

PRODUCT CATALOGUE 2011



Dear DeguDent Partner,

For more than 100 years, dental laboratories, dentists and patients have trusted the prosthetic materials and systems by DeguDent.

We are committed to working with you to convey the fascination of prosthodontics to dentists and patients alike, supporting your work with proven, safe and innovative prosthetic materials, systems and services.

Isn't it fascinating when the work you do can improve somebody else's quality of life? Even give that person a bit of happiness?

This comprehensive product catalogue will present you with things you already know and things we invite you to discover. It will assist you to use your knowledge and skills to create fascinating dental restorations. Our highly knowledgeable sales staff will be happy to assist you, to answer your questions and to respond to your wishes.

We wish you the best of success!

Your partner:
DeguDent

Finally, we would like to present three icons that you will see many times throughout the catalogue:



Additional information: Supplementary data and additional sources of information such as brochures, instructions for use, Internet reference pages etc.



Product Link: Additional system components and materials designed specifically for use with the present product to obtain the best possible results.



User Hint: Useful tips and tricks that will make your work easier and more enjoyable.

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CAD/CAM

CAD/CAM solutions – customized, flexible, future-proof

For 10 years now, Cercon® smart ceramics has been a hallmark of application reliability and clinical safety. Numerous scientific studies investigating a broad range of indications have shown that Cercon® is just as safe as the gold standard of metal ceramics. Since the introduction of Cercon® in 2001, more than 5.7 million restorative units have been produced worldwide. Cercon® has a host of possible applications in your dental laboratory, allowing you to realize fixed all-ceramic restorations for a broad range of dental indications using CAD/CAM support.

Our Compartis service featuring a great variety of materials for cemented and screw-retained restorations completes our well-conceived prosthetic offering, letting you mix or match all your prosthetic components individually.



CAD/CAM – System

What we offer

Scan & Design

Production

Prosthetic solutions



Your decision in favour of Cercon® will also give you the immediate option to utilize the offerings of our network production – without having to invest in additional system components.

Opting for Compartis® means opting for a system solution – the central production of DeguDent, one of the world's largest suppliers of dental materials and processing systems. When it comes to dental alloys, dental ceramics, mechanical prosthetic elements or implants, our production expertise ensures that the frameworks you design via CAD will be fabricated to the highest quality standards. If you would like to concentrate on the functional and aesthetic aspects of your restorative designs, Compartis® should be the system of your choice.

All you have to do is scan your cast, optimize the geometric shape the system proposes for your framework and send us your data – at a click of your mouse. In 72 hours or less (guaranteed within Germany), your framework will be in your hands for further processing.

Cercon® art

The focus of all our CAD/CAM activities is on the dental technician. This is certainly true of the design of the virtual framework: The sequence of steps in body and in the software is structured according to the proven sequence of working steps in the laboratory, allowing the dental technician to proceed intuitively and to design objects with Cercon® art in the same manner as with the modelling tool, just using slide bars instead – intuitive, individual and straightforward.

Cercon® art and its components:

- Cercon® art PC (no keyboard)
- Cercon® art keyboard
- Cercon® art flat-screen monitor
- Cercon® move navigator
- Cercon® art software (available only with a PC)

Technical specifications

Cercon® art PC:

Dimensions (W x H x D)	200 x 370 x 370 mm
Weight	ca. 11 kg
Power rating	100 – 127 V~, 50/60 Hz oder 200 – 240 V~, 50/60 Hz
Maximum power consumption, nominal current	6 A – 3 A

