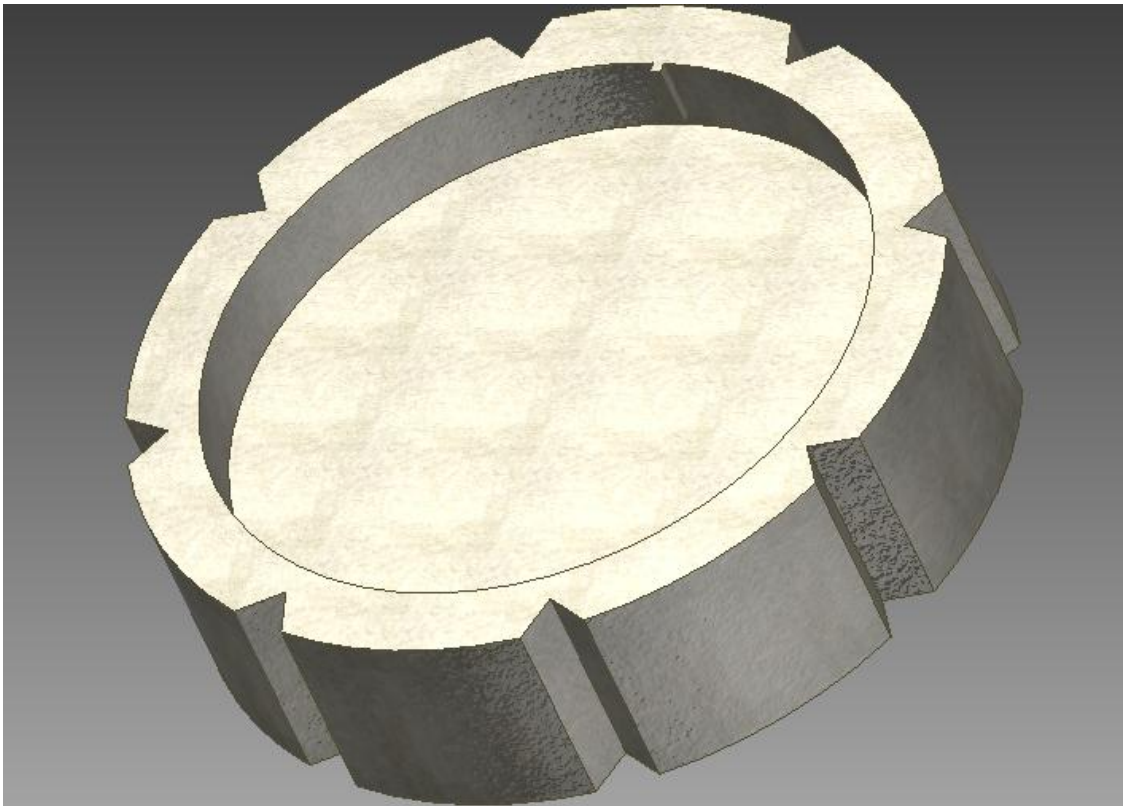
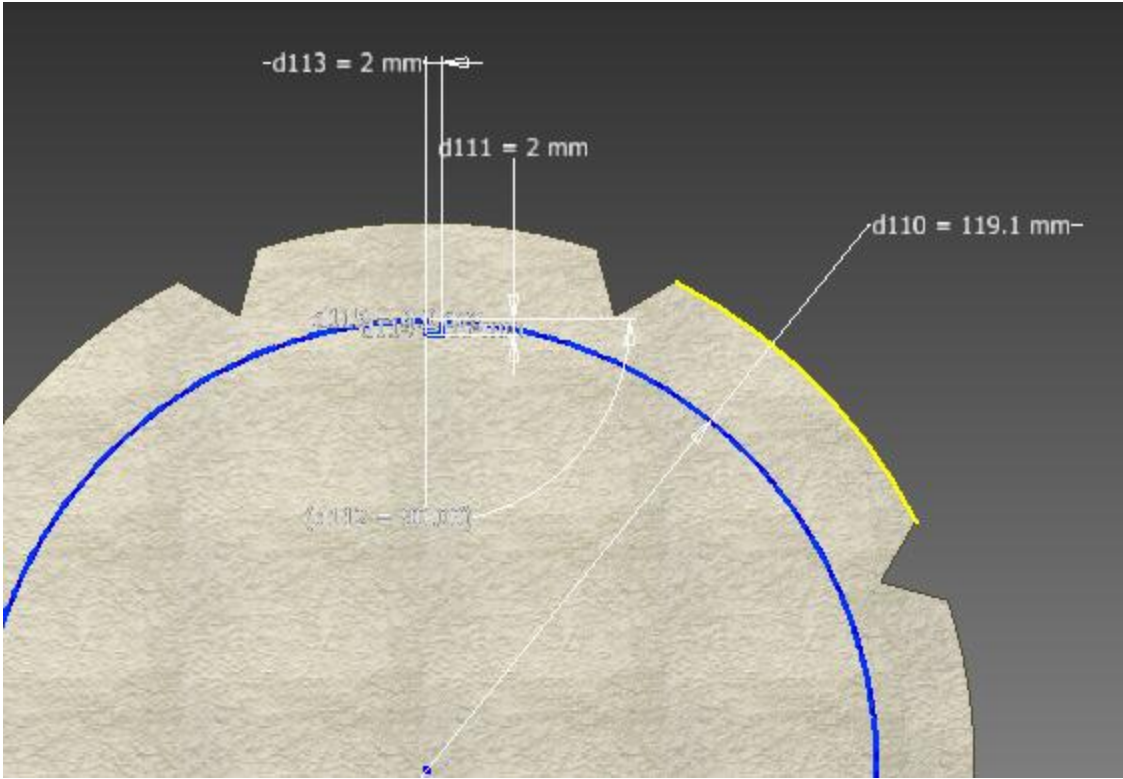
Next is to figure out how to make this so it would mate to a lid that would fit over it a twist. I think I am going to cut the outer portion down about 15mm, leaving a circular protrusion in the middle. This should have an added bonus of making the watch sit more center mass if you will. I am going to need some sort of a stop for the lid to hit when it is lined up, and a lip to hold it on.

