

FINISHING AND POLISHING SYSTEMS
CATALOGUE 2021/2022





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Mälzer Dental

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At your service.

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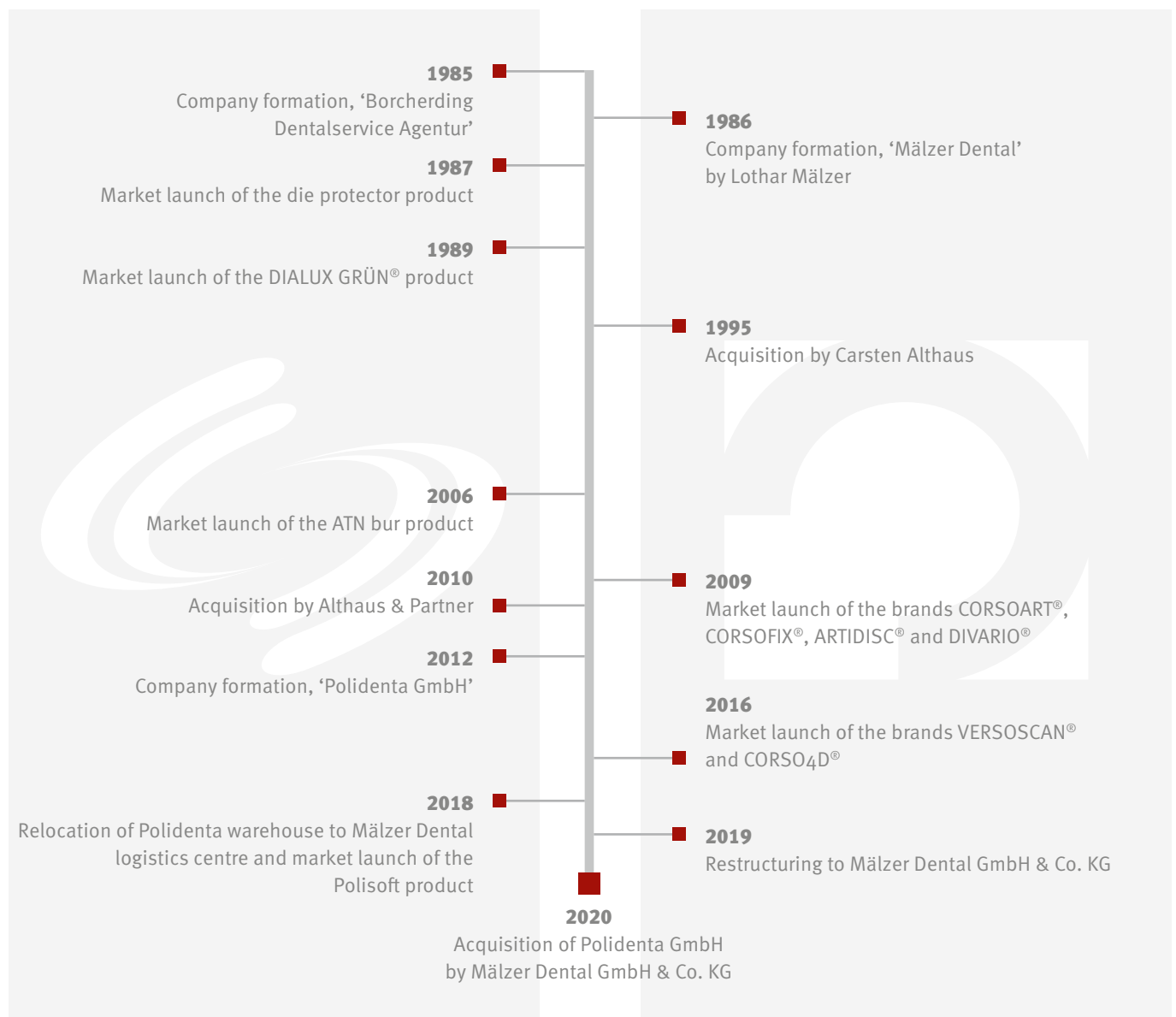
A one-stop shop.

POLIDENTA was previously a major subsidiary within the **Mälzer Dental** Group and can look back on a 20-year history in the dental market. Own brands such as the **die protector** for sealing and curing dental stone surfaces, as well as the diamond-based polishing pastes **DIALUX WEIß**, **DIALUX GRÜN®** and **DIALUX NR. 40®** highlight the benefits of long-standing experience in the dental sector. **ATN burs** are considered to be ‘standard products’ in the rotary instruments segment and have seen successful use for many years.

Mälzer Dental itself looks back on over 30 years of experience in the dental business, whose brands **CORSOART®**, **CORSOFIX®**, **ARTIDISC®**, **DIVARIO®**, **VERSOSCAN®**, **CORSO4D®** and

DIVARIO3D® have assured it a place as a specialist provider of dental systems. All components are made in Germany and are noted for their full compatibility with the products of leading manufacturers also present in the market.

With the formation of **Mälzer Dental GmbH & Co. KG** in 2019, articles from Polidenta now form part of our portfolio and expand our range with a wide variety of high-quality products. The full series of standard products plus a large selection of high-quality grinding stones now adds a product segment not previously served by **Mälzer Dental GmbH & Co. KG**, turning our company into a ‘one-stop shop’!



All from a single source.

Our improved infrastructure has not only streamlined our company but also brought with it a series of customer benefits: we supply everything from one warehouse, one organisation and with a single invoice. Our product portfolio has virtually doubled overnight: apart from the familiar in-house brands from **Mälzer Dental GmbH & Co. KG**, own brands from the former **Polidenta GmbH** are now also available.



Made in Germany.

Nowadays, the vast majority of production facilities are based outside Germany. While this cuts costs, it involves products being shipped around the world – regardless of sustainability and the impact on the environment. This just isn't an option for **Mälzer Dental GmbH & Co. KG**: we keep production routes and delivery channels short to ensure good value for money, while our local production facilities also guarantee that our customers are provided with absolutely first-class quality.

High-quality products at fair prices, made in Germany – that's **Mälzer Dental**.



Practical advice

These icons are used to indicate useful hints and tips: they introduce application scenarios, quick approaches to solutions, and explain and clarify aspects relevant for good practice, precision and cost-effectiveness.



As easy as 1-2-3...



Good to know...



A universal system for maximum results





Diamond saw blades for model saws

- Fine, galvanic diamond coating
- For model saws

Application

| | | | | | |
|--------------|------------------|-----------------------|----------|----------|--------------|
| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Dental stone |
| | | | | | ■ |

Product parameters

| | | |
|---|---|---------------------|
|  | Grit type | semi-diamond-coated |
| | Properties | rigid |
| | Structure | segmented rim |
| | Opt./max. speed  | 3,000 rpm/5,000 rpm |
| | Machine | unmounted |

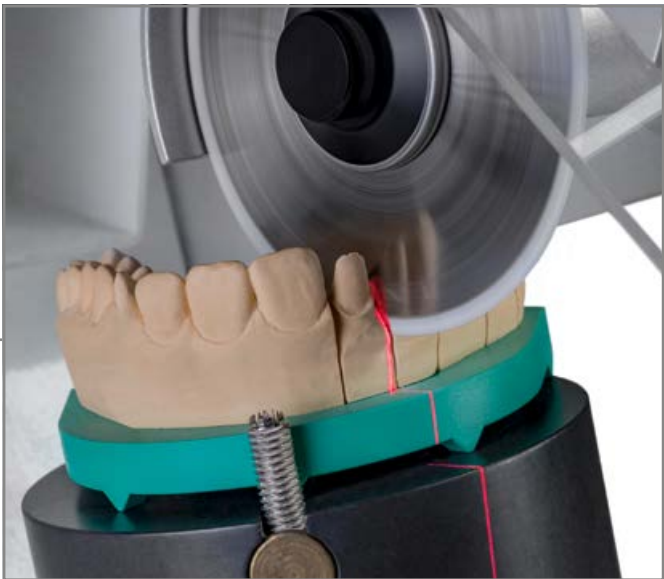


| Art. no. | Fig. | For use with: manufacturer/device | Inner/outer Ø | Thickness | Pack size | Price per pack |
|-----------|------|---|---------------|-----------|-----------|----------------|
| [51001] | | Amann Girrbach/ Diacut Vario & Cutman | 20 mm/75 mm | 0.35 mm | 1 pc | €129.00 |
| [51000] | 1 | Heraeus®/Heraeus® CL-MS model-tray/model-cut Reitel/Unimat & Unicat | 16 mm/80 mm | 0.30 mm | 1 pc | €109.00 |
| [51002] | | Reitel/ Unimat and Unicat | 16 mm/85 mm | 0.30 mm | 1 pc | €109.00 |
| [51003] | 2 | Schick/ G2 Concept | 20 mm/85 mm | 0.50 mm | 1 pc | €169.00 |
| [51004] | | Schick/ G2 Concept | 20 mm/85 mm | 0.35 mm | 1 pc | €149.00 |



Good to know...

Compatible with all popular model saws, including the Diacut Vario model saws from Amann Girrbach (see photo) and model saws from Heraeus®, model-tray, Reitel and Schick.



