

3D MODEL ONLY



Kids Toy Screwdriver Handle (9 mm square bit)



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updated 22. 10. 2026 | published 22. 10. 2026

Summary

Kid-sized ergonomic screwdriver handle for a 9 mm square bit, with grip flutes, safety collar and optional magnet.

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Tags: [toy](#) [parametric](#) [tool](#) [handle](#) [magnet](#) [kids](#) [bit](#)
[screwdriver](#) [openscad](#) [ergonomic](#)

A kid-friendly, ergonomic toy screwdriver handle for a 9 mm square bit. It has a rounded palm swell and pommel, a finger waist, a forward safety collar so fingers do not slip, six tactile grip flutes, a tapered lead-in that guides the bit in, and an optional internal pocket for an 8 × 3 mm disc magnet to hold the bit.

- 80 mm long, 38 mm diameter
- 25 mm deep socket, 0.3 mm clearance per side

Customize it in your browser

This model is fully parametric. Change bit_width, bit_clearance, handle_length, the number of flutes, or turn the magnet pocket off. Open it in the free OpenSCAD Playground, change the numbers and export your own STL: [Open it in OpenSCAD Playground](#)

Source

The OpenSCAD source and the rest of my models are on GitHub:
github.com/SinaChavoshi/3d_printer_agentic_models

Designed with AI assistance in OpenSCAD.

Model files



toy_screwdriver_handle.stl

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