

Production cooperation. Tool-making



- Production of mounting hardware for cutting tools equipped with changeable disposable tips.
- Production of tools and accessories according to customer's requirements specification.
- Production of tool bodies with disposable tips:
 - фрез концевых, дисковых (100-500 мм $\varnothing=10-30$ мм), торцевых (50-315 мм с $j=900, 600, 450$), и фрез для снятия фасок;
 - drilling-boring heads $\varnothing 38-110$ мм;
 - boring blocks with micrometer feed and boring range of 39-655 мм;
 - boring blocks with boring range presetting of 23-655 мм;
- Production of high-precision modular tooling for boring and milling machines and other types of equipment.
- Production of cutting tools (taps, reamers, core drills, end mills, involute and disk type milling cutters) by means of electrode surfacing buildup out of P18 steel grade or tungstenless electrodes.
- Production of heavy pitch disk type or hob milling cutters.
- Production of transfer molds for plastic products.
- Production of die molds for rubber sintering (single cavity, multicavity) up to 500 мм.
- Production of MO6 air-operated hammers.
- Production of vibroprotective pneumatic chipping hammers and rammers.
- Production of plain gauges for holes control (range -6...200 мм).
- Production of thread gauges (end caps, rings) for control of:
 - metric thread M 5...400;
 - trapezoidal and buttress thread 100...200 мм.
- Production of devices for effective thread diameter control (inner and outer) from 150 мм and more.
- Production of drill chucks with gripping range 1...16 мм.
- Production of straight and reverse cams for lathe chucks. Production of sledge hammers, axes, hammers, cutting iron, all types of chisels, center punches, stamps of figures and letters.
- Precision machining of cutting dies operating elements and complex profile parts with unlimited hardness by means of EDM process, excluding further machining work.