Technical specifications

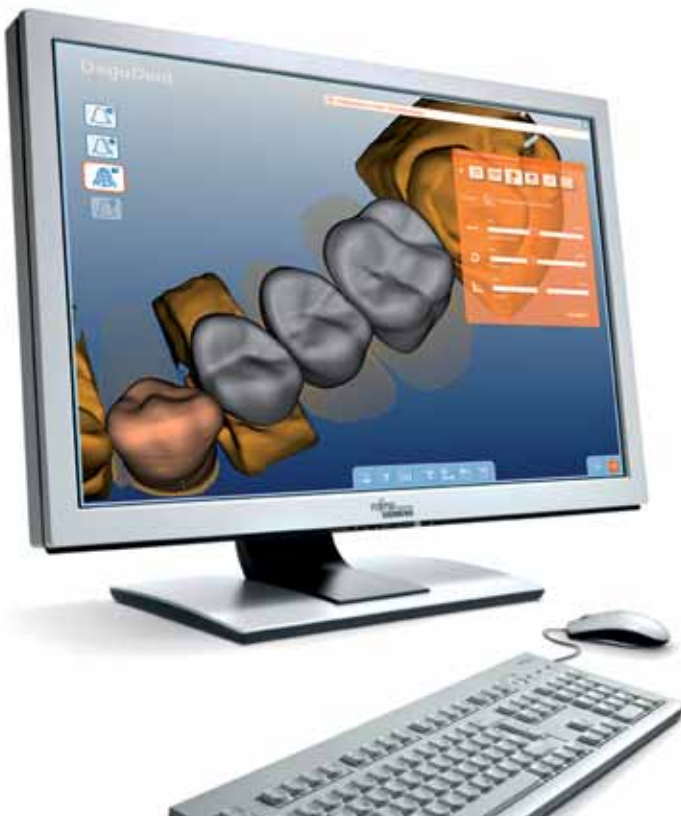
Cercon® art flat-screen monitor:

Dimensions (W x H x D)	369 x 495 x 268 mm
Weight	ca. 6,5 kg
Power rating	100 – 240 V~, 50/60 Hz
Maximum power consumption, nominal current	1,4 A

Technical specifications

Cercon® move:

Dimensions (W x H x D)	141 x 40 x 203 mm
Weight	ca. 0,7 kg



Cercon® art accessories

Cercon® art PC (no keyboard)	1 ea.	REF 53 5530 0001
Cercon® art keyboard	1 ea.	REF 53 5530 1034
Cercon® art flat-screen monitor	1 ea.	REF 53 5530 0123
Cercon® art navigator device	1 ea.	REF 53 5530 0153
CAD/CAM system scanning template, separate	1 ea.	REF 53 5530 1001
CAD/CAM system varnish, black, Cercon® art	1 ea.	REF 53 2545 0100
Cercon® art wireless bridge	1 ea.	REF 53 5530 0184
Cercon® art key	1 ea.	REF 53 5530 0145



See also: Product information – DeguDent CAD/CAM brochure

CAD/CAM – Cercon® eye

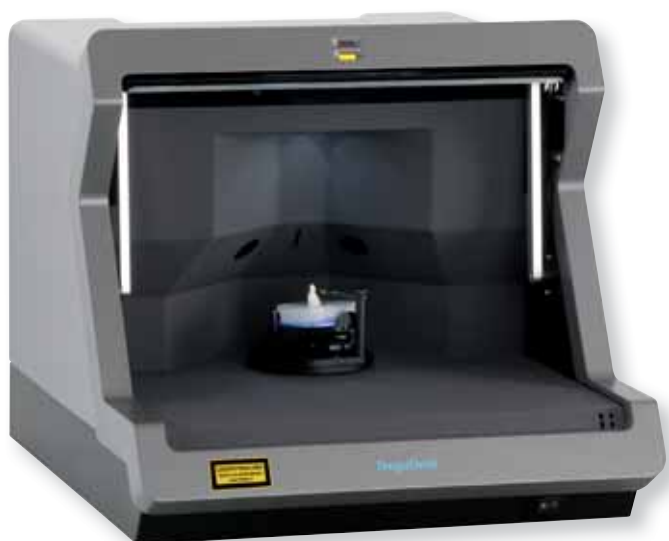
Cercon® eye

The Cercon® eye scanning module turns the CAM-supported Cercon® smart ceramics systems into a fully-fledged CAD/CAM system.

Cercon® eye offers you a choice between the following options:

- Local production using Cercon® brain or Cercon® brain expert
- Network production, sharing the work between the lab and a Cercon® laboratory
- Network production, sharing the work between the lab and DeguDent

The high-quality measuring instruments that form part of the Cercon® eye scanner as well as the precise interaction of all components ensure maximum accuracy in acquiring the data for dies and jaw segments and adjacent teeth. Cercon® eye directly references the scanned segments of the master cast: The data acquired represent their actual relative positions. This makes a separate matching or alignment step unnecessary, and the master cast is visualized 1 : 1 in the scanning image, with no deviation from the original.



