EXPORT CATALOGUE

mälzer dental

FLEXIBLE. COMPATIBLE. PRECISE.

ADESSOSPLIT
SYNCHRONISATION

CORSOART
ARTICULATORS

CORSOFIX
FACEBOW

ARTIDISC
COUNTER PLATES

DIVARIO
MODEL SYSTEM

DIVARIO 3D
DIGITAL MODEL MAKING

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Practical advice

This catalogue uses the following icons 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...

Please note...

Quick and simple...

Made in Germany.

Nowadays, the vast majority of production facilities are based outside Germany. While this cuts costs, it means products are shipped around the world – regardless of sustainability and the environmental impact.

This just isn't an option for **Mälzer Dental GmbH & Co. KG**: Short production routes and delivery channels ensure good value for money, while our local production facilities also guarantee that our customers are provided with absolutely first-class quality.

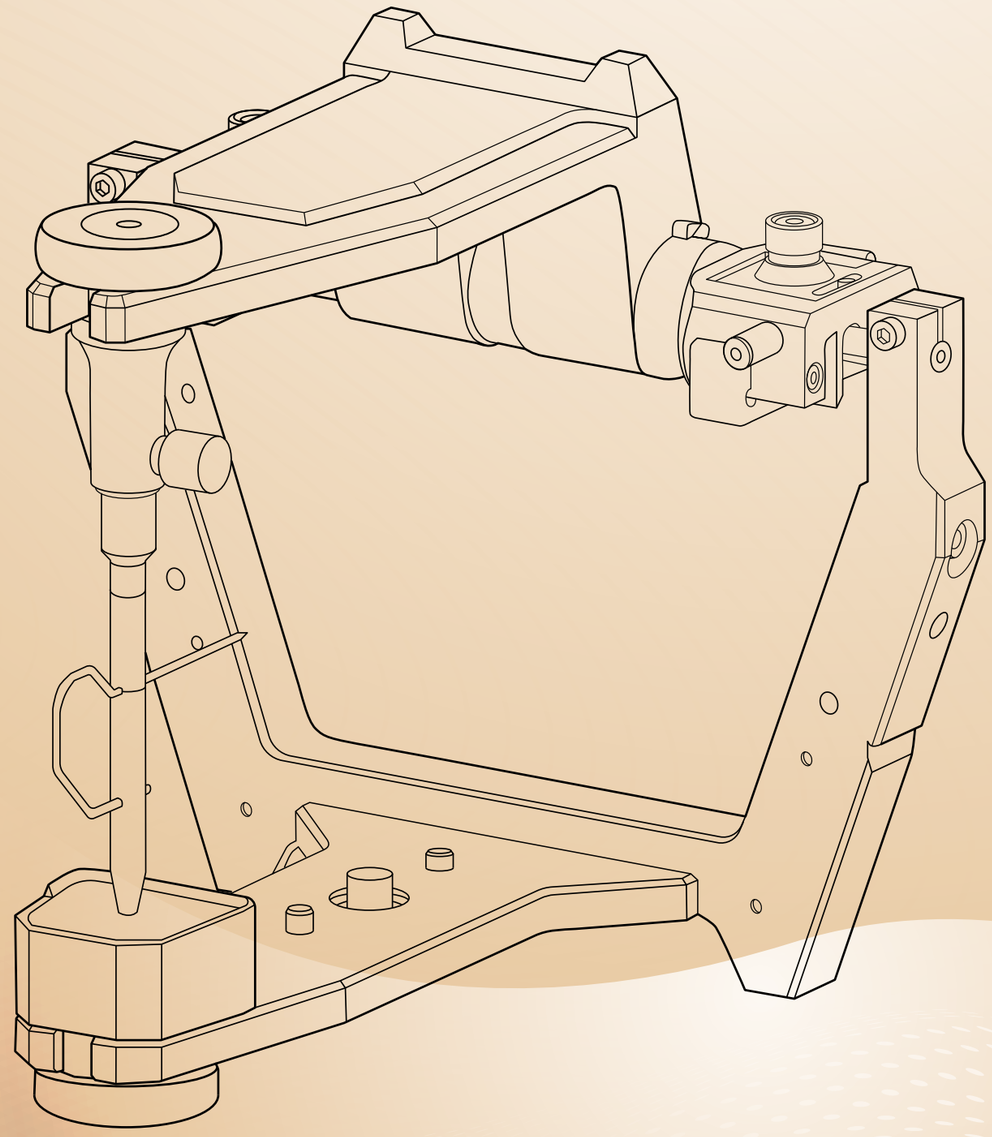
High-quality products made in Germany and at fair prices: that's **Mälzer Dental**.

mälzer dental
MADE IN GERMANY

Sales and Service

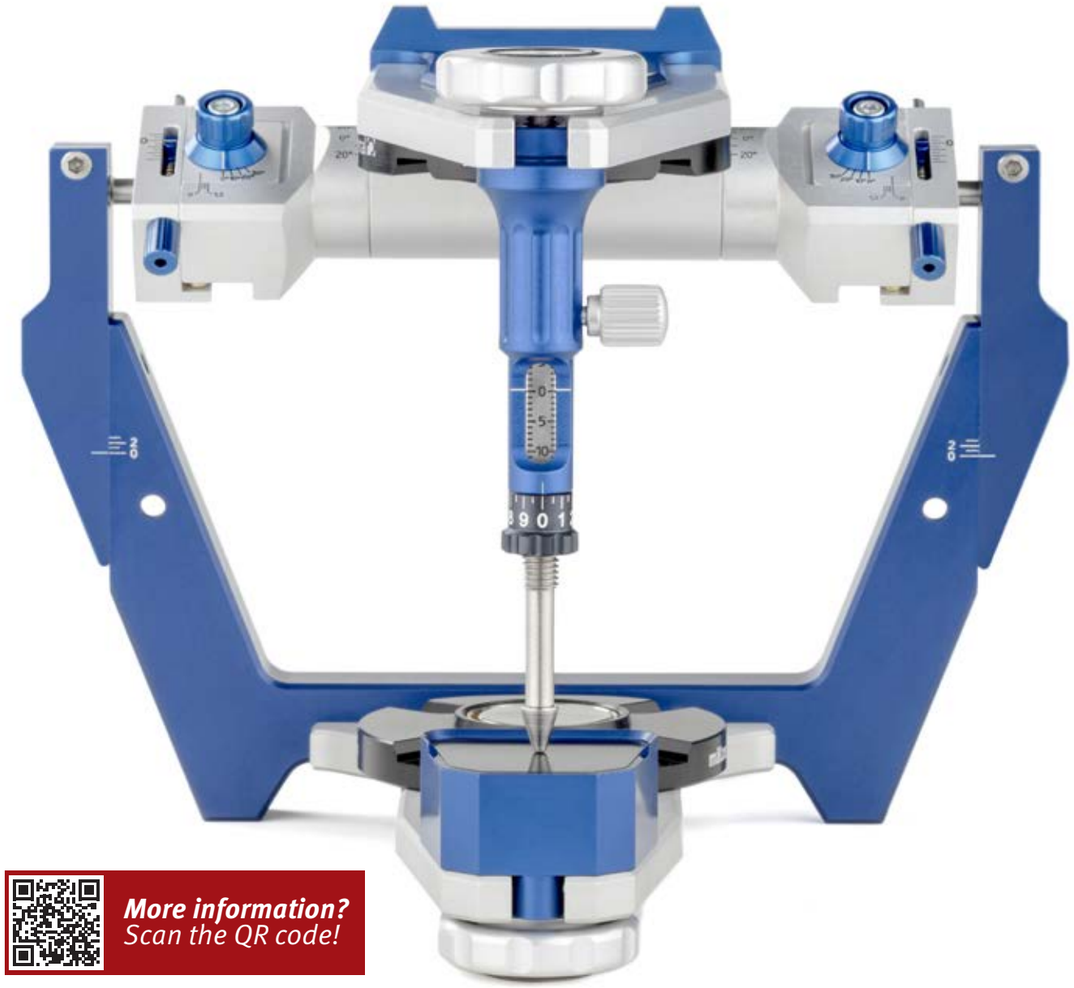
1. Individual advice and assistance – just call us to arrange an appointment!
2. For orders placed before 2 p.m., the goods leave our premises the same day and are usually delivered on the following working day (within Germany)
3. Deliveries are shipped to end users only. Prices are exclusive of postage and packing.
4. All prices are quoted net of VAT. The applicable statutory value-added tax is given separately.
5. Please ask about our volume discounts
6. A 3% early payment discount for direct debit and another 2% discount for orders placed in our online shop
7. Exchanges and returns by arrangement within ten days of goods receipt
8. We are very happy to help you source hard-to-find equipment or materials
9. Made-to-order units possible on request
10. Our general terms and conditions are listed at the end of the catalogue
11. For more information about our products, including downloadable user manuals, please visit our website and our online shop at www.maelzer-dental.de
12. E&OE (including pricing misprints)

Articulators



CORSOART® articulators

CORSOART
ARTICULATORS



More information?
Scan the QR code!

Advantages

- Full compatibility in terms of form factor, reference planes and Bonwill's triangle with a side length of 110 mm
- Precise and stable thanks to its all-metal aluminium construction
- Adjustable Bennett angle and condylar path
- Immediate Side Shift (ISS) function
- Centric quick lock
- Easy to handle due to low tare weight of less than 650 g
- Synchronisation via **ADESSOSPLIT®** or Splitex®
- Rapid Bonwill's triangle determination via quick-click in anterior guide pin holder
- Personalisation of removable plate by laser marking
- Offers good value for money

In detail

Quick-click

Centric quick lock and Immediate Side Shift (ISS) function

*Fully adjustable condyle on the **CORSOART®** BKR*

Individual, laser-based articulator personalisation

45° tilt support

Bennett/condylar adjustment

*Centric quick lock on the **CORSOART®** BKR*

Full compatibility...

*The **CORSOART®** series of NON-Arcon and Arcon articulators has the appealing feature of 100% design compatibility with articulators manufactured by Amann Girrbach and SAM®.*

More than an articulator

Compatible, precise and reliable – the design goals for the series of **CORSOART®** articulators from **Mälzer Dental**.

Meeting all requirements in full plus 100% compatibility with the articulator series offered by Amann Girrbach and SAM® were the guiding principles followed during development work. The result: the new **CORSOART®** articulators – lightweight, precise and easy to use.

Precision in motion – a pioneering approach to form, function and stability!

Structurally identical to the 126 mm Artex® Carbon series

*All **CORSOART® AC-Line articulators** can also be combined with the **plate set for use with Splitex®**.*

*Accessories available **online***

CORSOART ARTICULATORS

AC-Line articulators

- Centric quick lock
- Bonwill's triangle setting via quick-click
- Bennett angle 0–25° adjustable
- Anterior guide pin adjustable from -5 to +10 mm
- Anterior guide table 0°
- Incisal pin included
- Removable tilt support included
- Support pin included
- Supplied without synchronisation system

1

2

3

Product photo	Fig.	Art. no.	Model	Design	Colour	Mounting height	Condylar path inclination 35° (fixed)	Condylar path inclination adjustable from –15° to +60°	Immediate Side Shift function (ISS) from 0–1.2 mm per side	Protrusion 0–6 mm	Retrusion 0–2 mm	Distraction 0–3 mm	Pack size
	1	[12200]	Model B	Non-Arcon	●	126 mm	■	–	–	–	–	–	1 pc
	2	[12210]	Model BK	Non-Arcon	●	126 mm	–	■	–	–	–	–	1 pc
		[12211]	Model BKS	Non-Arcon	●	126 mm	–	■	■	–	–	–	1 pc
	3	[12212]	Model BKR	Arcon	●	126 mm	–	■	■	■	■	■	1 pc

Good to know...

All models also available as **CORSOART® A-Line** with mounting height of 116 mm. Some articulators also available in ●: please ask for details.

Structurally identical to the 121 mm SAM® 2P series

CORSOART ARTICULATORS

S-Line articulators

- Centric quick lock
- Bonwill's triangle setting via quick-click
- Bennett angle 0–25° adjustable
- Anterior guide pin adjustable from -5 to +10 mm
- Anterior guide table 0°
- Removable tilt support included
- Support pin included
- Supplied without synchronisation system

*Accessories available **online***

1

Good to know...

*All **CORSOART® S-Line articulators** can also be combined with the **plate sets for use with Splitex®, AXIOSPLIT®** and **Quicksplit®**.*

2

Product photo	Fig.	Art. no.	Model	Design	Colour	Mounting height	Condylar path inclination 35° (fixed)	Condylar path inclination adjustable from –15° to +60°	Immediate Side Shift function (ISS) from 0–1.2 mm per side	Protrusion 0–6 mm	Retrusion 0–2 mm	Distraction 0–3 mm	Pack size
	1	[12300]	Model B	Non-Arcon	●	121 mm	■	–	–	–	–	–	1 pc
	2	[12310]	Model BK	Non-Arcon	●	121 mm	–	■	–	–	–	–	1 pc

CORSOART
ARTICULATORS

Micro-adjustable anterior guide pin set

Accessories available ***online***

Offers high-precision, ultra-fine adjustment

Art. no.	Fig.	For use with	Colour	Pack size
[12146]	1	**CORSOART®** A-Line and Artex® articulator 116 mm		1 pc
[12246]	2	**CORSOART®** AC-Line and Artex® Carbon articulator 126 mm		1 pc
[12346]	3	**CORSOART®** S-Line and SAM® 2P/SAM® 3 articulators		1 pc

As easy as 1-2-3...

The **micro-adjustable anterior guide pin** can be individually fine-tuned in steps of a tenth to correspond to the bite record. This exact calibration feature is indispensable, since deviations of only up to a couple of tenths can lead to considerable dysfunction of the masticatory apparatus.

The **micro-adjustable anterior guide pin** can be used for all dental restoration work, such as when preparing occlusal splints, for example.
A high-precision instrument that features ultra-fine adjustment, it is also 100% compatible with articulators made by Amann Girrbach and SAM®.

CORSOART
ARTICULATORS

Anterior guide pin

For use with **CORSOART®** AC-Line, Artex® and Artex® Carbon

Art. no.	Fig.	For use with	Pack size
[12241]	–	**CORSOART®** AC-Line	1 pc
[10186]	1	Artex® 116 mm and Artex® Carbon 126 mm*	1 pc

** Supplied without incisal pin (art. no. 12408)*

CORSOART
ARTICULATORS

Personalised removable plate

Individual design for a removable plate

Art. no.	Work package	Pack size
[LAS-100]	Conversion of customer data to DXF format	1 file
[LAS-200]	Laser calibration (only possible with DXF data)	1 laser order
[LAS-300]	Laser marking of customer logo	1 pc

As easy as 1-2-3...

For your **individually-designed removable plate**, we require your logo as a DXF file or in a compatible vector-based format. The logo should also be saved as a black-and-white or halftone image.

We will then use this file to prepare a visual mock-up of your removable plate with your logo (see right-hand fig.).

If you are unsure whether your logo meets these requirements, or only have the logo saved as a JPG, GIF or PNG file, we will be happy to offer the services of our graphic designer, who can check your image and vectorise it (if required) for saving as a DXF file.

Simply send us your logo data and we will handle it from there!

Mounting units including plate set

- Protects articulators from water and dental stone debris
- Fixes centric and vertical height with rigid hinges and incisal pin
- Model removal is simplified by a magnet in the top half that can be rotated and removed
- Locking screw for fixing the position and stopping plaster expansion in the top half

Accessories available ***online***

1

2

3

4

Product photo	Fig.	Art. no.	Plate set	For use with	Colour	Mounting height	Pack size
	1	[10011]	ADESSOSPLIT®	**CORSOART®** A-Line and Artex®		116 mm	1 pc
		[10012]		**CORSOART®** AC-Line and Artex® Carbon		126 mm	1 pc
		[10140]		**CORSOART®** S-Line and SAM® 2P/SAM® 3		121 mm	1 pc
	2	[10011-S]	For use with Splitex®	**CORSOART®** A-Line and Artex®		116 mm	1 pc
		[10012-S]		**CORSOART®** AC-Line and Artex® Carbon		126 mm	1 pc
	3	[10140-QSP]	For use with Quicksplit®	**CORSOART®** S-Line and SAM® 2P/SAM® 3		121 mm	1 pc
	4	[10140-AXP]	For use with AXIOSPLIT®	**CORSOART®** S-Line and SAM® 2P/SAM® 3		121 mm	1 pc

Prices available upon request or as a download from www.maelzer-dental.com

CORSOART
ARTICULATORS

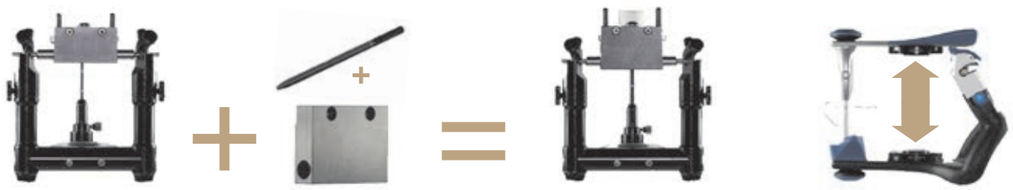
Articulator extensions

For extending articulators to match other mounting heights

Art. no.	Fig.	For use with	Colour	Pack size
[10046]	1	Artex® 116 mm to Carbon version 126 mm incl. anterior guide pin and 2 grub screws	●	1 set
[10048]	2	Artex® Arcon series 116 mm to Carbon version 126 mm incl. anterior guide pin and 2 screws	●	1 set
[10186-C]	3	Anterior guide pin for articulator extension For art. no.: 10046 and 10048	●	1 pc
[10050-C]	–	Artex® mounting unit 116 mm to Carbon version 126 mm	●	1 set
[10045]	4	SAM® 109 mm to SAM® 2P version 121 mm	●	1 set

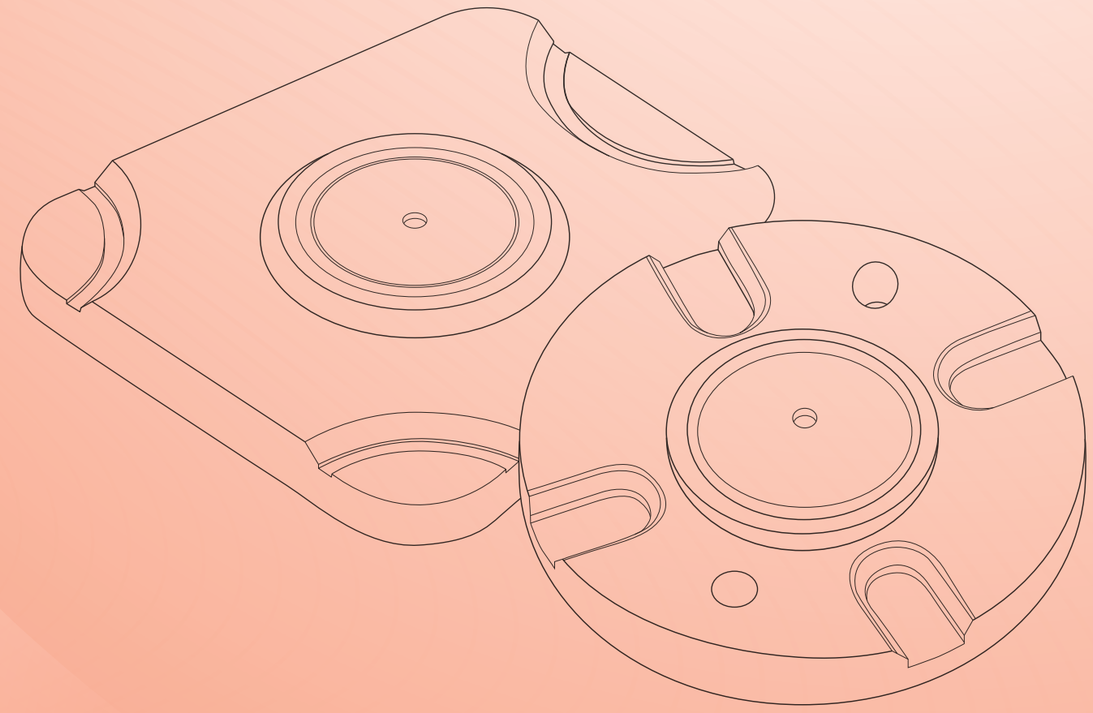
Quick and simple...