Diacut plaster cutting discs



- Mounted, semi-diamond-coated cutting disc
- Very quiet cut, long service life
- Fast, precise cutting work without jamming




Application

| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Dental stone |
|--------------|------------------|-----------------------|----------|----------|--------------|
| | | | | | |

Product parameters

| | | |
|--|---|---------------------|
|  | Grit type | semi-diamond-coated |
| | Properties | rigid |
| | Structure | segmented rim |
| | Hand piece | mounted, 2.35 mm |
| | Opt./max. speed  | see details below |

| Art. no. | Fig. | Diameter (Ø) | Thickness | Opt./max. speed  | Pack size | Price per pack |
|-----------|----------|--------------|-----------|---|-----------|----------------|
| [51100] | 1 | 22 mm | 0.22 mm | 15,000 rpm | 1 pc | €14.90 |
| [51101] | 2 | 30 mm | 0.35 mm | 10,000 rpm | 1 pc | €24.95 |
| [51102] | 3 | 45 mm | 0.35 mm | 10,000 rpm | 1 pc | €34.95 |

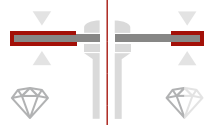
Diacut silver cutting discs

- Mounted, diamond- and semi-diamond-coated cutting discs

Application

| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Dental stone |
|--------------|------------------|-----------------------|----------|----------|--------------|
| | | | | | |

Product parameters

| | | |
|---|------------|-------------------------------|
|  | Grit type | diamond-/ semi-diamond-coated |
| | Properties | rigid |
| | Structure | continuous rim |
| | Hand piece | mounted, 2.35 mm |



| Art. no. | Fig. | Diameter (Ø) | Thickness | Opt./max. speed  | Grit type | Pack size | Price per pack |
|-----------|----------|--------------|-----------|---|---|-----------|----------------|
| [51201] | 1 | 22 mm | 0.18 mm | 20,000 rpm |  | 1 pc | €16.90 |
| [51204] | 2 | 22 mm | 0.22 mm | 15,000 rpm |  | 1 pc | €14.90 |
| [51205] | 3 | 22 mm | 0.22 mm | 15,000 rpm |  | 1 pc | €14.90 |
| [51206] | 4 | 16 mm | 0.22 mm | 30,000 rpm |  | 1 pc | €13.90 |
| [51202] | 5 | 19 mm | 0.22 mm | 30,000 rpm |  | 1 pc | €14.90 |
| [51200] | 6 | 22 mm | 0.22 mm | 25,000 rpm |  | 1 pc | €14.90 |


Motyl cutting discs for ceramics and zirconia

- High-performance cutting discs with a very long service life
- No heating of the processed material and no excessive stress on tools



Application

| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Titanium |
|--------------|------------------|-----------------------|----------|----------|----------|
| | | | ■ | ■ | |

Product parameters

| | |
|---|--|
| Grit type | fibreglass-reinforced and diamond-coated |
| Properties | flexible/rigid |
| Structure | continuous rim |
| Hand piece | unmounted |
| Optimum speed  | 10,000–12,000 rpm for lithium disilicate 10,000–20,000 rpm for zirconia |



| Art. no. | Fig. | Diameter (Ø) | Thickness | Max. speed  | Pack size | Price per pack |
|-----------|------|--------------|---|--|-----------|----------------|
| [51510] | 1 | 20 mm | 0.15 mm | 25,000 rpm | 10 pcs | €22.00 |
| [51506] | 2 | 20 mm | 0.20 mm | 50,000 rpm | 10 pcs | €29.00 |
| [51511] | 3 | 20 mm | 0.20 mm  | 50,000 rpm | 10 pcs | €22.00 |
| [51507] | 4 | 20 mm | 0.30 mm | 50,000 rpm | 10 pcs | €27.00 |
| [51512] | 5 | 20 mm | 0.80 mm | 30,000 rpm | 1 pc | €9.90 |

Motyl cutting discs for titanium and plastics


- High-performance cutting discs with a very long service life
- No heating of the processed material and no excessive stress on tools

Application


| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Titanium |
|--------------|------------------|-----------------------|----------|----------|----------|
| | | | | | ■ |

-  – Double-reinforced with very thin fibreglass fabric
– Longer service life and improved cutting performance

Product parameters

| | |
|---|-----------------------|
| Grit type | fibreglass-reinforced |
| Properties | flexible/rigid |
| Structure | continuous rim |
| Hand piece | unmounted |
| Optimum speed  | 10,000–15,000 rpm |



| Art. no. | Fig. | Diameter (Ø) | Thickness | Max. speed  | Pack size | Price per pack |
|-----------|------|--------------|-----------|--|-----------|----------------|
| [51515] | 1 | 26 mm | 0.40 mm | 50,000 rpm | 20 pcs | €29.00 |
| [51519] | 2 | 26 mm | 0.60 mm | 50,000 rpm | 20 pcs | €27.00 |
| [51520] | 3 | 40 mm | 0.60 mm | 38,000 rpm | 20 pcs | €29.00 |

Motyl cutting discs for noble metals and non-noble metals

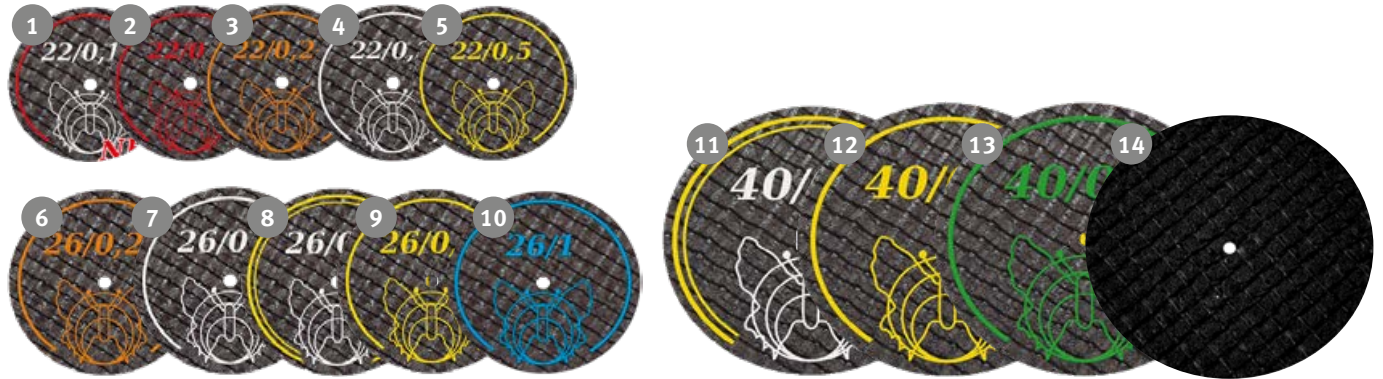
- High-performance cutting discs with a very long service life
- No heating of the processed material and no excessive stress on tools




Application




| Noble metals | Non-noble metals | PMMA, PEEK, composite | Ceramics | Zirconia | Titanium |
|--------------|------------------|-----------------------|----------|----------|----------|
| ■ | ■ | | | | |



Product parameters

| | |
|---|-----------------------|
| Grit type | fibreglass-reinforced |
| Properties | flexible/rigid |
| Structure | continuous rim |
| Hand piece | unmounted |
| Optimum/maximum speed  | see details below |



| Art. no. | Fig. | Diameter (Ø) | Thickness | Opt. speed  | Max. speed  | Pack size | Price per pack |
|-----------|------|--------------|---|--|--|-----------|----------------|
| [51513] | 1 | 22 mm | 0.15 mm | 10,000–20,000 rpm | 25,000 rpm | 20 pcs | €22.00 |
| [51508] | 2 | 22 mm | 0.20 mm | 10,000–25,000 rpm | 50,000 rpm | 20 pcs | €22.00 |
| [51514] | 3 | 22 mm | 0.20 mm  | 10,000–25,000 rpm | 50,000 rpm | 20 pcs | €22.00 |
| [51509] | 4 | 22 mm | 0.30 mm | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €22.00 |
| [51500] | 5 | 22 mm | 0.50 mm | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €22.00 |

| Art. no. | Fig. | Diameter (Ø) | Thickness | Opt. speed  | Max. speed  | Pack size | Price per pack |
|-----------|------|--------------|---|--|--|-----------|----------------|
| [51516] | 6 | 26 mm | 0.20 mm  | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €28.00 |
| [51501] | 7 | 26 mm | 0.30 mm | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €28.00 |
| [51518] | 8 | 26 mm | 0.40 mm | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €28.00 |
| [51502] | 9 | 26 mm | 0.50 mm | 15,000–30,000 rpm | 50,000 rpm | 20 pcs | €28.00 |
| [51521] | 10 | 26 mm | 1.0 mm | 15,000–25,000 rpm | 50,000 rpm | 20 pcs | €28.00 |

| Art. no. | Fig. | Diameter (Ø) | Thickness | Opt. speed  | Max. speed  | Pack size | Price per pack |
|-----------|------|--------------|-----------|--|--|-----------|----------------|
| [51517] | 11 | 40 mm | 0.40 mm | 15,000–25,000 rpm | 38,000 rpm | 20 pcs | €36.00 |
| [51503] | 12 | 40 mm | 0.50 mm | 15,000–25,000 rpm | 38,000 rpm | 20 pcs | €36.00 |
| [51504] | 13 | 40 mm | 0.70 mm | 15,000–25,000 rpm | 38,000 rpm | 20 pcs | €36.00 |
| [51550] | 14 | 38 mm | 1.00 mm | 5,000–10,000 rpm | 10,000 rpm | 25 pcs | €32.00 |