Technical specifications

Dimensions (W x H x D)	490 x 447 x 569 mm
Weight	Approx. 31 kg
Power rating	100 – 240 V~, 50/60 Hz
Maximum power consumption	Approx. 100 W



See also: Product information – DeguDent CAD/CAM brochure

REF 53 5564 0001

1 ea.

Cercon® eye accessories

Cercon® eye modelling table	1 ea.	REF 53 5564 0100
Cercon® eye calibrating sphere	1 ea.	REF 53 5564 0110
Cercon® eye scan holder with scanning template	1 ea.	REF 53 5564 0120
Cercon® eye scanning template	1 ea.	REF 53 5564 0130
Cercon® eye blockout wax, 60 g	1 ea.	REF 53 2371 0101
Cercon® eye scanning spray, 50 ml	1 ea.	REF 53 2371 0102
Cercon® eye PC switch (optional)	1 ea.	REF 53 5564 0140

CAD/CAM – 3Shape Dental System™

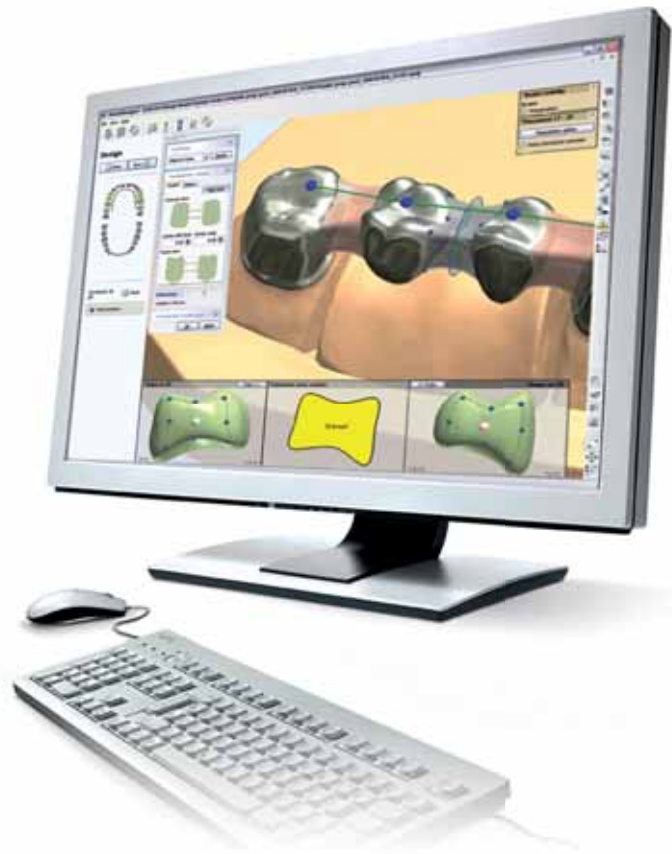
3Shape DentalDesigner™ and 3Shape DentalManager™

3Shape DentalDesigner™ is a flexible and customizable CAD software product for designing a great variety of dental restorations. It is suitable for crowns and for bridges of up to 16 units. One of the many interesting features of the software is its capability to design occlusal surfaces on the basis of pre-defined “library” teeth. You may even create your own libraries.

In 3Shape DentalManager™, you can manage and control your objects to be produced by Cercon® brain expert or Compartis®. Convenient searching and sorting options are available to simplify management.

The use of 3Shape DentalDesigner™ and 3Shape DentalManager™ is subject to the payment of annual licence fees.

