



# machine knives and wearing parts



## services

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## **Machining the elements, sub-units and machine elements services**

### **Machining**

- ✓ Flat and slot milling
- ✓ Drilling, reaming, threading the holes
- ✓ Shaping the planes and angles
- ✓ Turning
- ✓ Laser cutting
- ✓ Grinding and sharpening the planes and external angles
  - CNC Drill and milling machine  
maximum di-mensions of element: 1200x450x560 mm  
maximum weight: 500 kg  
setting accuracy: 0.01 mm
  - Boring machines  
maximum dimensions of element: 1120x1000x900 mm  
maximum weight: 500 kg  
setting accuracy: 0.01 mm
  - Planing machines  
maximum dimensions of element: 4020x900x800 mm  
maximum weight: 500 kg  
setting accuracy: 0.1 mm
  - CNC Turning lathes  
maximum diameter of turning: 380 mm  
maximum weight: 500 kg  
setting accuracy: 0.001 mm
  - CNC Grinding machines  
maximum dimensions of element: 4000x350x200 mm  
maximum weight: 500 kg

### **Heat treatment**

- ✓ Volume, inductive hardening.
- ✓ Tempering.
- ✓ Soft annealing.
- ✓ Normalizing.
  - Computer-controlled volume furnaces  
maximum dimensions of element: 3700x900x350 mm  
maximum weight: 1000 kg
  - Induction furnaces  
maximum dimensions of element: 4350x270x50 mm  
maximum weight: 500 kg

## **Machining the elements, sub-units and machine elements services**

### **Other services**

- ✓ Marking elements using laser method
- ✓ Plating elements with anticorrosive and abrasion-resisting coatings
- ✓ Sawing, maximum diameter 420 mm
- ✓ Cutting the materials with guillotine, max. thickness 7 mm, width 1,200 mm
- ✓ Straightening elements of length up to 4,000 mm using presses or under influence of high temperature
- ✓ Punching the elements using press of pressure 160 Mg including execution of blanking die
- ✓ Welding the constructions
- ✓ "Turn-key" assembling the sub-units and elements
- ✓ Designing and execution of blanking dies
- ✓ Programming the CNC machine tools using the programme "ALPHA CAM" 3D
- ✓ Designing using software "INVENTOR".

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If you are interested in details of our offer, please contact us or send an offer inquiry with drawing of a product, quantity and all information which you find important and which shall allow us to prepare the best offer.

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