



ILM Double Rotor Gluing Guideline

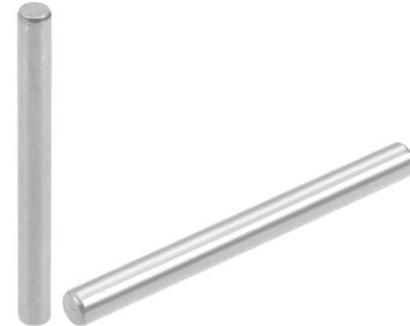


Required tools

Magnetic pole detector



Fitting pins



Gluing instructions

For some of the hall commutated versions, a double rotor is needed in order to achieve a prolonged rotor that can be detected by the hall elements.

Step 1:

Mark one or more north poles on each rotor.

Step 2:

Glue the first rotor on the shaft as described in our gluing guide of single rotor.

Step 3:

Insert the fitting pins in every second slot between the magnets of the glued rotor and secure them with an adhesive tape.

Step 4:

Prepare the second rotor in the same manner as the first rotor.

Step 5:

Glue the second rotor on the shaft – the fitting pins will help to keep the rotor in the radial orientation.

Step 6:

Secure the axial position of the second rotor by using a jig (toggle press) during the curing process.