3Shape DentalDesigner™ Includes PC, mouse and keyboard; does not include monitor		REF 53 5540 0001
3Shape DentalDesigner™, additional user, including one-year licence		REF 53 5541 0011
3Shape DentalDesigner™, one-year licence		REF 53 5541 0020
3Shape DentalDesigner™, one-year licence for additional user		REF 53 5541 0021
3Shape software, Abutment Designer, initial licence	1 ea.	REF 53 5541 0030
3Shape DentalDesigner, STL generator	1 ea.	REF 53 5541 0050
3Shape Software Abutment Designer, licence extension	1 ea.	REF 53 5541 0040
3Shape expert, activation	1 ea.	REF 53 5541 0060
3Shape impression scanning	1 ea.	REF 53 5541 0012
3Shape implant-supported bar/bridge initial licence	1 ea.	REF 53 5541 0070
3Shape implant-supported bar/bridge, one-year licence	1 ea.	REF 53 5541 0071
3Shape removable restorations, initial licence	1 ea.	REF 53 5541 0080
3Shape removable restorations, one-year licence	1 ea.	REF 53 5541 0081
3Shape removable restorations, stand-alone, initial licence	1 ea.	REF 53 5541 0082
3Shape removable restorations	1 ea.	REF 53 5541 0083
3Shape licence transfer	1 ea.	REF 53 5541 0090



See also: Product information – DeguDent CAD/CAM brochure

CAD/CAM – 3Shape Dental System™

3Shape Scanner D-700/710

The 3Shape scanner is a state-of-the-art three-dimensional scanner that acquires data from prepared dies and segments of the master cast as well as wax ups with impressively high precision. The scan data acquired are subsequently processed in 3Shape DentalDesigner™.

Benefits of the 3Shape D-700 and D-710 include simple automated calibration to ensure constant quality, fast and simple positioning of objects within the scanner, a wide variety of different scanning options for a broad range of objects, including the direct scanning of impressions (3Shape DentalDesigner™ software upgrade required), the double-scanning technique for wax-ups and automatic alignment of different scans.

Technical specifications

Dimensions (W x H x D)	340 x 90 x 330 mm
Weight	Approx. 14 kg
Power rating	100 – 240 V~, 50/60 Hz

3Shape Scanner D-700

(includes 3Shape DentalDesigner PC, mouse, keyboard, licence for the first year; does not include monitor)

REF 53 5544 0001 1 ea.

3Shape Scanner D-710

(includes 3Shape DentalDesigner PC, mouse, keyboard, licence for the first year; does not include monitor)

REF 53 5545 0001 1 ea.

3Shape DentalDesigner

REF 53 5540 0001 1 ea.



3Shape accessories

3Shape Dental wax-up extension	1 ea.	REF 53 5544 0100
3Shape Dental 2-cast extension	1 ea.	REF 53 5544 0101
3Shape D700 scanner interface plate	1 ea.	REF 53 5544 0102
3Shape impression scanning extension	1 ea.	REF 53 5544 0103
3Shape Explorer 3D mouse	1 ea.	REF 53 5544 0104



See also: Product information – DeguDent CAD/CAM brochure

CAD/CAM – Cercon® brain expert/Cercon® clean

Cercon® brain expert

Precision, speed, economy ... these are the words that best describe the second generation of our world-renowned and highly successful Cercon® brain.

The ease of handling of its predecessor has been augmented by linear drives with contactless bearings whose high-speed action allows even more precise and responsive control of the unit's high-speed cutters.

Disc-shaped blanks made of various materials along with the "multi-milling" feature ensure that all raw materials are utilized in an efficient and economical manner.



Cercon® clean

Cercon® clean safely collects the milling dust that is produced during the production process. It ensures that the maximum workplace concentration (MAK value) for zirconia of 1 mg/m³ is not exceeded.

Technical specifications	
Dimensions (W x H x D))	800 x 600 x 450 mm
Weight	Approx. 80 kg
Power rating	100 – 240 V~, 50/60 Hz
Maximum power consumption	Approx. 750 – 800 W

REF 53 5566 0001 1 ea.

Technical specifications	
Dimensions (W x H x D))	450 x 550 x 500 mm
Weight	Approx. 15 kg
Power rating	100 – 120 V~, 50/60 Hz, 200 – 240 V~, 50/60 Hz
Maximum power consumption	Approx. 600 W

REF 53 5559 0010 1 ea.

