

The invention relates to mechanical engineering, in particular to processes for adjusting the axial clearance in the conical gear.

The process, according to the invention, comprises calculating the error compensation value and determining the number of steps of a compensator, consisting of an auxiliary ring (3) with at least three protrusions and a main ring (4), on the end face of which are formed at least three mounting areas with steps. In the main ring (4) are made axial ducts, in which are installed attaching bolts, and in the auxiliary ring (3) are made axial holes for their passage. From the compensator dimension chain, by the method of complete interchangeability, is determined the upper and lower deviation value of the running clearance (J_f) and the clearance between the cover (2) and the body (1) of the conical gear. One ring rotates relative to the other until the width of the compensator coincides with the value of compensated clearance (A^{comp}), after which the compensator is fixed in the desired position.

Claims: 2

Fig.: 12

