



110/16mm Film Development Reel - v1 (Nikor/Stainless-fit)



thinbegin

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Summary

Dev reel for 110/16mm format film. Designed to process 110/16mm films in Nikor & other stainless steel model tanks

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I shoot and home-develop a lot of different film formats, and I found myself unsatisfied with the “solutions” I had for developing 110 film. I made a version specifically for my Jobo dev tanks, and got a lot of feedback from people asking Paterson and Nikor/Stainless Steel versions, so I've done them all. This one is for Nikor/Stainless Steel tanks.

After a lot of measuring of different steel tanks from different manufacturers (that I personally had available), I landed on the most universal size for these, and this is the result. It should fit your stainless steel tank, but if you find it doesn't I'd love to hear about it, since there

were so many variations (those tanks were not at all “normalized” into a standard), that there's always the chance of an outlier.

Obviously this is being offered here so that people can make one for themselves (if you do, please let me know!), but if you would like me to print one for you, I'd be happy to for a reasonable price. Just email me and we can hash out the details.

To see actual prints of my design, check out the “Makes” tab (I print basically everything I design.)

Print instructions

Printer: Any (I used a MakerFarm Pegasus 10)

Rafts: None

Supports: None

Resolution: 0.2mm

Print Speed: 40-50mm/sec (The slower the better)

Infill: 20%

Filament: Any PLA (I used eSun)

Nozzle temp: 205-220°C (Find your filament's sweet spot, mine was 210°)

Bed temp: 55-65°C (Find your filament's sweet spot, mine was 60°)

Notes:

Brim: If you find your print warping/curling at all, a brim will help. I found a brim wasn't necessary, but your situation might be different

Post-Printing

Nothing special for post-printing. Just basic removal of the brim (if used). Also, depending on your printer's tolerances. All printers tolerances are slightly different in my experience, so keep that in mind and tweak if necessary

Model files

01-female.stl



02-male.stl



Other files



readme.txt

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