

ARTIFEX
Elastisches Schleifen und Polieren
Elastic bonded Abrasives



**ELASTIC BONDED ABRASIVES
FOR FLATGLASS PROCESSING**

QUALITY MADE IN GERMANY SINCE 1924

FLATGLASS POLISHING

ARTIFEX offers an extensive product range for single- and double edger machines.

You achieve the optimum result with **Artifex** tools, which are perfectly matched to each other.

We have the right tool set for every desired result.

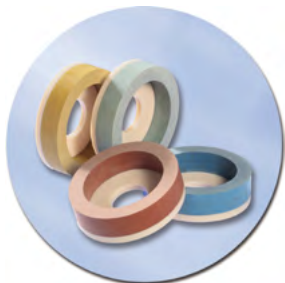
This consists of the polishing wheels, a cerium polishing wheel and the associated arris wheels.

You can select:

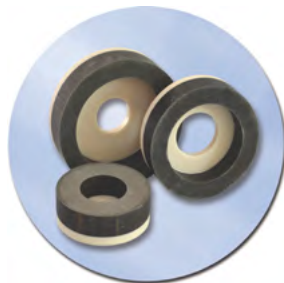
■ For the perfect high gloss finish: Series A0-BQ6

■ For the longest service life: Series A0-Q6

■ For the lowest tool costs: Series A0-BJ



A0-BQ6



A0-Q6



A0-BJ

We meet the challenges faced by our customers through a process of intensive dialogue with machine manufacturers and application engineers. We focus on products that improve your polishing process.

PERIPHERAL WHEELS

ARTIFEX wheels for flat and pencil edges used on single- and double-edging machines as well as CNC machines.

■ Perfect gloss finish with long service life: BK-WR

■ Good gloss finish with long service life: A0-UQ5

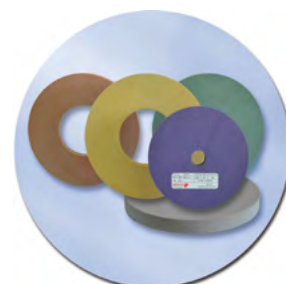
■ Low tool costs and colour code for the grain size: EK-UJ



BK-WR



A0-UQ5



EK-UJ

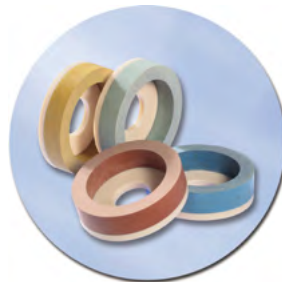
OVERVIEW

PERFECT HIGH GLOSS FINISH

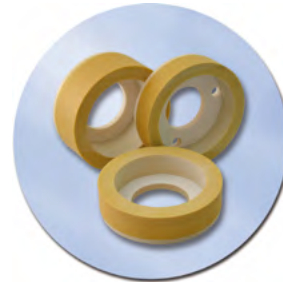
ARTIFEX series AO-BQ6 - **THE EXTRA** when it comes to high gloss finish, thanks to a newly developed abrasive grain mixture. Combined with the CE-3 Cerium cup wheel, the AO-BQ6 product range offers a perfect high gloss finish on the edge of the glass. The cup wheels are colour coded according to their grain size, and they guarantee optimum stability due to the solid base plate.

For the arris we recommend EK 400 MS.

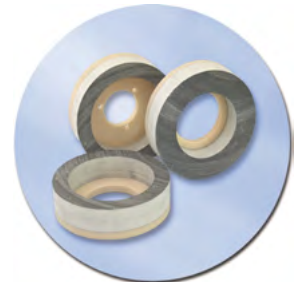
- Perfect high gloss finish with CE-3
- Colour code for grain size
- Arris cup wheel EK 400 MS



AO-BQ6



EK 400 MS



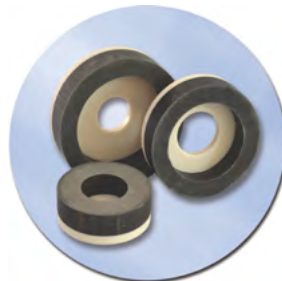
CE-3

LONGEST SERVICE LIFE

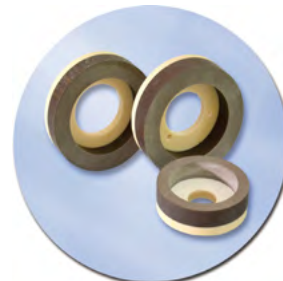
ARTIFEX series AO-Q6 - **THE CLASSIC** provides an extremely long service life, thanks to the specifically matched properties of the bonding material. The optimum granular adhesion guarantees good polishing results over a long period of time. A robust base carrier ensures extremely high throughput rates.