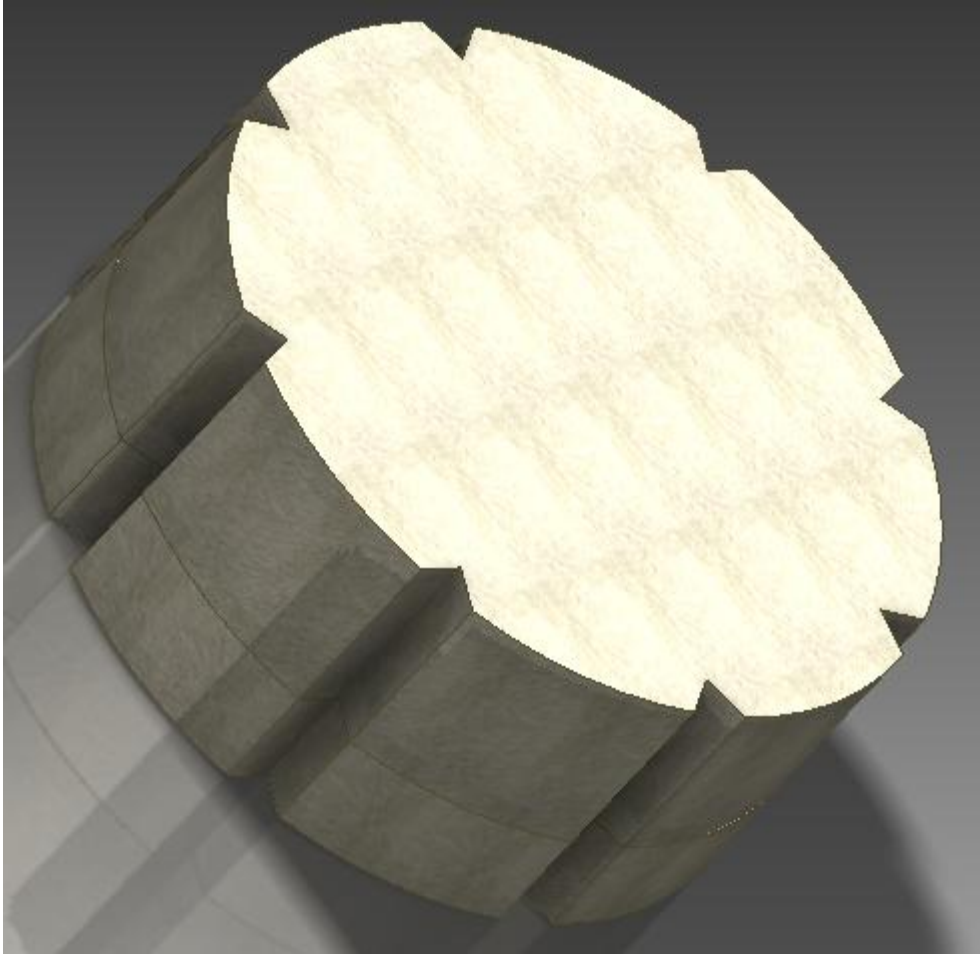




Now that the bottom is successfully completed, I'll move on to the top. I think this is going to be a bit more challenging, though. I think I am going to have a problem getting the top and bottom to line up.

