



Vape Pen Stand and Cartridge Storage Honeycomb



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Summary

Honeycomb Vape Pen Stand and Cartridge Storage These are pen holder stands for vape pens and cartridges. Standing the...

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Honeycomb Vape Pen Stand and Cartridge Storage

These are pen holder stands for vape pens and cartridges. Standing the pens upright keeps the oil at the bottom where the heating coil is and it also seems to help reduce clogging. They're a honeycomb design because where else would you store your honey oil. Also, hexagons tessellate to minimize the amount of wasted space and maximize the available storage and are the most efficient, least wasteful shape found in nature. And who doesn't like minimizing wasted space?

They're designed for CCELL vape pens with the hexagonal cells having an inside circular diameter of 11 mm, so they'll work fine with any vape pens with diameters no larger than 11 mm. Of course, the things can be scaled up in the X and Y dimensions to accommodate larger pens.

There are two design variations:

design 1: flat angled top, tallest at back (or the front if you're a weirdo)

design 2: spherical cap top, tallest at centre

Technically both versions have horizontal flat tops since they have been optimized for FDM printing by removing the top half millimeter where the layers would be too small and would print too quickly to allow sufficient cooling. The wall widths are also optimized for FDM printing as they are 0.8 mm - exactly twice the standard nozzle width of 0.4 mm.

Each design comes in two different heights: 35 mm, and 16 mm. The 16 mm models use less material obviously and work just fine so I'd recommend them, but if you like the look of the taller models or you want your pens to feel more secure then go for one of the 35 mm models.

I prefer the 16 mm spherical cap model as a stand to hold the pen that I'm using, but they all work equally well as storage containers for cartridges and extra pens and batteries.

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This remix is based on



Vape Pen Stand and Cartridge Storage Honeycomb

by Lyl3

Model files



vapepenstand-v1-16mm.stl



vapepenstand-v2-35mm.stl



vapepenstand-v1-35mm.stl



vapepenstand-v2-16mm.stl

Other files



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