



Scalpel handle



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Summary

A handle to put around the Swann Morton number 3 scalpel handle to increase grip and reduce fatigue. Really handy if...

[Hobby & Makers](#) > [Tools](#)

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A handle to put around the Swann Morton number 3 scalpel handle to increase grip and reduce fatigue. Really handy if you use this scalpel for diy project and cut cardboard or other materials for hours.

How I Designed This

Fusion 360, meshroom, clay

V2_ adapted scale stl

I modeld a rough comfortable shape in clay around the existing scalpel, which I scanned with the help of meshroom and my iphone. I imported the scanned mesh in fusion 360 where I used it as guide to model a perfect and smooth T-spline body. I converted it to a Brep body to substract a scalpel model I found online to get a perfect fit. And finaly sliced the part in two. Fusion converted it to a high resolution mesh (with crisp edges enabled).

Category: Hand Tools

Model files



scalpel_handle_v3.step



half_1_v2scale.stl



half_2_v2scale.stl



scalpel_handle_v3.f3d



mesh_a.stl



mesh_b.stl

[Find source .stl files on Thingiverse.com](#)

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