Polystone zirconia coarse

- Sand-coloured abrasive natural diamond grinding stone
- High stock removal with low heat generation
- For dry processing of zirconia and lithium disilicate

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | ■ |

Product parameters

| | |
|---|------------------------------|
| Grit | coarse |
| Optimum/maximum speed  | 10,000–15,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | |
|----------------|---|---|---|---|
| |  |  |  |  |
| Art. no. | [52006] | [52000] | [52004] | [52020] |
| Dimensions | Ø 15 x 3.5 mm | Ø 22 x 2 mm | Ø 5 x 13 mm | Ø 4 x 10.5 mm |
| Shape | wheel, small | lense, large | cylinder, small | cone |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €20.50 | €24.90 | €16.90 | €15.90 |


Polystone zirconia medium

- Mint-coloured natural diamond grinding stones
- High stock removal with low heat generation
- For dry processing of zirconia and lithium disilicate

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | ■ |

Product parameters

| | |
|---|------------------------------|
| Grit | medium |
| Optimum/maximum speed  | 10,000–15,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | |
|----------------|---|---|---|---|
| |  |  |  |  |
| Art. no. | [52007] | [52001] | [52005] | [52003] |
| Dimensions | Ø 15 x 3.5 mm | Ø 22 x 2 mm | Ø 5 x 13 mm | Ø 4 x 10.5 mm |
| Shape | wheel, small | lense, large | cylinder, small | cone |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €20.50 | €24.90 | €16.90 | €15.90 |

Polystone metal

- Abrasive grinding stones for processing non-noble metal alloys
- Long service life

Application

| | | | | | |
|--------------|------------------|----------|-----------------------|----------|----------|
| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|

Product parameters

| | |
|---|------------------------------|
| Grit | medium |
| Optimum/maximum speed  | 12,000–30,000 rpm/35,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | |
|----------------|---|---|---|
| |  |  |  |
| Art. no. | [52042] | [52041] | [52040] |
| Dimensions | Ø 6.5 x 13 mm | Ø 5 x 13 mm | Ø 3.5 x 10.5 mm |
| Shape | cylinder, large | cylinder, small | cone |
| Pack size | 12 pcs | 12 pcs | 12 pcs |
| Price per pack | €12.90 | €12.90 | €12.90 |

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 **CORSOFIX**

 **DIVARIO**

 **VERSOSCAN**

 **CORSO4D**

 **DIVARIO 3D**





Good to know...

ATN burs in day-to-day use

The **ATN burs** series from **Mälzer Dental** consists of a triple **aluminium**, **titanium** and **nitrite** sintered coating. The special curing procedure used for this coating means that only a low level of heat from friction is generated while processing the workpiece.

ATN burs produce a smooth finish and, thanks to their low heat generation, offer a service life up to three times longer, even when pushed to the limit.

The Vickers hardness for **ATN burs** is approx. 3300 VH, compared with a typical 1600 VH for the silver-coloured standard burs. Despite this feature, working pressure should not exceed anything more than normal writing pressure.

Usage information for the ATN series:

- Don't exceed the recommended reference speed (see product parameters), the same applies for the contact pressure of 3 to 5 N
- Let the hand piece rotate at a constant speed without fluctuations
- Clamp the bur up to its neck in the hand piece and clean the collet at regular intervals
- Remove any metal swarf sticking to the bur blades afterwards with a brush for cleaning metal

Vickers hardness for burs

Standard (1,600 VH)

ATN burs (3,300 VH)



ATN NNM burs cross-cut

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Significantly longer service life
- Faster stock removal especially suited to non-noble metals

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | ■ | ■ | | | |

Product parameters

| | | |
|--|---|------------|
|  NNM | Grit | cross-cut |
| | Optimum speed  | 20,000 rpm |
| | Hand piece | 2.35 mm |

| |  |  |  |  |  |
|--|---|---|---|---|---|
| Art. no. | [52803] | [52802] | [52801] | [52804] | [52800] |
| Diameter (Ø) | 1.4 mm | 2.3 mm | 2.3 mm | 4.0 mm | 4.0 mm |
| Shape | egg | torpedo, pointed | cylinder, round | grenade | cone |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €15.95 | €15.95 | €15.95 | €24.95 | €24.95 |



ATN burs helical cross-cut, fine

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Lower speeds possible with plastics
- Significantly longer service life

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | ■ | ■ | ■ | | |

Product parameters

| | | |
|---|---|--|
|  | Grit | helical cross-cut, fine (easy-cut) |
| | Optimum speed  | non-noble metals: 15,000–20,000 rpm titanium: 5,000 rpm plastics: 15,000 rpm |
| | Hand piece | 2.35 mm |

| | | | | | | |
|---|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Art. no. | [52509] | [52513] | [52512] | [52510] | [52507] | [52504] |
| Diameter (Ø) | 1.4 mm | 2.3 mm | 2.3 mm | 2.3 mm | 2.3 mm | 2.3 mm |
| Shape | egg | egg | torpedo | cylinder, round | pear | cone |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €15.95 | €15.95 | €15.95 | €15.95 | €15.95 | €15.95 |

| | | | | | | |
|--|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Art. no. | [52506] | [52500] | [52503] | [52505] | [52511] | [52508] |
| Diameter (Ø) | 2.3 mm | 2.3 mm | 4.0 mm | 4.0 mm | 6.0 mm | 6.0 mm |
| Shape | cone, long, pointed | cone, long | cone | cone, short | cone | grenade |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 35,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €17.95 | €17.95 | €22.95 | €22.95 | €23.95 | €24.95 |



ATN burs cross-cut, fine

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Lower speeds are possible with plastics
- Significantly longer service life
- Extremely hard and smooth surface

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| ■ | ■ | | ■ | | |

Product parameters

| | | |
|--|---|--|
|  140 | Grit | cross-cut, fine |
| | Optimum speed  | noble metals: 25,000 rpm non-noble metals: 15,000 rpm plastics: 15,000 rpm |
| | Hand piece | 2.35 mm |

| | | | | | | |
|--|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Art. no. | [52602] | [52610] | [52611] | [52601] | [52600] | [52607] |
| Diameter (Ø) | 1.4 mm | 2.3 mm | 2.3 mm | 2.3 mm | 1.6 mm | 2.3 mm |
| Shape | egg | torpedo | cylinder, round | pear | cone, pointed | cone, round |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €14.50 | €14.50 | €14.50 | €14.95 | €14.50 | €14.50 |

| | | | | | | |
|--|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Art. no. | [52608] | [52609] | [52605] | [52606] | [52603] | [52604] |
| Diameter (Ø) | 1.0 mm | 1.2 mm | 4.0 mm | 4.5 mm | 4.0 mm | 6.0 mm |
| Shape | torpedo | torpedo | cone | cone | egg | grenade |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 35,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €14.50 | €14.50 | €22.95 | €22.95 | €21.95 | €22.95 |

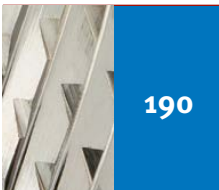

ATN burs cross-cut, normal

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Lower speeds are possible with plastics
- Significantly longer service life
- Normal/universal

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| ■ | ■ | | ■ | ■ | |

Product parameters

| | | |
|---|---|--|
|  190 | Grit | cross-cut, normal |
| | Optimum speed  | noble metals: 25,000 rpm non-noble metals: 15,000 rpm plastics: 15,000 rpm dental stone: 15,000 rpm |
| | Hand piece | 2.35 mm |

| | | | | | | |
|---|---|---|--|---|---|------------|
|  |  |  |  |  |  | |
| Art. no. | [52700] | [52711] | [52709] | [52714] | [52707] | [52703] |
| Diameter (Ø) | 1.4 mm | 2.3 mm | 2.3 mm | 2.3 mm | 2.3 mm | 4.0 mm |
| Shape | egg | egg | torpedo | pear | cone, long, pointed | cone |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €14.50 | €19.95 | €14.50 | €14.95 | €14.70 | €20.95 |

| | | | | | | |
|--|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| Art. no. | [52704] | [52705] | [52706] | [52701] | [52702] | [52708] |
| Diameter (Ø) | 4.5 mm | 5.0 mm | 6.0 mm | 6.0 mm | 6.0 mm | 6.0 mm |
| Shape | cone | cone | cone | flame | grenade | cone, pointed |
| Max. speed  | 50,000 rpm | 40,000 rpm | 35,000 rpm | 35,000 rpm | 35,000 rpm | 35,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €22.95 | €22.95 | €22.95 | €22.95 | €22.95 | €23.95 |



ATN burs cross-cut, fine and extra-fine

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Significantly longer service life
- Very fine finish

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| ■ | ■ | | | | |

Product parameters

| | | | |
|---|------------|---|--|
|  | 110 | Grit | cross-cut fine (138) and very fine (110) |
| | 138 | Optimum speed  | noble metals: 25,000 rpm non-noble metals: 15,000 rpm |
| | | Hand piece | 2.35 mm |

