



Rotelle: Reinforced Arbor Ring for Cardboard Spools

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Summary

Add a liner to the inner arbor of your cardboard spools to prevent excess dust and minimize friction.



0.10 hrs



2 pcs



0.20 mm
0.15 mm



0.60 mm
0.40 mm



PET



1 g



Prusa
MK3/S/S+

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[protopasta](#) [repbox](#) [repkord](#) [reprack](#) [spool](#) [spoolholder](#)

Ever notice how cardboard spools leave that fine dust on your spool holder over time due to the cardboard degradation? Cut down the friction and let your cardboard spools spin freely again.

Works great with Repkord [RackStands](#) and also a great companion to [Repkord Rotini](#)

Currently sized for ProtoPasta Spools but parametric model to be uploaded shortly to apply this technique to others.

Model files



p4cardboard-inner-ring.3mf

☐ PRINT VASE MODE



p6inner-ring.3mf

☐ PRINT VASE MODE



cardboard-ring-inner-v5.stl

☐ PRINT VASE MODE

Print files



p6inner-ring_06n_02mm_petg_mk3s_6m.gcode

PET 0.60 mm 0.20 mm 0.10 hrs 1 g Prusa MK3/S/S+



p4cardboard-inner-ring_015mm_petg_mk3s_8m.gcode

PET 0.40 mm 0.15 mm 0.13 hrs 1 g Prusa MK3/S/S+

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