



Snap on hook base for 1" wire shelf post pole

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Summary

Base part for designing prints that snap onto the vertical posts of foodservice-style wire shelving.

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This part (at least when printed into ABS) will snap onto the vertical posts of foodservice-style wire shelving and lock into the horizontal groove. It doesn't actually do anything, but serves as a base from which to model other parts.

This is for the style of shelving consisting of wire shelves supported by 1" diameter posts with regular grooves and secured in place with plastic clips. Typically they are finished in chrome or black epoxy and they are often advertised as NSF-certified.

It is a badly hacked together FreeCAD model that will probably explode if you try to edit its components, but seems to work fine as a base feature for further modelling. I have not tested it in filaments other than ABS, but when printed in ABS it works as designed and I have already used it to model a headphone hook. I recommend that the portion containing the ring that sits in the groove on the post be printed at 0.15 layer height or finer.

Model files



wire-shelf-post-clip-style-base.fcstd

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