

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

• **Pre-polishing**

- **Polishing felts, unmounted:**

No. 78 (FSU 06 100)	or	No. 58 (FSH 06 100)
79/17 (FZU 17 100)		59/17 (FZH 17 100)
79/21 (FZU 21 100)		59/21 (FZH 21 100)
No. 81 (FPU 21 100)		No. 61 (FPH 21 100)
- **Lathe brush with steel wire** 158/50
- **Cups with steel wire**

Ø 0.08 mm	105 S08	(SBA 68 100)
Ø 0.12 mm	105 S12	(KEH 68 100)
- **Miniature brushes, unmounted: steel wire (0.08 mm)**

Ø 17 mm	136/17 S08	(MBU 68 100)	silver wire (galvanized)
Ø 19 mm	136/19 S08	(MBU 68 200)	Ø 17 mm 137/17 (MBU 78 100)
Ø 21 mm	136/21 S08	(MBU 68 300)	Ø 19 mm 137/19 (MBU 78 200)
Ø 23 mm	136/23 S08	(MBU 68 400)	Ø 21 mm 137/21 (MBU 78 300)
Ø 25 mm	136/25 S08	(MBU 68 500)	Ø 23 mm 137/23 (MBU 78 400)
			Ø 25 mm 137/25 (MBU 78 500)
- **Miniature brushes, mounted: steel wire (0, 8 mm)**

Ø 15 mm	116B/15	(MBH 68 000)	steel wire (0.12 mm)
Ø 17 mm	116/17 S08	(MBH 68 100)	Ø 17 mm 116/17 S12 (MBH 62 100)
Ø 19 mm	116/19 S08	(MBH 68 200)	Ø 19 mm 116/19 S12 (MBH 62 200)
Ø 21 mm	116/21 S08	(MBH 68 300)	Ø 21 mm 116/21 S12 (MBH 62 300)
Ø 23 mm	116/23 S08	(MBH 68 400)	Ø 23 mm 116/23 S12 (MBH 62 400)
Ø 25 mm	116/25 S08	(MBH 68 500)	Ø 25 mm 116/25 S12 (MBH 62 500)
- **Miniature brushes, mounted: silver wire (galvanized)**

Ø 15 mm	117B/15	(MBH 78 000)
Ø 17 mm	117/17	(MBH 78 100)
Ø 19 mm	117/19	(MBH 78 200)
Ø 21 mm	117/21	(MBH 78 300)
Ø 23 mm	117/23	(MBH 78 400)
Ø 25 mm	117/25	(MBH 78 500)
- **Lathe brushes with black bristles (aluminum center) (plastic center)**

Ø 48 mm	150/48	(SBA 11 100)	Ø 48 mm	160/48	(SBK 11 100)
Ø 60 mm	150/60	(SBA 11 200)			
Ø 48 mm calico interleaved	150L/48	(SBA 11 300)			
- **Circular brushes with Chungking bristles** All qualities are beneficial, especially the converging types. (Please choose your favorite brush from our catalogue, pages 37 to 45).
- **Miniature brushes, unmounted: Extra-stiff bristles, small diameters**

Ø 17 mm	124/17	(MBU 14 100)	Miniature brushes, mounted: Extra-stiff bristles, small diameters
Ø 19 mm	124/19	(MBU 14 200)	15 mm 114 B/15 (MBH 14 000)
			Ø 17 mm 114/17 (MBH 14 100)
			Ø 19 mm 114/19 (MBH 14 200)
- **Black bristles, small diameters**

Ø 17 mm	121/17	(MBU 11 100)	Black bristles, small diameters
Ø 19 mm	121/19	(MBU 11 200)	Ø 15 mm 111 B/15 (MBH 11 000)
			Ø 17 mm 111/17 (MBH 11 100)
			Ø 19 mm 111/19 (MBH 11 200)

• **High-gloss polishing**

- **Buffing wheels with cotton cloth** The following articles are beneficial:

29a/100KK fine	(SWK 22 200)
29a/100KK coarse	(SWK 23 200)
- **Lathe brushes with discs of cotton cloth**

Ø 50 mm	156/50	(SBA 22 100)
Ø 90 mm	156/90	(SBA 22 200)
- **Buffing wheels with chamois leather discs**

Ø 90 mm	21a/90	(SWK 00 100)
	Ø 85 mm 21b/85	(SWK 00 200)
- **Lathe brushes with chamois leather discs**

Ø 50 mm	154/50	(SBA 00 100)
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- **Buffing wheels, combined (leather/cloth/leather)**

Ø 90 mm	29 NL/90	(SWK 02 100)
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- **Miniature brushes, chamois leather discs, unmounted**

Ø 17 mm	127/17	(MBU 00 100)	MB, chamois leather discs, mounted
Ø 19 mm	127/19	(MBU 00 200)	Ø 15 mm 100 B/15 (MBH 00 000)
Ø 21 mm	127/21	(MBU 00 300)	Ø 17 mm 100/17 (MBH 00 100)
Ø 23 mm	127/23	(MBU 00 400)	Ø 19 mm 100/19 (MBH 00 200)
Ø 25 mm	127/25	(MBU 00 500)	Ø 21 mm 100/21 (MBH 00 300)
			Ø 23 mm 100/23 (MBH 00 400)
			Ø 25 mm 100/25 (MBH 00 500)
- **Miniature brushes, 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)
- **Polishing paste, red** P1 (POP 91 100)
- **Polishing paste, green** P2 (POP 92 100)

