

VEX IQ to Pegboard Adapter



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Summary

Mount VEX IQ parts on a pegboard!

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Tags: [pegboard](#) [vex](#) [pegboardmount](#) [thingiverse](#) [vexiq](#)

This is an adapter that lets you mount VEX IQ parts on a pegboard. One end is a VEX IQ pin, and the other goes into the pegboard. The 1 inch hole pitch of most pegboards lines up nicely with the 0.5 inch hole pitch of the VEX IQ system.

The pin holds strongly but does require a bit more insertion force than a normal IQ pin. Depending on your support material, a tiny bit of trimming around the edges of the pin might be required to get it to go in smoothly.

The pin probably isn't good for as many repeated insertions and removals as the real thing, either.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

Doesn't Matter

Supports:

Yes

Resolution:

0.12 mm

Infill:

60%

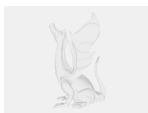
Filament: Creality PLA

Notes:

Lower resolution and infill might work OK, but since it's a relatively small part with some fine details, and might bear some load, I wanted to make sure there was plenty of structure.

Category: Robotics

Model files



iq_pin_to_pegboard.f3d



iq_pin_to_pegboard.stl



iq_pin_to_pegboard.obj

[Find source .stl files on Thingiverse.com](#)

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