



Climbing Hold Fridge Magnets



Rauks

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Summary

Turn your fridge into a mini indoor climbing wall.

[Household](#) > [Home Decor](#)

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Turn your fridge into a mini indoor climbing wall.

Featuring **10 different climbing hold shapes**, available in **2 sizes**, with optional climbing anchors to complete the look.

The holds use magnets on the back and either real M3×4 mm / M3×5 mm SHCS screws or printed screw heads for a realistic appearance.



Glue is needed to secure the screws and magnets in place.

Bill of Materials

You will need:

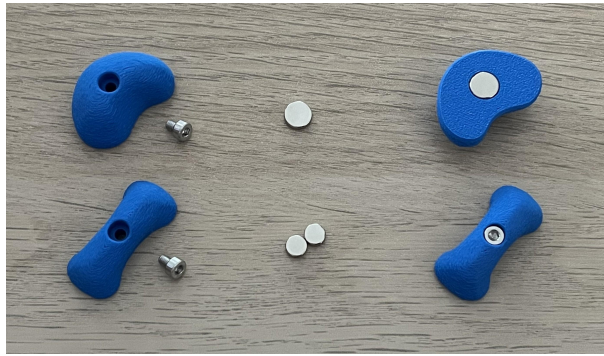
- **M3×4 mm SHCS Screws** or **M3×5 mm SHCS Screws**, DIN 912 / ISO 4762, one per hold.
Alternatively, use the included printed screw heads.
- For the 10 **regular** sized holds set:
 - **Ø6×2 mm Round Magnets** (2)
 - **Ø8×2 mm Round Magnets** (9)
- For the 10 **large** sized holds set:
 - **Ø8×2 mm Round Magnets** (2)
 - **Ø10×2 mm Round Magnets** (9)
- **Some glue**



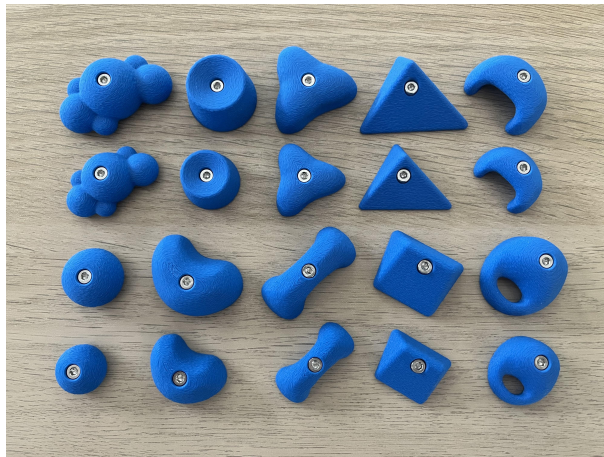
Instructions

Each magnet consists of:

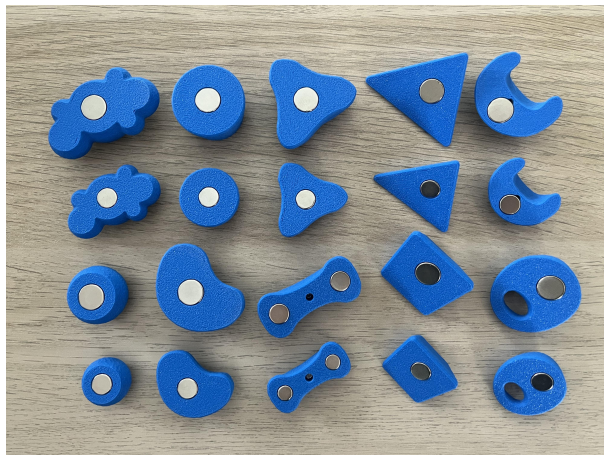
- 1 printed climbing hold
- 1 M3 screw (or printed screw head)
- 1 or 2 magnets, depending on the hold



Glue the screw or printed screw head into the hold and let the glue dry.



Then glue the magnets onto the back of the hold.
Let the glue dry completely before placing the magnets on your fridge.



Climbing Anchors

Optional climbing anchors magnets are available to complete your miniature climbing wall.

