

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 :

TOOL

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

Dry | Water | Emulsion | Oil

Delivery form :

Mounted points Peripheral wheels | Cup wheels Blocks and others OD Ø 4 - 400 mm

Dimension :

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.