With the **articulator extension** (art. no. 10046) from **Mälzer Dental**, the black-and-white 116 mm Artex® articulators can be converted quickly and simply into the 126 mm mounting height used by the Artex® Carbon.



Artex® mounting height 116 mm + ***Articulator extension 10 mm*** *(article no. 10046)* = *Artex® mounting height 126 mm* *Artex® Carbon mounting height 126 mm*

Synchronisation



Prices available upon request or as a download from www.maelzer-dental.com

ADESSOSPLIT® system

ADESSOSPLIT
SYNCHRONISATION

A universal system...

*Wonderfully simple and yet perfectly precise – the **ADESSOSPLIT®** system from **Mälzer Dental**. Synchronisation without loss of precision in a revolutionary design.*

Advantages

- Adjustment possible in all leading articulators
- Synchronisation of a range of articulators with one another, e.g. Artex® with SAM®
- Quick verification of synchronisation in the articulator
- Unique arrangement of contact surfaces ensure quick and precise centring of the mounting plate
- Integrated debris reservoir prevents the creation of bite elevations
- Avoids stress of transporting articulators
- Precise manufacture guarantees everyday stability almost free of tolerances

In detail

Unique arrangement of contact surfaces and integrated debris reservoir

ADESSOSPLIT® spacer plate** in **CORSOART® AC-Line

*Split **ADESSOSPLIT® centring key** in **CORSOART® S-Line***

The key to precision – a universal system!

In day-to-day lab work, precision is of paramount importance. Various work steps are involved, which means a constant to-and-fro between articulators and their synchronisation systems. These 'round trips' through the lab can often mean a loss of precision, which causes inaccuracies in the model. The **ADESSOSPLIT®** synchronisation system from **Mälzer Dental** achieves a unique level of precision and can be mounted in almost all brands of articulators.

The two-part **ADESSOSPLIT®** centring key from **Mälzer Dental** lets the user visualise inaccuracies present within the articulator both visually and haptically, and therefore correct them immediately. A checking tool that offers users maximum precision!

Amann Girrbach Artex® C

Ivoclar STRATOS®

SAM® 2P and SAM® 3

KaVo® Protar®

=

Articles for the ***ADESSOSPLIT®*** *system*

ADESSOSPLIT SYNCHRONISATION

Centring key

- Features a unique, two-part design
- Enables visualisation and correction of inaccuracies in the articulator
- Supplied with plastic box

Art. no.	For use with	Mounting height	Pack size
[10019]	**CORSOART®** A-Line, Artex® and Stratos®	116 mm	1 pc
[10020]	**CORSOART®** AC-Line and Artex® Carbon	126 mm	1 pc
[10009]	**CORSOART®** S-Line and SAM® 2P	121 mm	1 pc

Art. no.	Accessories	Pack size
[10068]	Plastic box for centring key	1 pc

Good to know...

Calibrate and test with just one device

The **ADESSOSPLIT® centring key** is all about accuracy. The world's one and only synchronisation system with a split centring key offers maximum precision. The tiniest inaccuracies within the articulator are clearly and easily visualised, and can be resolved directly.

All of the articulators that are necessary when manufacturing dental prosthetics can be precisely synchronised with one another and tested using the two-part **ADESSOSPLIT® centring key**. This system results in perfect precision throughout the manufacturing process, minimising potential late-stage corrective actions to dental prosthetics, such as may occur due to incorrect occlusal relationships. Constant quality produces optimum results – the calling card for your dental laboratory!

Incorrectly calibrated articulator:
a clearly visible gap with a lateral offset

Properly calibrated articulator:
gap-free closure

ADESSOSPLIT
SYNCHRONISATION

Plate sets

- For all popular average-value articulators

Art. no.	Fig.	For use with	Consisting of	Pack size
[10016]	1	**CORSOART®** A-Line/AC-Line and Artex®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10015]	–	Artex® Carbon	1x base plate, 1x calibration base plate, 1x adhesive plate, 2x threaded plate, assembly tool (supplied without magnetic plates)	1 set
[10015-S18]	–	Artex® Carbon to 116 mm	1x base plate, 1x calibration base plate (supplied without magnetic plates)	1 set
[10000]	–	**CORSOART®** S-Line and SAM®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10027]	–	Candulor® to 116 mm	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10027-126]	–	Candulor® to 126 mm	1x base plate, 1x calibration base plate, 2x magnetic plate and extension set (art. no. 10049)	1 set
[10037]	–	Balance®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10143]	–	Reference SL®	1x base plate, 1x calibration base plate and 1x adhesive plate	1 set
[10080]	–	Artex® mounting height in **CORSOART®** S-Line and SAM®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10086]	–	Stratos® Ivoclar®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10101]	–	Panadent	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set

Magnetic plate and pickup tool

- Neodymium magnetic plate
- For use in the base and calibration base plate and in the spacer plate

Art. no.	Fig.		Pack size
[10003]	1	Magnetic plate	1 pc
[10005]	2	Magnet remover	1 pc

ADESSOSPLIT
SYNCHRONISATION

Spacer plate 10 mm

- For **CORSOART®** AC-Line 126 mm to **CORSOART®** A-Line 116 mm
- For Artex® Carbon 126 mm to Artex® 116 mm
- Supplied with magnetic plate

Art. no.	For use with	Pack size
[10021]	**CORSOART®** AC-Line to 116 mm and Artex® Carbon to 116 mm	1 pc

ADESSOSPLIT
SYNCHRONISATION

Base plates

- For screw fitting to top half of articulator
- Base plate for Artex® can also be used for transfer stand (art. no. 10238)
- Supplied without magnetic plate (art. no. 10003)

Art. no.	For use with	Pack size
[10016-S]	**CORSOART®** A-Line/AC-Line and Artex®	1 pc
[10015-S]	Artex® Carbon	1 pc
[10017-SC]	Artex® Carbon 126 mm to 116 mm, 18 mm, with screw thread, incl. locking screw (not shown)	1 pc
[10000-S]	**CORSOART®** S-Line and SAM®	1 pc
[10037-S]	Balance®	1 pc
[10080-S]	Artex® mounting height in **CORSOART®** S-Line and SAM®	1 pc
[10086-S]	Stratos® Ivoclar®	1 pc
[10101-S]	Panadent	1 pc

ADESSOSPLIT
SYNCHRONISATION

Calibration base plates

- For gluing into the articulator bottom half with **ADESSOSPLIT®** metal adhesive (art. no. 10070)
- Supplied without magnetic plate (art. no. 10003)

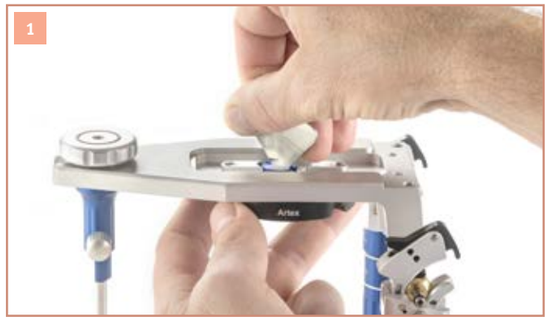
Art. no.	For use with	Pack size
[10016-JS]	**CORSOART®** A-Line/AC-Line and Artex®	1 pc
[10015-JS]	Artex® Carbon	1 pc
[10000-JS]	**CORSOART®** S-Line and SAM®	1 pc
[10037-JS]	Balance®	1 pc
[10080-JS]	Artex® mounting height in **CORSOART®** S-Line and SAM®	1 pc
[10086-JS]	Stratos® Ivoclar®	1 pc
[10101-JS]	Panadent	1 pc

As easy as 1-2-3...

ADESSOSPLIT
SYNCHRONISATION

Preparing for synchronisation

1



*Screw the **ADESSOSPLIT® base plate** tightly into the top half of the articulator.*

2

*Set all values on the **CORSOART® articulator** to "0". The turn the **CORSOART® articulator** upside down and fit the **ADESSOSPLIT® centring key** to the **ADESSOSPLIT® base plate** in the top half of the articulator.*

3

*Check the **ADESSOSPLIT® calibration base plate** for cleanliness and place on the **ADESSOSPLIT® centring key**.*

4

*Close the **CORSOART® articulator** before applying adhesive. Ensure a bond line of 1–2 mm between the **ADESSOSPLIT® calibration base plate** and the articulator bottom half; ensure the incisal pin is in contact with the anterior guide table.*

5

*To ensure a correct bond, always use **ADESSOSPLIT® metal adhesive** (art. no. 10070).*
*Degrease the **ADESSOSPLIT® calibration base plate** and bottom half of the articulator. Mix the **ADESSOSPLIT® metal adhesive** uniformly until a homogeneous consistency is achieved. Then apply the adhesive to the centre of the **ADESSOSPLIT® calibration base plate**.*
Working life is approximately 3 min.

6

*Tilt the **ADESSOSPLIT® centring key** backwards slightly in order to close the **CORSOART® articulator**. Let the **ADESSOSPLIT® metal adhesive** cure for approx. 160 min. with the **CORSOART® articulator** closed. Use a rubber band to fix the **CORSOART® articulator** in place. Make sure that the incisal pin is supported by the anterior guide table.*

As easy as 1-2-3...

ADESSOSPLIT
SYNCHRONISATION

Releasing the synchronisation

1

*To release the **ADESSOSPLIT® calibration base plate**, remove the top half of the articulator and the anterior guide table.*

2

Use a magnet pickup tool to lift the magnets out sideways.

3

*Using a hot air gun, apply heat uniformly to the centre of the **ADESSOSPLIT® calibration base plate**. After approx. 30–60 seconds, use a wax or plaster knife to release the plate from the bottom half of the articulator. Caution: Risk of burn injury – always work on a heat-resistant surface!*

4

*Any residues of metal adhesive can be removed from the **ADESSOSPLIT® calibration base plate** using a utility knife — re-heat the **ADESSOSPLIT® calibration base plate** with the hot air gun if necessary. Caution: Risk of burn injury – use safety gloves or a heat-proof cloth!*

Good to know...

The instructions for the **ADESSOSPLIT® system** naturally also apply for its utilisation with all other synchronisation systems, such as with a **plate set for use with Splitex®**.

ADESSOSPLIT
SYNCHRONISATION

Metal adhesive

- Two-component metal adhesive
- For gluing the calibration base plate into the bottom half of the articulator
- The unique formulation prevents shrinkage of the adhesive components and offers maximum resistance to ageing

Art. no.	Fig.	Metal adhesive and accessories	Pack size
[10070]	1	Metal adhesive	1 pc, 25 ml
[10071]	2	Metal adhesive, incl. pack of 3 mixing nozzles	1 pc, 50 ml
[10072]	3	Mixing nozzles	3 pcs
[10073]	4	Metal adhesive dosing gun	1 pc

Care/release spray

- For upkeep of **CORSOART®** articulators, trimmers and cuvettes
- Protects all components from moisture and soiling
- Release agent for plaster, wax and plastics

Art. no.	Pack size
[12015]	1 can, 400 ml

ARTIDISC-A
COUNTER PLATES

Plastic counter plates for ADESSOSPLIT®

- High-impact resistance, high-precision plastic
- Reusable
- Adapts without deformation to the base plate, and ensures a continuous level of precision and quality during mounting
- Replaces the plaster base from the base plate mould
- Ready to use
- Avoids fit problems arising from plaster expansion
- Supplied without magnetic plates

Art. no.	Colour	Pack size
[10153]		100 pcs
[10154]		100 pcs
[10155]		100 pcs
[10156]		100 pcs
[10157]		100 pcs
[10162]		100 pcs
[10163]		100 pcs
[10164]		100 pcs

Magnetic discs

- For use with counter plates from the **ADESSOSPLIT®**, Splitex® and Quicksplit® systems

Art. no.	Material	Dimensions	Pack size
[10007]	Nickel-plated steel	35 x 1.5 mm	100 pc

Art. no.	Material	Dimensions	Pack size
[10249]	Magnetised stainless steel	35 x 1.5 mm	100 pc

Articles for use with the Splitex® system

Centring key for use with Splitex®

- Features a unique, two-part design
- Enables visualisation and correction of inaccuracies in the articulator
- Supplied with plastic box

Art. no.	For use with	Mounting height	Pack size
[10024]	**CORSOART®** AC-Line and Artex® Carbon	126 mm	1 pc

Art. no.	Accessories	Pack size
[10068]	Plastic box for centring key	1 pc

Good to know...

Calibrate and test with just one device

Following the great success of the two-part **ADESSOSPLIT® centring key**, the key can now also be used with the Splitex® system, where it delivers the same 100% precision. Larger inaccuracies are easily visualised and haptic feedback is provided.

Articulator synchronisation is a basic precondition for the manufacture of properly-seated dental prosthetics, and the **centring key for us with Splitex®** provides the basis for all further steps in the process. Each item of equipment in a work step is synchronised perfectly with the others, to ensure that even the tiniest deviations are excluded from the outset. Incorrect occlusal relationships, due to inaccurate synchronisation, would require major corrective measures to the final dental prosthetics and therefore complicate the entire manufacturing process.

Constant quality ensures optimum results every time – the calling card for any dental laboratory!

Incorrectly calibrated articulator:
a pronounced gap with a lateral offset

Properly calibrated articulator:
gap-free closure

Plate sets for use with Splitex®

- For all **CORSOART®** and Artex® articulators

Art. no.	Fig.	For use with	Consisting of	Pack size
[10008]	1	**CORSOART®** A-Line/AC-Line and Artex®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10008-C]	–	Artex® Carbon 126 mm	1x base plate, 1x calibration base plate, 1x adhesive plate, 2x threaded plate, assembly tool (supplied without magnetic plates)	1 set
[10008-C-S18]	–	Artex® Carbon to 116 mm	1x base plate, 1x calibration base plate, 1x adhesive plate, 2x threaded plate, assembly tool (supplied without magnetic plates)	1 set
[10081]	–	**CORSOART®** S-Line	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set

Spacer plate 10 mm For use with Splitex®

- For **CORSOART®** AC-Line 126 mm to **CORSOART®** A-Line 116 mm
- For Artex® Carbon 126 mm to Artex® 116 mm
- Supplied with magnetic plate

Art. no.	For use with	Pack size
[10013]	**CORSOART®** AC-Line to 116 mm and Artex® Carbon to 116 mm	1 pc

Magnetic plate and pickup tool

- Neodymium magnetic plate
- For use in the base and calibration base plate, and in the spacer plate

Art. no.	Fig.		Pack size
[10003]	1	Magnetic plate	1 pc
[10005]	2	Magnet remover	1 pc

Duo double plate for use with Splitex® with ADESSOSPLIT® profile

- Simple changeover from Splitex® to the **ADESSOSPLIT®** profile, by simply placing the Duo-Scan double plate onto the Ceramill® Motion scan holder
- Consisting of: 1x base plate, 1x magnetic plate

Art. no.	Pack size
[10059]	1 pc

Plate sets for Candulor® to Artex® dimensions for use with Splitex®

Art. no.	Fig.	For use with	Consisting of	Pack size
[10026]	–	Candulor® to 116 mm	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set
[10026-126]	1	Candulor® to 126 mm	1x base plate, 1x calibration base plate, 2x magnetic plate and 1x extension set (art. no. 10049)	1 set

Quick and simple...

Converting Candulor® to Artex® dimensions

In just a few steps, Artex® dimensions are transferred to the Candulor® articulator. With the **plate sets for Candulor® to Artex® dimensions for use with Splitex®**, it is now possible to synchronise a Candulor® articulator with the Artex® articulator: Artex® dimensions are transferred to the Candulor® articulator and the articulators are synchronised precisely 1:1 according to gnathological aspects. All work steps can now be performed simultaneously in an Artex® and Candulor® articulator.

ADESSOSPLIT
SYNCHRONISATION

Metal adhesive

- Two-component metal adhesive
- For gluing the calibration base plate into the bottom half of the articulator
- The unique formulation prevents shrinkage of the adhesive components and offers maximum resistance to ageing

Art. no.	Fig.	Metal adhesive and accessories	Pack size
[10070]	1	Metal adhesive	1 pc, 25 ml
[10071]	2	Metal adhesive, incl. pack of 3 mixing nozzles	1 pc, 50 ml
[10072]	3	Mixing nozzles	3 pcs
[10073]	4	Dosing gun for metal adhesive	1 pc

Care/release spray

- For upkeep of **CORSOART®** articulators, trimmers and cuvettes
- Protects all components from moisture and soiling
- Release agent for plaster, wax and plastics

Art. no.	Pack size
[12015]	1 can, 400 ml

ARTIDISC-S
COUNTER PLATES

Plastic counter plates for use with Splitex®

- High-impact resistance, high-precision plastic
- Reusable
- Adapts without deformation to the base plate, and ensures a continuous level of precision and quality during mounting
- Replaces the plaster base from the base plate mould
- Ready to use
- Avoids fit problems arising from plaster expansion
- Supplied without magnetic plates

Art. no.	Colour	Pack size
[10158]		100 pcs
[10159]		100 pcs
[10183]		100 pcs
[10266]		100 pcs
[10267]		100 pcs
[10268]		100 pcs
[10269]		100 pcs

Magnetic discs

- For use with counter plates from the **ADESSOSPLIT®**, Splitex® and Quicksplit® systems

Art. no.	Material	Dimensions	Pack size
[10007]	Nickel-plated steel	35 x 1.5 mm	100 pc

Art. no.	Material	Dimensions	Pack size
[10249]	Magnetised stainless steel	35 x 1.5 mm	100 pc

Articles for use with the KaVo® system

Base plate for use with KaVo®

- Consisting of 1x base plate, 1x magnetic plate, 2x screws and 2x threaded pins
- For use in the base and calibration base plate, and in the spacer plate

Art. no.	For use with	Pack size
[10031-S]	KaVo®	1 pc

Magnetic plate

- Neodymium magnetic plate
- For use in the base and calibration base plate, and in the spacer plate

Art. no.	Pack size
[10003]	1 pc

Magnet remover

- For lifting the magnetic plate out of the base/calibration base plate and spacer plate quickly and easily

Art. no.	Pack size
[10005]	1 pc

Please note...

ADESSOSPLIT® metal adhesive for adjustment – see page 32.

ARTIDISC-K COUNTER PLATES

Plastic counter plates for use with KaVo®

- High-impact resistance, high-precision plastic
- Reusable
- Adapts without deformation to the base plate, and ensures a continuous level of precision and quality during mounting
- Replaces the plaster base from the base plate mould
- Ready to use
- Avoids fit problems arising from plaster expansion
- Supplied without magnetic plates

Art. no.	Colour	Pack size
[10254]		50 pcs
[10255]		50 pcs
[10256]		50 pcs
[10248]		50 pcs

Magnetic discs for use with KaVo®

- For use with KaVo® counter plate

Art. no.	Material	Pack size
[10257]	Nickel-plated steel with lip	50 pcs

Good to know...

ARTIDISC®-K – economical and precise

The **plastic counter plates for use with Kavo®** from **Mälzer Dental** are impressively accurate in ensuring an exact match to the Kavo® synchronisation system: cost-effective, available in a rainbow of colours, reusable without compromising precision.

Articles for use with the Quicksplit® system

Plate sets for use with Quicksplit®

Art. no.	For use with	Consisting of	Pack size
[10085]	**CORSOART®** S-Line and SAM®	1x four-ribbed base plate, 1x four-ribbed calibration base plate and 2x magnetic plate	1 set
[10095]	**CORSOART®** A-Line/AC-Line and Artex®	1x four-ribbed base plate, 1x four-ribbed calibration base plate and 2x magnetic plate	1 set

Good to know...

