

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 MFP

Fine, white Aluminium oxide is embedded into a hard elastic foamed polyurethane bond. With this series surface roughness of $R_z < 1 \mu\text{m}$ are easily obtained. The series MFP is normally applied as a peripheral wheel in CNC Grinding machines.

TOOL

Product : ARTIFEX EK - MFP
Bonding : Foamed polyurethane | hard
Grit size : White fused Aluminium oxide
F120 - F1200
Hardness : M (medium)
Colour : According to grit size
Delivery form : Mounted points | Blocks
Peripheral wheels | Cup wheels
and customised solutions
Dimension : See page „Our Range and
Types of Deliveries“

EXAMPLE OF APPLICATION

Fine polishing of gears and machine shafts
Polishing to a mirror finish

MATERIAL

Steel | High alloy steel | Alloy steel | Hardened steel
Aluminium

MACHINES

External, internal, profile and flat grinding machines

Cooling lubricants : Dry | Water | Emulsion | Oil

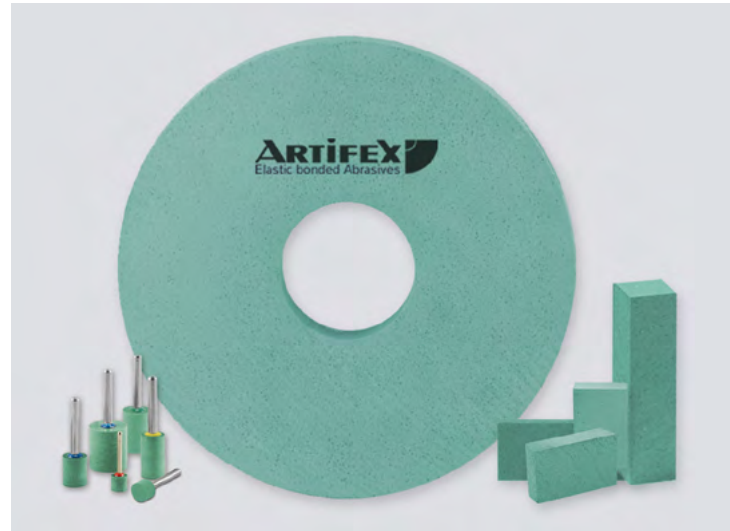
Dressing : with all conventional tools

RESULTS

Surface roughness down to $R_z < 1 \mu\text{m}$
Perfectly polished surface

ADVANTAGES

Complete process in one clamping of the workpiece
No geometric changes
Cutting off the peaks of the roughness profile
No further process or machinery necessary



PRODUCT CODE EXAMPLE

Bonding : _____
Hardness : _____
Grit size : _____
Type of grain : _____
PRODUCT : EK 800 M FP

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.