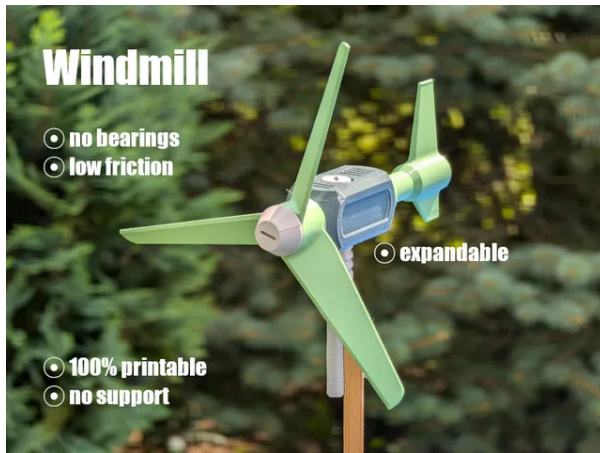




Windmill - 100% printable - no support - no bearings - low friction - video



PRINTER

[VIEW IN BROWSER](#)

updated 11. 7. 2025 | published 11. 7. 2025

Summary

Complete printable windmill which is easy to assemble and expandable with other parts.



4.09 hrs



7 pcs



0.20 mm



0.40 mm



PET



38 g



Prusa MINI /
MINI+

[Household](#) > [Outdoor & Garden](#)

Tags: [toy](#) [spinner](#) [toys](#) [kids](#) [kid](#) [garden](#) [hobby](#)
[screw](#) [bearing](#) [spinning](#) [outdoor](#) [wind](#) [windmill](#) [fin](#)
[rotor](#) [wings](#) [friction](#) [breeze](#) [balcon](#)

Windmill - 100% printable - no support - no bearings - low friction - video

Complete printable windmill which is easy to assemble and expandable with other parts.

You need a screwdriver for assembling?

Dimensions

- Length 127 mm
- Diameter 160 mm

Settings Body & Fin & Bar:

- 2 perimeter
- 0,2 layer high
- 15 % infill
- no support

Settings Rotor:

- 3 perimeter
- 0,2 layer high
- no infill
- no support

Settings Screws:

- 2 perimeter
- 0,2 layer high
- 15 % infill
- massive infill thread area
- no support

Model printed with:

- Prusament PETG pistachio
- Prusament PETG anthracite grey
- Prusament PETG urban grey

Expandable Parts:

You can use some parts for other garden spinners.

Garden Spinners



Model files



windmill_rotor.stl

1x



windmill_rotor.3mf

1x



windmill_body.stl

1x



windmill_body.3mf

1x



windmill_fin.stl

📄 1x



windmill_fin.3mf

📄 1x



windmill_bar.stl

📄 1x



windmill_bar.3mf

📄 1x



windmill_screw_rotor.stl

📄 1x



windmill_screw_rotor.3mf

📄 1x



windmill_screw_fin.stl

📄 1x



windmill_screw_fin.3mf

📄 1x



windmill_screw_bar.stl

📄 1x



windmill_screw_bar.3mf

📄 1x

Print files



windmill_rotor_04n_02mm_petg_miniis_31m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.52 hrs ⚖ 8 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_body_04n_02mm_petg_miniis_41m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.68 hrs ⚖ 12 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_fin_04n_02mm_petg_miniis_43m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.71 hrs ⚖ 6 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_bar_04n_02mm_petg_miniis_1h1m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 1.02 hrs ⚖ 6 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_screw_rotor_04n_02mm_petg_miniis_30m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.49 hrs ⚖ 3 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_screw_fin_60_04n_02mm_petg_miniis_27m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.46 hrs ⚖ 2 g 🖨 Prusa MINI / MINI+

📄 1x



windmill_screw_bar_04n_02mm_petg_miniis_13m.bgcode

⚙ PET 📏 0.40 mm ≡ 0.20 mm ⌚ 0.21 hrs ⚖ 1 g 🖨 Prusa MINI / MINI+

📄 1x

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