Improves on the original

With its calibration method, the **plate set for use with Quicksplit®** improves on the original to offer greater precision in synchronisation. True to the calibration principle of the **ADESSOSPLIT® system**, the calibration base plate is fixed in the bottom half of the articulator without an extra adhesive plate. Since it no longer needs to use this extra adhesive plate, the calibration base plate can be spot-glued and calibrated with **ADESSOSPLIT® metal adhesive** (art. no. 10070). This approach ensures a more consistent synchronisation than conventional practice.

This standard of quality has proven its worth for many years in the **ADESSOSPLIT® system** and is now also available for the **plate set for use with Quicksplit®**.

Plastic counter plates for use with Quicksplit®

- High-impact resistance, high-precision plastic
- Reusable
- Adapts without deformation to the base plate, and ensures a continuous level of precision and quality during mounting
- Replaces the plaster base from the base plate mould
- Ready to use
- Avoids fit problems arising from plaster expansion
- Supplied without magnetic plates

Art. no.	Colour	Pack size
[10165]		50 pcs
[10167]		50 pcs

Magnetic discs

- For use with counter plates from the **ADESSOSPLIT®**, Splitex® and Quicksplit® systems

Art. no.	Material	Dimensions	Pack size
[10007]	Nickel-plated steel	35 x 1.5 mm	100 pc
[10249]	Magnetised stainless steel	35 x 1.5 mm	100 pc

Magnetic plate and pickup tool

- Neodymium magnetic plate
- For use in the base and calibration base plate, and in the spacer plate

Art. no.	Fig.		Pack size
[10003]	1	Magnetic plate	1 pc
[10005]	2	Magnet remover	1 pc

Articles for use with the AXIOSPLIT® system

Plate set for use with AXIOSPLIT®

Art. no.	For use with	Consisting of	Pack size
[10029]	**CORSOART®** S-Line and SAM®	1x base plate, 1x calibration base plate and 2x magnetic plate	1 set

Magnetic plate and pickup tool

- Neodymium magnetic plate
- For use in the base and calibration base plate, and in the spacer plate

Art. no.	Fig.		Pack size
[10003]	1	Magnetic plate	1 pc
[10005]	2	Magnet remover	1 pc

Good to know...

Improves on the original

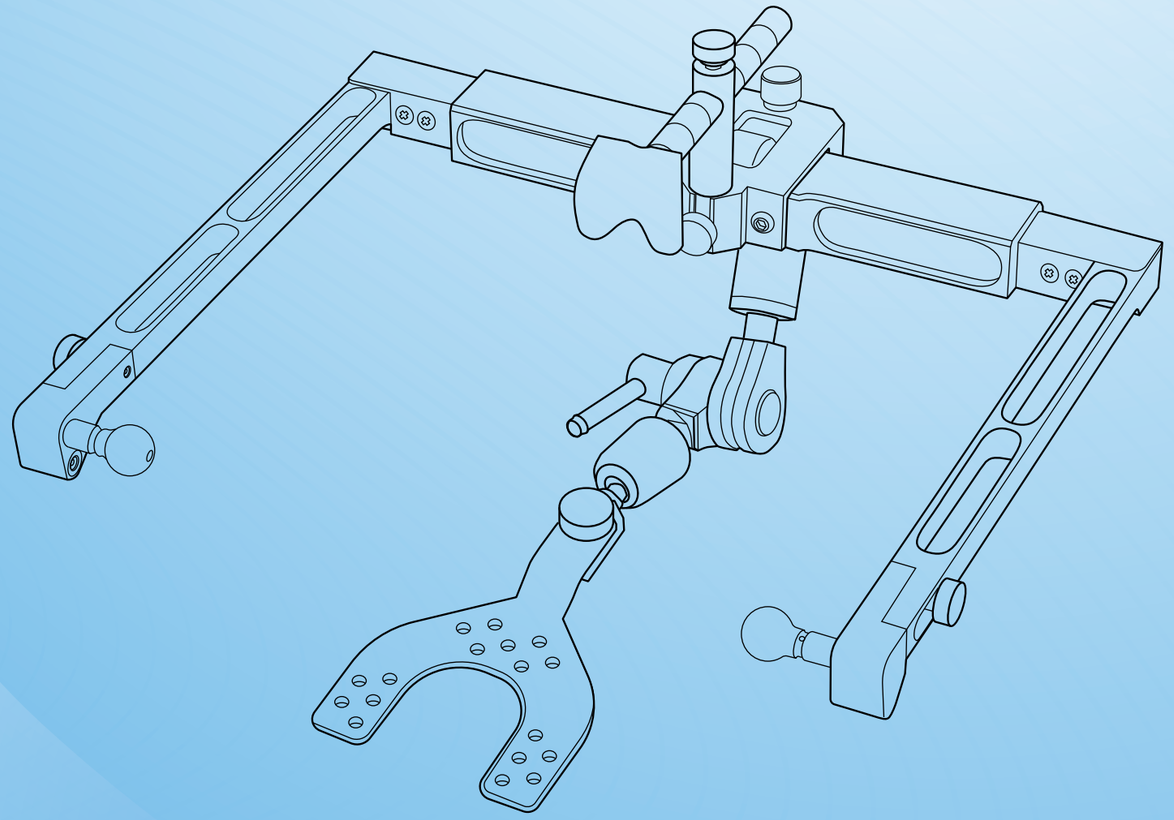
With its calibration method, the **plate set for use with AXIOSPLIT®** improves on the original to offer greater precision in synchronisation.

True to the calibration principle of the **ADESSOSPLIT® system**, the calibration base plate is fixed in the bottom half of the articulator without an extra adhesive plate. Since it no longer needs to use this extra adhesive plate, the calibration base plate can be spot-glued and calibrated with **ADESSOSPLIT® metal adhesive** (art. no. 10070). This approach ensures a more consistent synchronisation than conventional practice.

This standard of quality has proven its worth for many years in the **ADESSOSPLIT®** system and is now also available for the **plate set for use with AXIOSPLIT®**.

€ Prices available upon request or as a download from www.maelzer-dental.com

Registration



CORSOFIX® facebows

CORSOFIX FACEBOW

More information?
Scan the QR code!

Relational transfer...

Functional diagnostics enables the highest degree of precision and fit accuracy. Work is system-oriented, establishing the preconditions for highest-fidelity model making.

Advantages

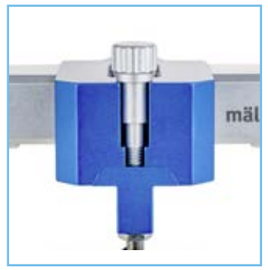
- Rapid fixation of the cranium/axis relationship via a sliding grid
- Graduated scale to determine the intercondylar distance
- Reduction of finishing time at chairside by direct transfer of real jaw position to the articulator
- Secure centric quick lock for both joint supports
- **CORSOFIX® A**: can be combined with the Rotofix facebow and the Artex® joint support from Amann Girrbach
- **CORSOFIX® S**: can be combined with the AXIOMATIC® facebow from SAM®
- For use with the reference planes 'Frankfurt Horizontal' and 'Camper's Plane'
- Lightweight, compact aluminium construction for improved handling
- Continuous, precise adjustment of the facebow using the thumbwheel
- Thanks to the continuously adjustable setting system, the earbuds can be easily extended and retracted

In detail

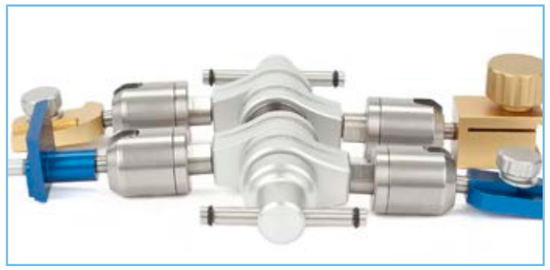
Graduated scale

*Thumbwheel with adapter **CORSOFIX® S***

*Thumbwheel with adapter **CORSOFIX® A***



*Sockets for the **CORSOFIX® joint support** and **CORSOFIX® bite fork holder***



CORSOFIX® joint support** and **CORSOFIX® bite fork holder

Adjustment that's "fit for purpose"

The **CORSOFIX® A and S facebows** from **Mälzer Dental** offer a simple yet anatomically precise way of determining the cranium/axis relationship for the reference planes 'Frankfurt Horizontal' (used by SAM®) and 'Camper's Plane' (used by Amann Girrbach). It's also a simple matter to fix existing joint supports/bite fork holders to the **CORSOFIX® A and S facebows** – and vice versa.

The **CORSOFIX®** series is now a conventional scissor bow, which makes chairside work much more comfortable. The centric quick lock enables straightforward, rapid and yet highly precise handling, in a way that is comfortable for all concerned.

Structurally identical to Rotofix

CORSOFIX FACEBOW

CORSOFIX® A facebow complete

- Compatible with the Rotofix facebow from Amann Girrbach
- Facebow including joint support (art. no. 12810) and a bite fork (art. no. 10198)

More information? *Scan the QR code!*

Art. no.	Pack size
[12800]	1 pc

CORSOFIX FACEBOW

Carrying case for CORSOFIX® facebows

- With foam insert for the safe transportation of **CORSOFIX® A** or **CORSOFIX® S** facebow

Art. no.	Pack size
[12710]	1 pc

CORSOFIX FACEBOW

Joint support for use with CORSOFIX® A and Rotofix facebow

- Quick and simple adaptation to the **CORSOFIX®** A and Rotofix facebow from Amann Girrbach
- Bite fork included (art. no. 10198)

Art. no.	Pack size
[12810]	1 pc

CORSOFIX FACEBOW

Bite fork for use with CORSOFIX® A and Rotofix facebow

- Ready-to-use bite fork, constructed from torsion-resistant aluminium, for **CORSOFIX®** A and Rotofix® facebow from Amann Girrbach
- Can be sterilised

Art. no.	Pack size
[10198]	2 pc

CORSOFIX FACEBOW

Tray handle for use with CORSOFIX® A and Rotofix facebow

- Aluminium tray handle for installation into the individual impression trays in the laboratory
- Connected to the facebow during impression
- Can be sterilised

Art. no.	Pack size
[10191]	5 pc

Structurally identical to AXIOMATIC®

CORSOFIX FACEBOW

CORSOFIX® S facebow complete

- Compatible with the AXIOMATIC® facebow from SAM®
- Facebow including bite fork holder (art. no. 12910) and a bite fork (art. no. 10197)

Art. no.	Pack size
[12900]	1 pc

Please note...

Matching carrying case for **CORSOFIX®** facebows see page 42.

CORSOFIX FACEBOW

Bite fork holder for use with CORSOFIX® S and SAM® AXIOMATIC® facebow

- Quick and simple adaptation to the **CORSOFIX®** S and AXIOMATIC® facebow from SAM®
- 1x bite fork included (art. no. 10197)

Art. no.	Pack size
[12910]	1 pc

CORSOFIX FACEBOW

Bite fork for use with CORSOFIX® S and SAM® AXIOMATIC® facebow

- Ready-to-use bite fork, constructed from torsion-resistant stainless steel, for **CORSOFIX®** S and AXIOMATIC® facebow from SAM®
- Can be sterilised

Art. no.	Pack size
[10197]	2 pc

*This bite registration is also possible with the **CORSOFIX® S facebow**.*

As easy as 1-2-3...

CORSOFIX FACEBOW

*Heat the thermoplastic slightly and insert the **CORSOFIX® bite fork** into the patient's mouth.*

*Position and press the **CORSOFIX® bite fork** gently against the patient's upper jaw. Please note: the teeth must NOT touch the metal.*

*Open the **CORSOFIX® A facebow** to accommodate the width of the patient's face and bring into position.*

*Position the ear buds on the **CORSOFIX® A facebow** at the height of the exterior auditory canal and then close the **CORSOFIX® A facebow**. To make fine adjustments, calibrate using the centric centre screw.*

Using gentle pressure, slide the nasion support against the glabella and lock in place using the crosspiece screw.

*Slide the bite support on the **CORSOFIX® joint support** onto the **CORSOFIX® bite fork** and fix in place. Tighten the knob to retain this position at the patient for transfer to the **CORSOART® articulator**.*

***CORSOFIX® A facebow** – positioned and secured in place after less than two minutes.*

*Pull slightly on both bow ends and the **CORSOFIX® A facebow** can be easily removed from the patient's auditory canal. With a simple twist, the **CORSOFIX® joint support** and bite registration are removed at the same time.*

*The bite registration is fixed in place on the **CORSOFIX® transfer stand** with plaster. This ensures safe transportation to the laboratory.*

ADESSOSPLIT
SYNCHRONISATION

Transfer stand

- Transfer from **CORSOFIX®** A or Rotofix into **CORSOFIX®** A-Line/AC-Line, Artex® or Artex® Carbon
- To ensure the joint support is transferred into the articulator with the correct orientation
- Setting of the bite fork registration into plaster for safe transportation to the dental lab
- Uses same design as the Artex® transfer stand

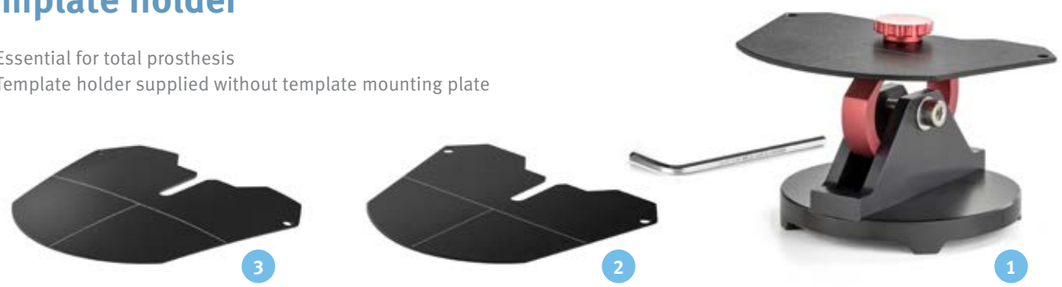
Art. no.	Fig.	Incl. ADESSOSPLIT® profile	Incl. transfer table	Pack size
[10110]	1	■	■	1 pc

Art. no.	Fig.	Accessories	Pack size
[10082]	2	Transfer table including **ADESSOSPLIT®** profile (for fixing the facebow bite fork registration)	1 pc
[10053]	–	Positive plate with **ADESSOSPLIT®** profile – without transfer table – (can be retrofitted later, threaded)	1 pc

ADESSOSPLIT
SYNCHRONISATION

Template holder

- Essential for total prosthesis
- Template holder supplied without template mounting plate



Art. no.	Fig.		Pack size
[10091]	1	**ADESSOSPLIT®** template holder without template mounting plate	1 pc
[10091-1]	2	Template mounting plate, flat	1 pc
[10091-2]	3	Template mounting plate, 140°	1 pc

Transfer stand for use with Splitex®

- Transfer from **CORSOFIX®** A or Rotofix to **CORSOART®** A-Line/AC-Line, Artex® or Artex® Carbon
- To ensure the joint support is transferred into the articulator with the correct orientation
- Setting of the bite fork registration into plaster for safe transportation to the dental lab
- Uses same design as the Artex® transfer stand

Art. no.	Fig.	Incl. profile for use with Splitex®	Incl. transfer table	Pack size
[10110-S]	1	■	■	1 pc

Art. no.	Fig.	Accessories	Pack size
[10083]	2	Transfer table including profile for use with Splitex® (for fixing the facebow bite fork registration)	1 pc
[10060]	–	Positive plate for use with Splitex® – without transfer table – (can be retrofitted later, threaded)	1 pc

Template holder for use with Splitex®

- Essential for total prosthesis
- Template holder supplied without template mounting plate

Art. no.	Fig.		Pack size
[10091-S]	1	Template holder for use with Splitex® without template mounting plate	1 pc
[10091-1]	2	Template mounting plate, flat	1 pc
[10091-2]	3	Template mounting plate, 140°	1 pc

This transfer is also possible with the ***transfer stand for use with Splitex®.***

As easy as 1-2-3...

Insert the ***CORSOFIX® joint support*** *into the socket provided in the* ***ADESSOSPLIT® transfer stand****.*

Hold the grooved pin from the ***CORSOFIX® joint support*** *in place in the* ***ADESSOSPLIT® transfer stand*** *and secure with the screw.*

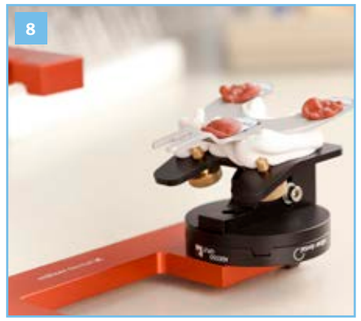
Move the ***ADESSOSPLIT® transfer stand*** *into position. The distance between the* ***CORSOFIX® bite fork*** *and the retention screws should be approx. 5 mm. The height of the* ***ADESSOSPLIT® transfer stand*** *can be adjusted by undoing the socket head screw.*

Once positioning is correct, remove the ***CORSOFIX® joint support*** *from the* ***ADESSOSPLIT® transfer stand****.*

Apply mounting plaster liberally to the ***ADESSOSPLIT® transfer stand****.*

Place the ***CORSOFIX® joint support*** *at a slight angle in the socket provider on the* ***ADESSO-SPLIT® transfer stand*** *and lay the* ***CORSOFIX® bite fork*** *into the mixed plaster.*

Let the mounting plaster and the ***CORSOFIX® bite fork*** *set hard.*

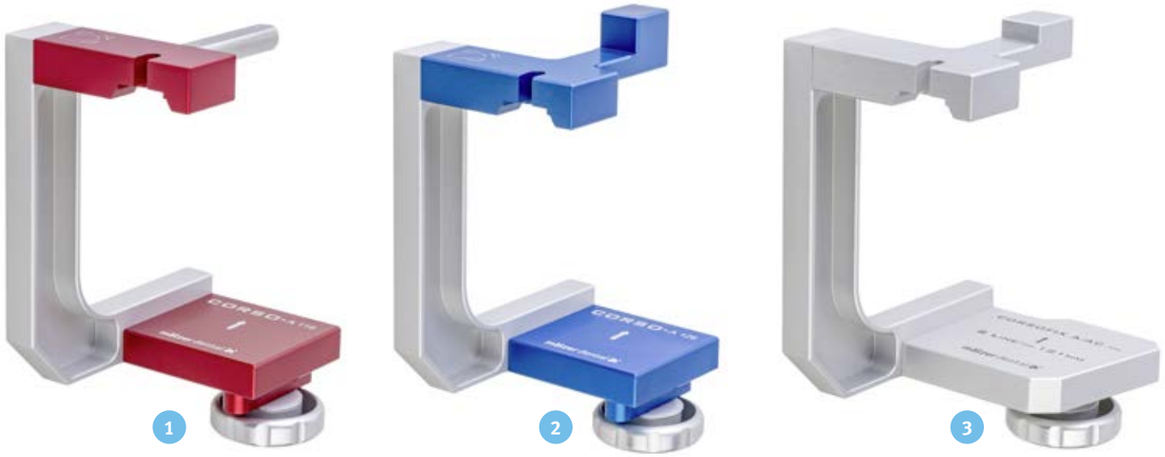


Once the plaster has set, the ***CORSOFIX® joint support*** *can be released from the* ***CORSOFIX® bite fork*** *and the bite fork registration together with the* ***ADESSOSPLIT® transfer stand*** *can be placed in the* ***CORSOART® articulator****.*

CORSOFIX FACEBOW

Transfer jigs for use with CORSOFIX® A and Rotofix facebows

Permits immediate and safe transfer of the joint support to the articulator



Art. no.	Fig.	Type	Transfer from	Transfer to	Pack size
[12190]	1	Transfer jig	Joint support **CORSOFIX®** A and Rotofix	**CORSOART®** A-Line and Artex® 116 mm	1 pc
[12290]	2	Transfer jig	Joint support **CORSOFIX®** A and Rotofix	**CORSOART®** AC-Line and Artex® Carbon 126 mm	1 pc
[12395]	3	Transfer jig	Joint support **CORSOFIX®** A and Rotofix	**CORSOART®** S-Line and SAM® 121 mm	1 pc

CORSOFIX FACEBOW

Bite fork support universal

- To support the facebow bite fork registration during mounting in the articulator or mounting unit
- Prevents changes to orientation during mounting as a result of pressure from above onto the bite fork
- Continuously adjustable
- Magnetic bottom half for fixing onto all industry-standard magnetic plate systems

Art. no.	Pack size
[10075]	1 pc

CORSOFIX FACEBOW

Transfer stand for use with CORSOFIX® S and SAM® AXIOMATIC® facebows

- Permits immediate and safe transfer of the bite fork holder to the articulator

Art. no.	Fig.	Type	Transfer from	Transfer to	Pack size
[12390]	1	Transfer stand	Bite fork holder **CORSOFIX®** S and SAM® AXIOMATIC®	**CORSOART®** S-Line and SAM® 121 mm	1 pc
[12195]	2	Transfer stand	Bite fork holder **CORSOFIX®** S and SAM® AXIOMATIC®	**CORSOART®** A-Line and Artex® 116 mm	1 pc
[12295]	3	Transfer stand	Bite fork holder **CORSOFIX®** S and SAM® AXIOMATIC®	**CORSOART®** AC-Line and Artex® Carbon 126 mm	1 pc

Good to know...

