



Universal Tool Mount for MPCNC Primo (M5 screws!) [Originally by HicWic]



BroknP

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Summary

Adapted the Universal Mount from HicWic to M5 screws and gave it some reinforcements

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I was looking for an M5 screw Universal tool mount (from HicWic) for the MPCNC Primo but could not find any.

So I used the SCAD model from GeoDave to create the basic model and Fusion 360 to make some adjustments:

- **Fit M5 round-head screws** (mine are 15mm long, head: 10mm diameter & 4mm thick)
- Increased wall-thickness for durability

- Added some chamfer at the top for easy tool changes
- Rounded back and corners for durability and printing
- Reinforced back-walls of the screws (there is still sufficient space for 4x M3 lock nuts to secure the tools)
- Screw hole spacing is set to 75mm (as given in the original documentation <https://docs.v1e.com/mpcnc/PZPage/>)

PRINTING:

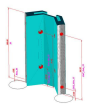
Printed in PETG with 3 walls (0.6mm nozzle) and 20% rectilinear infill (+alternate extra wall). Feels durable :)

I also remixed a drag knife holder: <https://www.printables.com/model/742388-mpcnc-universal-mount-for-roland-style-drag-knife->

And highly recommend this Pen Holder: <https://www.thingiverse.com/thing:4003573>

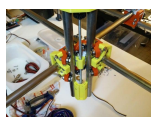
♥ If you have questions or like this print, consider leaving a like, comment or a make. Thank you! ♥

This remix is based on



Customizable 525 MPCNC "C-23.5mm OD" Remix of HicWic Universal Mount

by GeoDave



Universal Mount 525 for MPCNC

by HicWic

Model files



universalmpcnc_f25_m5screws.stl

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