



Higher Torque 29T 48P Pinion Gear for 1/10 RC Touring Car (Kyosho FZ02 compatible)



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Summary

29T pinion compatible with the Kyosho Fazer FZ02 RC touring car. Provides additional acceleration over stock 32T pinion.

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29T pinion compatible with the Kyosho Fazer FZ02 RC touring car. Provides additional torque/acceleration over stock 32T pinion, at the expense of some top speed. Pitch is 48DP (48 teeth per inch of diameter) and should be compatible with other 48DP geared cars.

Use motor mount position 'A' for 29T.

Avoid PLA, it will warp when motor heats up. PETG or Nylon recommended. CF Nylon may be too abrasive. Use grease nonetheless. Reduce bed temperature or initial flowrate to prevent elephant's foot, which is especially important for this gear. Use random seam alignment. Do not print with brim. Printed with 0.2mm nozzle, 0.12mm layer height, at least 7 wall layers. It may work with 0.4mm nozzle and Arachne too.

Fit should be tight for a 3mm shaft with cutaway. If not tight enough, adjust hole in parametric file to your needs. Try not to scale file up or down as it will affect the gear meshing.

Model files



29t-gear-kyosho-v3.step



29t-48p_kyosho.stl

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