



Vise end for Fuller Vise Clamp



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updated 12. 7. 2023 | published 12. 7. 2023

Summary

Vise end for a FULLER Innovak Speed Clamp 2.5X6-in

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I broke the end of my Fuller 2.5x6-in speed clamp with my Herculean strength... I thought, about just tossing the clamp the then it occurred to me that this would present a nice challenge for a 3D design as it would not be an easy design.

Trying to figure out forces, shear strength (at layer lines), material strengths... after 5 successively better attempts to make this clamp end, I can say this one is better than the one that originally came from the store.

you will need two M5x25mm bolts and a couple of nuts. If you want to use locking M5 nuts, you will likely need to lengthen the screws.

I was able to reuse the padding on the clamp and one of the nuts, but I had to source the bolts and nuts (from my spares drawer), you may want to use washers as well.

The pictured item was printed in ABS filament.

5 walls, 5 top and bottom layers with 55% infill (Magic 5 settings :)

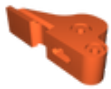
I may also give a tuff PLA or CF filled filament a try in future.

If you make this, and if it is not too much trouble, please leave me some feedback, details and a picture of your make

Cheers,

Dan

Model files



vise-end-for-fuller.stl

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