Cercon® brain expert accessories

Cercon® cutter, Cercon® 1.0 mm	1 ea.	REF 53 5558 0101
Cercon® cutter, PMMA, cast 1.0 mm	1 ea.	REF 53 5558 0111
Cercon® cutter, Cercon® 2.0 mm	1 ea.	REF 53 5558 0102
Cercon® cutter, PMMA, cast 2.0 mm	1 ea.	REF 53 5558 0112
Cercon® cutter, Cercon® 3.0 mm	1 ea.	REF 53 5558 0103
Cercon® cutter, PMMA, cast 3.0 mm	1 ea.	REF 53 5558 0113
Cercon® brain expert PC	1 ea.	REF 53 5538 0001
Cercon® brain expert, pressure converter	1 ea.	REF 53 5566 3005
Cercon® brain expert, vacuum nozzle	1 ea.	REF 53 5566 0100

Cercon® clean accessories

Vacuum bags	3 ea.	REF 53 5559 1180
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See also: Product information – DeguDent CAD/CAM brochure

CAD/CAM – Cercon® heat plus/Cercon® heat

Cercon® heat plus

The Cercon® heat plus and the Cercon® heat have been designed specifically for our Cercon® base, meeting the quality requirements of excellence sintering results to the fullest. The basic zirconia materials we use are particularly fine-grained and therefore particularly “sinter-friendly”. This means that we can work with lower sintering temperatures and an optimized temperature curve to sinter the frameworks to its designated size and ideal final stability.



REF 53 5558 0003

1 ea.



See also: Product information – DeguDent CAD/CAM brochure

Technical specifications

Dimensions (W x H x D)	540 x 745 x 610 mm
Weight	Approx. 75 kg
Power rating	220 – 240 V~, 50/60 Hz
Maximum power consumption	Approx. 3.2 kW
Maximum temperature	1.600 °C

Cercon® heat

The Cercon® heat is the junior version of Cercon® heat plus. It has been tried and tested and proven immensely reliable since 2001. There can be no better proof of this than the high-quality of the frameworks of up to 5,7 million dental units. Cercon® heat is suitable for Cercon® base frameworks of up to 47 mm in anatomic length. It is capable of sintering approximately 30 dental units in a single cycle. The maximum temperature of this furnace is 1,350°C, and the sintering cycle takes about six hours.



REF 53 5558 0001

1 ea.

Technical specifications

Dimensions (W x H x D)	500 x 520 x 620 mm
Weight	Approx. 80 kg
Power rating	200 – 240 V~, 50/60 Hz
Maximum power consumption	ca. 1.600 W Nennstrom 6,9 A
Rated current	6,9 A
Maximum temperature	1.350 °C

Cercon® heat plus/Cercon® heat accessories

Cercon® heat plus sintering trays with hollow spheres	1 Set	REF 53 5558 0150
Cercon® hollow spheres, individual, for set	1 Pack of 1 ea.	REF 53 5557 0153
Cercon® heat sintering trays with hollow spheres	1 Set	REF 53 5557 0150
Cercon® heat plus sandblasting aid	1 ea.	REF 53 5558 0152
Cercon® heat plus sintering block	1 ea.	REF 53 5558 0151

CAD/CAM – Cercon® base framework ceramics

Validated safety*

Cercon® is as safe as metal-ceramics

A prospective clinical study delivered the only clinical proof that the results for Cercon® zirconia bridges were comparable to those of metal-ceramic bridges, the gold standard (Sailer et al. 2009). 40-month survival rates were 100%.

Cercon® offers the broadest range of scientifically validated indications

Clinical studies on cantilever bridges (Wolfart et al. 2009) and white-span Cercon® bridges (Schmitter et al. 2009) have demonstrated high levels of safety for Cercon® in different indications.

Cercon® is the only zirconia with a scientifically supported veneering ceramic concept

Cercon® is the only zirconia material for which the systemic safety of ceramic veneers has been scientifically studied. Extant studies include in vitro and clinical research, but also naturalistic observations. Long-term cooling has been clinically proven for more than a year (Rinke, IADR 2010).

* Source: Cercon® smart ceramics, Scientific compendium Vol. IV

Cercon® base

Cercon® base blanks are cylindrical in shape. They are processed in the Cercon® brain unit. They can be used for copings and frameworks of 12, 30, 38 and 47 mm in anatomic length. Cercon® base 47 has been designed especially for anterior bridge designs, including white-arch designs, and narrow posterior curvatures. This blank may also well be your first choice when it comes to implant-supported superstructures.

