



# Metal Ruler Caliper Gauges



Ghrrum

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## Summary

Should fit most large metal rulers and yardsticks found in the US. Uses an M5 nut and bolt for a set screw.

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[rulers](#) [verniercalipers](#) [rulerstop](#)

I made these to convert the multiple 4ft rulers around the office into vernier calipers, you're not going to get 0.001" accuracy, but it will do the job.

Larger one has an opening measuring 53mm x 3.5mm

Smaller opening measures 35mm x 2mm

Stretch and shrink as needed.

You will need to slice or pause after layer 100 to insert an M5 nut.

Here's what I use since I'm running a printer with Marlin firmware, your milage may vary:

G0 X20

G0 Z 180

M104 S0 T0  
M109 S100 T0  
M107  
M0 ADD M5 NUT  
M104 S215 T0  
M109 S215 T0  
M106

This gets the gantry and print head out of the way and let the print head cool down if you're like me and walk away from your printer and forget about it on occasion.

## Model files



**metal-ruler-marking-gauges-v4.stl**



**metal-ruler-marking-gauges-v4.step**



**metal-ruler-marking-gauges-v4.f3z**

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