Product data sheet G



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

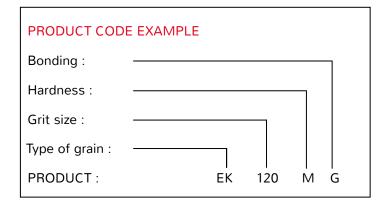
Surface roughness down to Ra < 0,1 µm Perfectely polished surface

ADVANTAGES

High life span

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





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.