



## Fit and Tolerance Test Kit



SgtPorkys BaconPants

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### Summary

This fit and tolerance kit will account for your printer's tolerances and help you pick the right fit for your model

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Tags: [functional](#) [fit](#) [tolerance](#) [tester](#)

In 3D modeling and 3D printing, fit and tolerances play crucial roles in determining the quality, functionality, and accuracy of the final printed object. Designing for the appropriate fit is critical to ensure that parts can be assembled as intended. This fit and tolerance kit will account for your printer's tolerances and help you pick the right fit for your model. Just place the reference block over the raised portion of the test kit to determine the appropriate fit you want for your model. Offset dimensions are 1mm, .95mm, .9mm, .85mm, .8mm, .75mm, .7mm, .65mm, .6mm, .55mm, .5mm, .45mm, .4mm, .35mm, .3mm, .25mm, .2mm, .15mm, .1mm, and .05mm.

# Model files



**fit-and-tolerance-rectangular-whole.stl**



**fit-and-tolerance-rectangular-half.stl**



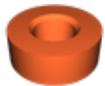
**fit-and-tolerance-reference-tester-rectangular.stl**



**fit-and-tolerance-round-whole.stl**



**fit-and-tolerance-round-half.stl**



**fit-and-tolerance-reference-tester-round.stl**

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