ATN burs cross-cut, coarse and extra-coarse



- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Lower speeds are possible with plastics
- Significantly longer service life*
- Also for soft relinings*

* Does not apply to burs with ISO220

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | | | ■ | ■ | |

Product parameters

| | | | |
|---|------------|---|---|
|  | 220 | Grit | cross-cut coarse (220) and extra-coarse (212: article [52410] and 225: article [52430]) |
| | 212 | Optimum speed  | plastics: 10,000–15,000 rpm dental stone: 15,000 rpm* |
| | 225 | Hand piece | 2.35 mm |

* Does not apply to burs with ISO212



| Art. no. | [52400] | [52612] |
|--|------------|------------|
| Grit | extra-fine | fine |
| Diameter (Ø) | 4.0 mm | 4.0 mm |
| Shape | cone | cone |
| Max. speed  | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc |
| Price per pack | €21.95 | €22.95 |



| Art. no. | [52420] | [52410] | [52430] |
|--|------------|--------------|--------------|
| Grit | coarse | extra-coarse | extra-coarse |
| Diameter (Ø) | 6.0 mm | 6.0 mm | 6.0 mm |
| Shape | grenade | grenade | grenade |
| Max. speed  | 35,000 rpm | 35,000 rpm | 35,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €22.95 | €22.95 | €21.95 |



ATN PEEK burs helical cross-cut, fine

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Lower speeds possible with plastics
- Superior cutting

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | | | ■ | | |

Product parameters

| | | | |
|---|-----|---|--|
|  | 194 | Grit | helical cross-cut, fine (easy-cut) |
| | 274 | Optimum speed  | [52900] 25,000 rpm [52901] 17,500 rpm |
| | | Hand piece | 2.35 mm |

| Art. no. | [52900] | [52901] |
|--|------------|------------|
| Diameter (Ø) | 4.0 mm | 6.0 mm |
| Shape | cone | grenade |
| Max. speed  | 50,000 rpm | 35,000 rpm |
| Pack size | 1 pc | 1 pc |
| Price per pack | €23.95 | €23.95 |

A universal system for maximum results

Several things are essential when working with PEEK and PMMA, including a high cutting speed, sharp burs and superior swarf removal.

The special ATN coating on the **ATN PEEK burs** and their unique cutting geometry prevents heat build-up on the workpiece and dissipates it via the collet. This avoids local overheating on the workpiece.

In terms of both quality and precision, the **ATN PEEK burs** are ideal for achieving optimum results when working on PEEK and PMMA.

To get a perfectly smooth surface finish, the **Polipeek polishers** come highly recommended – see page 30.





ATN parallel burs cross-cut, coarse

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Significantly longer service life
- Standard/universal surface conditioning


Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | ■ | | ■ | | |

Product parameters

| | | | |
|---|------------|---|---|
|  | 190 | Grit | cross-cut, coarse |
| | | Optimum speed  | non-noble metals: 15,000 rpm plastics: 15,000 rpm |
| | | Hand piece | 2.35 mm |



| Art. no. | [52710] | [52712] | [52713] |
|--|------------|------------|------------|
| Degree number | 0° | 1° | 2° |
| Diameter (Ø) | 1.5 mm | 2.0 mm | 2.3 mm |
| Shape | cylinder | torpedo | torpedo |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €19.95 | €19.95 | €19.95 |



ATN parallel burs helical cross-cut, fine

- Aluminium/titanium/nitrite-coated burs
- Superior swarf removal
- Lower risk of bur blades clogging
- Significantly longer service life
- Fine surface conditioning


Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | ■ | | | | |

Product parameters

| | | | |
|---|------------|---|-------------------------|
|  | 134 | Grit | helical cross-cut, fine |
| | | Optimum speed  | 15,000–20,000 rpm |
| | | Hand piece | 2.35 mm |



| Art. no. | [52501] | [52502] | [52514] |
|--|------------|------------|------------|
| Degree number | 0° | 0° | 1° |
| Diameter (Ø) | 1.5 mm | 2.3 mm | 2.0 mm |
| Shape | cylinder | cylinder | torpedo |
| Max. speed  | 50,000 rpm | 50,000 rpm | 50,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €19.95 | €19.95 | €19.95 |



Use in hand piece or a parallel bur device

1) Pre-milling of telescopic crowns/
cone crowns with **coarse ATN parallel burs**.

2) Finishing milling of telescopic crowns/
cone crowns with **fine ATN parallel burs**.



Policarbid burs

- Perfect for working with dental stone and especially suitable for non-hardening plastics used in any kind of dental work
- Easy to clean with brass brush

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | | | ■ | ■ | |

Product parameters

| | |
|---|------------|
| Grit | coarse |
| Optimum speed  | 12,500 rpm |
| Hand piece | 2.35 mm |



Turbo carbide bur

- Very good stock removal results
- Exceptional radial runout accuracy

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | | | ■ | ■ | |

Product parameters

| | | | |
|---|------------|---|-------------------------|
|  | 223 | Grit | cross-cut, extra-coarse |
| | | Optimum speed  | 15,000 rpm |
| | | Hand piece | 2.35 mm |



Carbide bur sintered carbide

- New and improved overall shape
- New blade edge structure

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Dental stone | Zirconia |
|--------------|------------------|----------|-----------------------|--------------|----------|
| | | | ■ | | |

Product parameters

| | | | |
|---|------------|---|---------------------|
|  | 190 | Grit | cross-cut, standard |
| | | Optimum speed  | 20,000 rpm |
| | | Hand piece | 2.35 mm |



| Art. no. | [52080] | [52081] | [52082] |
|--|----------------------|------------------|------------|
| Diameter (Ø) | 8.0 mm | 5.0 mm | 8.0 mm |
| Length | 13.0 mm | 19.0 mm | 13.0 mm |
| Shape | cylinder, blunt nose | cylinder, narrow | flame |
| Max. speed  | 25,000 rpm | 25,000 rpm | 25,000 rpm |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €26.90 | €26.90 | €26.90 |



| Art. no. | [52450] | [52451] |
|--|------------|------------|
| Diameter (Ø) | 4.0 mm | 6.0 mm |
| Shape | grenade | grenade |
| Max. speed  | 25,000 rpm | 25,000 rpm |
| Pack size | 1 pc | 1 pc |
| Price per pack | €15.40 | €17.90 |






| Art. no. | [52715] | [52716] |
|--|------------|------------|
| Diameter (Ø) | 4.0 mm | 6.0 mm |
| Shape | grenade | grenade |
| Max. speed  | 40,000 rpm | 40,000 rpm |
| Pack size | 1 pc | 1 pc |
| Price per pack | €18.00 | €18.00 |

Telefix abrasive paper holder 2.35 mm and 3.00 mm shaft

- Abrasive paper holder with quick-release mechanism for the parallel bur device and the hand piece
- For surface finishing of telescopic crowns and cone crowns with Telefix abrasive paper

Product parameters

| | |
|---|--------------------------------|
| Socket | hand piece/parallel bur device |
| Maximum speed  | 5,000 rpm |
| Shaft diameter | 2.35 mm/3.00 mm |

| | | | | |
|--|---|---|--|---|
| |  |  |  |  |
| Art. no. | [52150] | [52152] | [52151] | [52153] |
| Degree number | 0° | 2° | 0° | 2° |
| Opt. speed  | 4,000–5,000 rpm | 4,000–5,000 rpm | 4,000–5,000 rpm | 4,000–5,000 rpm |
| Socket | shaft 2.35 mm | shaft 2.35 mm | shaft 3.00 mm | shaft 3.00 mm |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €12.95 | €12.95 | €12.95 | €12.95 |



As easy as 1-2-3...

Use in hand piece or a parallel bur device. For optimum surface finishing of telescopic crowns/cone crowns up to 2° with a tangential preparation.



1. Select **Telefix abrasive paper holder** with the required shaft size **0°** or **2°**.
2. Apply self-adhesive **Telefix abrasive paper** of the required grit – **coarse**, **medium** or **fine** – to the holder in accordance with the degree number.