Transfer for all brands

Making transfer easier than ever – with a **CORSOFIX® transfer jig/CORSOFIX® transfer stand** from **Mälzer Dental**!

Transfer patient data from a **CORSOFIX® S** or SAM® AXIOMATIC® facebow into a **CORSOART® A-Line/AC-Line** or Artex® articulator. Or transfer patient data from a **CORSOFIX® A** or Rotofix facebow into a **CORSOART® S-Line** or SAM® articulator. This process can be completed quickly and precisely with the **CORSOFIX® transfer jig** or **CORSOFIX® transfer stand** from **Mälzer Dental**. Whichever brand in use at your practice, the procedure is exactly the same: transfer with no loss of precision!

CORSOFIX FACEBOW

Bite fork support universal

- To support the facebow bite fork registration during mounting in the articulator or mounting unit
- Prevents changes to orientation during mounting as a result of pressure from above onto the bite fork
- Continuously adjustable
- Magnetic bottom half for fixing onto all industry-standard magnetic plate systems

Art. no.	Pack size
[10075]	1 pc

As easy as 1-2-3...

CORSOFIX FACEBOW

*Remove the anterior guide pin incl. holder and place the anterior guide table into the top half of the articulator. Insert the **CORSOFIX® transfer jig** as far as it will go in the bottom half of the articulator and screw to secure. Now place the anterior guide table in the top half of the articulator, with the smooth side on the **CORSOFIX® transfer jig** support.*

*Place the **CORSOFIX® bite fork support** in the centre of the **ADESSOSPLIT® calibration base plate**. Fix the **CORSOFIX® joint support** to the **CORSOFIX® transfer jig**.*

*Turn the **CORSOART® articulator** upside down and let the crossbar on the **CORSOFIX® bite fork support** fall onto the **CORSOFIX® bite fork**. Fix the **CORSOFIX® bite fork support** in place by tightening the knurled screw.*

*Position and fix the maxillary model on the **CORSOFIX® bite fork**, and place the **ADESSOSPLIT® plastic counter plate** with the **magnetic plate** onto the **ADESSOSPLIT® base plate**.*

*Close the **CORSOART® articulator**, in order to check the amount of space between the model and the **ADESSOSPLIT® plastic counter plate**. Apply mounting plaster to the model.*

*Close the **CORSOART® articulator**. Once the plaster has set, release the **CORSOFIX® joint support** from the **CORSOFIX® bite fork**.*

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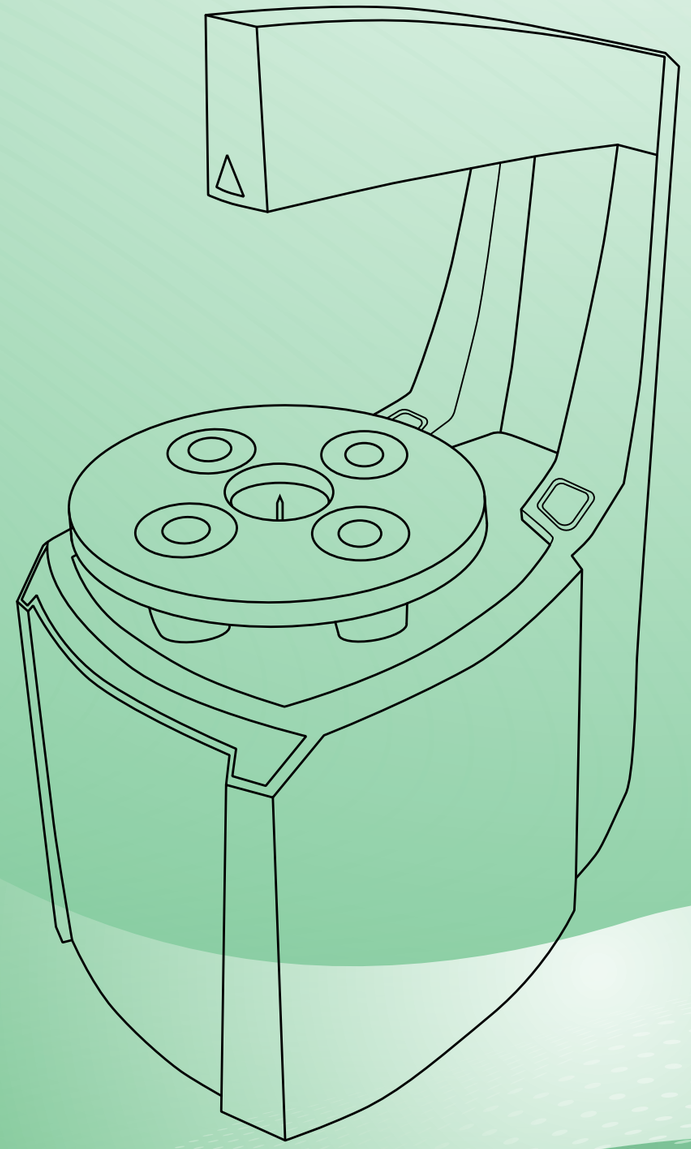
Model making



DIVARIO® model system

DIVARIO
MODEL SYSTEM

More information?
Scan the QR code!

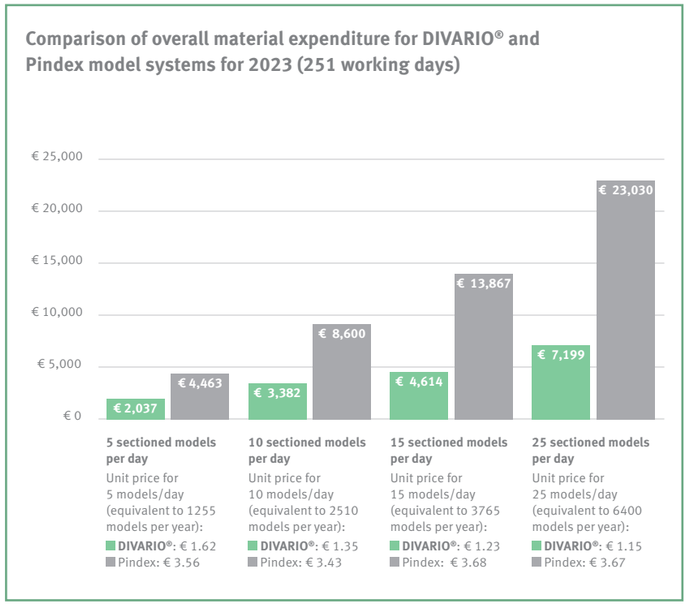
Precise system components...

*Innovation and precision in perfect harmony with the **DIVARIO®** model system. Speed and cost-effectiveness when producing high-quality dental prosthetics.*

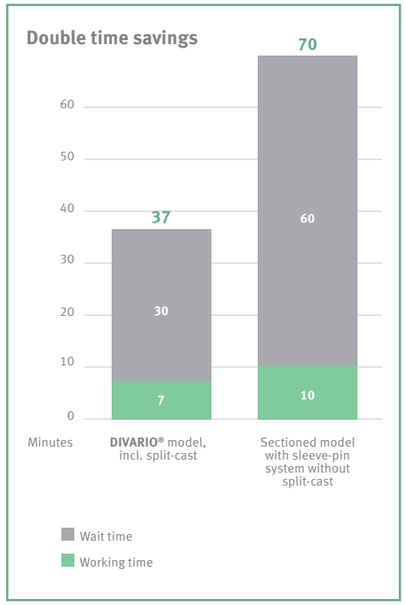
Advantages

- Precise results without plaster expansion
- Production of a dental model in fewer than six minutes, by using the stable, expansion-free **DIVARIO® base plate**
- Extremely cost-effective, thanks to low plaster usage: less plaster for the dental model, no plaster for the base
- Cost savings as a result of reusable **DIVARIO® base plates**, **DIVARIO® split-cast plates** and metal discs
- A universal product suitable for any type of model making
- A simple sequence of work steps, thanks to straightforward handling of system components

Cost-effective and quick: the facts



Cost-effective: the system that saves working time and materials



Quick: the system that cuts working time in half

Systematic precision

Made-to-measure dental prosthetics calls for maximum precision in model making – this is where precise system components form the basis for optimum results. In a nutshell, these are precisely the properties exhibited by the **DIVARIO®** model system: quick, economical and – above all – precise.

Plaster expansion – a familiar source of problems – is kept to a minimum by using a stable **DIVARIO® base plate**, which also resolves issues related to minor imperfections caused by sections.

With its perfectly coordinated set of system components, the **DIVARIO®** model system offers long-term quality for rapid and yet cost-effective model making.

Good to know...

Cost-effective, systematic model making

- **Precise**
  Dimensionally stable **DIVARIO® base plates** replace base plaster, to avoid plaster expansion problems and ensure high-precision results
- **Time-saving**
  A complete model in fewer than six minutes. With the **DIVARIO® base plate**, half of the model is already finished. With the **DIVARIO® base plates**, the metal plates come pre-assembled: as a result, work on producing the dental model can therefore begin immediately.
- **Precise blocking**
  Lateral movements cause no slippage, thanks to precise blocking, in conjunction with a **DIVARIO® split-cast plate.**
- **Cost-effective**
  Minimal usage of plaster (70–100 g), thanks to prefabricated and stable **DIVARIO® base plates**, which are available in two different sizes and a range of colours.
- **Universal**
  For sectioned models, counter-bite models and combined dental cast/diagnostic models.
- **Shorter lug path**
  Pinnable surfaces are significantly enlarged.
- **Reusable materials**
  All **DIVARIO® base** and **split-cast plates** can be reused several times.

*Exact seating of dental stone arch on the **DIVARIO® base plate**.*

Unique arrangement of contact surfaces and integrated debris reservoir.

*Exact bracing of the **DIVARIO® base plate** with half centring ring around the magnets, plus raised supports in the dorsal area against axial stress.*

Saves time, since no screw fixings needed. Three machined holes under the metal plate for pin fixing when re-using counter bite models.

DIVARIO
MODEL SYSTEM

Starter set

*Up to **100 Models!***

Art. no.	Pack size
[14520]	1 set

Package contents: **DIVARIO®** base plate premium small, natural (art. no. 14030), **DIVARIO®** split-cast plate small (art. no. 14050), **DIVARIO®** putty for model making (art. no. 14070), **DIVARIO®** impression carrier L (art. no. 14090), **DIVARIO®** pins, tapered round, 14 mm (art. no. 10172), **DIVARIO®** positioning plate transparent small (art. no. 14081), **DIVARIO®** finishing strip holder, slotted (art. no. 15100), **DIVARIO®** finishing strips, padded, 120 grit, fine (art. no. 15100-120), **DIVARIO®** carbide bur (art. no. 10171), **DIVARIO®** model hammer (art. no. 14521), **DIVARIO®** utility knife (art. no. 14522)

DIVARIO
MODEL SYSTEM

M23 compact pin drilling unit

Package contents: **DIVARIO®** M23 compact pin drilling unit with **DIVARIO®** carbide bur (art. no. 10171), **DIVARIO®** Duo plate support (art. no. 14083), **DIVARIO®** impression carrier L (art. no. 14090), assembly tool (art. no. 14503)

- Ultrafine laser beam simplifies location of bur position
- Automatic, magnetic fixing of **DIVARIO®** Duo plate support when initiating the drilling process
- Automated feed mechanism ensures identical depth for drilled holes
- Bur readily interchangeable and adjustable in height
- For use with **DIVARIO®**, Zeiser®, Giroform® and Dentobase® model systems
- Ergonomic design

More information?
Scan the QR code!

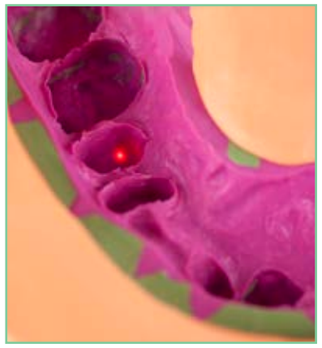
Art. no.	Pack size
[14523]	1 pc

As easy as 1-2-3...

The **DIVARIO® pin drilling unit** is used to prepare high-precision models. In terms of usability, the unit's features are clear and self-explanatory, making bur changing or fixing as easy as possible, plus effortless, high-precision drilling of the actual holes.

The laser release button activates the laser as well as setting the exact drilling position. The drilling process is then started with another button, which also fixes the **DIVARIO® Duo plate support** electromagnetically to ensure the drill position cannot shift. The precise action of the drilling mechanism means that holes drilled in the **DIVARIO® base plates** are always of an identical depth, to ensure model making stays economical.

*Automated, electromagnetic fixation of the **DIVARIO® Duo plate support** when starting to operate the drill.*



Ultrafine laser guide ensures exact positioning of the bur.

DIVARIO
MODEL SYSTEM

Base plates premium

- Precise blocking thanks to the short lug path in the basal area with the **DIVARIO®** split-cast plate (art. no. 14050 or 14060)
- No slippage of the **DIVARIO®** base plate from the **DIVARIO®** split-case plate (art. no. 14050 or 14060) when lateral forces are exerted
- Compatible with plate supports for pin drilling units from **DIVARIO®**, Giroform® and Zeiser®
- Bolted-on metal plates included

Art. no.	Colour	Size	Pack size
[14030]	(natural)	Small	100 pcs
[14030BL]		Small	100 pcs
[14030TK]		Small	100 pcs
[14030GU]		Small	100 pcs
[14030RT]		Small	100 pcs
[14030GR]		Small	100 pcs
[14030USC]	(Ultrascan)	Small	100 pcs

Art. no.	Colour	Size	Pack size
[14040]	(natural)	Large	100 pcs
[14040BL]		Large	100 pcs
[14040TK]		Large	100 pcs
[14040GU]		Large	100 pcs
[14040RT]		Large	100 pcs
[14040GR]		Large	100 pcs
[14040USC]	(Ultrascan)	Large	100 pcs

DIVARIO
MODEL SYSTEM

Base plates ultrascan

- Neither spray nor powder are now required
- Clean, crystal-clear scan results without pre-treatment

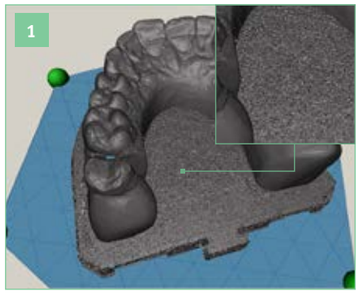
Art. no.	Colour	Size	Pack size
[14030USC]	(Ultrascan)	Small	100 pcs
[14040USC]	(Ultrascan)	Large	100 pcs

Good to know...

Precise scanning results with DIVARIO® base plates ultrascan

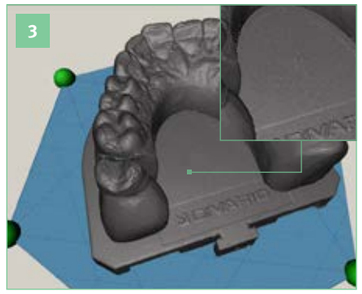
Conventional base plates cause blurring in surface finishes after the scan (see fig. 1) if the plates are not pre-treated before the scanning procedure. Light is scattered vertically by conventional plates and partially reflected as diffuse light onto the actual plaster model, which can lead to inaccuracies affecting its surface. This makes it necessary to use scan spray or powder, to prevent reflections and achieve sharp scanning images.

These kinds of inaccuracies are now history with the **DIVARIO® base plate ultrascan**, which also avoids two entire steps in the scan procedure – namely pre-treatment with scan spray or powder and post-scan cleaning. Thanks to its opaque, matt finish (see fig. 2), the **DIVARIO® base plate ultrascan** features the best kind of surface for ensuring optimum scan results (see fig. 3).



Conventional base plate

DIVARIO® base plate ultrascan



DIVARIO® base plate ultrascan

DIVARIO 3D
DIGITAL MODEL MAKING

Glue set for 3D-printed models

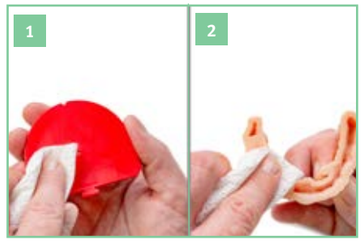
- For optimum bonding of 3D-printed models to all popular model systems
- Expansion-free bonding
- Impact- and steam-resistant adhesive bond

*Up to **100 Models!***

Art. no.	Fig.	Product	Pack size
[14610]		**DIVARIO® 3D** Glue set	1 set
[14600]	1	**DIVARIO® 3D** surface cleaner	1 can, 150 ml
[14601]	2	**DIVARIO® 3D** primer	1 bottle, 10 ml
[14602]	3	**DIVARIO® 3D** model glue	1 bottle, 10 g
[14603]	4	**DIVARIO® 3D** activator	1 can, 150 ml

As easy as 1-2-3...

