



Screw measuring tool, imperial



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Summary

A tool to measure Imperial or English screws and bolts.



10.31 hrs



2 pcs



0.20 mm



0.40 mm



PET



107 g



Prusa
MK3S/S+ &
MMU2S

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Tags: [measurementdevice](#)

Based on the metric versions developed by users Boogie and Sneaks, this version is meant to help measure and sort Imperial fasteners, from #2 up to 1/2" in diameter and up to 6 inches long. It was designed in Onshape.

Printing Instructions

- 0.2mm layer height
- No supports
- Gyroid infill @ 15%
- PETG

For the non-embedded version, you can add a color change at layer height 13.00mm and print the raised letters in a different color. I used my MMU2S and added a color change at the 13.00 mm layer. If you use the MMU2 gcode file, the body is allocated to filament #2, and the letters filament #1. For the embedded version, the letters are embossed into the part (flush upper surface), so I used my MMU2S to do the color changing. There are three tool changes for this version.

Changing Colors with PrusaSlicer

PrusaSlicer Color Change

Model files



screw_measuring_tool_imperial_fine.stl



screw_measuring_tool_imperial.3mf



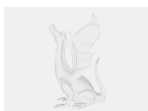
screw_measuring_tool_imperial.step



screw_measuring_tool_imperial_embedded.stl



screw_measuring_tool_imperial_embedded.3mf



screw_measuring_tool_imperial_embedded.step

Print files



screw_measuring_tool_imperial_02mm_petg_mk3smmu2s_5... .gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 5.06 hrs ⚖ 54 g 🖨 Prusa MK3S/S+ & MMU2S



screw_measuring_tool_imperial_embedded_02mm_petg_mk... .gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 5.25 hrs ⚖ 53 g 🖨 Prusa MK3S/S+ & MMU2S

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