Telefix abrasive paper 120 coarse

- Abrasive paper for the Telefix abrasive paper holder
- Pre-cut, self-adhesive strips for various degree numbers

Product parameters

| | | | |
|---|------------|---|---------------------|
|  | 120 | Grit | coarse 120 |
| | | Opt./max. speed  | 4,000 rpm/5,000 rpm |
| | | Hand piece/ parallel bur device | unmounted |





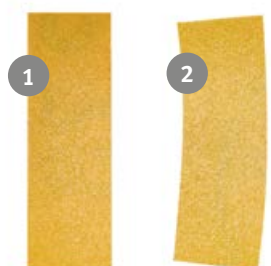
| Art. no. | Fig. | Degree number | Grit | Pack size | Price per pack |
|-----------|----------|---------------|------------|-----------|----------------|
| [52300] | 1 | 0° | 120 coarse | 50 pcs | €25.95 |
| [52301] | 2 | 2° | 120 coarse | 50 pcs | €25.95 |

Telefix abrasive paper 240 medium

- Abrasive paper for the Telefix abrasive paper holder
- Pre-cut, self-adhesive strips for various degree numbers

Product parameters

| | | | |
|---|------------|---|---------------------|
|  | 240 | Grit | medium 240 |
| | | Opt./max. speed  | 4,000 rpm/5,000 rpm |
| | | Hand piece/ parallel bur device | unmounted |





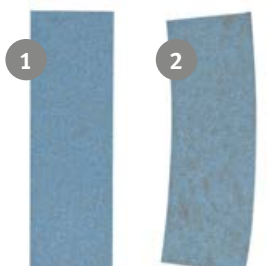
| Art. no. | Fig. | Degree number | Grit | Pack size | Price per pack |
|-----------|----------|---------------|------------|-----------|----------------|
| [52304] | 1 | 0° | 240 medium | 50 pcs | €25.95 |
| [52305] | 2 | 2° | 240 medium | 50 pcs | €25.95 |

Telefix abrasive paper 600 fine

- Abrasive paper for the Telefix abrasive paper holder
- Pre-cut, self-adhesive strips for various degree numbers

Product parameters

| | | | |
|---|------------|---|---------------------|
|  | 600 | Grit | fine 600 |
| | | Opt./max. speed  | 4,000 rpm/5,000 rpm |
| | | Hand piece/ parallel bur device | unmounted |



| Art. no. | Fig. | Degree number | Grit | Pack size | Price per pack |
|-----------|----------|---------------|----------|-----------|----------------|
| [52308] | 1 | 0° | 600 fine | 50 pcs | €25.95 |
| [52309] | 2 | 2° | 600 fine | 50 pcs | €25.95 |

Polisoft medium and fine

NEW

- For processing of zirconia blanks
- To remove joints, connectors or sprues
- To thin out crown margins
- For matting of occlusal surfaces for non-noble metal crowns or night guards

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | | |

Product parameters

| | | | |
|---|------------|---|----------------------|
|  | 180 | Grit | medium |
| | | Opt./max. speed  | 5,000 rpm/10,000 rpm |
| | | Hand piece | mounted/unmounted |
|  | 280 | Grit | fine |
| | | Opt./max. speed  | 5,000 rpm/10,000 rpm |
| | | Hand piece | mounted/unmounted |

| | | | | | |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [52073] | [52073-50] | [52074] | [52074-50] | [52075] |
| Dimensions | Ø 22 x 5.0 mm | Ø 22 x 5.0 mm | Ø 22 x 5.0 mm | Ø 22 x 5.0 mm | Ø 22 x 5.0 mm |
| Grit | medium | medium | fine | fine | medium and fine |
| Includes one mandrel (shank 2.35 mm – art. no. 53400) |  | – |  | – | – |
| Pack size | 25 pcs | 50 pcs | 25 pcs | 50 pcs | 50 pcs |
| Price per pack | €19.95 | €29.95 | €19.95 | €29.95 | €29.95 |



As easy as 1-2-3...

Selecting the right tool for preparing zirconia blanks is a critical decision. The new **Polisoft abrasive pads** guarantee especially fast yet gentle processing of the surfaces without causing any damage to the workpiece.



Choose **Polisoft medium** or **fine** to reduce the connector.



At max. 5,000 rpm, use the **Polisoft abrasive pad** to move gently and without contact pressure over the connector, to reduce this by as much as needed.

Polisoft test set

→ Ideal for working on zirconia, splints and non-noble metals

NEW



Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | ■ | ■ | ■ | ■ |

Product parameters

| | | | |
|---|------------|---|----------------------|
|  | 180 | Grit | medium |
| | | Opt./max. speed  | 5,000 rpm/10,000 rpm |
| | | Hand piece | mounted/unmounted |
|  | 280 | Grit | fine |
| | | Opt./max. speed  | 5,000 rpm/10,000 rpm |
| | | Hand piece | mounted/unmounted |

| | |
|---|-----------------|
| Art. no. | [52076] |
| Dimensions | Ø 22 x 5.0 mm |
| Grit | medium and fine |
| Includes one mandrel (shaft 2.35 mm – art. no. 53400) | ■ |
| Pack size | 12 pcs |
| Price per pack | €9.95 |

Ideal for 'gentle' processing of connector/sprue reductions on crowns and bridgework without causing grooves and scoring on the surface. The unique mesh structure of the **Polisoft abrasive pad** adapts perfectly to the contours of the workpiece surface.



Fine grooves and striations in the surface of the zirconia can be removed precisely with the **Polisoft fine**. Ideal for precision thinning of the crown margin.



Fine, smooth surface structure after using the **Polisoft abrasive pad**.

AABA polishers

- Anthracite-coloured silicone polishers
- Ideal for polishing the metal-to-ceramic transition zone

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | ■ | | | |

Product parameters

| | |
|---|------------|
| Grit | coarse |
| Optimum/maximum speed  | 20,000 rpm |
| Hand piece | unmounted |



| Art. no. | [53060] | [53061] | [53062] |
|----------------|-------------|-------------|-------------|
| Dimensions | Ø 22 x 3 mm | Ø 22 x 3 mm | Ø 7 x 21 mm |
| Shape | wheel | lense | roller |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €55.00 | €55.00 | €55.00 |

Polichrom sapphire polishers


- Dark blue, wear-proof pre-polishers
- Silicon carbide polishers

Compatible
mandrels on
p. 31

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | ■ | ■ | | | |

Product parameters

| | |
|---|---------------------------------------|
| Grit | medium |
| Optimum/maximum speed  | opt. 8,000–15,000 rpm/max. 20,000 rpm |
| Hand piece | unmounted |



| Art. no. | [53010] | [53011] | [53012] |
|----------------|-------------|---------------|-------------|
| Dimensions | Ø 22 x 3 mm | Ø 22 x 3.5 mm | Ø 6 x 22 mm |
| Shape | wheel | lense | roller |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €45.90 | €45.90 | €45.90 |


Polichrom onyx polishers

- Wear-proof silicon carbide polishers
- A great choice together with ATN bur processing

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | ■ | | | |

Product parameters

| | |
|---|----------------------|
| Grit | medium |
| Optimum/maximum speed  | 6,000 rpm/20,000 rpm |
| Hand piece | unmounted |

| | | | |
|----------------|---|---|---|
| |  |  |  |
| Art. no. | [53020] | [53021] | [53022] |
| Dimensions | Ø 22 x 3.2 mm | Ø 22 x 4 mm | Ø 7 x 20 mm |
| Shape | wheel | lense | roller |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €38.50 | €38.50 | €36.00 |

A universal system for maximum results

Impressive polishing results on dental casting alloys when using the wear-proof **Polichrom onyx** polishers. Maximum surface gloss when used together with the **ATN NNM burs** – see page 14.



Policeram aquamarine polishers

→ Universal aquamarine polishers

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | ■ | |

Product parameters

| | |
|-----------------------|----------------------------|
| Grit | medium |
| Optimum/maximum speed | 6,000–8,000 rpm/20,000 rpm |
| Hand piece | unmounted |



| Art. no. | [53050] | [53051] | [53052] |
|----------------|---------------|-------------|-----------------|
| Dimensions | Ø 22 x 3.2 mm | Ø 22 x 4 mm | Ø 6 x 27 mm |
| Shape | wheel | lense | roller, pointed |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €34.50 | €37.50 | €34.50 |

Policeram opal polishers

→ Universal opal polishers

Compatible mandrels on p. 31

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | | | ■ | ■ | |

Product parameters

| | |
|-----------------------|----------------------------|
| Grit | coarse |
| Optimum/maximum speed | 6,000–8,000 rpm/20,000 rpm |
| Hand piece | unmounted |



| Art. no. | [53040] | [53041] | [53042] |
|----------------|---------------|-------------|-----------------|
| Dimensions | Ø 22 x 3.2 mm | Ø 22 x 4 mm | Ø 6 x 25 mm |
| Shape | wheel | lense | roller, pointed |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €45.50 | €45.50 | €45.50 |

Policeram topas polishers

→ Light grey, medium polishers

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | |

Product parameters

| | |
|-----------------------|------------|
| Grit | medium |
| Optimum/maximum speed | 20,000 rpm |
| Hand piece | unmounted |



| Art. no. | [53030] | [53031] | [53032] |
|----------------|-------------|-------------|-------------|
| Dimensions | Ø 22 x 3 mm | Ø 22 x 3 mm | Ø 6 x 22 mm |
| Shape | wheel | lense | roller |
| Pack size | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €60.00 | €60.00 | €60.00 |


Kusto polishers, green

- Silicone polishers for prosthetic and orthodontic plastics, 1st stage green
- Rapid stock removal for all industry-standard prosthetic and orthodontic plastics with coarse grit for shaping/pre-grinding
- No plastic inner core means more material for a longer useful life

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | ■ | | |

Product parameters

| | |
|---|-----------------------|
| Grit | coarse |
| Optimum/maximum speed  | 10,000 rpm/15,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54060] | [54061] | [54062] |
|----------------|-----------------|--------------|----------------|
| Dimensions | Ø 7.8 x 20.5 mm | Ø 10 x 24 mm | Ø 10 x 20.5 mm |
| Shape | cone, small | cone, large | grenade |
| Pack size | 6 pcs | 6 pcs | 6 pcs |
| Price per pack | €11.90 | €11.90 | €11.90 |


Kusto polishers, grey

- Silicone polishers for prosthetic and orthodontic plastics, 2nd stage grey
- Rapid stock removal for all industry-standard prosthetic and orthodontic plastics with coarse grit for shaping/pre-grinding
- No plastic inner core means more material for a longer useful life

