In addition to the production of high-precision parts, Groz-Beckert also specializes in manufacturing high-precision small bores – where high demands are placed on concentricity and radial run out. In addition to tungsten carbide, other materials such as steel and ceramic can also be machined. The application fields are varied and include the electric and lighting industry, as well as printing and dosing technology, wire machining, punching and tool as well as machine shop.

With the support of development, process engineering and laboratory as early as the product development phase, Groz-Beckert can map out the entire process from the idea to the manufacture of the product.

- External diameter (DE) 1–13mm
- Internal diameter (DI) 0.030–10mm
- Radial run out 0.001 mm
- Concentricity 0.002 mm
- Finish quality drilled hole (Rz) 0.2–0.6
- Quantities 1–1000
- Material tungsten carbide, ceramic, (steel), powder metallurgical steel

L, LB and DH according to customer requirement

The above values may deviate with specific dimensions. Further dimensions, tolerances and materials are available on request.
High-precision internal and external machining
Mixing nozzle with two channels
Polished radii and chamfers
Special shapes to meet customer requirements
Guide insert
High length/diameter ratio
High-precision guide systems
Guide bush with cutting surface