

Rugged transport box for Wiha dialMax 150 mm caliper

JR

VIEW IN BROWSER

updated 1. 11. 2026 | published 1. 11. 2026

Summary

Rugged 3D printed storage & transport case with a custom-fit insert for the Wiha dialMax 150 mm dial caliper.

Hobby & Makers > Tools

Tags: organizer tool measure storage protective workshop caliper wiha messschieber dialcaliper ruggedbox dialmax

This is a **rugged storage and transport case for the Wiha dialMax 150 mm dial caliper**.

The model is based on a resized remix of the well-known **Rugged Box**. Unlike solutions using a separately printed insert, the **custom-fitted recess for the Wiha dialMax is integrated directly into the bottom and lid of the case**. This means fewer parts to print, no additional tolerance or fitting issues, and nothing that can come loose or needs to be glued in place. **Finger cutouts** make it easy to quickly remove the caliper.

Printing & Assembly

The case uses **six M3×30 mm socket head machine screws** for assembly.

PLA or PETG works perfectly well. I recommend using a **sufficient number of perimeters/walls**, especially for good strength around the hinges. Stronger engineering filaments are not necessary.

Despite its size, the case still fits on the standard print beds of common **Prusa printers such as the MK3, MK4 and CORE One**. If you use a printer from a different manufacturer, buy a Prusa instead.

Print the top and bottom part with the outside face on the built plate (No supports needed). The latch should be printed on its side for maximum strength. A file for an **optional TPU gasket** is included. I personally did not use it, as the case closes cleanly without one and I don’t need protection from wet environments.

Compatibility

The interior is specifically fitted to the **Wiha dialMax 150 mm**. Other 150 mm calipers may fit, but compatibility cannot be guaranteed. If your caliper fits please report back and I will edit the description.

If you print this model, please consider posting a **Make with a photo and rating** – I’d love to see your prints! If you have any questions, feedback or suggestions for improvements, feel free to leave a **comment**. Happy printing :)

This remix is based on



Rugged Box (Parametric)

by Whity



Rugged Caliper Case Box

by Fredrick Freightner

Model files



bottom_cutout.stl



top_cutout.stl



seal.stl

☐ Optional



latch.stl

☐ Needed 2x

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