



GT2 40T Toothed Idlers



DoModel

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Summary

Toothed idlers for either 6mm or 9mm GT2 timed belts

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Couldn't find any 40t toothed idlers, and the other models I found didn't seem to have a good grip on the belt so I made these.

The 4mm bore ones are made to fit 2x F624ZZ Flanged Ball Bearing.

The 8mm bore ones are made to fit 2x F688ZZ Flanged Ball Bearing.

(both types are quite common and found on Creality printers)

Bearings are a snug fit into the print, should slide in with minimum force applied.

Print without support and just punch out sacrificial layers.

I printed mine from ABS, have been using them on a DiY printer build for close to a week now, so far they work great!

Model files



6mm-belt-8mm-bore.stl



9mm-belt-4mm-bore.stl



9mm-belt-8mm-bore.stl



6mm-belt-4mm-bore.stl

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