Cercon® base 12	Pack of 1 ea.	REF 53 6601 0001
Cercon® base 12	Pack of 5 ea.	REF 53 6601 0005
Cercon® base 30	Pack of 1 ea.	REF 53 6603 0001
Cercon® base 30	Pack of 5 ea.	REF 53 6603 0005
Cercon® base 38	Pack of 1 ea.	REF 53 6604 0001
Cercon® base 38	Pack of 5 ea.	REF 53 6604 0005
Cercon® base 47	Pack of 1 ea.	REF 53 6606 0001
Cercon® base 47	Pack of 3 ea.	REF 53 6606 0003
Cercon® base 47 light	Pack of 1 ea.	REF 53 6606 0111
Cercon® base 47 light	Pack of 3 ea.	REF 53 6606 0113
Cercon® base 47 medium	Pack of 1 ea.	REF 53 6606 0121
Cercon® base 47 medium	Pack of 3 ea.	REF 53 6606 0123
Cercon® base 12 colored	Pack of 1 ea.	REF 53 6601 0011
Cercon® base 12 colored	Pack of 5 ea.	REF 53 6601 0015
Cercon® base 30 colored	Pack of 1 ea.	REF 53 6603 0011
Cercon® base 30 colored	Pack of 5 ea.	REF 53 6603 0015
Cercon® base 38 colored	Pack of 1 ea.	REF 53 6604 0011
Cercon® base 38 colored	Pack of 5 ea.	REF 53 6604 0015
Cercon® base 47 colored	Pack of 1 ea.	REF 53 6606 0011
Cercon® base 47 colored	Pack of 3 ea.	REF 53 6606 0013



See also: Product information – DeguDent CAD/CAM brochure

Cercon® base disk

CAD/CAM always also implies economical production methods. Your choice of four different disk heights for Cercon® brain expert subtly underscores this. It allows you to select the ideal blank for the framework on hand, reducing cost and optimizing production times. Adapt your choice of blanks to the nature of your objects! Thanks to the nesting feature of Cercon® art, you can utilize your blanks to the max.

Cercon® base disk 15	Pack of 1 ea.	REF 53 6608 0015
Cercon® base disk 20	Pack of 1 ea.	REF 53 6608 0020
Cercon® base disk 25	Pack of 1 ea.	REF 53 6608 0025
Cercon® base disk 30	Pack of 1 ea.	REF 53 6608 0030
Cercon® base disk light 15	Pack of 1 ea.	REF 53 6608 0215
Cercon® base disk light 20	Pack of 1 ea.	REF 53 6608 0220
Cercon® base disk light 25	Pack of 1 ea.	REF 53 6608 0225
Cercon® base disk light 30	Pack of 1 ea.	REF 53 6608 0230
Cercon® base disk medium 15	Pack of 1 ea.	REF 53 6608 0315
Cercon® base disk medium 20	Pack of 1 ea.	REF 53 6608 0320
Cercon® base disk medium 25	Pack of 1 ea.	REF 53 6608 0325
Cercon® base disk medium 30	Pack of 1 ea.	REF 53 6608 0330
Cercon® base disk colored 15	Pack of 1 ea.	REF 53 6608 0115
Cercon® base disk colored 20	Pack of 1 ea.	REF 53 6608 0120
Cercon® base disk colored 25	Pack of 1 ea.	REF 53 6608 0125
Cercon® base disk colored 30	Pack of 1 ea.	REF 53 6608 0130



CAD/CAM – Cercon® materials

Cercon® base cast, Cercon® wax and Cercon® base PMMA

Cercon® has been an established name for many years. It stands for our range of resin blanks for use in long-term provisionals and for the casting technique as well as for wax blanks for casting or ceramic overpressing.

