



Cardboard Spool Core - 54mm Diameter



DIYGarage_SoCal

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Summary

Printable spool adapter allows cardboard spools to roll on spool holders made with roller bearings.

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This spool core adapters allow cardboard spools to roll more easily on spool holders made with roller bearings. Some cardboard spools have an inner lip that prevents roller bearings from making contact with the inner surface of the spool. Just slide this print into the middle of your spool to reduce rolling resistance on your spool holders. If the tube portion of the simple adapter is too long you can adjust its height in your slicer by printing to your desired Z height. You can also modify the tube diameter in your slicer to fit the spools you have. A second cardboard spool core with retention clips is also available.

Cardboard Spool Adapter - Simple

Dimensions:

- Tube Height - 75mm
- Tube Outer Diameter - 54mm
- Tube Inner Diameter - 50mm
- Lip thickness - 1.5mm
- Lip Diameter - 70mm

Print Settings

- Walls/Perimeters: 3-4
- Top/Bottom solid layers: 3

Simple Spool Adapter- Retention

Dimensions:

- Tube Height - 75mm
- Tube Outer Diameter - 54mm
- Tube Inner Diameter - 50mm
- Lip thickness - 1.5mm
- Lip Diameter - 70mm

Print Settings

- Walls/Perimeters: 3-4
- Top/Bottom solid layers: 3

Model files



cardbard-spool-adapter_retention-54mm.3mf

☐ With Retention clips



cardbard-spool-adapter_simple-54mm.3mf

☐ Simple core without retention clips

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