

Round Nob / Door Handle Extension for public areas (avoid contact due to Corona)

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Summary

Extension for a round door nob (ball 50mm, shaft 20mm) to avoid contact when opening the door. STEP file included for...

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Tags: [corona](#) [coronavirus](#) [coronavirusdefend](#) [extension](#)

Extension for a round door nob (ball 50mm, shaft 20mm) to avoid contact when opening the door. STEP file included for adaption to other sizes of door nobs

Use 2x M4 screws and nuts (M4x10 should work) to fix both items at your door nob

Update:

added **shell** design in case the items are rotating... (see pic3+4)

Print Settings

Printer:

Alfawise U30pro

Rafts:

Doesn't Matter

Supports:

Yes

Resolution:

0,2mm layer height

Infill:

40%

Filament:

Nothing special... ABS or PETG

plain

Notes:

Print this in a high stable material like ABS or PETG, maybe somebody has some carbon fibre improved stuff

Fun to see Alfawise has not been added as printer brand yet :P

Post-Printing

Screws for assembly

the design features 2 M4 screw holes for assembly - so the connection / fixation should be as tough as possible, since the round design might be turning around the nob... in case you have some brackets at your door, feel free to adapt the STEP file to fit your needs

Once assembled to the door nob you can use your arm to open the door

Category: Household

Model files



upper_part.stl



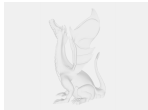
ref_nob.stl



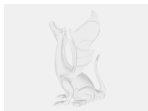
lower_part.stl



shell.stl



corona_door_handle_round_v2.step



corona_door_handle_round.step

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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