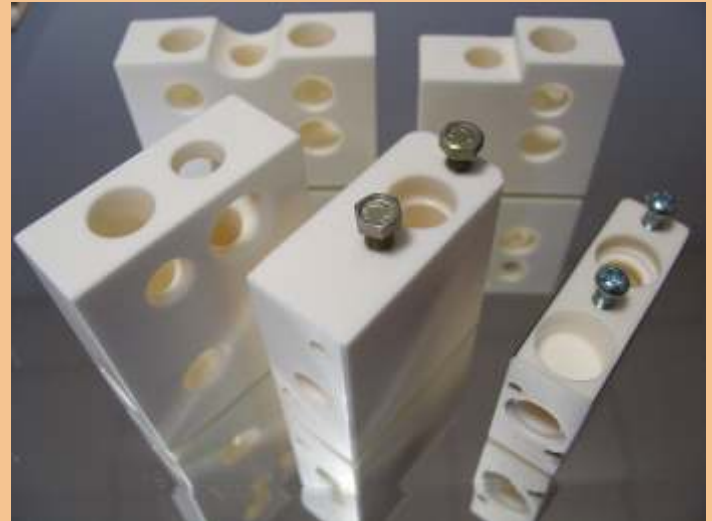
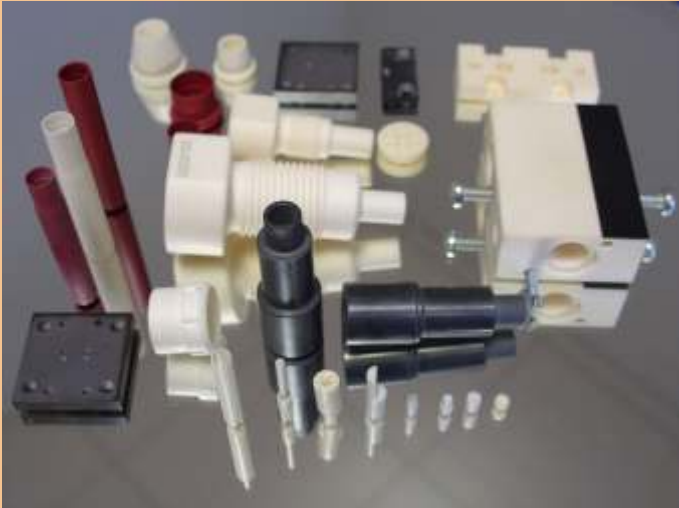


***Ceramic High Speed
Materials for Laser and
Sensor Technology***

Ceramics in laser and sensor engineering open new possibilities through the high electrical dielectric strength and excellent Thermal and chemical stability.



***Treatment of Green Ceramic
Bodies***

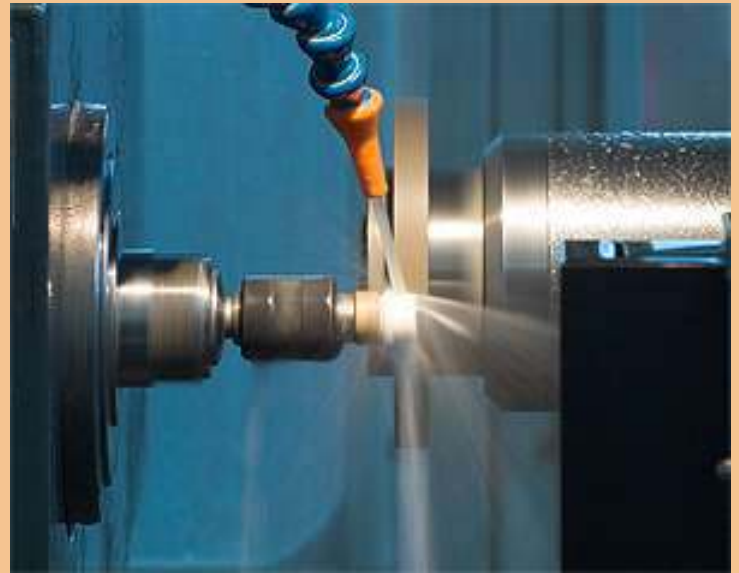
For green machining a 5 - Axis - CNC – micromachining machine with Heidenhain control and a high frequency spindle with 40.000 1/min is available. The repetition accuracy is within approx. 1 μ m.

***Shaping with high pressure
injection molding machines***

Injection molding machine from the company ARBURG, model Allrounder 220 S



The finishing of ceramics takes place on CNC controlled round and flat grinding machines. For the achievement of defined surfaces, lap polishing and honing machines are available.



MicroCeram GmbH has a quality management system according to DIN 9001:2000 over the entire process of development, production and treatment of ceramic construction units. In the company-owned laboratories all analysis methods are relevant for the process control to be accomplished.



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