Each anchor consists of:

- 1 printed anchor
- 1 Ø6×2 mm magnet

You just need to glue the magnet onto the back of the anchor.



Printed Screw Heads

Printed screw heads are included as an alternative to real M3 screws.



Simply glue them into the holds, following the same assembly instructions.

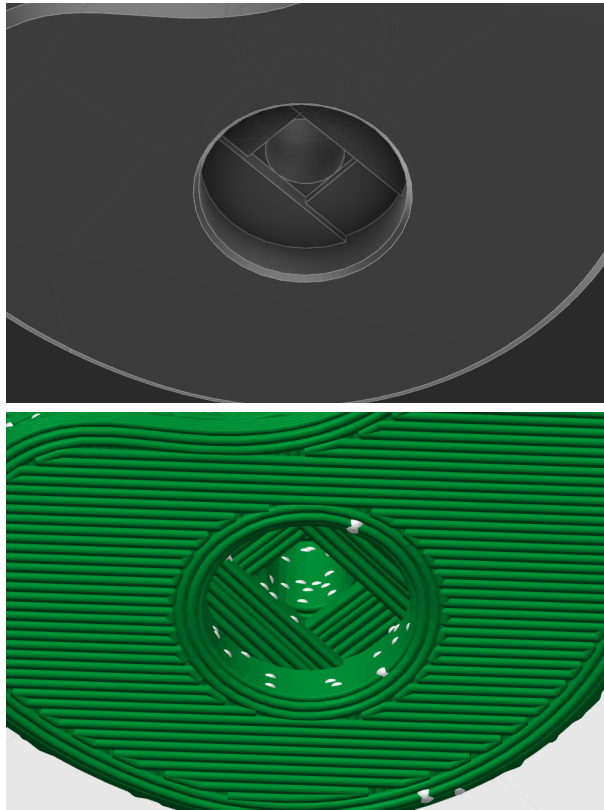


Printability

This model is made for FDM 3D printing:

- No excessive overhang on any hold.
- Built-in sequential bridging for the magnet holes (no supports required).

All holds also accommodate longer screws when used without magnets, allowing them to be reused or remixed for other projects.



Printing recommendations

- If you experience adhesion issues, **make sure your build plate is thoroughly cleaned.**

For the holds

- Use a **0.2 mm or 0.4 mm nozzle** with the **Arachne wall generator** enabled.
- Use **0.08mm or 0.12mm layer height** for for best results, as the model includes many rounded surfaces and gentle slopes.
- Use a **random seam position**.
- **Enable** the **Fuzzy Skin** setting in your slicer for a more realistic climbing hold texture. Recommended settings:
 - **Fuzzy Skin Mode:** Contour (or Painted, with only the hold surface painted)
 - **Fuzzy Skin Point Distance:** 0.6mm
 - **Fuzzy Skin Thickness:** 0.2mm

For the printed screw heads

- Use **0.20mm layer height** for the printed **Screw Heads**.
- Enabling the **Arachne wall generator** helps with the screw hole.

For the anchors

- Use a **0.2 mm or 0.4 mm nozzle** with the **Arachne wall generator** enabled.
- Use **0.08mm or 0.12mm layer height** for for best results, as the model includes rounded surfaces.
- Use Silk Silver filament for a more realistic look (or Silk Bronze for some suspicious-looking anchors).

Display recommendations

- The **30 holds** plate (20 regular, 10 large) fits well if you want to create a bottom to top route for a regular sized fridge.
- **Please do not tilt your fridge to create an overhang**, even if it's tempting.



Model files



Large Holds

10 files



hold_cloud_large.step



hold_jug_large.step



hold_pinch_large.step



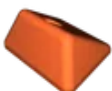
hold_pocket_large.step



hold_round_large.step



hold_sloper_large.step



hold_square_large.step



hold_triangle_large.step



hold_tricorn_large.step



hold_yogourt_large.step



Regular Holds

10 files



hold_cloud.step



hold_jug.step



hold_pinch.step



hold_pocket.step



hold_round.step



hold_sloper.step

hold_square.step



hold_triangle.step



hold_tricorn.step



hold_yogourt.step



climbing-hold-magnets.3mf



screw-head.step



anchor.step



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