

Wiha 4mm bit magnetic travel holders



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updated 16. 5. 2024 | published 16. 5. 2024

Summary

Needed some travel sized holders for my 27 piece Wiha 4mm bit set so I came up with these.

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I printed these with petg and I like them better with that filament. Will work with pla though.

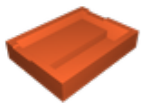
I used 10mm x 2mm magnets and you need 3 for each. Don't forget to add a pause to add the magnets. I used Tinkercad to make these so if you want to use stronger larger magnets you can. I keep them in a small pouch with a bit driver in my bag so I didn't need the magnets to be super strong. You can also orient the magnets in the smaller holders the same way and the bigger one opposite to get them all to stick to one another.

I used small ranger bands for some extra retention. You can use any kind of rubber bands but ranger bands are so durable that I find them best for this application. I already had these bands and they just happened to work great. On amazon they are called Slog Bands: Heavy Duty Rubber Bands

made from EPDM Rubber - Skol Survival Supply (small). They also have a small mix option that includes these.

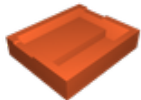
Don't forget to disable supports or the magnet holes will fill. Also, you need to enable outer brim support to keep them square. It can be tricky getting petg to start and stop when you pause for the magnets but its definitely not impossible. I haven't had issues pausing with pla.

Model files



wiha-4mm-magnetic-bit-holder-x8.stl

📄 This one is for the phillips and slotted set and the hex set which are 8 bits each.



wiha-4mm-magnetic-bit-holder-x9.stl

📄 This one is for the torx set of 9 bits.

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