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | ■ | | |

Product parameters

| | |
|---|-----------------------|
| Grit | medium |
| Optimum/maximum speed  | 10,000 rpm/15,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54063] | [54064] | [54065] |
|----------------|-----------------|--------------|----------------|
| Dimensions | Ø 7.8 x 20.5 mm | Ø 10 x 24 mm | Ø 10 x 20.5 mm |
| Shape | cone, small | cone, large | grenade |
| Pack size | 6 pcs | 6 pcs | 6 pcs |
| Price per pack | €11.90 | €11.90 | €11.90 |


Polipeek polishers, fine

- 2-stage all-in-one system for PEEK finishing
- For high-gloss finishing of milled or pressed PEEK

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | ■ | | |

Product parameters

| | |
|---|----------------------|
| Grit | fine |
| Optimum/maximum speed  | 8,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [53110] | [53111] | [53112] |
|----------------|---------------|-------------|-----------------|
| Dimensions | Ø 22 x 3.2 mm | Ø 22 x 4 mm | Ø 5 x 16 mm |
| Shape | wheel | lense | roller, pointed |
| Pack size | 3 pcs | 3 pcs | 3 pcs |
| Price per pack | €12.95 | €12.95 | €12.95 |


Polipeek polishers, extra-fine

- 2-stage all-in-one system for PEEK finishing
- For high-gloss finishing of milled or pressed PEEK

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | ■ | | |

Product parameters

| | |
|---|----------------------|
| Grit | extra-fine |
| Optimum/maximum speed  | 8,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [53120] | [53121] | [53122] |
|----------------|---------------|-------------|-----------------|
| Dimensions | Ø 22 x 3.2 mm | Ø 22 x 4 mm | Ø 5 x 16 mm |
| Shape | wheel | lense | roller, pointed |
| Pack size | 3 pcs | 3 pcs | 3 pcs |
| Price per pack | €12.95 | €12.95 | €12.95 |



A universal system for maximum results

Professional PEEK processing in combination with products from **Mälzer Dental**.



Preparing PEEK work with **ATN PEEK burs**
– see page 19.



Pre-polishing PEEK work with the **Polipeek fine polisher**.



Final polishing for PEEK work with the **Polipeek extra-fine polisher**.

Mandrels

- Precision stainless steel mounts for unmounted polishers
- All mandrels with 2.35 mm shaft
- Optimum safety and service life

Product parameters

| | |
|---|------------|
| Socket | hand piece |
| Maximum speed  | 20,000 rpm |
| Shaft diameter | 2.35 mm |



| | | | |
|----------------|--------------------------------------|-------------------------------------|----------------------------------|
| Art. no. | [53405] | [53401] | [53402] |
| Head size | Ø 5.0 mm | Ø 5.0 mm | Ø 5.0 mm |
| Shape | roller mount, conical with stop ring | small head without reinforced shaft | small head with reinforced shaft |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €1.25 | €1.20 | €1.25 |



| | | | |
|----------------|---------------------------------|-----------|----------------------------|
| Art. no. | [53400] | [53407] | [53408] |
| Head size | Ø 8.0 mm | Ø 5.0 mm | Ø 3.0 mm |
| Shape | wide head with reinforced shank | cup | collet mandrel with thread |
| Pack size | 1 pc | 1 pc | 1 pc |
| Price per pack | €1.90 | €1.65 | €3.90 |


Polizirkon polishers, diamond grit medium

- Pre-polishers for zirconia and aluminium oxide
- Specially designed for zirconia restoration work
- No final firing required

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | ■ |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, medium |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53240] | [53241] | [53242] | [53243] | [53244] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.90 | €7.95 | €13.90 |


Polizirkon polishers, diamond grit fine

- High-gloss polishers for zirconia and aluminium oxide
- Specially designed for all-zirconia restoration work
- No final firing required

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | ■ |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, fine |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53250] | [53251] | [53252] | [53253] | [53254] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.90 | €7.95 | €13.90 |

Polisilikat polishers, diamond grit medium

- Pre-polishers
- Specially designed for lithium-disilicate glass ceramics
- Polishing results equal to final firing

Usable with
e.max®

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Silicate ceramics |
|--------------|------------------|----------|-----------------------|----------|-------------------|
| | | | | | ■ |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, medium |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|---|---|---|---|---|---------------|
|  |  |  |  |  | |
| Art. no. | [53260] | [53261] | [53262] | [53263] | [53264] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.90 | €7.95 | €13.90 |

Polisilikat polishers, diamond grit fine

- High-gloss polishers
- Specially designed for lithium-disilicate glass ceramics
- Polishing results equal to final firing

Usable with
e.max®

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Silicate ceramics |
|--------------|------------------|----------|-----------------------|----------|-------------------|
| | | | | | ■ |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, fine |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53270] | [53271] | [53272] | [53273] | [53274] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.90 | €7.95 | €13.90 |

Polibrilliant polishers, diamond grit coarse

- Polishing system for a high gloss on all ceramic materials
- Diamond grit for maximum results
- Rapid surface corrections without additional final firing

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, coarse |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53210] | [53211] | [53212] | [53213] | [53214] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.00 | €7.95 | €13.90 |


Polibrilliant polishers, diamond grit medium

- Polishing system for a high gloss on all ceramic materials
- Diamond grit for maximum results
- Rapid surface corrections without additional final firing

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | ■ | |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, medium |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53220] | [53221] | [53222] | [53223] | [53224] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.00 | €7.95 | €13.90 |

Polibrilliant polishers, diamond grit fine

- Polishing system for a high gloss on all ceramic materials
- Diamond grit for maximum results
- Rapid surface corrections without additional final firing

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | | |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, fine |
| Optimum/maximum speed  | 7,000–12,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |

| | | | | | |
|----------------|---|---|---|---|---|
| |  |  |  |  |  |
| Art. no. | [53230] | [53231] | [53232] | [53233] | [53234] |
| Dimensions | Ø 4 x 13 mm | Ø 20 x 1 mm | Ø 26 x 2 mm | Ø 11 x 2 mm | Ø 17 x 1.6 mm |
| Shape | pointed | lense | big interprox | wheel | fan, medium |
| Pack size | 1 pc | 1 pc | 1 pc | 1 pc | 1 pc |
| Price per pack | €7.95 | €20.90 | €28.00 | €7.95 | €13.90 |

Polipin polishers

- Polishing for hard-to-reach locations
- For fissure polishing
- Matching mandrel art. no. 53408

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | | | |

Product parameters

| | |
|---|-----------------------------|
| Grit | diamond grit, fine |
| Optimum/maximum speed  | 7,000–15,000 rpm/25,000 rpm |
| Hand piece | unmounted |

| | | | | |
|----------------|---|---|---|---|
| |  |  |  |  |
| Art. no. | [53070] | [53071] | [53072] | [53073] |
| Dimensions | Ø 3 x 23 mm | Ø 3 x 23 mm | Ø 3 x 23 mm | Ø 3 x 23 mm |
| Bond | x-hard | hard | medium | soft |
| Grit | medium | very coarse | coarse | medium |
| Pack size | 100 pcs | 100 pcs | 100 pcs | 100 pcs |
| Price per pack | €29.95 | €29.95 | €29.95 | €29.95 |


Miniature brushes

- Brush for polishing hard-to-reach dental surfaces
- Ideal for inner polishing work on secondary telescopes

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

Product parameters

| | |
|---|----------------------|
| Shape | hand piece brush |
| Optimum/maximum speed  | 5,000 rpm/20,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54001] | [54000] | [54002] | [54003] | [54004] | [54005] * |
|----------------|------------------------|------------------------|----------------------|---|---|---|
| Material | Chungking, hard, white | Chungking, hard, black | goatshair, soft | steel wire, crimped | silver wire, straight | steel wire, crimped |
| Application | pre-polishing | pre-polishing | high-gloss polishing | smoothing of noble and non-noble metals | smoothing of noble and non-noble metals | smoothing of noble and non-noble metals |
| Dimensions | Ø 5 x 9.5 mm | Ø 5 x 9.5 mm | Ø 5 x 9.5 mm | Ø 5 x 9.5 mm | Ø 5 x 9.5 mm | Ø 3 x 8 mm |
| Pack size | 12 pcs | 12 pcs | 12 pcs | 12 pcs | 12 pcs | 12 pcs |
| Price per pack | €12.90 | €12.90 | €12.90 | €14.90 | €21.90 | €13.90 |

* Maximum speed 5,000 rpm · shaft: 3.00 mm (→ matching mandrel art. no. 53408)


Polifilz polishing felts

- Ideal for inner polishing work on secondary telescopes
- Ideal mounts for all kinds of polishing materials

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | ■ | ■ | ■ | ■ |

Product parameters

| | |
|---|------------------|
| Shape | cylinder |
| Optimum/maximum speed  | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54040] | [54041] |
|----------------|-------------|-------------|
| Dimensions | Ø 4 x 15 mm | Ø 6 x 15 mm |
| Material | cylinder | cylinder |
| Pack size | 6 pcs | 6 pcs |
| Price per pack | €12.90 | €10.90 |