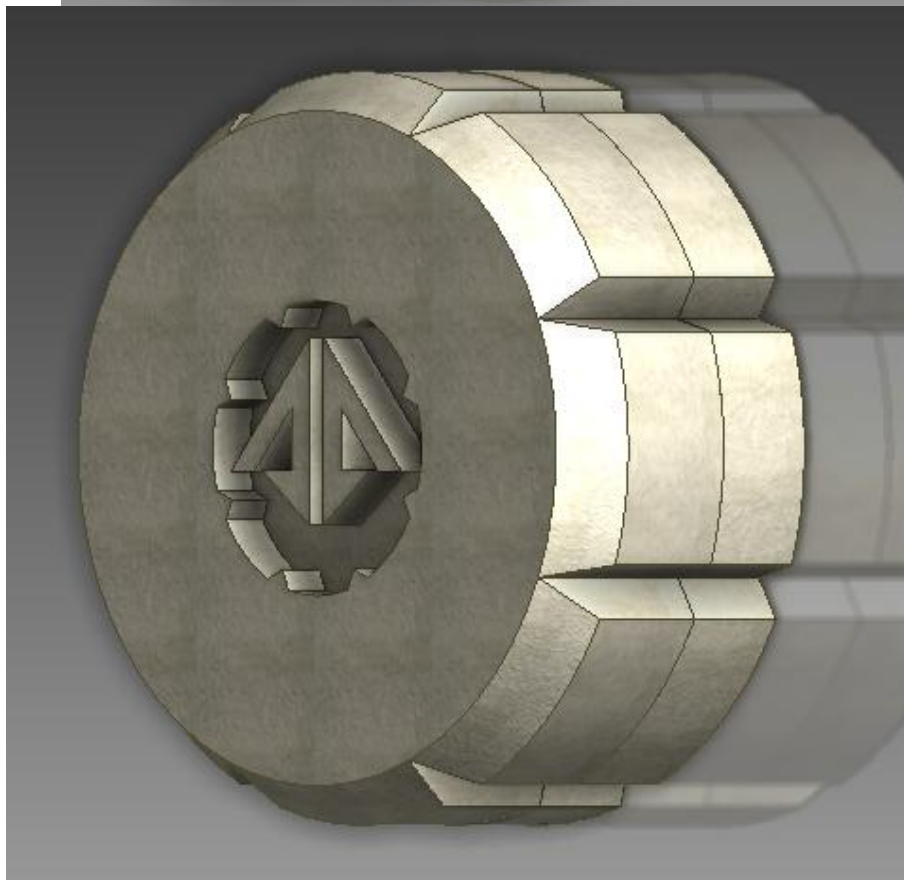
As I suspected, it was darn near impossible for me to get the top exactly the right shape. I did have a light bulb turn on, though, and used the bottom for the top and simply suppressing all of the unwanted features. The second added bonus of this adventure: I will have all the dimensions right there. No need for second guessing. All I had to do was cut out the inner portion of this with an outer diameter just a bit bigger than the diameter of the bottom's inner circle, and add a stop to hit the other when twisted.