For the arris we recommend AO 120 Q4.

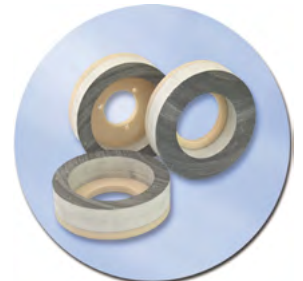
- Extremely long service life
- Highest throughput rates
- Arris cup wheel AO 120 Q4



AO-Q6



AO 120 Q4



CE-3

POLISH COST-EFFECTIVELY

ARTIFEX series AO-BJ - **FIRST CHOICE** when gloss finish and economy have to be balanced. The significantly better gloss finish is achieved by a newly developed abrasive grain mixture. Combined with the CE-3 Cerium cup wheel, the AO-BJ product range offers a good gloss finish at a cost-effective price.

For the arris we recommend EK 120 SJ.

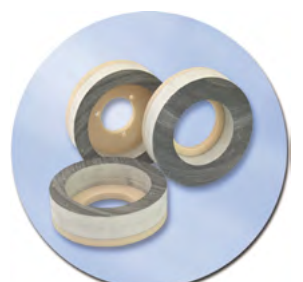
- Low tool costs
- Colour code for grain size
- Arris cup wheel EK 120 SJ



AO-BJ



EK 120 SJ



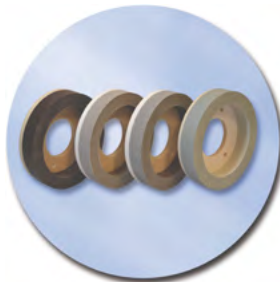
CE-3

APPLICATIONS

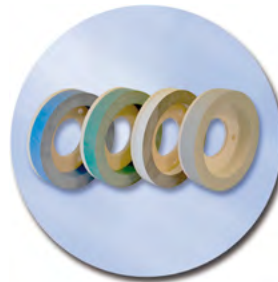
BENTELER MACHINES

ARTIFEX is the preferred supplier for the Benteler company in Bielefeld, Germany. Whether you require a high glass throughput or a perfect high gloss finish, we have the right tools for you.

- Highest throughput with: AO 40 Q6, BK 120 WR and BK 180 WR
- High gloss finish with: BK 40 PBR, BK 60 PBR and CE-3
- Arris cup wheels: BK 120 WR or EK 400 WBS



Highest throughput

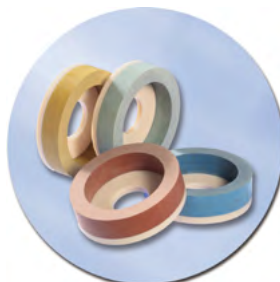


High gloss finish

SMALL MACHINES

ARTIFEX also provides products for glass edging machines with few spindles. The CE-R rubber cerium wheel achieves an optimum high gloss finish on the edge, second only to the polishing wheel of the **ARTIFEX** AO-BQ6 series. If there are no diamond stations available for the arris, they can be ground and polished with SC 280 HS in one step.

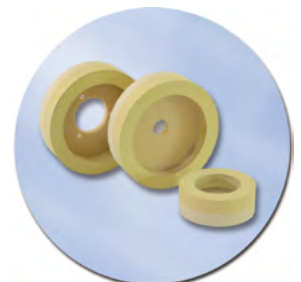
- High gloss finish with: AO 40 BQ6 and CE-R
- Arris cup wheel for machines without diamond pre-grinding: SC 280 HS



AO-BQ6



SC 280 HS



CE-R

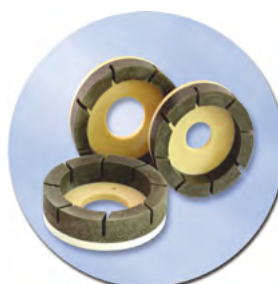
POLISHING OF LAMINATED SAFETY GLASS (LSG)

ARTIFEX also offers AO-BQ6, AO-Q6 and AO-BJ series in segmented form with 3 mm oder 5 mm slots.

