

The invention relates to the field of mechanical engineering, namely to devices for vibrational honing of internal surfaces of cylindrical parts.

The device, according to the invention, comprises a vertical shaft (2), fixed in the chuck (1) of a vertical machine tool, and a table (13) for the workpiece (3). In the lower end of the shaft (2) are made two, three, four or six longitudinal channels (4) and a blind central hole, in which is placed a spring (5), connected to a toolholder (6), provided with two, three, four or six abrasive bars (14) with the possibility of sliding in the longitudinal channels (4) and fixed onto a disc (8), which is connected to a vertical shaft (9) by means of a pusher (7) with a bearing (20). The toolholder (6) is fixed with the possibility of reciprocating motion along the vertical axis of the device by means of an electromagnet (10) with three spring-loaded rods (11) and of a winding (12).

Claims: 1

Fig.: 1

