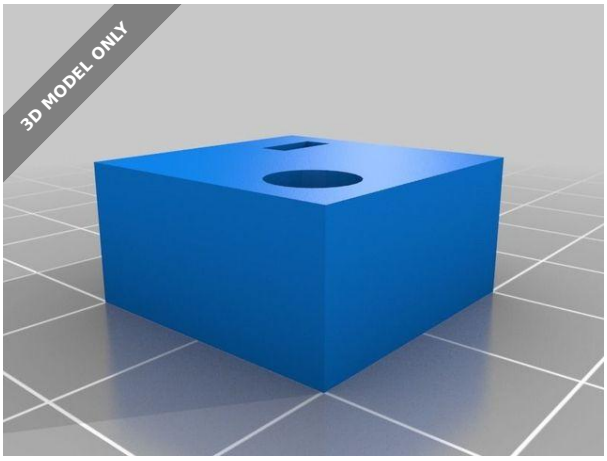

Calibration Block with Countersunk Hole and Slot

TechnoSwiss

VIEW IN BROWSER

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Summary

Calibration Block with Countersunk Hole and Slot to catch problems with elements inside perimeter of object.

3D Printers > Test Models

Tags: calibration

Calibration Block with Countersunk Hole and Slot to catch problems with elements inside perimeter of object.

Instructions

I took the 20mm block from Spacexula's calibration set and added a countersunk screw hole for a M3 socket-head screw, and a slot for a M3 nut to be able to check my bots ability to accuratly do inside holes and slots in an object.

Edit: (from algspd's comments below, I updated the object to use values that should produce a snug fit, the old values were the nominal diameters for an M3 socket-head screw)

The head diameter is 5.89mm and the shaft diameter is 3.06mm, this should produce a snug fit. I created this calibration block to test the

accuracy of the inside diameter of a hole on a Printrbot Plus, from a SketchUp file.

Category: 3D Printing Tests

Model files

calibration_cube.skp

calibration_cube.stl

Find source .stl files on Thingiverse.com

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