



## LM8UU Linear Bearing Puller



TechnoSwiss

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### Summary

I created this to pull the lm8uu linear bearing out of the carriages on my Monoprice Mini Delta. It also worked well...

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I created this to pull the lm8uu linear bearing out of the carriages on my Monoprice Mini Delta. It also worked well to seat the new bearings by pulling them in. It will probably work for other configurations using lm8uu linear bearings. It might not be strong enough for bearings press-fit into metal bearing blocks.

In addition to printing these 2 parts you'll need a 4" long 1/4 (110mm long 6 or 7mm but you might need to adjust the fit) bolt (I'd recommend one with a hex head instead of the pan head with slot I used, but it's what I had) a fender washer and 2 nuts.

Put the nut then washer, then the bolt side of the puller on the bolt. Place the bolt through bearing and then put the nut size print on and the final nut. Snug everything up by hand, then hold the head of the bolt solid while tightening the bolt next to the washer down to extract the bearing. If you're using this to seat the new bearing you might need a longer bolt if you can't push the new bearing in part way by hand.

Printed at 0.21mm layer higher and 40% infill with eSun PLA.

Category: 3D Printing

## Model files



**bearing\_extractor\_lm8uu\_nut\_side.f3d**



**bearing\_puller\_nut\_side\_v1.stl**



**bearing\_extrator\_lm8uu\_bearing\_side.f3d**



**bearing\_puller\_bolt\_side\_v1.stl**

[Find source .stl files on Thingiverse.com](#)

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