In addition to traditional round punches, Groz-Beckert CPC also produces purpose-built items. Cutting-edge manufacturing technologies can produce customer-specific special solutions. In addition to tungsten carbide, other materials such as steel and ceramic can also be machined. The application fields are varied and include measurement technology, the electrical industry 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.

Nominal diameter \( D \) from 0.030 mm
Shaft diameter \( DS \) 0.3–15 mm
Radial run out \( 0.002 \) mm
Concentricity \( 0.002 \) mm
Finish quality \( R_z \) 0.2–0.6
Coating DLC, TiN, TiAL
Quantities 1–1000
Material tungsten carbide, ceramic, (steel)

\( R_1, L_1 \), and \( L_2 \) according to customer requirements

The above values may deviate with specific dimensions. Further dimensions, tolerances and materials are available on request.
Eccentric finishing

Edge rounding and finish quality

High shape and position accuracy

Complex shapes

High-precision shaft

Square machining

Special external shapes

Aligning surfaces for molded parts

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