



Internal gauge: 35 to 50 mm

P Paul 3D_4_Fun

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Summary

Slide apart disc halves with measuring scale to measure inside bore diameter.

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I needed to measure the diameter of a basin drain, but the curved bowl prevented direct measurement with a ruler or digital calipers. The base diameter of this gauge is 35mm and the sliding edge moves next to a mm scale of length 15mm. Opposite the main scale is a shorter scale, spaced 0.5mm along, to increase the measuring resolution.

I inserted a manual colour change during slicing and added a cylinder to be a wipe tower, so the inevitable blob of the new colour wouldn't land straight on the measuring scale!

I printed it on my Mk4 at 0.10mm FAST DETAIL without supports except I added a brim to the cylinder. Printed in PLA.

Model files



sliding-disc-35-plus.3mf



sliding-disc-35-plus.stl

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