

A lathe tool ensuring automatic change of the cutting edge includes a bracket with opening, in which a mobile insert with a pin is located, a locator with supporting base surfaces for the sides of cutting plate from one side and inclined plane on the opposite side, a point of attachment. The bracket additionally contains an opening, in which are located a rack with groove, a limiter and a groove connected with the opening of bracket for mobile insert, in which is rigidly fixed the limiter. The locator enters into the groove of rack. The pin is installed with possibility of turning relative to mobile insert. The cutting plate is motionlessly set on one end of pin, and to the opposite – a gear, which communicates with the pin with the help of a half-coupling and operates with rack. The end of mobile insert has the capability of interaction with the point of attachment.