Polyurethane for Cercon® brain (for the casting technique)		
Cercon® base cast	Pack of 5 ea.	REF 53 6607 0005
Polyurethane for Cercon® brain expert (for the casting technique)		
Cercon® base cast disk 20	Pack of 1 ea.	REF 53 6613 0020
Cercon® base cast disk 25	Pack of 1 ea.	REF 53 6613 0025
Polymethyl metacrylate for Cercon® brain expert (for long-term provisionals)		
Cercon® base PMMA disk 20-A3	Pack of 1 ea.	REF 53 6612 1320
Cercon® base PMMA disk 25-A3	Pack of 1 ea.	REF 53 6612 1325
Cercon® base PMMA disk 20-B1	Pack of 1 ea.	REF 53 6612 2120
Cercon® base PMMA disk 25-B1	Pack of 1 ea.	REF 53 6612 2125
Cercon® base PMMA disk 20-B2	Pack of 1 ea.	REF 53 6612 2220
Cercon® base PMMA disk 25-B2	Pack of 1 ea.	REF 53 6612 2225
Cercon® base PMMA disk 20-BL2	Pack of 1 ea.	REF 53 6612 4220
Cercon® base PMMA disk 25 BL2	Pack of 1 ea.	REF 53 6612 4225
Wax for Cercon® brain expert (for the casting technique)		
Cercon® wax disk 20	1 ea.	REF 53 6610 0020
Cercon® wax disk 25	1 ea.	REF 53 6610 0025

“Major” rehabilitations, especially those that are implant-supported, require extensive preparation and almost by necessity imply the use of long-term provisionals. These, too, can be easily produced by your DeguDent CAD/CAM system, either locally using Cercon® brain expert or via our Compartis® network production centres. Cercon® base PMMA is available in two disk heights and three colours.

You can even use the Cercon® art software for designing frameworks for casting. If you wish to produce them with Cercon® brain expert, disk-shaped blanks are available in two different heights. A special size 47 blank is available for Cercon® brain.

For this type of framework you have a choice between two materials: Cercon® cast, a casting resin, or Cercon® wax for Cercon® brain expert only a resin-stabilized milling wax. Neither of these two materials leaves any residue and firing. The benefit of the wax compared to the resin is that the crucible can be speed-heated.



See also: Product information – DeguDent CAD/CAM brochure

Cercon® peripherals

Cercon® mill

Oil-free high-speed handpiece, water-cool, complete with control unit and foot switch

Cercon® mill accessories

Cercon® mill turbine adapter	1 ea.	REF 53 5560 0100
Cercon® mill handpiece, single	1 ea.	REF 53 5570 0300
Cercon® mill Turbinenschlauch	1 ea.	REF 53 5570 0400
Cercon® mill rotor	1 ea.	REF 53 5570 0320
Cercon® mill collet chuck	1 ea.	REF 53 5570 0330
Cercon® mill collet chuck key	1 ea.	REF 53 5570 0800

REF 53 5570 0001 1 ea.



Custom Abutments by Compartis®

Are you looking to produce implant abutments that meet the following requirements?

- Optimized position within the arch
- Optimized adaptation to the curvature of the jaw

- Optimized vestibular and oral alignment
- Sufficient vertical and horizontal space for the mesostructure

- A mesostructure that can be designed with an eruption profile corresponding to that of a prepared tooth
- Support for the peri-implant soft tissues

If so, the Cercon® art Custom Abutments software in connection with the Cercon® eye scanner will be the ideal design tool for you.

The intuitive Cercon® art user interface accommodates the needs of the dental technician in this field with bravado, helping design ideas to be turned into reality quickly. Cercon® art guides the user through the individual design steps in a well thought-out manner. The integrated software tools protect the creative freedom of the technician, whether in additive abutment design or an abutment positioning.

Custom Abutments by Compartis® – a useful adjunct to pre-fabricated implant abutments

Custom design – Custom production

In the world of DeguDent CAD/CAM, patient-specific implant abutments can be produced in two different ways: by locally producing two-piece implant abutments using Cercon® brain expert or by enlisting the services of DeguDent's Compartis® network production centres for one-piece and two-piece implant abutments.

The Compartis® ordering hotline for one-piece implant abutments is available 24 hours a day. Due to the necessary level of precision of the implant interface geometry, we would like to produce these structures on our high-precision custom-controlled process equipment. You can send us your construction data at the click of a mouse. In five days or less, the finished one-piece implant abutment will be in your hands for further processing.

