## Kögel GmbH Zerspanungstechnik



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Your specialist for high-quality milled partsWe are an achievement-oriented and modern supplier for industry and handicraft. Top quality, reliable delivery, excellent serviceFor more than 30 years we have been supporting our customers with the production of complex milled parts for industries like hydraulics, pneumatics, electrical, mechanical, and medical engineering. You get ready-to-use parts from a single supplier. In doing so, we focus on quality, reliability and the best service. For us as a family company, these values are the basis of successful cooperation. Our services - from manufacturing to assemblyControl blocks, valve housings, cylinder tubes - we mainly produce CNC milled parts as well as components from turning and milling combinations for different industries. For this purpose, we procure the prescribed raw materials and create the programs for our machining centers on the basis of your production drawings.

CNC manufacturing:Economical and efficientMachining takes place on modern CNC production machines in up to five axes. This ensures that we always keep an eye on profitability for each and every one of your milled parts. All our tools are recorded in a database. The digital replication of our machines with specific peripherals enables us to fully simulate the program sequence on the PC. This allows a fast and

optimized implementation with the finely balanced and laser-measured tools. CNC CUTTINGSpecialized in milling, as well as turning-milling combination machining in full automation, we primarily produce components from the following

materials:various aluminum alloys structural steels free-cutting steels various plastics brass

simpler machining in stainless steelWe are at your disposal as a partner from the prototype over the 0-series up to the small/medium series (depending on the processing volume up to approx. 10.000 pcs./year).

Thermal deburring: In-house possibleWe are the specialists for removing unwanted burrs. As one of the few companies for machining technology, we offer thermal deburring in-house. In addition to conventional deburring methods, we remove the finest residual burrs with our ATL iTEM250. In this way, we avoid process-safe detachable particles and protect your system from unplanned downtime.

Surface finishing: Effective protectionAfter production, you can have your components refined. In cooperation with our partners, we offer you a wide range of options. Anodizing, chromating, passivating, burnishing, painting – the choice is yours.ANODIZING YOUR ALUMINUM COMPONENTSCORROSION PROTECTION OF STEEL COMPONENTS

Assembly?:Ready-to-install unitsWe are happy to support you with your assembly work. Let us assemble your components into complete units. For this purpose, we take over the C-parts management for you and procure all required standard parts such as screws and fasteners. This shortens your procurement times and frees up your capacities.

Industries and components (selection):Especially for these industries, we manufacture components made of aluminum alloys or steel:Hydraulics: control

block, housing, block, valve housing, flange, pump flange, bellhousing, intermediate plate, valve carrier, accumulator block, interlinking block, connection block, equipment carrier, reversing blockPneumatics: manifold block, P-bar, connection block, pneumatic housing, valve housing, cylinder tube, cylinder cover, pneumatic block, inlet chamber, air distributorElectrical engineering: electronics housing, circuit board housing, heat sink, transmitter housing, receiver housing, antenna supportMechanical engineering: bearing, trestle, cover, holder, plate, adapter, bracket, insert nut, lever, retaining block, locking device, clamping holder, strip, spacer, hold-down deviceMedical technology: actuating block, foot pump housing, cylinder block, cylinder lock, output block, distributor blockAutomation technology: gripper, swivel armDrive technology: driver, cover, base, plate, guide, guide carriage, wiperLaser technology: laser housing, housing cover, plate, base, mirror holder, lens holder, side wallPainting technology: piston housing, gun body, mixing block

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