

The following products (code Nos.) are used in our application examples:

• Pre-polishing

- **Circular brush with Chungking bristles.** Particularly beneficial are the Labor and Prima brushes with two rows of bristles, converging type. (Please choose your favorite brush from our catalogue, pages 37, 39 and 41.)
- **Circular brush – goat hair** Ø 90 mm 32/90 (SRB 12 100)
- **Lathe brush – goat hair with aluminum center** Ø 50 mm 152/50 (SBA 12 100)
- **Lathe brush – goat hair with aluminum center** Ø 60 mm 152/60 (SBA 12 200)
- **Lathe brush – goat hair with plastic center** Ø 48 mm 162/48 (SBK 12 100)
- **Miniature brushes, goat hair white, mounted:**

Ø 19 mm	112/19 (MBH 12 200)	Miniature brush, goat hair, unmounted:
Ø 21 mm	112/21 (MBH 12 300)	Ø 19 mm 122/19 (MBU 12 200)
Ø 23 mm	112/23 (MBH 12 400)	Ø 21 mm 122/21 (MBU 12 300)
Ø 25 mm	112/25 (MBH 12 500)	Ø 23 mm 122/23 (MBU 12 400)
		Ø 25 mm 122/25 (MBU 12 500)
- **Buffing wheel for pre-polishing** 31/100KK Ø 100 mm B= 7.5 mm (SWK 24 100)
- **Buffing wheels, cotton cloth:** 29/100KK fine (SWK 22 100) 29a/100KK fine (SWK 22 200)
- **Lathe brushes with discs of cotton cloth** 29/100KK coarse (SWK 23 100) 29a/100KK coarse (SWK 23 200)
- **Miniature brushes with discs of cotton cloth, mounted:**

Ø 19 mm	102N/19 (MBH 22 200)	Miniature brushes with discs of cotton cloth, unmounted:
Ø 21 mm	102N/21 (MBH 22 300)	Ø 19 mm 129N/19 (MBU 22 200)
Ø 23 mm	102N/23 (MBH 22 400)	Ø 21 mm 129N/21 (MBU 22 300)
Ø 25 mm	102N/25 (MBH 22 500)	Ø 23 mm 129N/23 (MBU 22 400)
		Ø 25 mm 129N/25 (MBU 22 500)

• High-gloss polishing

- **Buffing wheel, cotton cloth** see above
- **Pleated buffing wheel** 29d/100KK (SWK 28 100)
- **Lathe brushes with discs of cotton cloth** see above
- **Circular brushes with cotton yarn**

20/80 KK	Ø 80 mm	W = approx. 16 mm	(SRB 30 100)
20/90 KK	Ø 90 mm	W = approx. 16 mm	(SRB 30 200)
- **Circular brushes with grey flax yarn**

20L/80 KK	Ø 80 mm	W = approx. 13 mm	(SRB 31 100)
20L/90 KK	Ø 90 mm	W = approx. 13 mm	(SRB 31 200)
- **Circular brushes with glazed yarn**

20G/90 KK	Ø 90 mm	W = approx. 15 mm	(SRB 32 200)
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- **Circular brushes, wool**

20W/80 KK	Ø 80 mm	W = approx. 16 mm	(SRB 33 100)
20W/90 KK	Ø 90 mm	W = approx. 16 mm	(SRB 33 200)
- **Lathe brushes with cotton or flax yarn**

Cotton white	155/50	Ø 50 mm	W = approx. 9 mm	(SBA 30 100)
Flax yarn grey	155L/50	Ø 50 mm	W = approx. 9 mm	(SBA 31 100)
- **Miniature brushes, goat hair white** see above
- **Miniature brushes with discs of cotton cloth** see above
- **Miniature brushes, cotton yarn, mounted:**

Ø 19 mm	103/19 (MBH 30 200)	Miniature brushes, cotton yarn, unmounted:
Ø 21 mm	103/21 (MBH 30 300)	Ø 19 mm 125/19 (MBU 30 200)
Ø 23 mm	103/23 (MBH 30 400)	Ø 21 mm 125/21 (MBU 30 300)
Ø 25 mm	103/25 (MBH 30 500)	Ø 23 mm 125/23 (MBU 30 400)
		Ø 25 mm 125/25 (MBU 30 500)
- **Miniature brushes, cotton yarn, double, mounted:**

Ø 19 mm	103d/19 (MBH 30 210)	Miniature brushes, grey lax yarn:
Ø 21 mm	103d/21 (MBH 30 310)	Ø 19 mm 103L/19 (MBH 31 200)
Ø 23 mm	103d/23 (MBH 30 410)	Ø 21 mm 103L/21 (MBH 31 300)
Ø 25 mm	103d/25 (MBH 30 510)	Ø 23 mm 103L/23 (MBH 31 400)
		Ø 25 mm 103L/25 (MBH 31 500)
- **Miniature brushes with discs of cotton cloth** see above
- **Miniature brushes with discs of leather, mounted:**