Robinson polishing brushes



- Original Robinson brushes (made in USA)
- Ideal for polishing metal and plastic surfaces
- Combine with **DIALUX NR. 40®** (art. no. 54520) to achieve outstanding polishing results

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

Product parameters

| | |
|---|------------------------|
| Shape | hand piece wheel brush |
| Optimum/maximum speed  | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54050] | [54050-144] | [54051] | [54051-144] |
|----------------|-------------|---------------|-------------|---------------|
| Diameter (Ø) | 15 mm | 15 mm | 17 mm | 17 mm |
| Material | bison, soft | bison, soft | bison, soft | bison, soft |
| Quality | 9 – soft | 9 – soft | 11 – soft | 11 – soft |
| Pack size | 12 pcs | 144 pcs | 12 pcs | 144 pcs |
| Price per pack | €11.20 | €120.00 | €11.20 | €120.00 |



| Art. no. | [54052] | [54052-144] | [54054] | [54054-144] |
|----------------|-------------|---------------|-------------|---------------|
| Diameter (Ø) | 19 mm | 19 mm | 19 mm | 19 mm |
| Material | bison, soft | bison, soft | bison, hard | bison, hard |
| Quality | 12 – soft | 12 – soft | 12 – stiff | 12 – stiff |
| Pack size | 12 pcs | 144 pcs | 12 pcs | 144 pcs |
| Price per pack | €11.20 | €120.00 | €11.20 | €120.00 |


Goatshair polishing brushes

- Ideal for polishing noble metal and plastic surfaces

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

Product parameters

| | |
|---|------------------------|
| Shape | hand piece wheel brush |
| Optimum/maximum speed  | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |



| Art. no. | [54020] | [54022] |
|----------------|-----------------|---------------------------|
| Diameter (Ø) | 19 mm | 22 mm |
| Material | goatshair, soft | goatshair, soft, 2 layers |
| Pack size | 12 pcs | 12 pcs |
| Price per pack | €16.90 | €27.90 |

Polistar brushes

- Star brushes
- For polishing interdental spaces and fissures with polishing paste

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | | | |

Product parameters

| | |
|-----------------------|-----------------------|
| Shape | hand piece star brush |
| Optimum/maximum speed | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |



| | | | |
|----------------|-----------------------|--------------------------|-----------------------|
| Art. no. | [54092] | [54091] | [54090] |
| Diameter (Ø) | 22 mm | 22 mm | 22 mm |
| Material | Chungking, extra-hard | horsehair, standard hard | goatshair, extra-soft |
| Pack size | 12 pcs | 12 pcs | 12 pcs |
| Price per pack | €14.90 | €14.90 | €14.90 |

Leather inlay brushes

- Brushes with leather inlay
- For pre-polishing and high-gloss polishing in one step



Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

Product parameters

| | |
|-----------------------|------------------------|
| Shape | hand piece wheel brush |
| Optimum/maximum speed | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |



| | | |
|----------------|-------------------------------------|--------------------------------------|
| Art. no. | [54023] | [54024] |
| Diameter (Ø) | 22 mm | 22 mm |
| Material | goatshair, grey, with leather inlay | goatshair, white, with leather inlay |
| Pack size | 12 pcs | 12 pcs |
| Price per pack | €26.50 | €26.50 |


Buff disks

→ Polishing buff disks

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | ■ | ■ | ■ | |

Product parameters

| | |
|---|----------------------|
| Shape | hand piece buff disk |
| Optimum/maximum speed  | 10,000 rpm |
| Hand piece | mounted, 2.35 mm |

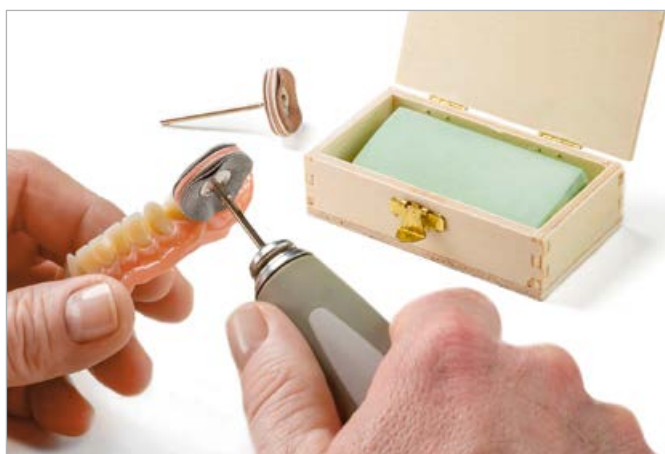
| | | | | |
|----------------|---|---|--|---|
| |  |  |  |  |
| Art. no. | [54030] | [54032] | [54150] | [54151] |
| Dimensions | Ø 22 mm | Ø 22 mm | Ø 22 x 3 mm | Ø 22 x 3 mm |
| Material | cotton | nettle | Alcontura, hard microfiber buff disk | Alcontura, soft microfiber buff disk |
| Pack size | 12 pcs | 12 pcs | 1 pc | 1 pc |
| Price per pack | €24.90 | €19.20 | €6.50 | €6.50 |



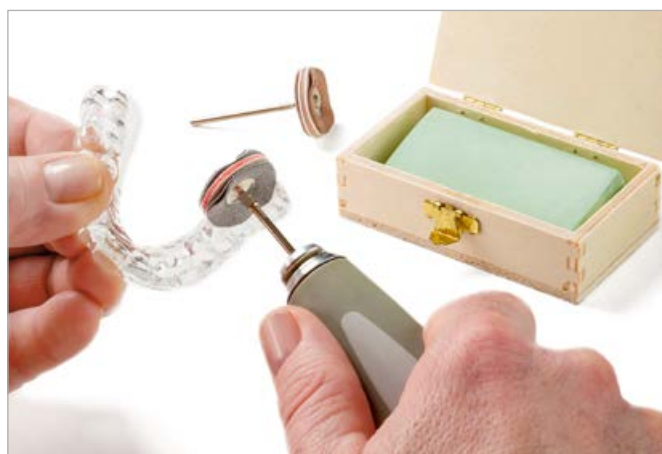
A universal system for maximum results

A high gloss for any workpiece, with the new **Alcontura microfiber buff disks** for hand pieces. An optimum high-gloss polish when combined with the polishing pastes from **Mälzer Dental**.

The **Alcontura microfiber buff disk** adapts perfectly to the prosthetic, reaching even into the tightest interdental spaces. Also available for polishing motors – see page 43.



Pre-polish and final polish of a full denture, with the **Alcontura soft microfiber buff disk** and the **Mälzer Dental** polishing paste **DIALUX GRÜN®** (art. no. 54500).



Pre-polish and final polish of a PMMA night guard, with the **Alcontura soft microfiber buff disk**.

Calibris® brushes

- For pre-polishing and high-gloss polishing in one step
- For pre-polishing, the polishing paste should be applied thoroughly and liberally to the brush. For high-gloss polishing, only the remaining paste is used for the finish.
- No overheating of the workpiece – the surface properties ensure superior absorption of the polishing paste

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | | | ■ | | |



| Art. no. | Fig. | Variant | Diameter (Ø) | Structure | Pack size | Price per pack |
|-----------|------|----------|--------------|---|-----------|------------------|
| [54100] | 1 | original | 80 mm | 3 rows of Chungking bristles, 2 layers of linen | 10 pcs | 1 pack €34.90 |
| [54101] | 2 | mini | 55 mm | 2 rows of Chungking bristles, 1 layer of linen | 12 pcs | 1 pack €38.40 |

Policool brushes

- Chungking brushes for final polishing of papillae, fissures and the interdental spaces with pumice stone or polishing paste
- Bristles are arranged in gaps to create an optimal cooling effect on the workpiece being polished

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |



| Art. no. | Fig. | Variant | Diameter (Ø) | Structure | Pack size | Price per pack |
|-----------|------|---------|--------------|--|-----------|------------------|
| [54121] | 1 | hard | 44 mm | 1 row of Chungking bristles, very narrow | 12 pcs | 1 pack €15.90 |
| [54120] | 2 | medium | 44 mm | 1 row of horsehair bristles, very narrow | 12 pcs | 1 pack €23.20 |

Polichrom brushes

- Hard Chungking brush
- Very long service life
- Combine with the **DIALUX WEIß** polishing paste (art. no. 54510) to achieve a truly outstanding surface finish

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | ■ | | ■ | | |



| Art. no. | Diameter (Ø) | Structure | Pack size | Price per pack |
|-----------|--------------|------------------------------|-----------|----------------|
| [54110] | 70 mm | 2 rows of Chungking bristles | 12 pcs | €29.90 |



Small-core brushes

- For final polishing of papillae, fissures, interdental spaces and metals
- Use with pumice or polishing paste
- Also suitable for high-gloss polishing

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

| Art. no. | Fig. | Variant | Diameter (Ø) | Structure | Pack size | Price per pack |
|-----------|------|---------|--------------|--|-----------|------------------|
| [54132] | 1 | Hard | 49 mm | 1 row of black Chungking bristles | 12 pcs | 1 pack €27.90 |
| [54131] | 2 | Medium | 60 mm | 1 row of brown, extra-long horsehair bristles, very supple | 12 pcs | 1 pack €32.90 |
| [54130] | 3 | Soft | 49 mm | 1 row of white goatshair bristles very soft | 12 pcs | 1 pack €24.95 |