DIVARIO 3D
DIGITAL MODEL MAKING



*Spray **DIVARIO® 3D surface cleaner** (art. no. 14600) onto a clean cloth or nonwoven fabric and use this to clean the **DIVARIO® base plate** and the back of the 3D printed model.*

*Using the brush, apply the **DIVARIO® 3D primer** (art. no. 14601) evenly to the entire surface of the **DIVARIO® base plate** and leave to air-dry for approx. 1 minute.*

*Apply a sufficient quantity of **DIVARIO® 3D model glue** (art. no. 14602) evenly to the underside of the 3D printed model, so as to fill any gaps between the 3D model and the base plate.*

*Next, spray **DIVARIO® 3D activator** (art. no. 14603) from a distance of about 30 cm to create a thin, even coat on the **DIVARIO® base plate**. Leave to air-dry for about 30 seconds until the surface turns matt.*

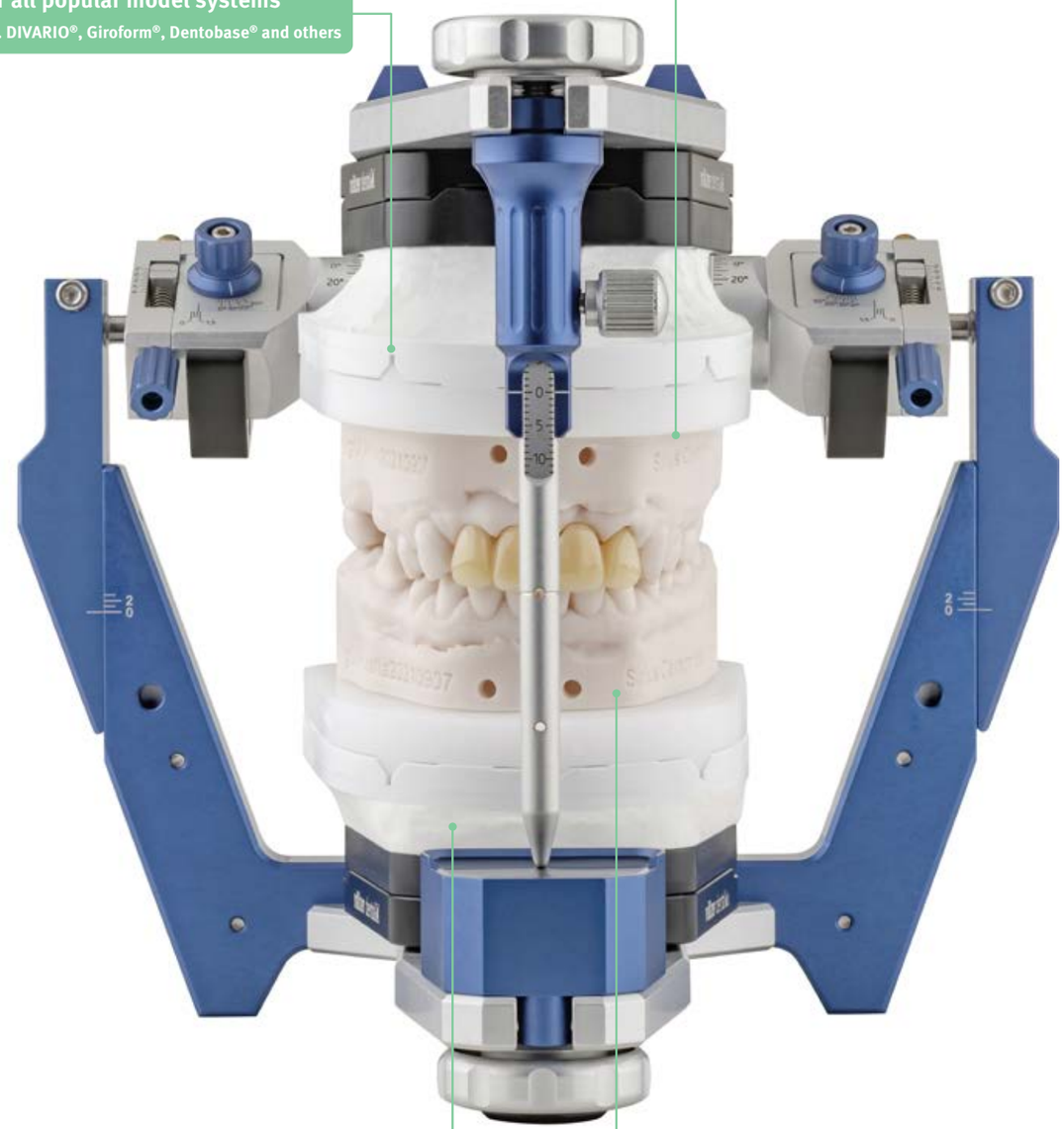
*Now position the 3D model on the **DIVARIO® base plate** and apply moderate pressure for about 5 seconds. Caution! Take care not to move the model while doing so. Leave to cure for approx. 30–60 minutes, depending on room temperature.*

*The 3D printed models are now bonded securely to the **DIVARIO® base plate** and can be mounted in the articulator as usual by using the **DIVARIO® split-case plate**.*

***More information?** Scan the QR code!*

For all popular model systems
e.g. DIVARIO®, Giroform®, Dentobase® and others

Expansion-free bonding



Proceed with normal mounting of 3D printed models after bonding process

Impact- and steam-resistant adhesive bond

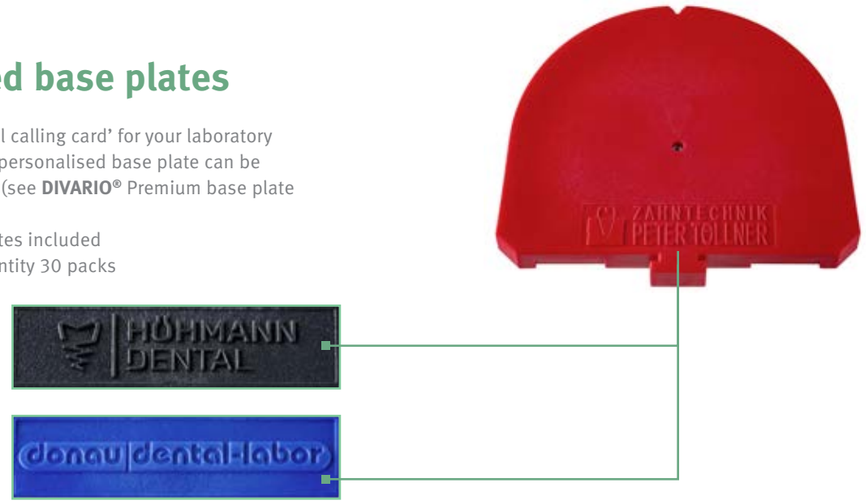
Please note...

Please note that, to ensure the optimum bonding of 3D-printed models, all components in the **DIVARIO® 3D glue set** (art. no. 14610) are required.

DIVARIO
MODEL SYSTEM

Personalised base plates

- An individual ‘model calling card’ for your laboratory
- Colour of **DIVARIO®** personalised base plate can be chosen as required (see **DIVARIO®** Premium base plate on page 58)
- Bolted-on metal plates included
- Minimum order quantity 30 packs



Art. no.	Base plate and accessories	Pack size
[14030IND]	**DIVARIO®** Personalised base plate, Premium, small	100 pcs
[LAS-100]	Conversion of customer data to DXF format	1 file
[LAS-400]	Interchangeable insert for personalised base plate	1 pc
[LAS-500]	Marking of interchangeable insert with customer name or logo	1 pc

As easy as 1-2-3...

The **DIVARIO® Personalised base plate** gives any laboratory the opportunity to pass on not only their completed model but also a personal ‘model calling card’. While creating one of these model calling cards involves just a few steps, the effect for the laboratory in terms of publicity is highly beneficial: the model-making lab is clearly identified and presented together with its completed model.

The colour of the **DIVARIO® Personalised base plate** can be chosen as required from the **Mälzer Dental** product portfolio, to ensure a perfect match with the laboratory’s corporate design. For your **DIVARIO® Personalised base plate**, we require your logo as a DXF file or in a compatible vector-based format. The logo should also be saved as a black-and-white or halftone image and the lines must be at least 0.3 mm wide.

If you are unsure whether your logo meets these requirements, or only have the logo saved as a JPG, GIF or PNG file, we will be happy to offer the services of our graphic designer, who can check your image and vectorise it (if required) for saving as a DXF file.

Simply send us your logo data and we will handle it from there!

DIVARIO
MODEL SYSTEM

Split-cast plates

- Exact bracing of **DIVARIO® base plate** via half centring ring around the magnets
- Support bars in the dorsal area against axial stress
- Reusable
- **DIVARIO®** split-cast plate with negative profile interlocks cleanly with the **DIVARIO®** base plate
- Magnet secured with stainless steel screw included

Art. no.	Colour	Size	Pack size
[14050]	(natural)	Small	50 pcs
[14060]	(natural)	Large	50 pcs

DIVARIO
MODEL SYSTEM

Positioning plates

- Transparent
- For precise positioning of the impression on the carrier plate

Art. no.	Size	Pack size
[14081]	**DIVARIO®** small	2 pcs
[14080]	**DIVARIO®** large	2 pcs

DIVARIO
MODEL SYSTEM

Carbide burs

- For use with **DIVARIO®** M17/M23, Zeiser® P10 and Giroform® pin drilling units

Art. no.	For use with	Pack size
[10171]	**DIVARIO®** M17/M23, Zeiser® P10 and Giroform pin drilling units	1 pc

DIVARIO
MODEL SYSTEM

Duo plate support

- A plate support for all small and large base plates
- Compatible with the **DIVARIO®,** Giroform®, Zeiser® and dentobase® model systems
- Compatible with the **DIVARIO®** M17/M23, Zeiser® P10 and Giroform® pin drilling units

Art. no.	Socket	Pack size
[14083]	Small and large base plates	1 pc

Good to know...

Two in one – saves time and money

The exact arrangement of the seating surfaces with the **DIVARIO® Duo plate support** ensures that the small and large base plates in popular model systems from **DIVARIO®**, Zeiser®, Giroform® and dentobase® can be drilled precisely without creating tension.

During the drilling procedure, an optimum field of view allows unimpeded inspection of the holes in the base plate.

DIVARIO
MODEL SYSTEM

Quattro plate support

- A plate support for the **DIVARIO®** Quattro plates
- Compatible with the **DIVARIO®** M17/M23, Zeiser® P10 and Giroform® pin drilling units

Art. no.	Socket	Pack size
[14084]	**DIVARIO®** Quattro plates	1 pc

DIVARIO
MODEL SYSTEM

Tool set for DIVARIO® pin drilling unit

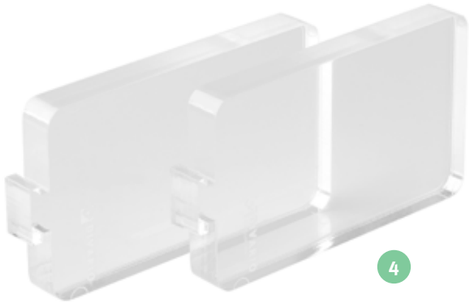
- 1x allen key for locking burs
- 1x allen key for bur height adjustment

Art. no.	For use with	Pack size
[14503]	**DIVARIO®** M17/M23 pin drilling units	2 pcs

DIVARIO
MODEL SYSTEM

Quattro

- For minor tasks without a single quadrant or one half of the jaw
- Ideal for partial impressions
- Saves on material
- No separate articulator needed



Art. no.	Fig.	Base plate and accessories	Pack size
[14036]	1	**DIVARIO®** quattro plates	100 pcs
[14037]	2	Adapter socket for **DIVARIO®** quattro	50 pcs
[14038]	3	Holder for **DIVARIO®** quattro	50 pcs
[14085]	4	Quattro positioning plates	2 pcs

Quick and simple...

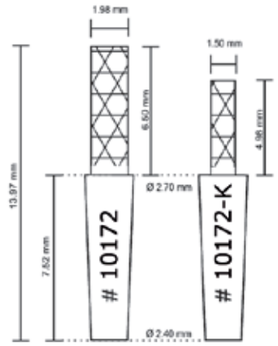
The **DIVARIO® quattro plates** extend the **DIVARIO® model system** for the quick and cost-effective production of partial sectioned models made from partial impressions.
The high-quality material is resistant to deformation, which yields an exact dimensional fidelity that ensures maximum precision for the creating of sectioned models.
This product is used together with the **adapter socket for DIVARIO® quattro** and the **holder for DIVARIO® quattro**.

DIVARIO
MODEL SYSTEM

Pins, 14 mm

- Metal pins for model making using **DIVARIO®**, Zeiser® and Giroform®

Art. no.	Shape	Length	Pack size
[10172]	Tapered round	14 mm	1,000 pc



DIVARIO
MODEL SYSTEM

Compact pins, 12.5 mm

- Metal pins for model making using **DIVARIO®**, Zeiser® and Giroform®
- Especially suitable for narrow plaster model segments in the anterior maxillary and mandibular area

Art. no.	Shape	Length	Pack size
[10172-K]	Tapered round	12.5 mm	1,000 pc

DIVARIO
MODEL SYSTEM

Putty

- Non-setting, terracotta silicone modelling material for positioning and blocking-out the impression and fixing on the impression carrier
- For model making compatible with **DIVARIO®**, Zeiser® and Giroform®
- No added odor
- Particularly kind to the skin

Art. no.	Colour	Pack size
[14070]	●	1 can, 1 kg

DIVARIO MODEL SYSTEM

Impression carrier L

- For use with **DIVARIO®** M17/M23, Zeiser® P10 and Giroform® pin drilling unit
- Impression carrier with new height of 68 mm.
- The new height of the back wall provides more free space when positioning the impression tray on the **DIVARIO®** impression carrier L. This is especially useful for pre-assembled impression trays with a curved tray handle, since this handle no longer needs to be straightened.
- The **DIVARIO®** impression carrier L is for use with all sizes of base plates, as well as with plate supports for pin drilling units from **DIVARIO®**, Amann Girrbach, Zeiser® and dentobase®

Art. no.	Dimensions	Pack size
[14090]	68 x 96 x 135 mm	1 pc

DIVARIO MODEL SYSTEM

Finishing strips

- Remove material quickly, effectively and without vibration
- For finishing work on plaster model dies and plastic prosthetics, plus denture trimming

Art. no.	Grit	Pack size
[15100-80]	80 (coarse)	50 pcs
[15100-120]	120 (fine)	50 pcs

DIVARIO MODEL SYSTEM

Finishing strip holder

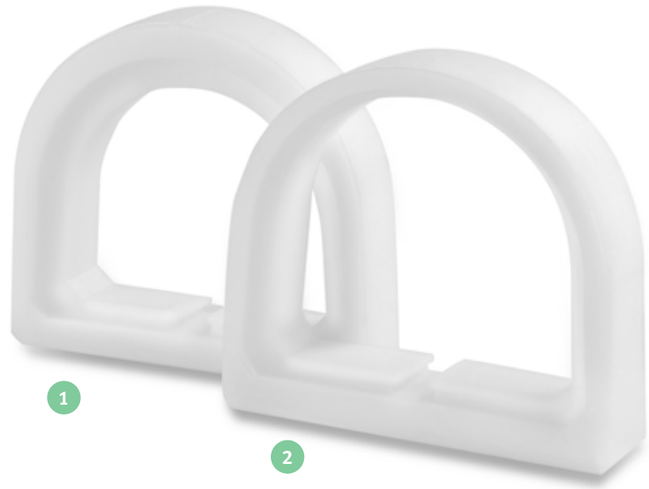
- Self-widening rubber roller with hand piece shaft
- Fits **DIVARIO®** finishing strips

Art. no.	Shape	Pack size
[15100]	Slotted	1 pc

DIVARIO MODEL SYSTEM

Base sealing cuffs

- For use with **DIVARIO®** base plates



Art. no.	Fig.	Size	Pack size
[14086]	1	Small	1 pc
[14087]	2	Large	1 pc

As easy as 1-2-3...

Prepare the used and drilled **DIVARIO® base plate** with **DIVARIO® pins** for retention.
Then fit the matching **DIVARIO® base sealing cuff** around the **DIVARIO® base plate**.
The impression can then be cast as usual in dental stone and mounted onto the **DIVARIO® base plate**.

More information?
Scan the QR code!

As easy as 1-2-3...

DIVARIO
MODEL SYSTEM

Successful dental restoration work starts with the approach to model making.
Only when one part fits exactly into the other can high-precision results be achieved – from the impression to the finished **DIVARIO®** model.

Trim the impression, blocking-out missing areas with wax or silicone.

*Set the **DIVARIO® positioning plate** parallel to the impression.*

*Fix the impression with **DIVARIO® putty** onto the **DIVARIO® impression carrier L**.*

*To orient the impression, use the small or large **DIVARIO® positioning plate**.*

*Block-out missing areas with **DIVARIO® putty**, so as to avoid leaks of plaster mush when pouring out.*

*Clamp the **DIVARIO® base plate** into the **DIVARIO® Duo plate support** on the **DIVARIO® M23 compact** pin drilling unit.*

*Clamped **DIVARIO® base plate**.*

*Place the **DIVARIO® impression carrier L** onto the **DIVARIO® Duo plate support**.*

*Place the **DIVARIO® impression carrier L** with the **DIVARIO® Duo plate support** onto the magnetic plate on the **DIVARIO® M23 compact** pin drilling unit.*

Use the laser pointer to set/target the required drilling position.

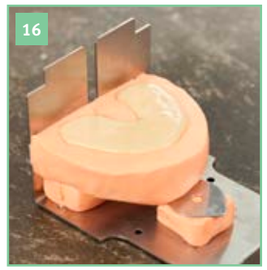
*Press the button to start drilling – the **DIVARIO® Duo plate support** is held in place electromagnetically.*

***DIVARIO® base plate** with drilling complete.*

*Prepare the **DIVARIO® base plate** with **DIVARIO® pins**.*

*Once pinned, check the **DIVARIO® base plate** by placing it in the impression.*

Fill the impression with plaster mush. To improve flow properties, increase shaker vibration strength as required.



*To avoid trapping air bubbles when immersing the **DIVARIO® base plate**, fill the impression with more plaster mush than necessary.*

*Place the **DIVARIO® base plate** upside down in the carrier plate guide and lower gently.*

*Allow a little time to set and then carefully remove excess dental stone around the **DIVARIO® base plate**.*

*After approx. 25 minutes, carefully remove the impression together with the **DIVARIO® base plate**.*

*Tap carefully to free the dental model from the **DIVARIO® base plate**.*

*An alternative to a model trimmer, work the dental model freehand with a **DIVARIO® finishing strip**.*

Mark sections beforehand for better orientation.

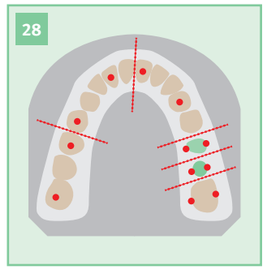
*Section the dental model with a **DIVARIO® Diacut dental cutting disc**.*

*Work the individual segments with a **DIVARIO® finishing strip** and clean to remove die stone dust.*

*Completed **DIVARIO®** sectioned model, seated exactly on the **DIVARIO® base plate**.*

*Position the **DIVARIO® split-cast plate** before mounting so as to guarantee a perfect fit.*

*Finished work, mounted in the **CORSOART® articulator**.*



For large segments, mark additional relief cuts (see sketch). Pins are represented by red dots in the sketch.

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
Optimum/maximum speed	3,000 rpm/5,000 rpm
Machine	Unmounted

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

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
Optimum/maximum speed	15,000 rpm

Art. no.	Fig.	Ø	Thickness	Pack size
[51101]	1	30 mm	0.35 mm	1 pc
[51102]	2	45 mm	0.35 mm	1 pc

Burs for dental stone

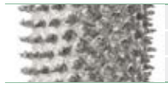
Application

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

Product parameters

220	
Grit	Cross-cut, coarse
Optimum speed	**Plastics:** 10,000–15,000 rpm **Dental stone:** 15,000 rpm
Hand piece	2.35 mm

Product parameters



Grit	Coarse
Optimum speed	12,500 rpm
Hand piece	2.35 mm

Product parameters

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

Art. no.	[52420]	[52080]	[52451]
Product	ATN burs	Policarbid burs	Turbo carbide bur
Diameter (Ø)	6.0 mm	8.0 mm	6.0 mm
Shape	Grenade	Cylinder, blunt nose	Grenade
Max. speed	35,000 rpm	25,000 rpm	25,000 rpm
Pack size	1 pc	1 pc	1 pc

Sekumaster high-precision superglue

- With handy twist cap
- Before first use, trim the tip slightly and always clean the tip after use
- Ultra-low-viscosity instant adhesive with a viscosity of just 30 mPa·s
- Quick and reliable bonding of dental stone, plastic and metal
- Pin closure prevents accidental leaks of adhesive and drying out
- Store in a cool place

Art. no.	Pack size
[50021]	1 bottle, 20 g

Sekufix superglue with integrated brush

- Ultra-low-viscosity instant adhesive with a viscosity of just 30 mPa·s
- For bonding dental stone, plastics and metal
- Brush supplied ensures precise application
- Store in a cool place

€ *Best **Price!***

Art. no.	Pack size
[50020]	1 bottle, 10 g

As easy as 1-2-3...

A typical situation – the die has broken.

