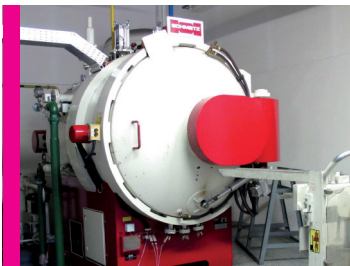




Forging and production of forged pieces

- **volumetric hot forming** (free / die forging)
- **volumetric cold forming**
- **material cutting, warming and cleaning forged pieces**

dimension: length 350 mm, width 100 mm; weight up to 2.5 kg



Heat treatment

- **vacuum hardening with tempering**
- **annealing with recrystallization** (normalized, homogenized, recrystallization)
- **annealing without recrystallization** (soft, to reduce stress, melting)
- **precipitation hardening**
- **case-hardening**

dimension: width 400 mm, length 1100 mm, height 650 mm; temperature 650–1350 °C



Machining

- **milling** (standard millers, 3–5 axial CNC millers)
- **turning** (standard lathes, multiaxial CNC lathes)
- **grinding** (round, flat, sharpening)
- **drilling**
- **boring** (gun drills from \varnothing 2.5 mm)



Surface modification

- **attrition treatment**
- **matting**
- **brushing**
- **polishing**
- **anodization**



Others

- **laser marking**
- **welding** (TIG/laser)
- **manual operations**

MATERIALS

STAINLESS STEELS

CARBON STEELS

TITANIUM ALLOYS

NON-FERROUS METALS AND THEIR ALLOYS

WE OFFER:

- production of forging tooling including of heat treatment for forged pieces to the weight of 2.5 kg (dies, cut-off, cuts)
- production of benders, drilling tools, fastening tools
- production of diamond-coated discs
- custom-made and single-piece production of components according to customer's request