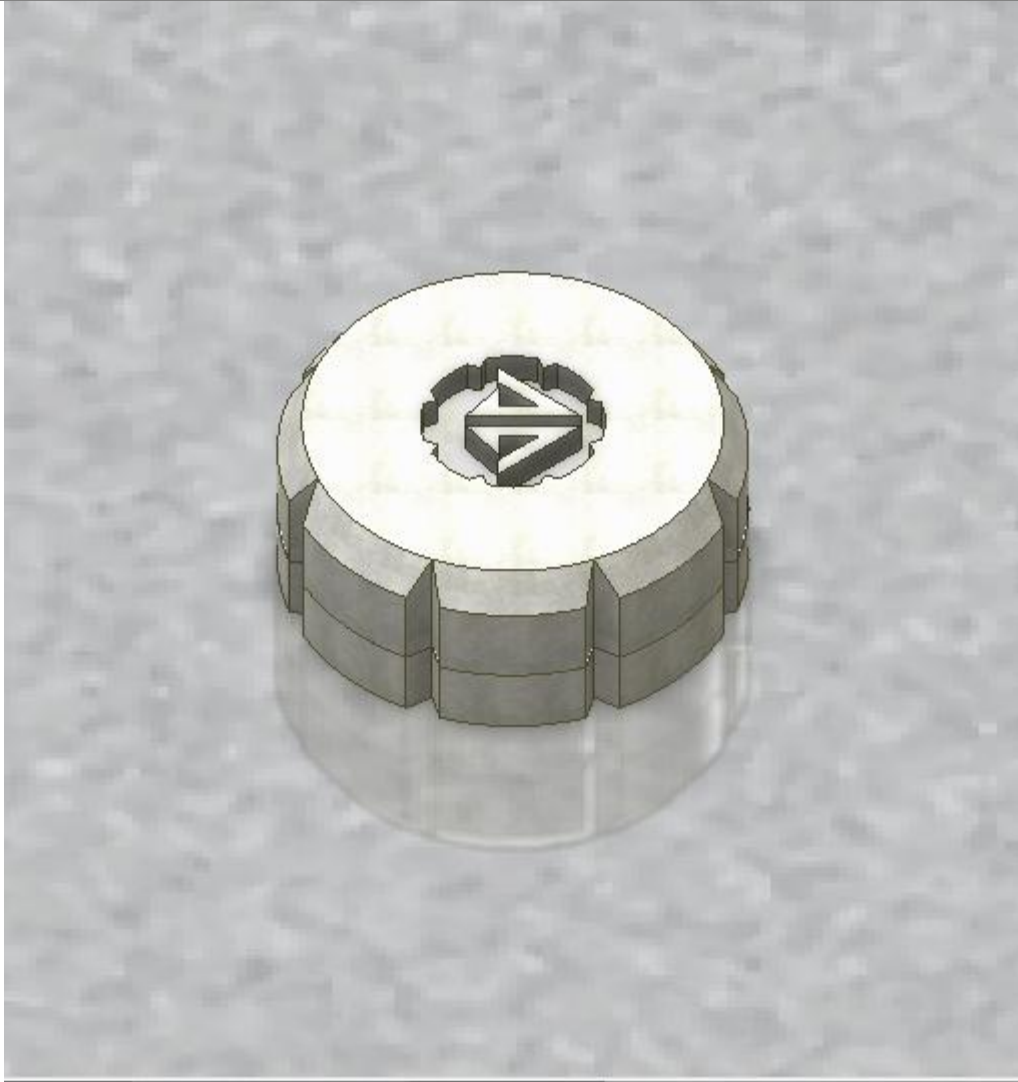
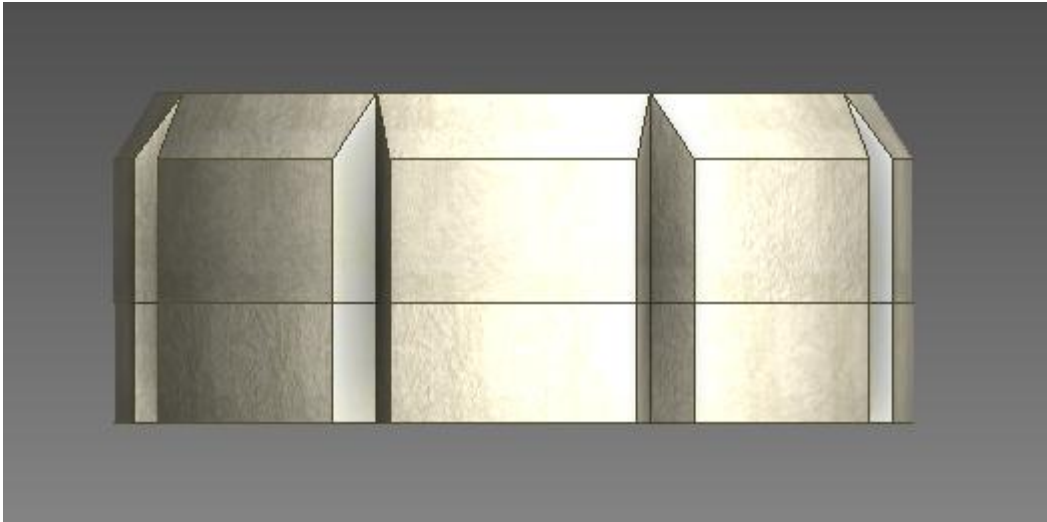




A pretty good fit, if I do say so myself. I'm still not happy with it though. It doesn't really look like the gear on my watch. It looks more like I am a *Red Hot Chili Peppers* fan. (I am, but that is beside the point). Other than the little symbol in the middle, I can't figure out what it needs.

I've got it! I did a revolve cut to shave down the outer edge of the gear. I was also able to figure out how to copy and paste my cut feature that made the center symbol from my first top. I am extremely happy with what I have come up with. It holds my watch, and only my watch. It is functional. It has design aspects that mirror the watch itself. I honestly think that the watch manufacturer would consider using this as their packaging. If done right, I think people (mainly males), would consider having this on their dresser or in their closet to hold their watch when they weren't wearing it.







Because there is absolutely no way that you are holding on to my watch for even a day, here are some of the best images I could find for reference.