Ø 19 mm	100/19 (MBH 00 200)	MB, leather discs, unmounted:
Ø 21 mm	100/21 (MBH 00 300)	Ø 19 mm 127/19 (MBU 00 200)
Ø 23 mm	100/23 (MBH 00 400)	Ø 21 mm 127/21 (MBU 00 300)
Ø 25 mm	100/25 (MBH 00 500)	Ø 23 mm 127/23 (MBU 00 400)
		Ø 25 mm 127/25 (MBU 00 500)
- **Miniature brushes, discs combined (leather-cloth-leather), mounted:**

Ø 19 mm	102NL/19 (MBH 02 200)
Ø 21 mm	102NL/21 (MBH 02 300)
Ø 23 mm	102NL/23 (MBH 02 400)

Wishing you good polishing results



Dr. Montemerlo GmbH & Co KG

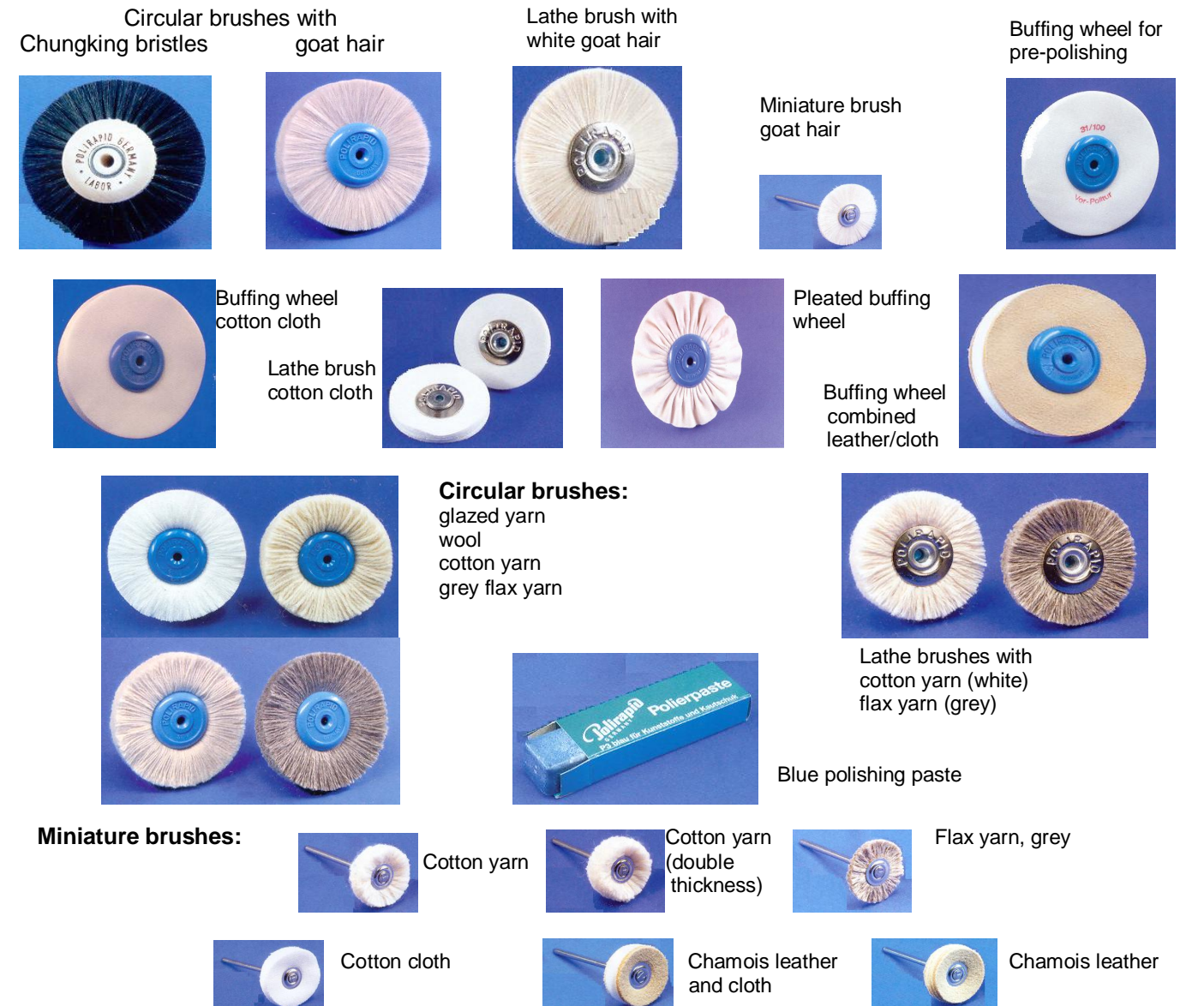
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Polishing Acrylic Veneers

We recommend the following articles in our range of products. In this information brochure we mainly focus on the particularly tricky places for polishing.



Pre-polishing

Our **Circular Chungking Brushes** are excellently suited for pre-polishing acrylic veneers (if the surfaces are not yet smooth).