Polivlies brushes

- Very supple polishing brushes with nonwoven inlay for pre-polishing of plastics
- Very good take-up of moist pumice powder
- No singeing thanks to adequate cooling
- Ideal for pre-polishing interdental spaces

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| | | | ■ | | |



| Art. no. | Fig. | Variant | Diameter (Ø) | Structure | Pack size | Price per pack |
|-----------|------|----------|--------------|---|-----------|----------------|
| [54141] | 1 | Standard | 80 mm | 2 rows of white Chungking bristles 1 row of nonwoven inlay | 12 pcs | 1 pack €52.50 |
| [54140] | 2 | Mini | 55 mm | 2 rows of white Chungking bristles 1 row of nonwoven inlay | 12 pcs | 1 pack €42.50 |
| [54143] | 3 | ID | 55 mm | 2 rows of white Chungking bristles 1 row of nonwoven inlay | 12 pcs | 1 pack €39.90 |
| [54142] | 4 | Extra | 80 mm | 2 rows of white Chungking bristles 2 rows of zeta cloth 1 row of nonwoven inlay | 12 pcs | 1 pack €59.00 |



Alcontura microfibre buff disk

- Does not shed fibres or lint
- Service life up to 3 times longer
- Hard for pre-polishing (with pumice powder)
- Soft for high-gloss polishing
- Tip: use only a small amount of polish

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

| Art. no. | Fig. | Variant | Dimensions | Structure | Pack size | Price per pack |
|-----------|------|---------|--------------|--------------------------------------|-----------|------------------|
| [54152] | 1 | Hard | Ø 100 x 8 mm | Alcontura hard, microfibre buff disk | 1 pc | 1 pack €14.90 |
| [54153] | 2 | Soft | Ø 100 x 8 mm | Alcontura soft, microfibre buff disk | 1 pc | 1 pack €14.90 |

Polistandard

- Universal high-gloss buff disk
- For pre-polishing with pumice stone and ideal for a high gloss on plastics
- Very long service life
- Reliable spindle insertion thanks to tapered socket in core
- Excellent polish take-up, thanks to soft and fine grade of surface material

Application

| Noble metals | Non-noble metals | Titanium | PMMA, PEEK, composite | Ceramics | Zirconia |
|--------------|------------------|----------|-----------------------|----------|----------|
| ■ | ■ | | ■ | | |

| Art. no. | Fig. | Variant | Dimensions | Structure | Pack size | Price per pack |
|-----------|------|---------|--------------|---------------------------------|-----------|-----------------|
| [54160] | 3 | Fine | Ø 100 x 7 mm | Cotton surrogate (nettle), fine | 1 pc | 1 pack €5.50 |

General terms and conditions

§ 1 Offers and order placement

- 1.1 A contract of sale is created solely by our written confirmation or delivery of goods, which acts to define the content of this contract.
- 1.2 Collateral agreements, amendments and supplements to the contract are effective only if confirmed in writing on our part. The same applies to guarantees of characteristics and to waivers of the requirement to use the written form.

§ 2 Payment terms, prices

- 2.1 Prices apply ex works, and are exclusive of all ancillary costs and statutory VAT. Prices are stated in euros. Prices subject to change without notice.
- 2.2 If the payment date is missed, the customer undertakes to pay interest on the purchase price at the usual bank debit interest rate.
- 2.3 If the customer's financial circumstances and/or solvency worsen following contract conclusion, we are entitled to exercise our rights pursuant to section 321 of the German Civil Code (BGB) or the right of withdrawing partially or wholly from the contract.

§ 3 Retention of title, assignment

- 3.1 The customer may not assert counterclaims with the aim of refusing or withholding payment, nor claim a set-off, except in cases where we dispute neither the grounds nor the amount of such counterclaims, or where counterclaims are legally binding.
- 3.2 Customer claims against us may not be assigned without our consent.

§ 4 Delivery period, deadline expiry

- 4.1 The delivery period commences on receipt of our order confirmation by the customer.
- 4.2 The delivery deadline is met if the object of delivery has left our premises or its readiness for dispatch has been communicated before this deadline expires.
- 4.3 The delivery deadline is postponed commensurately to the circumstances in the event of industrial action – particularly strikes and lockouts – and if unforeseen hindrances outside our control should occur, insofar as such hindrances demonstrably exert a material influence on the

manufacture or dispatch of the object of delivery. The same applies if our suppliers are affected by such events. Nor are we made answerable by the abovementioned circumstances if these occur during an ongoing period of delay. Any contractual penalty agreed is not incurred under such circumstances.

- 4.4 Observation of the delivery deadline presupposes the customer's fulfilment of contractual obligations.

§ 5 Transfer of risk and receipt, duty to inspect goods and report defects, acceptance

- 5.1 Risk is transferred to the customer no later than the dispatch of the delivery items. Note that this also applies if partial deliveries are made or we are providing other services. Returns are made at the customer's risk.
- 5.2 Partial deliveries may be made. 8.1 takes precedence.
- 5.3 The customer is to inspect the object of delivery thoroughly on receipt and report any defects or delivery errors, shortfall or excess in writing within 10 days. Such reports must be substantiated. The object of delivery is considered accepted on expiry of this period. For latent defects, the burden of proof lies with the customer.
- 5.4 Acceptance can be withheld only on account of material defects.

§ 6 Retention of title

- 6.1 We retain title to the object of delivery until the settlement of all liabilities from the – present or future – business relationship (including all current account balance claims).
- 6.2 The customer may dispose of the object of delivery in the course of normal business, and, in the event of combination or intermixture with other items, transfers to us prorated title to the new thing. If sold, the customer assigns us the former's purchase price payment claim according to our prorated title to the sum of our invoice amount beforehand as a security. We hereby accept this assignment.
- 6.3 If the customer breaches the terms of the contract, especially payment terms, we are entitled to recover a delivery after issuing a demand notice and the customer is obliged to comply. Neither the exercising of our rights to retention of title nor our seizure of the object of delivery constitute withdrawal from the contract, insofar as the German Installment Act (Abzahlungsgesetz) does not apply.

§ 7 Liability for delivery defects

In the event of delivery defects, which include the lack of expressly guaranteed characteristics, our liability is as follows, to the exclusion of other claims, without prejudice to 8 and insofar as the object of delivery is not accepted on the terms of 5.3.

- 7.1 If evidence can be provided that such parts exhibit a defect for which we are culpable within 6 months of delivery, and if this defect was communicated to us without delay in writing, then all such parts are to be reworked or redelivered as we see fit. We acquire title to replaced parts. For material third-party products, our liability is limited to the assignment of liability claims that we are entitled to against our suppliers.
- 7.2 No liability is accepted for losses arising for reasons of natural wear and tear, improper usage or incorrect assembly, commissioning or handling, except where such losses are clearly ascribable to a fault on our part.
- 7.3 The customer is to provide us with time and opportunity sufficient to carry out all of the rework and replacement deliveries adjudged necessary within the limits of our discretion; failure to do so exempts us from our liability for defects.
- 7.4 The warranty given for the replacement item and rework is set at 3 months or the expiry date of the original warranty period for the object of delivery, whichever is the greater.
- 7.5 Any improper modification or servicing work conducted by the customer or a third party without our prior approval voids any and all liability for the consequences of such work.
- 7.6 Other claims on the part of the customer, particularly involving compensation claims for losses not arising from the object of delivery itself, are excluded.

§ 8 Customer's right of withdrawal, other liabilities

- 8.1 The customer may withdraw from the contract if we are definitively unable to render full performance before transfer of risk. The same applies in the event of our inability. The customer may also withdraw from the contract in the event of placing an order for identical items where the performance of one part of the order is impossible in terms of quantity and the customer has a legitimate interest in rejecting a partial delivery; if this is not the case, the customer can reduce order payment correspondingly if both parties agree.

- 8.2 If the impossibility occurs during late acceptance or through fault of the customer, then the latter remains obliged to make payment.

- 8.3 The customer may withdraw following the expiry, without performance and through our fault, of the third appropriate extension granted to us by the former to provide rework or a replacement delivery to remedy a defect for which we are culpable on the terms of the delivery. The customer's right of withdrawal is also granted following our third failure to provide rework or a replacement delivery in other contexts.

§ 9 Copyright

- 9.1 Our drafts, samples, models, tools and so forth are our intellectual property. Even if not prohibited from doing so by specific property rights, the customer may not engage in their copying, their use in other forms of reproduction, their passing to third parties in return for payment or no payment, nor their use in any other way than that stated in the agreement concluded.
- 9.2 The customer bears liability for orders placed to the former's specifications (incl. drawings, samples). Property rights are not infringed in this case.

§ 10 Place of jurisdiction, law, applicability of these T&Cs

- 10.1 German law applies. The place of performance is Hanover, Germany.
- 10.2 Counterparty T&Cs are invalid, also in the event of the matter not being governed by these T&Cs.

Service Hotline

+49 (0) 5033 / 963099-0

Monday to Thursday 8:30 a.m. to 5 p.m. and
Fridays from 8:30 a.m. to 2:00 p.m.



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Returns

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Registered office: Wunstorf, Germany
General partner: Althaus Verwaltungs GmbH
Managing Director: Carsten Althaus
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