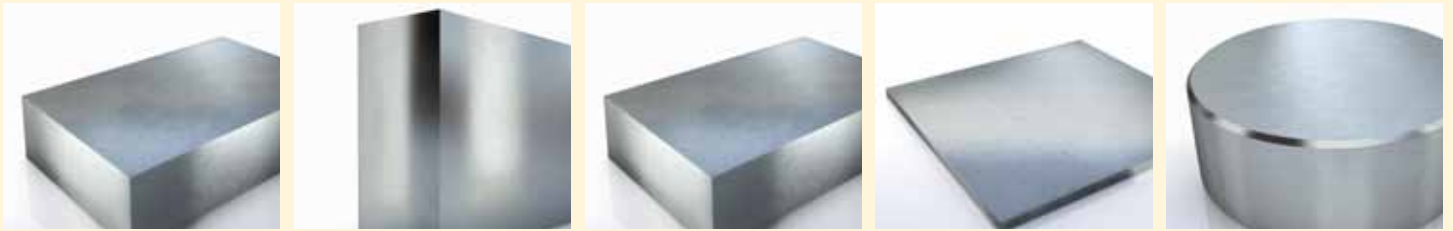


**EROSION BLOCKS
FOR CUTTING AND
PUNCHING TOOLS**

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

GUHRING EROSION BLOCKS

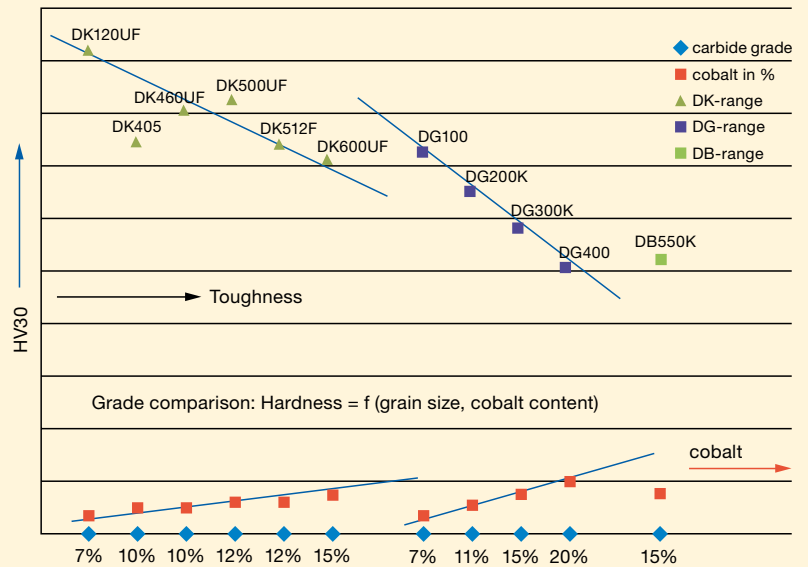
EROSION BLOCKS TO SATISFY THE DEMANDS
OF THE MACHINE TOOL INDUSTRY



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.

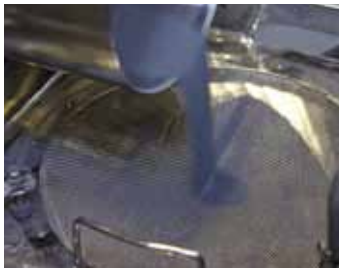
THEY ALL EXCEL THANKS TO:

- 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

BÜRO/OFFICE ALBSTADT

P.O.box 100247 · D-72423 Albstadt
Hahnstr. 53 · D-72461 Albstadt
Tel.: +49 7431 17-25 300
Fax: +49 7431 17-25 189
hartmetall@guehring.de

BÜRO/OFFICE BERLIN

Lübarser Straße 10-38
D-13435 Berlin
Tel. +49 30 408 03-31 117
Fax +49 30 408 03-31 118
hartmetall@guehring.de



Guehring KG
Geschäftsbereich Hartmetall/Division Carbides
www.guehring-carbide.de

GUHRING