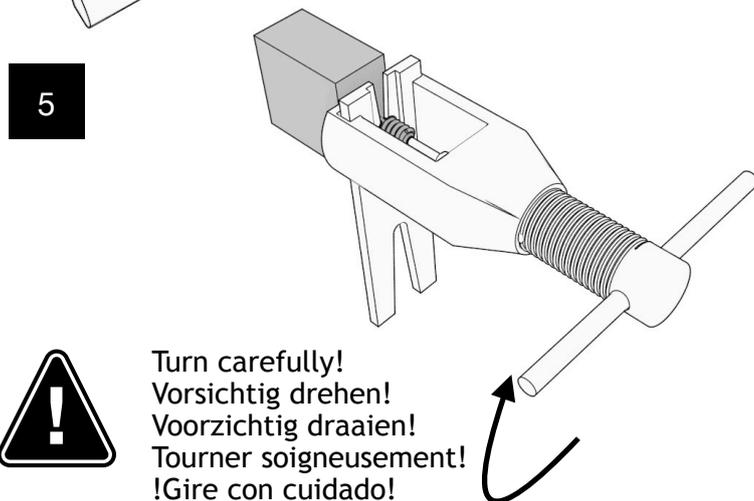
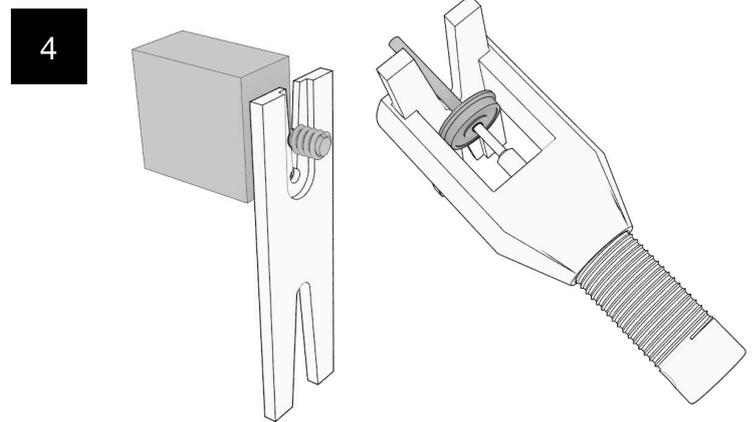
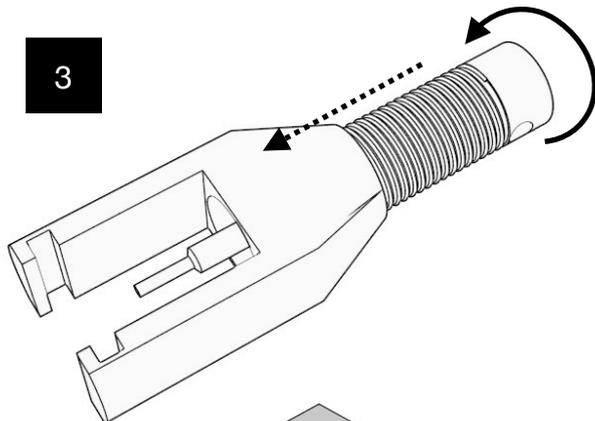
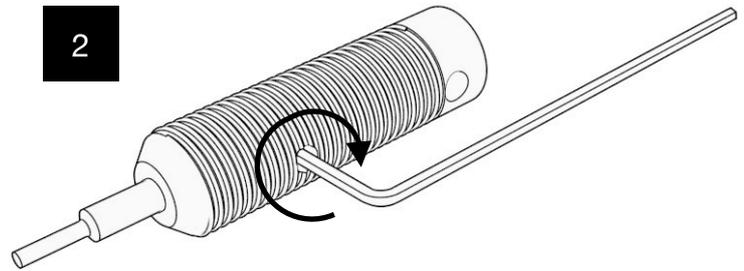
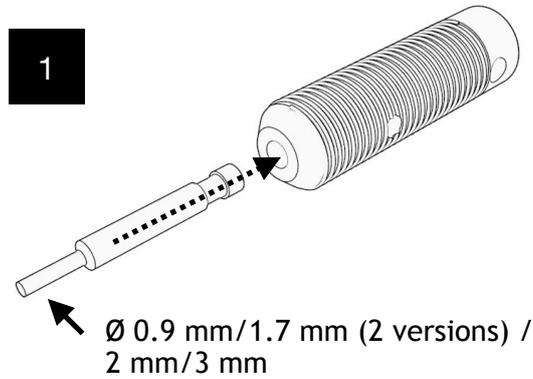


# Gear Puller instructions

Very useful, important and alternative tips on how to remove a worm successfully and without damaging it can be found at: [www.tramfabriek.co.uk/worm-removal.html](http://www.tramfabriek.co.uk/worm-removal.html) . Please read that webpage before using this tool, to avoid damaging it! Especially when you have to remove a **Minitrix worm**. For that, don't use this tool. The Minitrix worms are fixed so tightly, you will damage the tool. But the tool will still be useful, so check the link above for how to.



**Be careful with the smallest, 0.9 mm pin.** Too much force will break it. Turn in small steps, then turn back and turn again. Sometimes the glue is stronger than the pin: don't continue, but read the alternative methodes at: [tramfabriek.co.uk/worm-removal.html](http://tramfabriek.co.uk/worm-removal.html)

## More pin sizes available

The manufacturer of the gear puller does not supply a pin for removing items from an 1.2 or 1.5 mm shaft, two popular sizes in the model train hobby. The Tramfabriek has manufactured pins in the sizes 1.1 and 1.4 mm, perfect for this job. Also available is a longer 0.9 mm pin. You can purchase this from: [www.tramfabriek.co.uk/tools.html](http://www.tramfabriek.co.uk/tools.html)