

Quality Made in Germany since 1924



Deburring and polishing of
medical instruments

Medical instruments

You have the surfaces - we take care of the finish. Our products are always called for when surfaces cannot be further refined with conventional vitrified or resin-bonded grinding wheels. Contrary to abrasive belts, they can also be used to finish hard to reach surfaces.

In ARTIFEX tools, abrasive grains such as silicon carbide or aluminium oxide are flexibly embedded in elastic materials, such as foamed polyurethane. As a result, our grinding and polishing wheels are sponge-soft, finely porous or hard, but always elastic. Depending on the application, the specifically matched composition of grain and bonding results in the desired finish.

Perfectly polished surfaces make sterilization of the instruments a lot easier. Edges and blades without burrs ensure a good performance.

WORKPIECES

Awls | Drills | Milling cutter | Tweezers | Scissors | Cannulas | Clamps | Rasps | Hooks | Scalpels and a lot more

MATERIAL

High alloy steel | Chrome steel

MACHINES

Bench grinders | CNC Machining centers | Robots

PROCESS DESCRIPTION

Deburring | Removal of tool marks | Polishing | Matting | fine finishing

PROCESS SETUP

Cooling lubricant : Dry | Water | Emulsion | Oil

TOOL

Product : ARTIFEX SC - MP
Bonding : Foamed polyurethane | hard
Hardness : M (medium)
Grit size : Silicon carbide F150 | F250

Delivery form : Mounted points
Peripheral wheels | Cup wheels
Blocks and others

Dimension : OD Ø 4 - 400 mm

ADVANTAGES

High life span
No changes in the work pieces geometry
No clogging of the tool even under heavy duty usage
Easy dressing with all conventional dressing tools



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.