*The supplied brush ensures ultra-precise application of **Sekufix instant adhesive**.*

*After applying the **Sekufix instant adhesive**, the die can be glued back together.*

Polilan die spacer and Polilan thinner

- Self-curing die spacer
- Supplied brush ensures precise application of die spacer

Art. no.	Fig.	Product	Colour	Coating thickness	Pack size
[50012]	1	Polilan die spacer	●	10 µm	1 bottle, 25 ml
[50014]		Polilan thinner	Clear	–	1 bottle, 30 ml*

* 1 pipette included

Die protector and special thinner

- Quick-drying in approx. 30 seconds with no light curing
- Seal and cure the dental stone surface without adding bulk
- Excellent scanning properties thanks to matt finish
- Supplied brush ensures precise application

· Super-hard
· No light curing
· Non-bulking

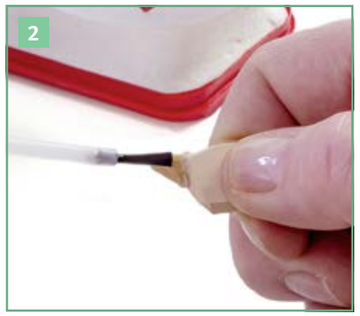
Art. no.	Fig.	Product	Pack size
[50000]	1	Die protector	1 bottle, 30 ml
[50001]		Special thinner	1 bottle, 30 ml*

* 1 pipette included

As easy as 1-2-3...

The **die protector** is a fast-drying and curing die spacer that is very easy to apply while also adding no bulk to the model. Critical areas at the limits of preparation on the stone die are strengthened and protected against mechanical impact and water. In addition, the matt surface finish of the stone die created once the die spacer has dried ensures significantly better scanning results.

*The first coat of **die protector** is applied to the stone die.*



*The **die protector** soaks into the porous surface of the die and protects it from material abrasion. This works to reduce reflections while fixing markings in place.*

A second coat can be applied to the stone die if necessary.

Magnet cups and magnets

- For use with split-cast systems
- All magnet cups have good adhesion in plaster

Art. no.	Fig.	Shape	Dimensions	Properties	Pack size
[10061]	1	Magnet cup machined, knurled exterior, with circumferential groove	25.0 x 8.0 mm	Machined knurled exterior	100 pcs
[10055]	2	Magnet round	20.0 x 6.0 mm	Ferrite magnet	100 pcs

Art. no.	Fig.	Shape	Dimensions	Properties	Pack size
[10147]	3	Magnetic cup low-profile	25.0 x 4.8 mm	Machined knurled exterior	10 pcs
[10148]	4	Neodymium magnet round	14.0 x 3.0 mm	Neodymium magnet	10 pcs

Retention discs

- For use with split-cast systems

Art. no.	Fig.	Shape	Dimensions	Pack size
[10057]	1	Machined, with circumferential groove, nickel-plated	25.0 x 2.5 mm	100 pc
[10150]	2	Stamped, nickel-plated	25.0 x 1.5 mm	100 pc
[10151]	3	With high rim, nickel-plated	25.0 x 2.0 mm	100 pc

Plastic model base former, incl. rubber ring

- Magnet included

Art. no.	Colour	Shape	Dimensions	Pack size
[10206]		Large	103 x 94 mm	1 pc
[10207]		Medium	91 x 83 mm	1 pc
[10208]		Small	81 x 74 mm	1 pc

Replacement rubber rings for plastic model base former

Art. no.	Colour	Shape	Pack size
[10289]		Large	1 pc
[10290]		Medium	1 pc
[10291]		Small	1 pc

Stainless steel model base former, medium

- Acid-resistant, scratch-proof, non-deformable
- Rubber ring included
- Magnet included

Art. no.	Shape	Dimensions	Pack size
[10212]	Medium	95 x 84 mm	1 pc

Stainless steel model base former, raised

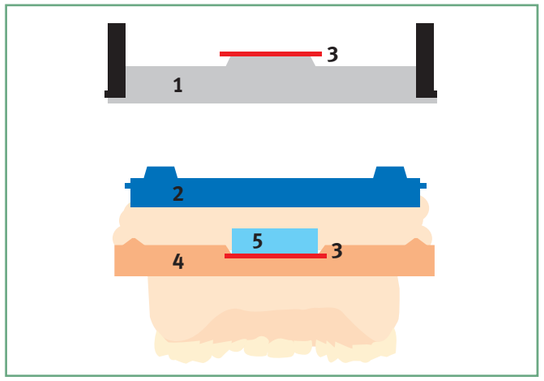
- Acid-resistant, scratch-proof, non-deformable
- The 6 mm elevation in the centre of the model base former creates a depression in the stone model into which the magnetic cup fits. This enables the space-saving and trouble-free mounting of models, while also freeing-up space inside the articulator's interior mounting height.
- Rubber ring and magnet included

Art. no.	Shape	Dimensions	Pack size
[10214]	Raised	95 x 84 mm	1 pc

As easy as 1-2-3...

The **raised stainless steel model base former** (1) puts an end to the premature contact/impact of the magnetic cup on the **plastic counter plate** (2) in the articulator, and the resulting tiresome and time-consuming corrective trimming needed for the models or plaster counter plates. **Magnetic plates** (3) are an additional cost-saving factor, since they avoid the use of retention discs.

The 6 mm elevation in the centre of the model base former creates a depression in the **sectioned model** base (4), into which the **magnetic cup** (5) is then fitted. Compared to conventional model base formers, this cup then protrudes minimally from the model depression. This ensures a trouble-free, space-saving mounting of the maxillary and mandibular models within the articulator's mounting height.



1 Raised stainless steel model base former
2 Plastic counter plate
3 Magnetic plate
4 Sectioned model
5 Magnetic cup

Universal base former, elastic rubber

- For quick and clean model making
- The elastic rubber makes it easy to remove the model impressions
- The material is rugged and easy to care for

Art. no.	Fig.	Shape	Dimensions	Pack size
[10201]	1	Small	76 x 57 mm	1 pc
[10202]	2	Medium	82 x 65 mm	1 pc
[10203]	3	Large	88 x 72 mm	1 pc

Base former, elastic rubber

- For quick and clean model making
- The elastic rubber makes it easy to remove the model impressions
- The material is rugged and easy to care for
- Suitable for simple split-cast systems

Art. no.	Fig.	Shape	Dimensions	Pack size
[10209]	1	Maxillar	85 x 63 mm	1 pc
[10210]	2	Mandibular	87 x 62 mm	1 pc

Rebasing unit

- Quick-release clamps for uniform closing of the rebasing unit
- Conical guide
- Stainless steel pillars
- Inner form factor 68 mm

Art. no.	Pack size
[10215]	1 pc

Quick-release clamp

- For rebasing unit
- Stainless steel

Art. no.	Pack size
[10216]	1 pc

Good to know...

High-precision **rebasing unit** from **Mälzer Dental** with **quick-release clamps**.

The **rebasing unit** is made from aluminium and the pillars are made from stainless steel.

The **quick-release clamps** ensure that the **rebasing unit** can be closed uniformly at all times. Bite elevations are therefore virtually impossible.

1

2

Abrasive belts

- Improved abrasion via tough, hard and novel abrasive grain made from zirconia alumina
- For trimming work on dry models

Art. no.	Fig.	For use with	Dimensions	Grit	Pack size
[10258-40]	1	Harnisch + Rieth	100 mm x 880 mm	40 grit	10 pcs
[10259-40]	2	KaVo®	100 mm x 950 mm	40 grit	10 pcs
[10259-60]	–	KaVo®	100 mm x 950 mm	60 grit	10 pcs
[10260-60]	3	Amann Girrbach	90 mm x 610 mm	60 grit	10 pcs

Care/release spray

- For upkeep of **CORSOART®** articulators, trimmers and cuvettes
- Protects all components from moisture and soiling
- Release agent for plaster, wax and plastics

Art. no.	Pack size
[12015]	1 can, 400 ml

Triostar gingival mask

· *Can be milled*
· *Can be scanned*
· *Implant work*

- For universal use
- Suitable for CAD/CAM, implants and crown/bridgework
- Ideal scanning results
- Very easy to mill
- Perfect for scalpel trimming
- Now with redesigned dosing gun

Art. no.	Fig.	Triostar gingival mask and accessories	Pack size
[15200]	1	Triostar gingival mask 10 mixing nozzles and 10 tips included	2 pcs, 50 ml
[15201]	2	Separator for Triostar gingival mask	1 can, 85 ml
[15202]	3	Mixing nozzles, short	50 pcs
[15203]	4	Tips for mixing nozzles	50 pcs
[15204]	5	Mixing gun	1 pc

As easy as 1-2-3...

The **Triostar gingival mask** permits an optimum reconstruction of the gum line along the model.
The **Triostar gingival mask** has excellent tensile and mechanical strength, and is the ideal all-in-one solution for any dental lab, since it can be milled and scanned, and is suitable for implant work.
The special short **mixing nozzles** help to save material while simultaneously ensuring high-quality mixing results.
The additional **tips for mixing nozzles** help to ensure precise, detailed work even in hard-to-reach locations.
The **separator for the Triostar gingival mask** permits masks to be made directly in the impression.

*Thanks to its excellent tensile and mechanical strength, the der **Triostar gingival mask** is easy to rework with an **ATN bur** or **scalpel**.*

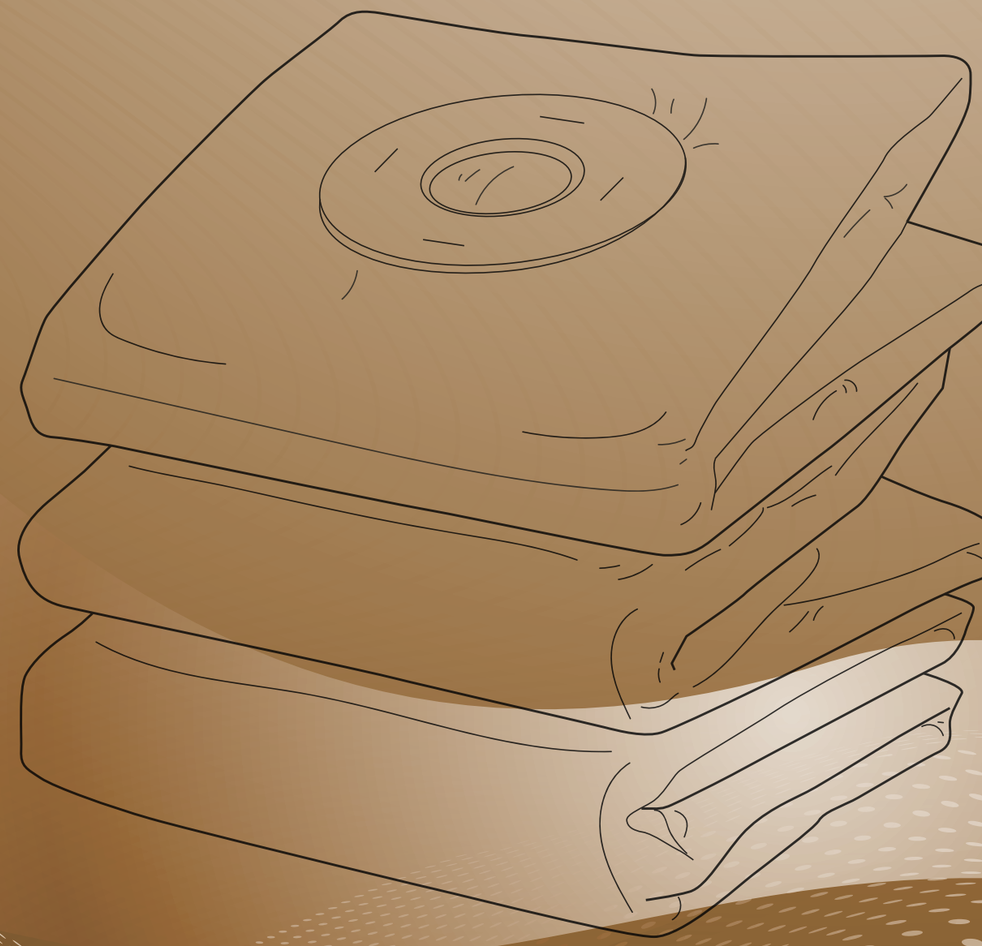
*The special formulation used by the **Triostar gingival mask** ensures optimum scanning results with a high level of detail.*

*With its optimised flow properties, the **Triostar gingival mask** creates a made-to-measure reproduction of the patient's gum directly at the edge of the implant.*

Filter systems

For guidance only

The manufacturer's original part numbers are for guidance only. In each case, products are **Mälzer Dental** replacement filter bags and are not the original manufacturer parts.



Prices available upon request or as a download from www.maelzer-dental.com

Filter systems
for use with Harnisch & Rieth

Art. no.	Fig.	Type	For use with	Pack size
[15420]	1	Filter bag	42015 for DLE255S / DLE255E / DLE260S	5 pcs
[15421]	2	Filter bag	42100 for DBS320kk / D-V	5 pcs
[15422]	3	Filter bag	42303 for DBS2 / DLE260E	3 pcs
[15423]	4	Filter bag	42300 for G-F318E dental model trimmer	5 pcs

Good to know...

All **Mälzer Dental** replacement filter bags have been tested and certified by the Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA) as filter bags for extraction systems from the stated manufacturers. Made in Germany – *naturally!*

Filter systems
for use with Freuding

Art. no.	Fig.	Type	For use with	Pack size
[15410]	1	Filter bag	TA 035	3 pcs
[15413]	2	Filter bag	F4 530	1 pc
[15414]	3	Filter bag	MA 636	1 pc
[15415]	4	Filter bag	MA 635	1 pc

Filter systems
for use with KaVo®

Art. no.	Fig.	Type	For use with	Pack size
[15400]	1	Filter bag	EWL 0.658.2160 / SMARTair™ evo	5 pcs
[15401]	2	Filter bag	0.658.2350 polishing box	2 pcs
[15402]	3	Long-life filter	0.657.1142 Absormatic/Extramatic	1 pc
[15404]	4	Ultrafine filter	0.658.9802	1 pc

Filter systems for use with Wassermann®

Supplied with PE sleeve (for air-tight transportation and dust-free disposal)

Art. no.	Fig.	Type	For use with	Supplied in PE bag	Pack size
[15450]	1	Filter bag	WP-EX 2000 polishing unit	■	2 pcs
[15451]	2	Filter bag	WP-EX 80 polishing box	■	2 pcs
[15452]	3	Filter bag	LSG-02/SG-1/2 suction drawer	■	3 pcs
[15453]	4	Filter bag	SG-1/1, SG-2/2 and Timobil suction units	■	4 pcs

Good to know...

All **Mälzer Dental** replacement filter bags have been tested and certified by the Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA) as filter bags for extraction systems from the stated manufacturers. Made in Germany – *naturally!*

Filter systems for use with Zubler

Art. no.	Fig.	Type	For use with	Pack size
[15480]	1	Filter bag	556/ 0035 for V4010/V4011 (narrow door)	3 pcs
[15481]	2	Filter bag	556/0063 for V4050 (wide door)	1 pc
[15484]	3	Filter bag	556/40 for Z1 ECO/Z1 Cam	1 pc
[15483]	4	Dust filter cartridge	556/062 for FZ VARIO/EF5–EF5/2	1 pc

Filter systems for use with Renfert®

NEU *New product!*

Art. no.	Type	For use with	Pack size
[15490]	Filter bag	Renfert® Silent TS	5 pcs

Filter systems for use with Erio

Art. no.	Fig.	Type	For use with	Pack size
[15440]	1	Filter bag	84T	5 pc
[15441]	2	Filter bag	AR-RFI-54	5 pcs

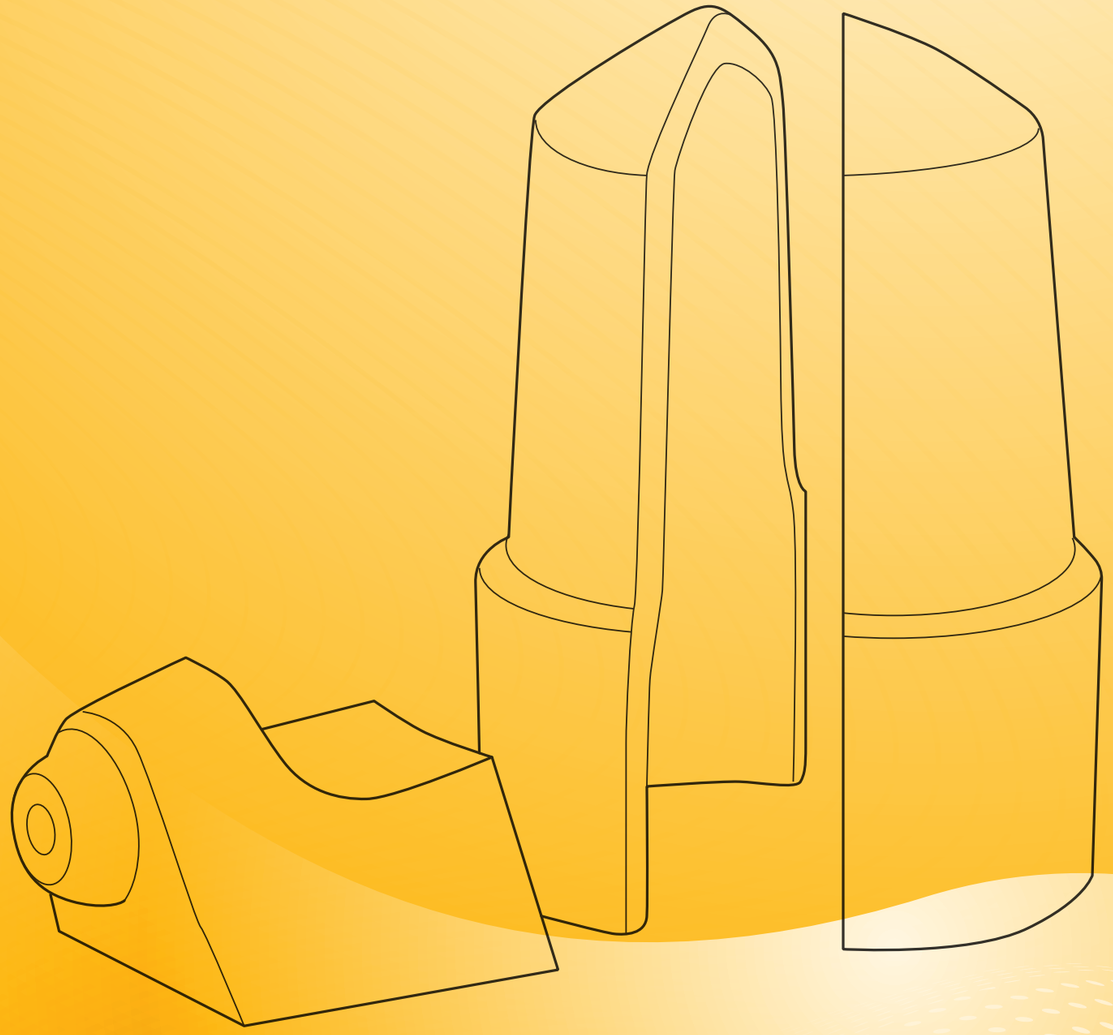
Filter systems for use with Degussa®

Art. no.	Type	For use with	Pack size
[15455]	Filter bag	PE5 polishing unit	2 pcs

Filter systems for use with Amann Girrbach

Art. no.	Type	For use with	Pack size
[15460]	Filter bag	178610 Airstream	5 pcs

Casting systems



CL-IM/IG CL-I95 Heracast IQ for use with Heraeus®

Accessories available ***online***

Art. no.	Fig.	Material/properties	Alloy	Includes	Pack size
[013CR]	1	Ceramic, special coating	Non-noble/noble metal, Pd alloy		5 pcs
[H12GS13]	2	Graphite	Noble metal	1 crucible supports	5 pcs
[013TT]		Ceramics	Crucible supports for H12GS13		5 pcs

TS3 Motorcast for use with Degussa® Ducatron for use with Schütz

- Degussa® ceramic, special coating,do not pre-glaze
- Schütz ceramics

Art. no.	Fig.	For use with	Alloy	Pack size
[023CR]	1	Degussa®	Non-noble/noble metal	5 pcs
[072CR]	2	Schütz	Non-noble/noble metal, Pd alloy	5 pcs

Retrocast for use with Reitel

Art. no.	For use with	Alloy	Pack size
[030TM]	Ceramic, special coating, do not pre-glaze	Non-noble/noble metal, Pd alloy	5 pcs

Nautilus® for use with Bego FORNAX® for use with Dentaurum

- Ceramic, special coating

Art. no.	Fig.	For use with	Alloy	Shape	Pack size
[033CR]	1	Bego	Non-noble/noble metal, Pd alloy	2-part	5 pcs
[003CR]	2	Dentaurum	Non-noble/noble metal, Pd alloy	Round opening at top	5 pcs
[003CR-new]	3	Dentaurum	Non-noble/noble metal, Pd alloy	Oval opening at top	5 pcs

Poli LD laser wire

- Laser wire in two different thicknesses
- For Polibond C, Policero L and Policero F
- For all non-noble metal alloys
- Cobalt-based
- Composition: Co 65.2%, Cr 27.7%, Mo 5.8%, Si <1%, Mn <1%, N <1%

Art. no.	Fig.	Dimensions	Pack size
[55500]	1	Ø 0.35 mm x 2 m	1 pc
[55501]	–	Ø 0.50 mm x 2 m	1 pc

Policero L
model casting alloy

- High-quality model casting alloy, cobalt-based
- Type 5 material according to EN ISO 22674
- Excellent laser welding properties
- Specially developed for clasp model casting and combined applications
- Can be soldered
- Universal alloy for all model casting applications
- Ideal for milling and polishing

Art. no.	Pack size
[55100]	1 box, 1,000 g

Good to know...

