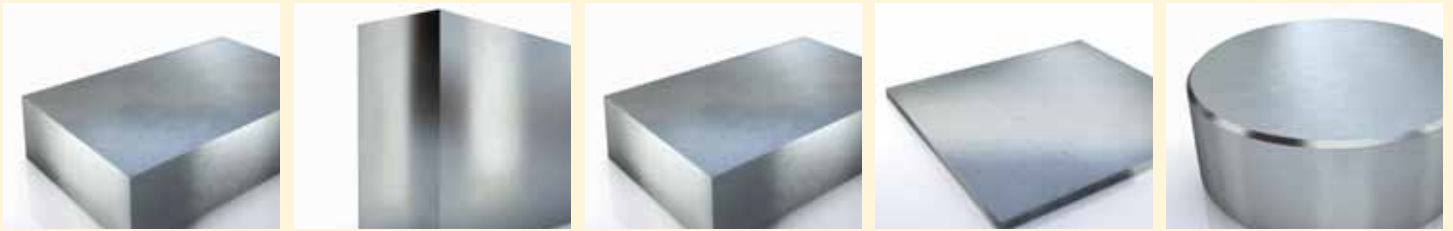


**EROSION BLOCKS
FOR CUTTING AND
PUNCHING TOOLS**

WITH IMMEDIATE EFFECT GUHRING – ONE OF THE
LARGEST CARBIDE MANUFACTURERS – ALSO SUPPLIES
EROSION BLOCKS FOR THE MACHINE TOOL INDUSTRY

GUHRING EROSION BLOCKS

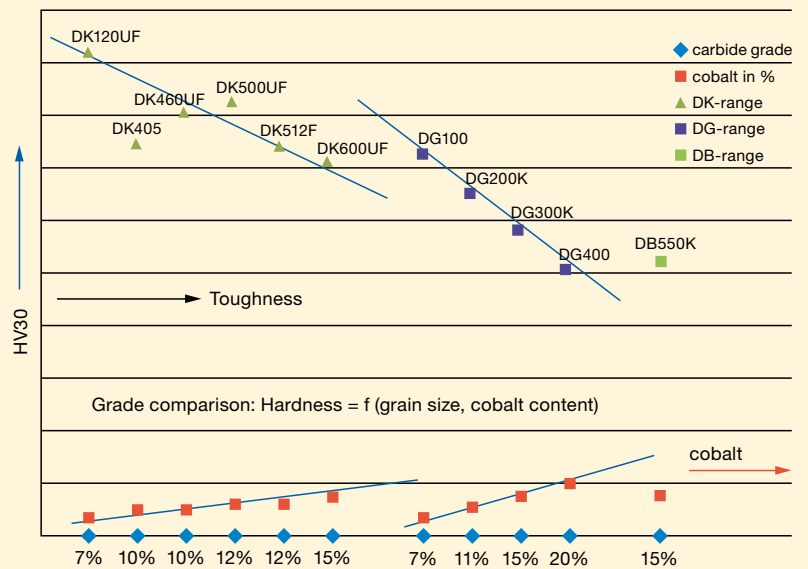
EROSION BLOCKS TO SATISFY THE DEMANDS
OF THE MACHINE TOOL INDUSTRY



| Carbide grade | Length* (mm) | Width* (mm) | Height* (mm) |
|---------------|-----------------|----------------|-----------------|
| | 100 | 100 | 8 |
| | 100 | 100 | 10 |
| | 100 | 100 | 12 |
| DG200K | 100 | 100 | 15 |
| DG300K | 100 | 100 | 20 |
| DK405 | 100 | 100 | 30 |
| DK460UF | 100 | 100 | 35 |
| DK500UF | 100 | 100 | 50 |
| DK512F | 120 | 72 | 62 |
| | 120 | 82 | 62 |
| | 150 | 100 | 16 |
| | 150 | 100 | 22 |
| | 200 | 100 | 25 |

* all raw data + grinding allowance

Toughness and wear-resistance



| Carbide grade | Hardness HV30 | Grain size in μm | Tungsten carb. weight % | Cobalt weight % | Application range |
|---------------|---------------|-----------------------------|-------------------------|-----------------|---|
| DK500UF | 1660 | 0.4 | 88 | 12 | Fine cutting < 0.6 mm BS |
| DK460UF | 1620 | 0.5-0.6 | 90 | 10 | Fine cutting < 0.4 mm BS non-ferrous metals |
| DK405 | 1500 | 1 | 90 | 10 | Fine cutting > 1 mm BS shaping |
| DK512F | 1490 | 0.7 | 88 | 12 | Cutting, punching, moulding stainless steels < 1.2 mm BS |
| DG200K | 1310 | 2.5 | 89 | 11 | Cutting, punching, forming, moulding > 1.2-2 mm BS |
| DG300K | 1170 | 2.5 | 85 | 15 | Cutting, punching, forming > 2 mm BS |

No matter whether fine cutting, punching or moulding – Guhring provides erosion blocks in the most suitable carbide grade for any application range.

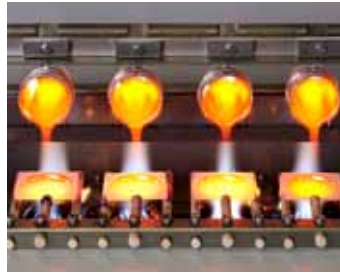
THEY ALL EXCEL THANKS TO:

- excellent machinability
- corrosion protection for long machining times in dielectric
- maximum tool life thanks to very good cutting edge stability

Erosion blocks are available in the carbide grades DK460UF and DG200K as stock items as well as in the carbide grades DG300K, DK405, DK512F with short delivery times up to a maximum 4 weeks. They are raw sintered and are available in the most common dimensions (see table). We are happy to also manufacture erosion blocks ground to specific dimensions.

GUHRING HARD MATERIALS

CARBIDE KNOW-HOW OF
THE HIGHEST LEVEL



With an annual production of in excess of 1500 tons Guhring Hard Material division is one of the leading carbide manufacturers. Grade variety, manufacturing possibilities and capacities as well as quality set market standards – the same as expert advice and the development support for our customers. Contact us and involve us with your task. We are sure we can offer you an efficient and cost-effective solution.

CARBIDE BLANKS

- for punches, core pullers, drawing dies and much more for the forming technology
- for cutting, punching, drilling, milling, shredding etc. for the machining technology
- for grooved bushes, nozzles, pressure and skid plates for the wear protection technology
- for impact knives, stirring staffs or strainers for the food and pharmaceutical industry
- for the manufacture of rotary tools

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