

You have the surfaces - we take care of the finish!
Abrasive grains such as silicon carbide or aluminium oxide are flexible embedded in elastic materials.
As a result, our grinding and polishing tools are sponge-soft, finely porous or hard, but always elastic.

SERIES G

White fused Aluminium oxide embedded in a very long lasting, wear resisting polyurethane bond gives the series G. Especially designed for automated polishing, this series allows good material removal rates along with a very fine finish. Series G is mostly used in mold making, giving a perfect surface with a long life span. Series G can also be used as an alternative to conventional rubber mounted points.

TOOL

Product : ARTIFEX EK - G
Bonding : Foamed polyurethane
Grit size : White fused aluminium oxide
F46 - F400
Hardness : W (soft) | M (medium) | H (hard)
Colour : Brown
Delivery form : Mounted points | Blocks
Peripheral wheels | Cup wheels
and customised solutions
Dimension : See page „Our Range and
Types of Deliveries“

EXAMPLE OF APPLICATION

High gloss polishing with EK 120 MG mounted points in mold making

MATERIAL

Steel | Alloy steel | High alloy steel | Hardened steel
Aluminium | Non-ferrous metal | Precious metal
Sintered metal | Cast iron

MACHINES

CNC Machining centers | Robots | Hand held machines

Cooling lubricants : Dry | Water | Emulsion | Oil

Dressing : with all conventional tools

RESULT

Surface roughness down to $Ra < 0,1 \mu m$
Perfectly polished surface

ADVANTAGES

High life span
High material removal rate along with perfect finish
Highly uniform surface finish



PRODUCT CODE EXAMPLE

Bonding : _____
Hardness : _____
Grit size : _____
Type of grain : _____
PRODUCT : EK 120 M G

The ARTIFEX promise

We stand for tools that guarantee the highest quality standards. All ARTIFEX products are „Made in Germany“ and their above-average service life speaks for itself.

Our service: You have individual requirements, we offer customised solutions regardless of the material, shape or dimensions. We will gladly advise you on your premises.