



Hex Bit and Driver Holder/Case



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Summary

Open case for hex bits and driver handle (handle to come soon)

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This is my first design with Fusion 360. I have a large assortment of hex bits that do not have a home and they sit loose in my toolbox, this was designed to help fix that issue. This is not perfect but it does what I need.

The bits do not sit snug in the holes, that was by design originally but I feel a second iteration would have a more snug fit and hex shaped holes instead of circular.

There is a slot to store a driver handle that I have designed and am printing as I make this. I will post it separately and put a link/reference here.

I've printed this on 0.35 layer and 10% infill and it works well. As there are fillets near the top of the openings and around the corners, a variable layer height may be a good idea and make it a little finer near the top. I used PLA but I suspect anything other than flex would be fine.

The main shape is 100 X 70 mm. The depth of the bit holes is only 5 mm and could be a little deeper, the bits do not fall out without tipping about 90 degrees. The driver handle slot is 15 mm deep.

The top layer being white in my images was just a mistake, I ran out of red like 2 layers from completion. Pretend you don't see that.

I hope you like it, let me know what you think!

Model files



hexbitholder-v1.stl

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