In this case we recommend using our **2-3 row Circular Labor Brushes** (converging) with a low contact pressure using pumice and applying a speed of 3,000 rpm.

Example : 3/28/55 Labor, converging type (RLH 32 100)



If you have already obtained a relatively smooth surface, we recommend applying a soft **Circular Goat Hair Brush** at a maximum speed of 4,000 rpm. The **Lathe Goat Hair Brush** (maximum speed of 4,000 rpm.) is also particularly well-suited and even enables interdental pre-polishing of the acrylic veneer. In addition, this interdental area can also be pre-polished very well manually using the **Miniature Goat Hair Brush** at a maximum speed of 12,000 rpm.

Example : 112/21 mm (MBH 12 300)



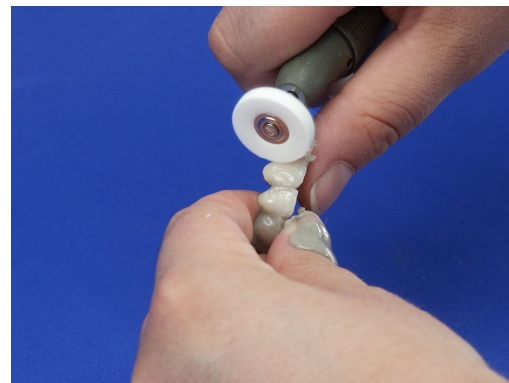
For this type of application we can also recommend using our special **Buffing Wheel for pre-polishing**, a **Buffing Wheel** or a **Lathe Brush with cotton cloth** together with wet pumice.

Note: After using pumice with the buffing wheels, please make sure that they are rinsed thoroughly and that you do not exceed a speed of 4,000 rpm.

Do you wish for better control?

If so, we recommend using our **Miniature Brush (cotton cloth)** together with pumice at a maximum speed of 12,000 rpm. Please make sure in this case, too, that the brush is cleaned thoroughly after use.

Example: 102N/21 mm (MBH 22 300)



High-gloss polishing

In our range of products you will find a large number of brushes that are excellently suited for the high-gloss polishing of veneering resins. We are only able to give you some recommendations, information and advice for this.

You can either use the **Buffing Wheel (cotton cloth)**, the **Pleated Buffing Wheel** or the **Lathe Brush (cotton cloth)** at a maximum speed of 4,000 rpm. By applying our blue polishing paste you will obtain a beautiful gloss on your acrylic veneer.

Example : Buffing wheel, cotton cloth, 29/100 mm (SWK 22 100)



Our circular brushes are suitable for high-gloss polishing using **blue polishing paste** and are made of

cotton yarn
grey flax yarn
glazed yarn
and **wool**

These circular brushes with a diameter of 80 or 90 mm are used particularly for polishing large acrylic veneers at a speed of 4,000 rpm.

Example : Flax yarn 20L/90 mm (SRB 31 200)



Particularly beneficial for splinted crowns and bridges with acrylic veneers, however, are the lathe brushes with

cotton yarn (white)
flax yarn (grey),

as they are well-suited for polishing the interdental spaces. We recommend using **blue polishing paste** at a speed of 3,000 rpm.

Example : Cotton yarn 155/50 mm (SBA 30 100)



Now and again, there are still a few small places that have not been optimally polished – are you familiar with this problem?

You will find the solution with our **Miniature Brushes (MB)**.

If there is still an **interdental** place that still needs some more polishing, we again recommend using our **Goat Hair White**. In contrast to pre-polishing, apply the **blue polishing paste (P3)** here. In this case, the maximum speed of 12,000 rpm should be reduced, if necessary, as the removal rate of this brush is often underestimated. Please also make sure to use a lower contact pressure and to choose a brush with a larger diameter (21 mm or more) to prevent any risk of overheating.

For this application our miniature brushes with **cotton** or **flax yarn**, or **cotton cloth** or **flannel** are also ideal, and are used with the hand-piece at a maximum speed of 12,000 rpm.

Have you ever tried leather?

Our miniature brushes with **chamois leather**, or a combination of **leather/cloth/leather** produce a particularly high gloss at a maximum speed of 12,000 rpm. When using the **Miniature Brush (leather)** you do not need any additional polishing paste. However, you should be fully aware of the risk of overheating.

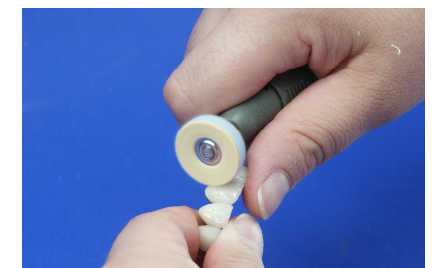
The combined **leather/cloth/leather** variant generates lower heat than the leather brush without cloth. In addition, you can apply **blue polishing paste** to the cotton cloth.



Goat hair 112/21 mm (MBH 12 300)



Cotton 103/21 mm (MBH 30 300)



Leather/cloth 102NL/21 mm (MBH 02 300)