



# Precision Screwdriver/Multi Tool Kit Replacement Handle

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## Summary

A replacement handle for common precision screwdriver kits (e.g. iFixit). Provides better grip as well.

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[precisionscrewdriver](#)

A quick and cheap, 3D printable alternative/replacement for common precision screwdriver multi-tool kits.

The design uses M3 Hex Nuts inserted within the collet as its main structural component to prevent the tool head from rounding out the collet if it were to be fully 3D printed.

Designed for a hex base tool head with measured 3.93mm width, clearance has been included in the design, however the fit may depend on the tool head you might have as well as other print factors such as your printer's calibrated flow rate.

Parts in the image were printed on a Prusa MK3S+ with PETG.

Please enjoy the model and I hope you find a use for it! Happy making!

if you liked my design and would like to support my journey as a budding and passionate mechanical engineer and maker at heart. Please consider buying me a coffee! Even the smallest amounts help me greatly in my journey! :D

<https://www.buymeacoffee.com/danielgjs>

## Model files

hex-tool-handle.stl



hex-tool-collet.stl



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