- No 'smearing' of the polishing wheels
- No plastic residues on the glass edges
- High gloss finish with CE-3



AO-BQ6



AO-Q6



AO-BJ

DECOATING OF LOW-E GLAS

ARTIFEX manufactures a wide range of polishing wheels for you, which vary according to the mineral abrasives, grit sizes and bonding hardness.

Every machine, each type of glass has its specific requirements - we fulfill them all.

With **ARTIFEX** SC 150 HT the 'BUTTERFLY TEST' is easily passed.

MANUAL MACHINES

can be variable speed angle sanders as well as circular hand saws.

Manufacturers are: Bohle, Knopp, Pannkoke, Rottler & Rüdiger and others.

ARTIFEX-TOOLS:

- Standard: SG 100 HT
- Wheels with core reinforcement:
Ø 125 x 10 x 25.40 mm, Ø 125 x 10 x 76.20 mm
Ø 150 x 10 x 25.40 mm



VERTICAL MACHINES

are offered by Bystronic, Lenhardt, Liseç and others.

ARTIFEX-TOOLS:

- Standard: NK 220 HT
- For hard coatings and for glass with protection film like Guardian TPF: SK 120 HT
- Wheels with core reinforcement:
Ø 200 x 10 x 76.20 mm



CUTTING TABLES

are offered by Bottero, Bystronic, Hegla, Liseç, Macotec e.g.

ARTIFEX-TOOLS:

- Standard: NK 220 HT
- For hard coatings and for glass with protection film like Guardian TPF: SK 120 HT
- Wheels with core reinforcement:
Ø 175 x 20 x 76.20 mm, Ø 200 x 16 x 76.20 mm
Ø 200 x 18 x 76.20 mm, Ø 200 x 20 x 76.20 mm



MOUNTED POINTS

for use on machines like Bavelloni REV 372 SR and others.

ARTIFEX-TOOLS:

- Standard: SG 100 HT and NK 220 HT
- For hard coatings and for glass with protection film like Guardian TPF: SK 120 HT
- Dimensions:
Ø 19.5 x 20 x 6.00 mm, Ø 19.8 x 30 x 7.50 mm
Ø 20.0 x 30 x 6.00 mm (with shaft)



Other dimensions on request

ARTIFEX Dr. Lohmann GmbH & Co. KG in Kaltenkirchen, Germany, has a tradition going back more than 90 years, and it is a globally operating manufacturer for the glass processing industry.

Quality made in Germany combines precision, productivity, reliability and cost effectiveness. We are committed to developing and manufacturing products today for the technology of tomorrow.

ARTIFEX polishing wheels are manufactured for all types of machines.

Here is a small overview of the manufacturers, on whose machines our tools are used successfully worldwide:

Autoflow	Bystronic	Fukuyama	Progetti
Bando	C.A.U.	Fushan	Quingdao
Baretta	Cambi	Gerhard	Rautenstrauch
Baudin	Casar	Gieffe	Schiatti
Bavelloni	Champion	Glamatec	Schwartz
Beijiang	Cortesi	GME	Sunrising
Benteler	Covesa	Huatian	Suntech
Berlyne	Delta	Intermac	Technometal
Besana	Deltaprogetti	Intraco	Vitrododi
Bielefelder Union	Deway	Lattuada	Xinhaian
Bohle	Dongil	Linzhi	Yingijng
Bottero	Ebor	Lovati	Yuanda
Bovone	Feiyue	Maclav	Zafferani
British Hand	FMF	Metral	Zanetti
Busetti	Forvet Chiara	Neptun	and others

We customize our approach to match your requirements!

Our complete list of agents can be found on our website.