Wishing you good polishing results



Dr. Montemerlo GmbH & Co KG

Josef-Schüttler-Str. 49
78224 Singen,
Germany

Tel: 07731-947 220
Fax: 07731-947 221



Polishing Partial Dentures

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

- Polishing felts
- Lathe brushes with steel wire
- Cups with steel wire
- Miniature brushes with steel wire or silver wire (galvanized)
- Lathe brushes with black bristles
- + calico inter-leaved
- Circular brushes Suprema
- Polishing pastes
- Miniature brushes with black bristles
- with extra-stiff bristles
- Cup with black bristles
- Buffing wheels with chamois leather
- Miniature brush, leather
- Miniature brush, leather/cloth/leather
- Buffing wheel or lathe brush - cotton cloth
- Buffing wheel - combined leather and cloth
- Wildleder-schmalbürste

Pre-polishing

The **sublingual bar** can be pre-polished easily by hand using a **Polishing Felt (1,500 rpm)** together with our **red or green polishing paste (P1 / P2)**.

For places that are difficult to access with the polishing spindle, such as bracket shoulders, transitions between brackets, connectors, we recommend using our following polishing felts:



No. 58



No. 61

The hardness of the felt material gives these polishing felts their excellent stability which is extremely beneficial for polishing partial dentures.



Example: Felt No. 61 (FPH 21 100)

Has it ever annoyed you that after polishing there is not much left of the texture on the palatal plate?

If so, we have the solution for you.

We recommend polishing the small areas by hand, using our **Miniature Brushes or Cups with steel or silver wire (maximum speed of 5,000 rpm)**.

The **large surface of the palatal plate** can be polished on the polishing spindle using a **Lathe Brush of steel wire (maximum speed of 3,000 rpm)**. You will obtain a **silk-matt finish** while maintaining the texture on the palatal plate.

Example: Steel wire 158/50 mm (SBA 68 100)



The classic brush for polishing partial denture alloys is the **Lathe Brush with black bristles**, allowing precise polishing at narrow places, such as transitions to the bracket. In our range of products you will also find a **Lathe Brush with black bristles and interleaved cotton cloth (calico)**. The **interleaved cotton cloth** has the **advantage** that is **absorbs our red or green polishing pastes**. Recommended speed of 3,000 rpm.

Example: Bristles with calico interleaved 150L/48 mm (SBA 41 300)



Our Circular Brushes with Chungking bristles are well-suited for large surfaces. We offer these brushes in three degrees of hardness:

- Labor** (Chungking bristles)
- Prima** (stiff Chungking bristles)
- Suprema** (extra-stiff Chungking bristles)

Principally, all three degrees of hardness are suitable for polishing partial dentures. The Labor brushes are often used first for polishing acrylic material, and later, with shorter bristles for polishing metal. However, the Suprema brush with up to 4 rows of bristles, converging type, is also used by our customers for this field of application, together with the **red or green polishing paste**. Maximum speed of 4,000 rpm (for metal).



Example: Suprema 3/28/55 mm (RSH 32 100)

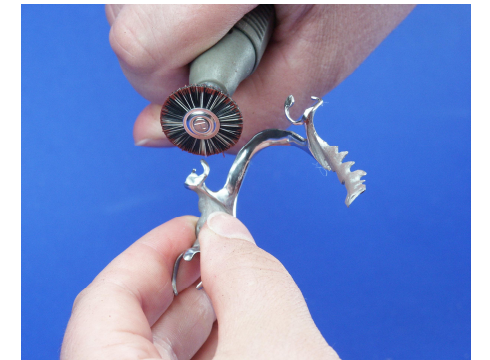
There are still some places that are difficult to access although they are not yet ready for high-gloss polishing. Should pre-polishing be done in these areas using the polishing unit under high pressure despite the risk of getting caught in a bracket?

No!

Polish these areas **manually** using our **Miniature Brushes or Cups**

1. Step: miniature brushes, extra-stiff
2. Step: miniature brushes and cups with black bristles

at a maximum speed of 7,500 rpm together with the red (P1) or green (P2) polishing paste.



Bristle, extra-stiff 114/21 mm (MBH 14 300)

High-gloss polishing

A beautiful, high-gloss finish is achieved using the **Buffing Wheel with cotton cloth** together with the **red (P1) or green (P2) polishing pastes** (maximum speed of 4,000 rpm).

Prior to its initial use, you should 'grind' the buffing wheel slightly using a sharp object. The Lathe Brush with discs of cotton cloth enables a better access to narrow places.

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



A chamois leather Buffing Wheel or a **Lathe Brush of chamois leather** (recommended speed of 3,000 rpm) is also excellently suited for high-gloss polishing of metals. In this case, no additional polishing paste is necessary.

Some of our customers also swear by the **Combined Buffing Wheel (leather/cloth/leather)**. Its advantages are a lesser generation of heat, good stability, and absorption of the red or green polishing pastes in between the cotton cloth discs. Therefore, the combined buffing wheel (recommended maximum speed of 3,000 rpm) is particularly beneficial for polishing after completion, especially for the transitions between metal and plastics.



Lathe brush, leather 154/50 mm (SBA 00 100)

For places that are a little more tricky, we recommend using our **Miniature Brushes 100/... or 102NL/ ...** at a maximum speed of 7,500 rpm.



Example: Chamois 100/21 mm (MBH 00 300)



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