

This invention relates to processing of metals by cutting and, in particular, to the instrument for turning processing. This invention provides increase of precision of processing through compensation of elastic deformation of the technological system of the workbench in direction of formation of the size of the billet. Turning tool has the plate 5, this is eccentrically fixed on the springy axle 4, kinematically connected to the mechanism of adjustment, with drive shaft 8, self-retarding transmission and connected to the plate restrictor of the preliminary tension of the angle 10 of the plate turn 5.