Composition	Model casting alloy **Policero L**
Cobalt (Co)	62.5%
Chromium (Cr)	29.5%
Tungsten (W)	–
Molybdenum (Mo)	5.5%
Silicon (Si)	1.3%
Manganese (Mn)	<1.0%
Trace elements <1%	Mn, C, N, Nb, Fe

Technical specifications	Model casting alloy **Policero L**
Density ϱ (g · cm^{-3})	8.2
Vickers hardness (HV10)	365
Linear thermal extension coefficient α 25–500 °C (10^{-6} · K^{-1})	–
Linear thermal extension coefficient α 20–600 °C (10^{-6} · K^{-1})	–
Melting range T_S–T_L (°C)	1,295–1,345
Casting temperature T_{cast} (°C)	1,450
Maximum recommended firing temperature T FR, max (°C)	–
0.2% proportional limit $R_{p\,0.2}$ (MPa)	640
Young's modulus E (GPa)	220
Elongation after fracture A_5 (%)	7.5

Prices available upon request or as a download from www.maelzer-dental.com

Polibond C
ceramic alloy

- Ceramic alloy, cobalt-based
- Contains no nickel, cadmium, beryllium or lead
- Type 4 material according to EN ISO 22674
- Can be soldered
- Can be laser-welded
- Due to its low hardness of HV 285, this metal-ceramic alloy is highly suitable for milling and polishing, and therefore the perfect choice for telescopic and combination work, even for large spans
- Ideal for crown/bridgework

Art. no.	Pack size
[55000]	1 box, 1,000 g

Good to know...

Composition	Metal-ceramic alloy **Polibond C**
Cobalt (Co)	62.5%
Chromium (Cr)	24.6%
Tungsten (W)	8.5%
Molybdenum (Mo)	2.9%
Silicon (Si)	1.3%
Manganese (Mn)	–
Trace elements <1%	Nb, Mn, Fe, N

Technical specifications	Metal-ceramic alloy **Polibond C**
Density ϱ (g · cm^{-3})	8.3
Vickers hardness (HV10)	285
Linear thermal extension coefficient α 25–500 °C (10^{-6} · K^{-1})	13.9
Linear thermal extension coefficient α 20–600 °C (10^{-6} · K^{-1})	14.0
Melting range T_S–T_L (°C)	1,304–1,369
Casting temperature T_{cast} (°C)	1,470
Maximum recommended firing temperature T FR, max (°C)	980
0.2% proportional limit $R_{p\,0.2}$ (MPa)	490
Young's modulus E (GPa)	210
Elongation after fracture A_5 (%)	10

Prices available upon request or as a download from www.maelzer-dental.com

Policero F
model casting alloy

- Model casting alloy, cobalt-based
- Contains no nickel, cadmium, beryllium or lead
- Type 5 material according to EN ISO 22674
- Can be soldered
- Can be laser-welded
- All-round model casting alloy with excellent elongation after fracture and high spring stiffness
- Specially developed for clasp model casting and combined applications
- Universal alloy for all model casting applications

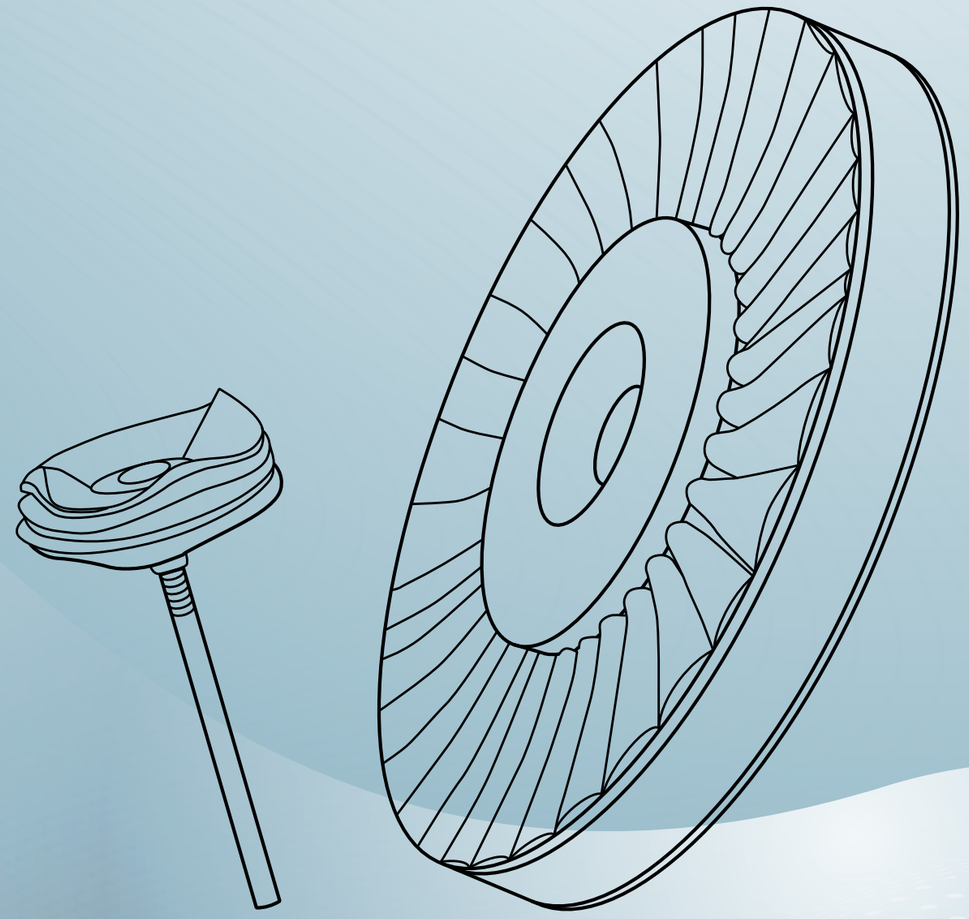
Art. no.	Pack size
[55200]	1 box, 1,000 g

Good to know...

Composition	Model casting alloy **Policero F**
Cobalt (Co)	62.5%
Chromium (Cr)	30.0%
Tungsten (W)	–
Molybdenum (Mo)	5.1%
Silicon (Si)	1.0%
Manganese (Mn)	1.0%
Trace elements <1%	C, N, Nb, Fe

Technical specifications	Model casting alloy **Policero F**
Density ϱ ($g \cdot cm^{-3}$)	8.2
Vickers hardness (HV10)	375
Linear thermal extension coefficient α 25–500 °C ($10^{-6} \cdot K^{-1}$)	–
Linear thermal extension coefficient α 20–600 °C ($10^{-6} \cdot K^{-1}$)	–
Melting range T_S–T_L (°C)	1,260–1,320
Casting temperature T_{cast} (°C)	1,440
Maximum recommended firing temperature T FR, max (°C)	–
0.2% proportional limit $R_{p\,0.2}$ (MPa)	620
Young's modulus E (GPa)	220
Elongation after fracture A_5 (%)	4.5

Finishing & Polishing Systems



Prices available upon request or as a download from www.maelzer-dental.com

Motyl cutting discs for ceramics and zirconia

- Fibreglass-reinforced 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
[51510]	1	20 mm	0.15 mm	25,000 rpm	10 pcs
[51506]	2	20 mm	0.20 mm	50,000 rpm	10 pcs
[51511]	3	20 mm	0.25 mm +	50,000 rpm	10 pcs
[51507]	4	20 mm	0.30 mm	50,000 rpm	10 pcs

Motyl cutting discs for noble metals and non-noble metals

- Fibreglass-reinforced 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	fbreglass-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
[51513]	1	22 mm	0.15 mm	10,000–20,000 rpm	25,000 rpm	20 pcs
[51508]	2	22 mm	0.20 mm	10,000–25,000 rpm	50,000 rpm	20 pcs
[51514]	3	22 mm	0.25 mm +	10,000–25,000 rpm	50,000 rpm	20 pcs
[51509]	4	22 mm	0.30 mm	15,000–30,000 rpm	50,000 rpm	20 pcs
[51500]	5	22 mm	0.50 mm	15,000–30,000 rpm	50,000 rpm	20 pcs

Motyl cutting discs for noble metals and non-noble metals

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

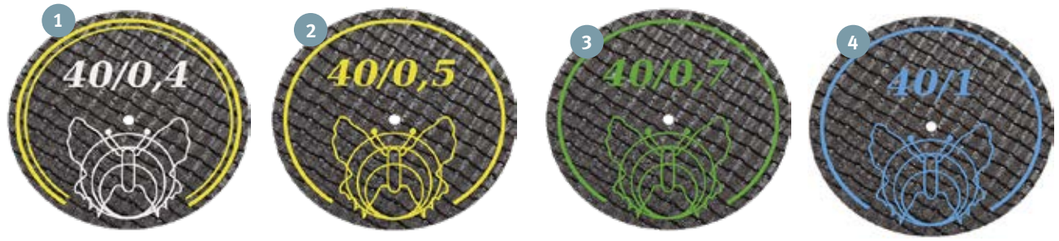
Application

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
[51516]	1	26 mm	0.25 mm +	15,000–30,000 rpm	50,000 rpm	20 pcs
[51501]	2	26 mm	0.30 mm	15,000–30,000 rpm	50,000 rpm	20 pcs
[51502]	3	26 mm	0.50 mm	15,000–30,000 rpm	50,000 rpm	20 pcs



Art. no.	Fig.	Diameter (Ø)	Thickness	Opt. speed ↻	Max. speed ↻	Pack size
[51517]	1	40 mm	0.40 mm	15,000–25,000 rpm	38,000 rpm	20 pcs
[51503]	2	40 mm	0.50 mm	15,000–25,000 rpm	38,000 rpm	20 pcs
[51504]	3	40 mm	0.70 mm	15,000–25,000 rpm	38,000 rpm	20 pcs
[51505]	4	40 mm	1.00 mm	15,000–25,000 rpm	38,000 rpm	20 pcs

Good to know...

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

Good to know...

ATN burs in day-to-day use

The **ATN burs** series from **Mälzer Dental** consists of a triple **a**luminium, **t**itanium and **n**itrite 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.

Vickers hardness for burs

Standard (1,600 VH)

ATN burs (3,300 VH)

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

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
- Extremely hard and smooth surface

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.	Grit	Diameter (Ø)	Shape	Max. speed ↻	Pack size
[52702]	normal	6.0 mm	grenade	35,000 rpm	1 pc

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

134

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]	[52512]	[52510]	[52507]	[52504]
Diameter (Ø)	1.4 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm
Shape	egg	torpedo	cylinder, round	pear	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

Art. no.	[52506]	[52500]	[52503]	[52505]	[52508]
Diameter (Ø)	2.3 mm	2.3 mm	4.0 mm	4.0 mm	6.0 mm
Shape	cone, long, pointed	cone, long	cone	cone, short	grenade
Max. speed ↻	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

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

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

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

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

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

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

Use in hand piece or a parallel bur device

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

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

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

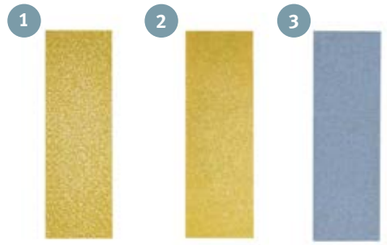
Product parameters

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

Art. no.	Fig.	Degree number	Opt. speed ↻	Socket	Pack size
[52300]	1	0°	4,000–5,000 rpm	shaft 2.35 mm	1 pc
[52304]	2	0°	4,000–5,000 rpm	shaft 3.00 mm	1 pc

Telefix abrasive paper

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



Product parameters

120	240	600		
			Grit	coarse 120, medium 240, 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
[52300]	1	0°	120 coarse	50 pcs
[52304]	2	0°	240 medium	50 pcs
[52308]	3	0°	600 fine	50 pcs

As easy as 1-2-3...

Use in hand piece or a parallel bur device. For optimum surface finishing of telescopic crowns/cone crowns.

Telefix abrasive paper holder can be fitted using the self-adhesive **Telefix abrasive paper** in the required grit – coarse, medium or fine.

Policeram aquamarine polishers

Bestseller!

- 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

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]	[53408]
Head size	Ø 5.0 mm	Ø 5.0 mm	Ø 5.0 mm	Ø 3.0 mm
Shape	roller mount conical stop ring	small head	small head reinforced shaft	collet mandrel thread
Pack size	1 pc	1 pc	1 pc	1 pc

Polichrom onyx polishers

Bestseller!

- 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]	[53023]
Dimensions	Ø 22 x 3.2 mm	Ø 22 x 4 mm	Ø 7 x 20 mm	Ø 3 x 23 mm
Shape	wheel	lense	roller	pin
Pack size	100 pcs	100 pcs	100 pcs	100 pcs

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 **ATN burs** – see page 98–100.

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

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

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

Polistone zirconia coarse and medium

Bestseller!

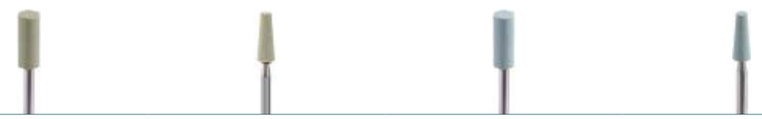
- Natural diamond grinding stones
- High stock removal with low heat generation
- For dry processing of zirconia and lithium disilicate

Application

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

Product parameters

Coarse	Grit	coarse or medium
Medium	Optimum/maximum speed	10,000–15,000 rpm/20,000 rpm
	Hand piece	mounted, 2.35 mm



Art. no.	[52004]	[52020]	[52005]	[52003]
Dimensions	Ø 4.8 x 13 mm	Ø 4 x 11 mm	Ø 4.8 x 13 mm	Ø 4 x 11 mm
Shape	cylinder, small	cone	cylinder, small	cone
Pack size	1 pc	1 pc	1 pc	1 pc

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.	[54091]	[54090]
Diameter (Ø)	22 mm	22 mm
Material	horsehair, standard hard	goatshair, extra-soft
Pack size	12 pcs	12 pcs

Miniature brush

- 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]
Material	Chungking, hard, white	Chungking, hard, black	goatshair, soft
Application	pre-polishing	pre-polishing	high-gloss polishing
Dimensions	Ø 5 x 9.5 mm	Ø 5 x 9.5 mm	Ø 5 x 9.5 mm
Pack size	12 pcs	12 pcs	12 pcs

Robinson polishing brushes

made in USA

- 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.	[54051]	[54052]	[54054]
Diameter (Ø)	17 mm	19 mm	19 mm
Material	bison, soft	bison, soft	bison, hard
Quality	11 – soft	12 – soft	12 – stiff
Pack size	12 pcs	12 pcs	12 pcs

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

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]	[54150]	[54151]
Dimensions	Ø 22 mm	Ø 22 x 3 mm	Ø 22 x 3 mm
Material	cotton	Alcontura, hard microfibre buff disk	Alcontura, soft microfibre buff disk
Pack size	12 pcs	1 pc	1 pc

A universal system for maximum results

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

The **Alcontura microfibre buff disk** adapts perfectly to the prosthetic, reaching even into the tightest interdental spaces.
Also available for polishing motors – see page 112.

*Pre-polish and final polish of a full denture, with the **Alcontura soft microfibre 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 microfibre buff disk**.*

Calibris® brushes

made in UK

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
[54100]	1	original	80 mm	3 rows of Chungking bristles, 2 layers of linen	10 pcs
[54101]	2	mini	55 mm	2 rows of Chungking bristles, 1 layer of linen	12 pcs

Policool brushes

Chungking brushes for final polishing of papillae, fissures and the interdental spaces with pumice 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
[54121]	1	hard	44 mm	1 row of Chungking bristles, very narrow	12 pcs
[54120]	2	medium	44 mm	1 row of horsehair bristles, very narrow	12 pcs

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
[54110]	70 mm	2 rows of Chungking bristles	12 pcs

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
[54132]	1	hard	49 mm	1 row of black Chungking bristles	12 pcs
[54130]	2	soft	49 mm	1 row of white goatshair bristles very soft	12 pcs

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

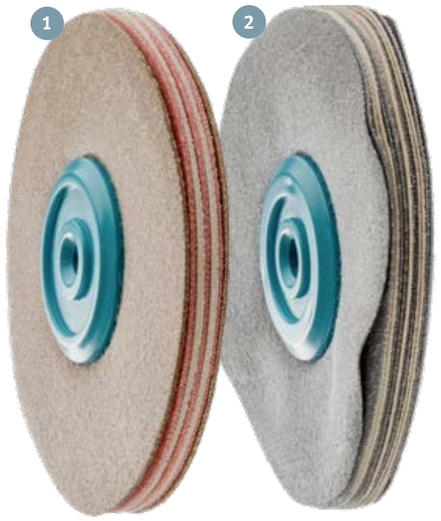
Application

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

Art. no.	Fig.	Variant	Diameter (Ø)	Structure	Pack size
[54141]	1	standard	80 mm	2 rows of white Chungking bristles 1 row of nonwoven inlay	12 pcs
[54140]	2	mini	55 mm	2 rows of white Chungking bristles 1 row of nonwoven inlay	12 pcs
[54143]	3	ID	55 mm	2 rows of white Chungking bristles 1 row of nonwoven inlay	12 pcs
[54142]	4	extra	80 mm	2 rows of white Chungking bristles 2 rows of zeta cloth 1 row of nonwoven inlay	12 pcs

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
[54152]	1	hard	Ø 100 x 8 mm	Alcontura hard, microfibre buff disk	1 pc
[54153]	2	soft	Ø 100 x 8 mm	Alcontura soft, microfibre buff disk	1 pc

