



Angle template tool



powerscripter

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Summary

This angle measuring ruler is arbitrarily expandable, a foldable universal opening finder, according to your requirement

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General:

The angle template ruler can create a multi-angle layout in seconds, which you can use to measure and mark tile, stone, wood, laminate and so on.

This video inspired me to make the design, you can see very nicely how it should be used.

Of course it is only one way to use it but it shows very clearly what is possible.

The video is not mine so all credits go to the author.

You can print as many arms as you want and connect them, if you want I can create even shorter arms so you can work in smaller areas with the tool. (let me know)

For each arm you should print a nut knob (all three versions are compatible).

For the connecting parts I used M5 bolts (M5X20) and the matching nuts. As a marking tool, the hole finder with the respective diameters or the cross hair insert can be used.

The arms are made with metric and imperial scales, for the best readability I recommend a multi-material print with contrasting colors.

Model files



top-arm.stl



bottom-arm.stl



knob-v1.stl



knob-v2.stl



knob-v3.stl



finder.stl



finder-insert-50mm.stl



finder-insert-45mm.stl



finder-insert-40mm.stl



finder-insert-25-mm.stl



finder-insert-cross-hair.stl

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