

Annotation

on the diploma paper submitted by student group HVm-51 Oleh Hrushytskyi for the Masters degree in specialism 8.05050301 " Theoretical substantiation methods sharpening machine tool design to development-grinding machine".

Thesis is dedicated to development of new methods for sharpening cutting tools, including: cutters, spiral drills, vertical and reamer.

The feature of the proposed methods is that the rear surface of the above instruments is not formed outer cylindrical surface grinding wheel straight profile or its end surface and an inner cylindrical surface grinding wheel straight profile or bowl.

Subject of research - the formation of the main rear surface of cutting tools.

Object of study - kinematic and structural parameters which ensure formation of the main rear corner of the machine tools.

Keywords: cutter, drill, vertical reamer, head back angle grinding wheel, feed circular, longitudinal.

Thesis consists of 257 p. the list of literature explanatory note, annex, 15 sheets of A1 size drawings. Figures 84, tables 24, bibliographic sources 39.