

a 2003 0058

The invention refers to mechanical engineering, especially to the precession gear-wheels cogs working. The process for the precession gear-wheels cogs working consists in the relative rotary and working motions between the tool and the blank. The blank is imparted both rotary and precession motion. The device for the precession gear-wheels cogs working contains a crank shaft, a table for blank mounting, connection and driving mechanisms. Onto the crank shaft neck there are installed with the possibility of rotation a table for the blank and a swinging plate onto which it is installed a mechanism providing the kinematic connection between the crank shaft and the table. The swinging plate is connected to the device body by means of a shoulder provided onto its end with a roller and a body guide, the crank shaft is provided with an independent drive with the possibility of velocity regulation.

Claims: 2

Fig.: 2