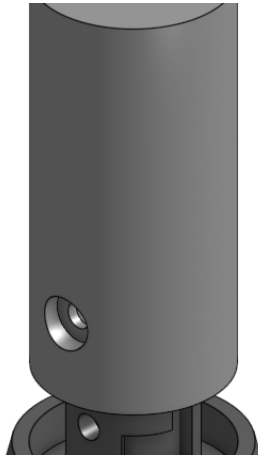


3D MODEL ONLY



Wall Anchor / Furniture Spacer



reemo3dp

[VIEW IN BROWSER](#)

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Summary

A two-piece wall anchor that locks in place using a horizontal M3 screw and a M5 screw with a nyloc nut.

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Tags: [wallmount](#) [spacer](#) [anchor](#) [wallspacer](#) [wallanchor](#)

I needed a wall anchor bridging ~50mm that may be taken off but is fast to reattach so I came up with this:

The Base is screwed into the wall using a 3.5-4mm countersunk screw. The Spacer is mounted to the furniture piece using a M5 screw and a nyloc nut. Both pieces are screw-fit together and then locked in place using a M3 screw and a regular nut.

Required Material

- M5 Screw (10mm+)
- M5 Nyloc Nut
- M3 Screw (20mm for the thin version, 25mm for the thicker version)
- M3 nut

Print Settings

- PETG, supports for the spacer pins and for the grooves on the base

Assembly

1. Insert the M3 nut into the side of the base
2. Mount the base to the wall
3. Prepare the spacer by inserting the nyloc nut (a screwdriver can help guide the nut). To prevent the nut from falling out, use a M5 screw and screw it on tightly before final assembly. That will force the nut to remain in place. Remove the screw.
4. Loosely mount the spacer to the furniture piece
5. Attach & rotate the spacer to the base and fix it using the M3 screw
6. Tighten the M5 screw securing the furniture piece

Model files



wall-anchor-collection-m5-m3.step



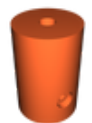
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wall-anchor-collection-m5-m3-spacer_40h_23od.stl



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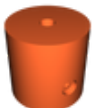
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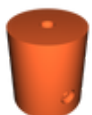
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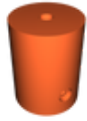
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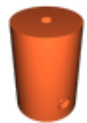
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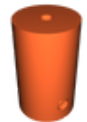
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