Polistandard

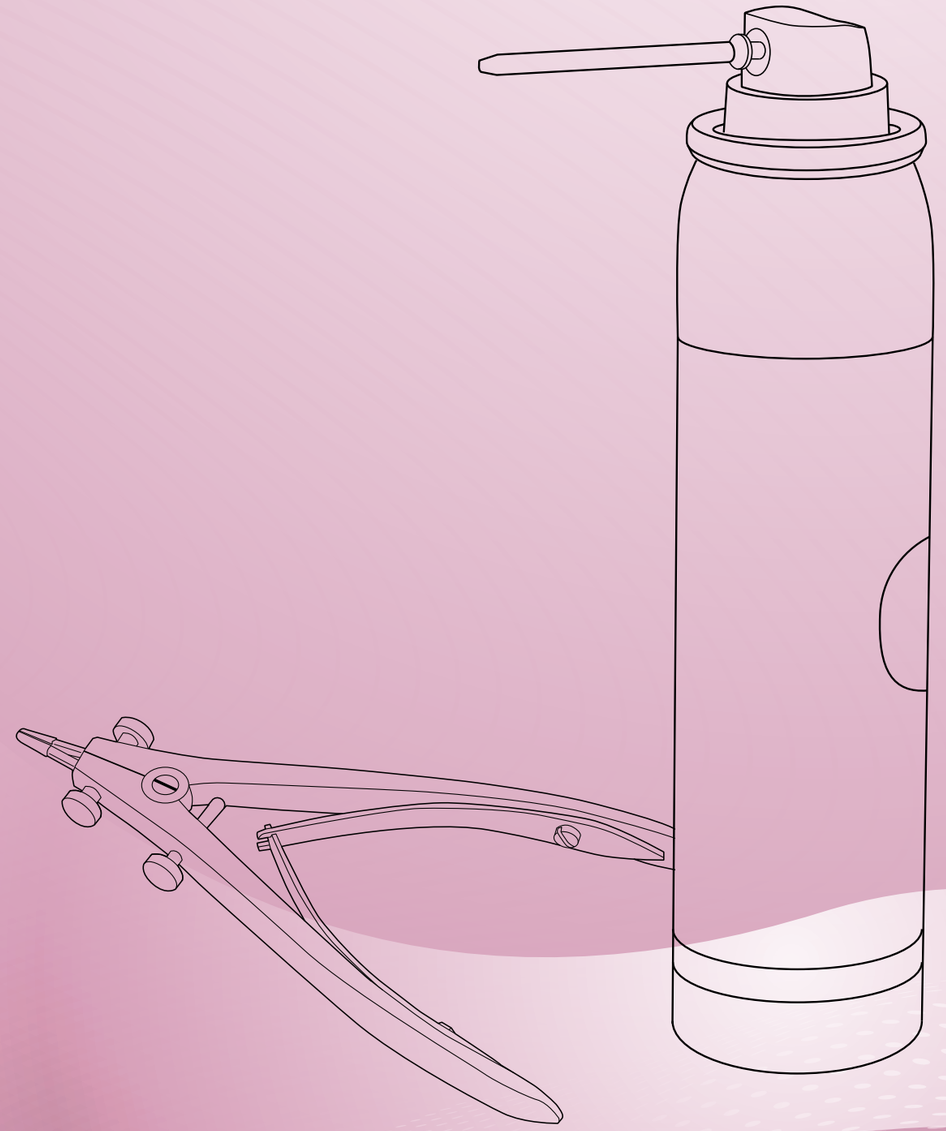
- Universal high-gloss buff disk
- For pre-polishing with pumice and ideal for a high gloss on plastics
- Very long service life
- Reliable spindle insertion thanks to tapered socket in core
- Excellent polish take-up, thanks to soft and fine grade of surface material

Application

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

Art. no.	Variant	Dimensions	Structure	Pack size
[54160]	fine	Ø 100 x 7 mm	Cotton surrogate (nettle), fine	1 pc

Other dental accessories



Prices available upon request or as a download from www.maelzer-dental.com

Polifix gel

- Gel for fixing zirconia/ceramic applications (veneers, inlays, crowns and bridges) onto the die
- Burns without residue – which makes it suitable for all ceramic materials and any zirconia
- Colour-neutral
- Clear
- Thin adhesive film
- Very good bonding
- Water-soluble
- Very useful when finishing proximal contacts and for applying ceramics or fixing the antagonists

Art. no.	Pack size
[50201]	1 syringe, 5 g

As easy as 1-2-3:

*Apply a small drop of **Polifix Gel** to the occlusal surfaces of the die.*

Place all-ceramic or zirconia bridge on the die and press down carefully to the preparation boundary.
*This displaces the **Polifix gel** and creates the bonding force.*

*The **Polifix gel** fixes and secures the exact position of the bridge on the die. This helps when finishing the occlusal or proximal surfaces.*

NITREX gloves, blue semi-transparent

- Nitrile examination gloves
- Extra tear-resistant
- Latex-free
- Powder-free
- Excellent fit
- Conform to MDR (EU) 2017/745, EN 455, PPE Regulation (EU) 2016/425, EN ISO 21420, EN 374
- AQL 1.5
- PPE Category III: waterproof protective gloves versus chemical hazards
- Class I medical device

Art. no.	Colour	Size	Pack size
[50100]	●	S	1 pack, 100 pcs
[50101]	●	M	1 pack, 100 pcs
[50102]	●	L	1 pack, 100 pcs

NITREX gloves, black

- Nitrile examination gloves
- Extra tear-resistant
- Latex-free
- Powder-free
- Excellent fit
- Conform to MDR (EU) 2017/745, EN 455, PPE Regulation (EU) 2016/425, EN ISO 21420, EN 374
- AQL 1.5
- PPE Category III: waterproof protective gloves versus chemical hazards
- Class I medical device

Art. no.	Colour	Size	Pack size
[50150]	●	S	1 pack, 100 pcs
[50151]	●	M	1 pack, 100 pcs
[50152]	●	L	1 pack, 100 pcs

Firing stabilisation paste

- For stable fixing of ceramic work on the firing material tray
- Can be removed without residue with a careful jet of compressed air
- Avoids time-consuming scraping out/sandblasting after firing work
- No curing time required

Art. no.	Pack size
[50090]	1 syringe, 12 ml

As easy as 1-2-3:

When working on crowns or difficult kinds of ceramic work such as veneers, ensuring the work stays in place during firing is essential. The firing stabilisation paste ensures that the dental objects remain fixed on the firing tray in an optimum position during the entire firing process. As a first step, the firing stabilisation paste is applied to the firing tray as a ‘cushion’. Following this, the crown is also filled with the firing stabilisation paste, up to just under the crown margin, and is then positioned on the paste ‘cushion’. The entire process can be completed without waiting, since the dental object is perfectly fixed and can be placed in the kiln directly without requiring a curing time.
Thanks to the firing stabilisation paste, the object cannot slip during the firing procedure.

After firing, the firing stabilisation paste can be easily removed from the object without residue with a single, targeted jet of compressed air. This avoids any damage that could be caused by scraping or sand-blasting off a fixing mechanism.

For casting work, the firing stabilisation paste is also the ideal choice for positioning and stabilising platinum films.

Occlupoint occlusion spray

Bestseller!

- Fine, micro-pulverised occlusion spray
- To identify premature/interfering occlusal contacts
- Can be removed easily and residue-free without water
- Supplied with a coarse (green) and fine (yellow) spot nozzle

Art. no.	Colour	Pack size
[50050]	(green)	1 can, 75 ml
[50051]	(red)	1 can, 75 ml
[50052]	(blue)	1 can, 75 ml
[50053]	(dark green)	1 can, 75 ml

Good to know...

Occlupoint guarantees precise spot dosing with the aid of two high-precision spray nozzles (coarse and fine), and a uniform pigmentation of approx. 4 µm. The micro-powder creates a homogeneous and uniformly thin spray film that helps to highlight premature and interfering occlusal contacts on any material. The ultrafine grain size ensure smooth spraying action from the very start, right up until the spray can has been completely emptied.

Mixing/storage pots

- Mixing-up and safe storage pots
- For the safe transportation of small dental parts

Art. no.	Dimensions	Capacity	Pack size
[50040]	ø 3.3 x 1.5 cm	10 ml	100 pc

Soft foam inserts for mixing/storage pots

- Special insert for mixing/storage pots
- Stops small parts from slipping/shifting
- Ideal for the safe transportation of inlays, crowns or other small parts

Art. no.	Dimensions	Pack size
[50041]	ø 2.8 x 0.9 cm	100 pcs

As easy as 1-2-3:

The mixing-up and safe storage pot is a safe and economical alternative to the conventional membrane boxes for the transportation of zirconia/ceramic crowns, inlays, and implant fittings and parts. The special composition of the material is absolutely inert as regards other substances, which therefore makes the pots ideal for mixing-up plastics for prosthetics and occlusal splints.

Thanks to its special leak protection, mixing/storage pots offer a reliable container for the safe storage or transportation of objects that need to be stored in a disinfectant solution.

Telegrip telescopic pliers

- Telescopic pliers for telescopic and crown work
- Suitable for all crown types and sizes
- Supplied with 1 pair of interchangeable diamond tips (grit: D151, natural diamond)

Art. no.	Fig.	Model	Pack size
[56000]	1	Telegrip telescopic pliers 1 pair of diamond tips included	1 pc
[56001]	2	Telegrip telescopic pliers with grub screws 1 pair of diamond tips included	1 pc

Art. no.	Fig.	Accessories	Pack size
[56010]	1	Diamond tips for Telegrip Shaft diameter 2.35 mm	2 pcs
[56011]	2	Clamping screws for Telegrip Thread diameter 2.9 mm	2 pcs
[56012]	3	Grub screws for Telegrip	2 pcs
[56013]	4	Adjusting screw for Telegrip	1 pc

Good to know...

The **Telegrip telescopic pliers** are very versatile, thanks to the quick and easy replacement of the **diamond tips**.

Force is applied gently to the pliers jaws by the controlled and linear tractive force from the pliers grip, which ensures that edges cannot become deformed or misaligned.

The **Telegrip telescopic pliers** are proof that stability and quality need not be prohibitively expensive!

DIALUX GRÜN®

- Universal polishing paste with diamond content for dental lab materials
- Pre-polish and high-gloss finish in one work step
- Polishing without smearing

1

Application

Noble metals	Titanium	PMMA, PEEK, composite	Ceramics	Zirconia
		■		

Art. no.	Fig.	Pack size
[54500]	1	1 ingot, approx. 275 g
[54501]		1 ingot, approx. 50 g

Good to know...

The high-quality polishing pastes **DIALUX GRÜN®** and **DIALUX WEISS** with diamond content are supplied in a practical wooden box, and can be used both with motorised polishers and hand piece polishing.
Our **Robinson brushes** (art. no. 54052) are especially suitable for hand piece polishing work with **DIALUX GRÜN®** and **DIALUX WEISS**.

DIALUX GRÜN®
Any and all dental synthetics on prosthetics and occlusal splints, as well as metal composite transitions, can be polished quickly and easily.

DIALUX WEISS
All dental metals, such as non-noble metals and CrCo, can be polished to a gloss finish quickly and easily.

Quick and simple...

for pre-polishing, the polishing paste should be applied thoroughly and liberally to the object.

For high-gloss polishing, only the remaining paste is used for the finish.

DIALUX WEISS

- Universal polishing paste with diamond content for dental lab materials
- Pre-polish and high-gloss finish in one work step
- Polishing without smearing

1

Application

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

Art. no.	Fig.	Pack size
[54510]	1	1 ingot, approx. 275 g
[54511]		1 ingot, approx. 50 g

DIALUX Nr. 40®

- Polishing paste with high diamond content for hand piece polishing
- Pre-polish and high-gloss finish in one work step
- **DIALUX Nr. 40®** and original Robinson brushes (page 107) offer an optimal combination for polishing veneers

Application

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

Art. no.	Pack size
[54520]	1 can, approx. 40 g

Good to know...

DIALUX Nr. 40® is a diamond finishing paste for polishing with a hand piece. The paste has been specially developed for the high-gloss polishing of zirconia and ceramics, noble and non-noble metals, and for very dense, highly reflective surfaces. Polishing work can be completed quickly and easily, and without any smearing. Original **Robinson brushes**, e.g. art. no. 54052, are an ideal choice for use with this paste.

Single-use tips and double tip holder

- For applying opaquer, silane, coupling agent, retention adhesive, etc.
- Clear/black tapered nylon hair
- Flexible application thanks to double tip holder (art. no. 50083) with straight and angled tip socket

Art. no.	Fig.	Size	Shaft length	Hair length	Pack size
[50080]	1	001	14.0 mm	6.0 mm	100 pc
[50081]	2	001 hard	13.0 mm	7.0 mm	100 pc
[50083]	3	For use with sizes 001, 001 hard			1 pc

DIGI scanspray

Bestseller!

- Adds an anti-reflective coating to surfaces before scanning
- High-fidelity, precise edge presentation
- Ultra-fine colour pigment film, ensuring an ultra-thin top coat
- Applicator ensures accurate dosing
- Absorbed immediately

Art. no.	Colour	Pack size
[15110]		1 can, 75 ml

Fulight tray material

- For the production of individual impression trays, bite registrations, base plates, etc.
- Light-cure with UV or halogen light
- Soft consistency
- Twist-resistant
- Great time savings
- Very stable
- Long shelf life

Art. no.	Colour	Shape	Dimensions	Thickness	Spreadability	Bending strength	Pack size
[50500]		Top edge	100 x 70 mm	Approx. 2.1–2.4 mm	14.0–19.0 mm	›100 MPa	50 plates
[50501]		Top edge	100 x 70 mm	Approx. 2.1–2.4 mm	14.0–19.0 mm	›100 MPa	50 plates

Please note:

Light-cure, individual tray material based on hybrid composite. The outstanding and constant material properties facilitate clean and quick processing. Excess material can be easily reused, to make trays, for example, in combination with the **CORSOFIX® tray handle** (see page 43). **Fulight tray material** can be rapidly cured by using UV or halogen light.

WP Dental
We know how

Steam cleaning net

- For the gentle steam cleaning of workpieces in the dental lab
- The workpieces are simple to pick up and can then be easily steam-cleaned depending on the work step involved
- Metal parts made from stainless steel
- The net inserts are made from a special plastic that can be stretched out to a certain degree but which does not then snap back into its original shape

Art. no.	Pack size
[56040]	1 pc

Replacement nets

- Made from a special plastic that can be stretched out to a certain degree but which does not then snap back into its original shape
- Permits quick and simple replacement

Art. no.	Pack size
[56041]	1 pair

Quick and simple...

The **steam cleaning net** offers a safer approach than using tweezers or a crown clamp. The workpiece does not need to be swung backwards and forwards to steam clean it.
The procedure can be carried out safely and without any complications.

The net should only be stretched very slightly without applying significant force.

After use, it should be dismantled into its separate parts for drying – compressed air or a dry cloth can help to dry out any damp areas.

Magicclean

- Cleaning concentrate
- Removes oils, greases, polishing paste residues, tartar, plaster, alginates and adhesives
- Cleaning concentrate for ultrasound and needle cleaning baths
- Bactericidal and fungicidal

Art. no.	Fig.	Perfume	Pack size
[50030]	1	Citrus	1 bottle, 1 l
[50031]	2	Citrus	1 canister, 5 l

Good to know...

If surfaces in the practice or laboratory are heavily soiled, clean first with **Magicclean**.
Regular use makes it significantly easier to clean the surfaces.
Can be used undiluted and in dilutions from 1:10 to 1:150

Adhesive cleaner

- For removing stubborn adhesive residues
- Removes all adhesive residues from impression trays

Art. no.	Pack size
[15520]	1 can, 400 ml

As easy as 1-2-3:

Thanks to its foaming consistency, the **adhesive cleaner** adheres easily to the objects to be cleaned and can easily be left in place to do its work in order to achieve its full cleaning performance.
As a final step, the foam is wiped off with a cloth and the impression tray is then rinsed briefly with plain water.

High-pressure nozzle for Dental Cleaner

- High-pressure nozzle for impression tray cleaning unit

Art. no.	Pack size
[15500-05]	1 pc

Good to know...

Perfect cleaning results – guaranteed!

The **Dental Cleaner** produces excellent results time after time. After a while, however, the performance of the **high-pressure nozzle** on the **Dental Cleaner** decreases and deposits start to form. These also cause a loss of cleaning performance and cleaning results tend to grow worse and worse.

Regular replacement of the **high-pressure nozzle** ensures the continued achievement of perfect cleaning results – every time and with every cleaning process. The manufacturer recommends replacing the nozzle every 24 months or as soon as the **high-pressure nozzle** starts showing visible signs of wear. See photo.

New and used high-pressure nozzles from the Dental Cleaner

DTC 430 Dental Cleaner

- Completely automated cleaning without prepping.
- Environmentally friendly cleaning with just tap water instead of expensive chemicals
- Cleans 25 impression trays/50 articulation plates in just 2 minutes
- Alginate, silicone and plaster debris all collect in a catch tray and do not enter the sewage system
- Water supplied from conventional washing machine connection

Art. no.	Pack size
[15500]	1 pc

More information?
Scan the QR code!

As easy as 1-2-3:

The Dental Cleaner is simple and straightforward to use:

1. Soiled plastic counter plates and impression trays are placed in the drum just as they are, i.e. with plaster, impression material, alginate and silicone debris, plaster strips, etc. The **Dental Cleaner** can clean 50 plastic counter plates or 25 impression trays in one load.
2. The **Dental Cleaner** is started and a fine, pulsing water jet cleans the equipment under very high pressure.
3. After about two minutes, the cleaning process is already complete, and the pieces of equipment are now free of silicone, plaster, alginate, etc.
4. Impression and plaster debris is then removed from the catch tray, and the **Dental Cleaner** can then be refilled and restarted.

Example 1: Drum filled with up to 25 dental trays.

Example 2: Drum filled with up to 50 plastic counter plates.

Plastic counter plates after the cleaning process (approx. 2 minutes).

Catch tray with alginate and plaster debris.

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. In the event of a sale, 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 Instalment Act (Abzahlungsgesetz) does not apply.

7 Liability for delivery defects

7.1 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.

7.2 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.

7.3 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.

7.4 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.

7.5 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.

7.6 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.

7.7 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. Place of fulfilment is Neustadt am Rübenberge.

10.2 Counterparty T&Cs are invalid, also in the event of the matter not being governed by these T&Cs.

Mälzer Dental GmbH & Co. KG
Wunstorf (Germany), March 2023

Start using SEPA direct debit payments – and save money, too!

Use SEPA direct debit payments to settle your invoices in the future and you'll no longer need to keep track of any invoice due dates. Since this also saves us time and money, we'll reward your trust in our company with a 3% discount on each invoice amount.

Advantages for you:

- 3% discount on every invoice
- No need to keep track of due dates

Just complete and sign the form below, and return it to us – nothing could be easier!
The discount amount will be stated on each of your invoices. You also have the option of cancelling your direct debit mandate at any time without citing any reason for doing so.

SEPA core direct debit mandate for recurring payments

Payment recipient:
Mälzer Dental GmbH & Co. KG
Schlesierweg 27
31515 Wunstorf, Germany

Creditor identifier:
DE06ZZZ00002320198

Mandate reference/customer number:

I/We hereby authorise Mälzer Dental GmbH & Co. KG to debit the payments that I/we owe the company on the due date from the account named below. This authorisation can be revoked. I/We are aware that full payment will be debited on receipt of the invoice and debits for partial amounts will not be made. I/We hereby also authorise my/our bank to credit Mälzer Dental GmbH & Co. KG with the direct debits collected from my/our account. Please note: I/We may request repayment of the debited sum within eight weeks of the date of the collection of the direct debit. The conditions agreed with my/our bank will apply to such requests.

☐ Please collect any payments that are currently outstanding

First name/last name

Name of bank

Street address

Street address

Postcode/town

Postcode/town

IBAN: ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐

BIC: ☐☐☐☐☐☐☐☐☐☐☐

Date/place

Signature and company stamp

Service hotline

+49 (0)5033 963 099-0

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

Attention!
Request return form

to:
Mälzer Dental GmbH & Co. KG
Logistics Centre
Im Kellerbusch 10
DE-31515 Wunstorf, Germany

Cust. no.:

Schlesierweg 27 · 31515 Wunstorf, Germany
Phone: +49 (0)5033 963 099-0 · Fax: +49 (0)5033 963 099-99
Email: info@maelzer-dental.de · Internet: www.maelzer-dental.de
VAT ID no.: DE322455555

Place of jurisdiction: Companies Register, Section A, 204730, Hanover Court of Registry
Registered office: Wunstorf, Germany
General partner: Althaus Verwaltungs GmbH
Managing Director: Carsten Althaus
Companies Register, Section B, 217726, Hanover Court of Registry

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