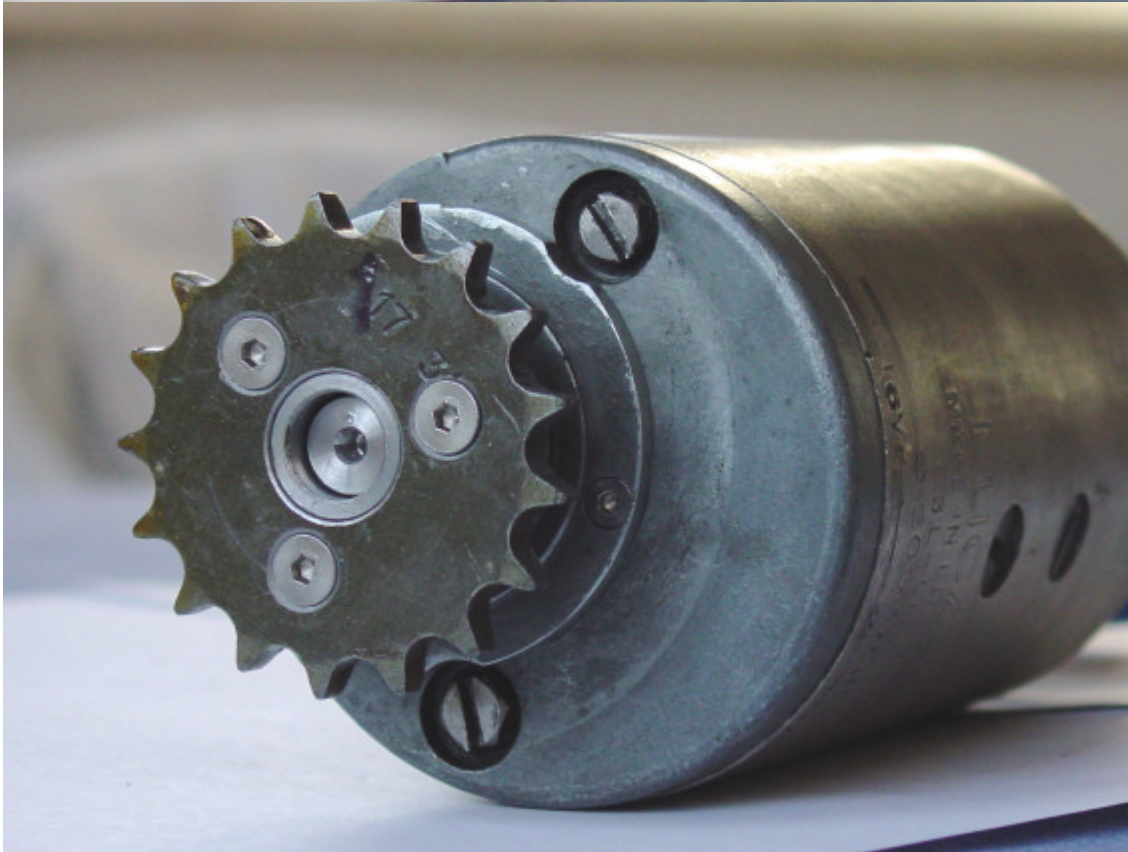
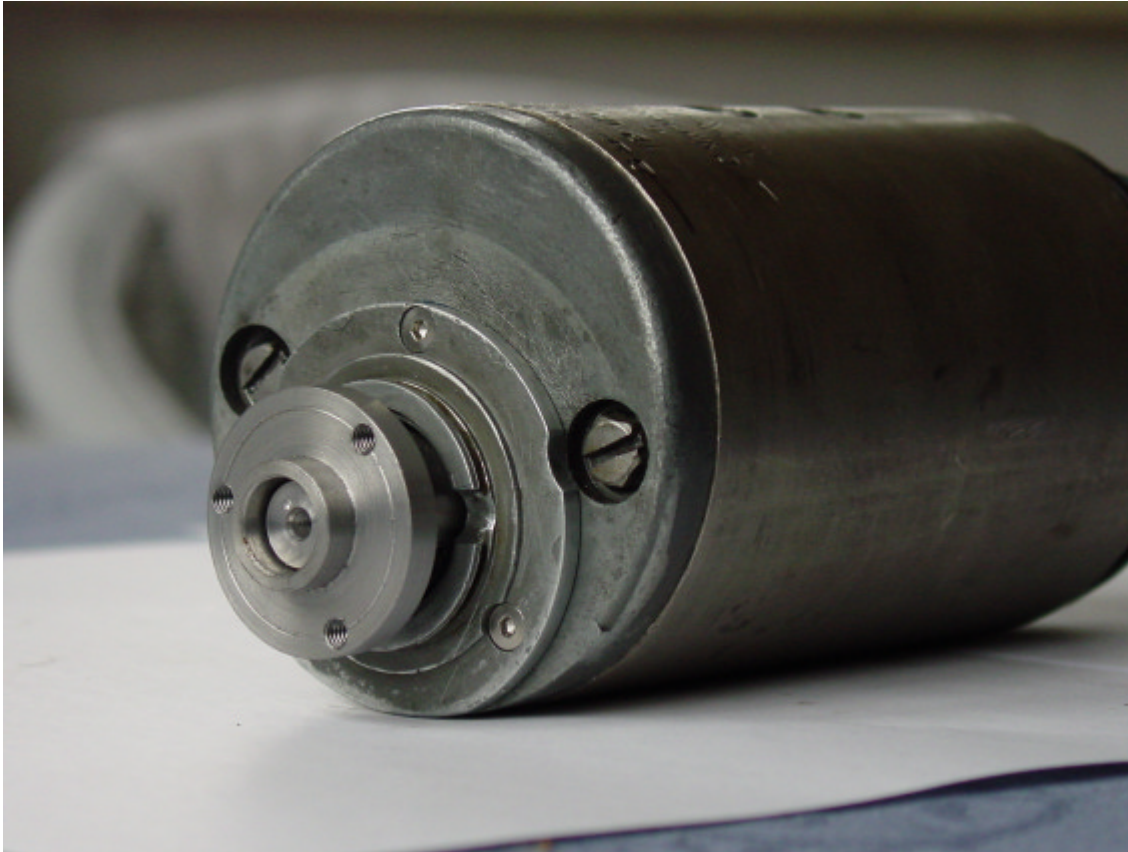
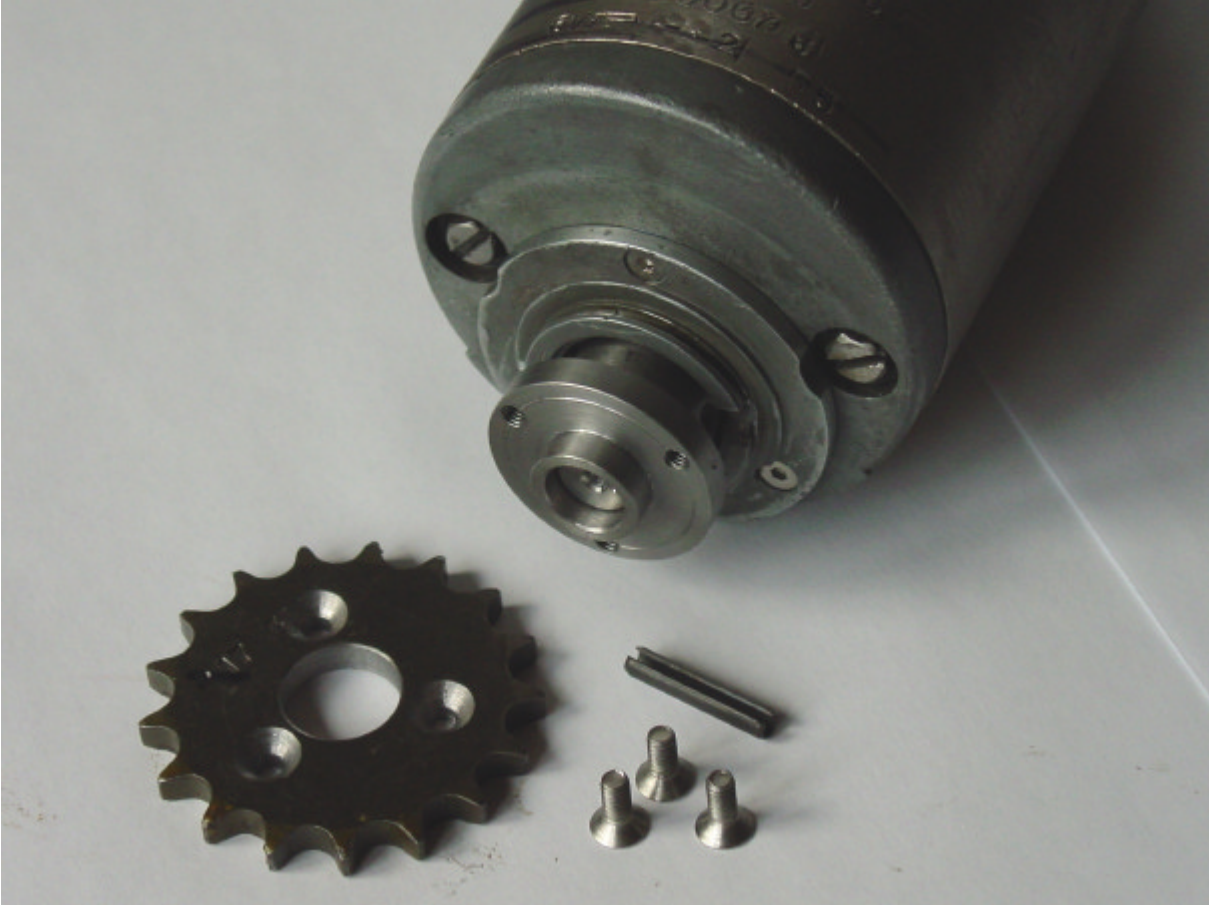


Jens Jacobs way around getting the longer E3L dynamo to fit the singles:

My solution make it possible to shorten the armature shaft and so the dynamo goes a little bit more to the left and fits between the gearbox. Also assembling is very much easier, because there is no taper seat. You fit the dynamo through the hole in the chain case with assembled sprocket carrier and then you need only three small allen screws and you can reassemble the sprocket with the endless dynamo chain to the dynamo shaft.





Sprocket Carrier for E3L Dynamo

Steps: Shorten the armature shaft (the length to be shorten depends from dynamo type and individual conditions) and process the diameter 11,5mm. The armature must true running in the lathe.
The diameter of 11,5mm should fit with the carrier at a close but just running sit.

Fit the carrier on the armature shaft of the fully assembled dynamo and drill carefully the hole for the roll pin through the carrier and exact through the centre of the shaft.

Tap in the roll pin

Put the dynamo in place at the machine, the carrier will fit through the hole in the tin chain case.

Put the endless sprocket together with the chain on the carrier and screw in the 3 allen screws, use a little Loctite.

Quarter Cut Away of Sprocket Carrier 2 : 1 (smooth steel)

