

ABSTRACT

In my graduation project includes: Technological section, which contains 33 pages, 5 figures, 6 tables; Special section consisting of 5 pages; Construction section containing 4 pages; The section of labor protection, consisting of 14 pages, 2 figures, 2 tables; Power section includes 3 pages, 2 tables; Organizational section includes 7 pages, 5 tables; Economical section of 10 pages and 7 tables; 5 drawings; Conclusions; Specifications and List of used literature.

Diploma project on the development of a cutting tool for the metalworking industry, from hard alloys (BK8) with annual production output: 32 tons per year.

The analysis of the current state of chisels production is carried out. Materials and equipment for making cutters and processes for their manufacture are considered.

The optimum technological scheme is chosen, which provides obtaining products with a given level of physical and mechanical properties. The calculations of the material balance are carried out and the necessary amount of equipment for the technical process is calculated.

Key words: BANDING TOOL, POWDER VK8, RISK, SOLID ALLOYS.