Custom implant abutments – Clinical benefits

- Excellently suited for any clinical case:
 - Adaptation to individual sulcus shapes
 - Good implant/prosthetic integration

- Optimized emergence profile for:
 - Ideal gingival management
 - Support for the patient's oral hygiene efforts
 - Pleasant natural red/white aesthetics

CAD/CAM – Implant prosthetics

Cercon® art Custom Abutments – offerings, indications, materials

The Cercon® art Custom Abutments software is ideal for designing your custom implant abutments. The software is based on the most current version of Cercon® art and can be activated for the implant system of your choice for a small fee. The fee is a one-time fee per customer or per original version and includes the one- and two-piece custom abutment variants (subject to availability). No additional annual licence fees are required for the Software Cercon® art Custom Abutments software.

One-piece custom abutments

Made of zirconia or titanium; indications as listed:

One-piece custom abutments	Type/Size	Anterior indication		Posterior indication	
		ZrO ₂	Ti	ZrO ₂	Ti
ANKYLOS®	C/	X	X	-	X
	/X	-	X	-	X
XiVE®	3,8 mm	X	X	-	X
	4,5 mm	X	X	-	X
	5,5 mm	-	X	-	X

Production by one of DeguDent's Compartis® network production centres

- A perfect fit between the implant and the custom abutment – the connector interface geometry and connector tolerances exactly match the original
- Unique ANKYLOS C/X custom abutment offering using a laser-integrated screw, following the original process precisely

Two-piece custom abutments

Made of zirconia; indications for the anterior or posterior region; suitable for the titanium bases listed:

Titanium bases (original) for two-piece custom abutments	Friadent
ANKYLOS®	C/, straight
	C/, straight high
	/X, straight
	/X, straight high
XiVE®	3.8 mm, straight
	4.5 mm, straight
	5.5 mm, straight
Titanium bases (original) for two-piece custom abutments	Camlog
Camlog CAD/CAM	3.3 (K2244.3348)
	3.8 (K2244.3848)
	4.3 (K2244.4348)
	5.0 (K2244.5048)
	6.0 (K2244.6048)
Titanium bases for two -piece custom abutments	Medentika
Nobel Replace select	E series
	3.5 (E800)
	4.3 (E810)
	5.0 (E820)
	6.0 (E830)
Nobel Active	F series
	NP (F 800) RP (F 810)

Titanium bases for two -piece custom abutments	Medentika
Biomet 3i, Certain Osseotite®	H series
	3.4 (H800)
	4.1 (H810)
	5 (H820)
Biomet 3i, Osseotite® Außenhex	I series
	3.4 (I 800)
	4.1 (I 810)
	5.0 (I 820)
Nobel Biocare Branemark®	K series
	3.5 (K800)
	4.1 (K810)
	5.1 (K820)
Straumann® Bone Level	L series
	NC (L800)
	NC (L801)
	RC (L810)
	RC (L811)
Straumann® SynOcta®	N series
	NN 3.5 (N 800)
	RN 4.8 (N 810)
	WN 6.5 (N 820)
Zimmer Tapered Screw-Vent®	R series
	3.5 (R 800)
	4.5 (R 810)
	5.7 (R 820)
Astra OsseoSpeed®	S series
	3.5/4.0 (S800)
	4.5/5.0 (S820)

® marked products are trademarks of corresponding manufacturer.

Production with Cercon® brain expert by one of DeguDent's Compartis® network production centres

Titanbasen

- Foundation for anterior or posterior zirconia mesostructures
 - Natural light dynamics of the definitive restoration even in regions exposed to high masticatory forces
- Connector interface geometry for
 - Ideal fit on the implant
 - Low transmission from the implant from its abutment
- Easy on the zirconia thanks to a tension-free connection of the primary structure via a titanium screw

DeguDent expertise – Safety to the power of 3

For one-piece implant abutments, we use our original zirconia materials, Cercon® base and Cercon® base colored, which have been successfully employed for well over 5 million crown and bridge restorations since 2001, making them the zirconia materials for which there is the broadest clinical evidence.

In addition, we use the same titanium and titanium alloys we have been using for the implants and prefabricated implant abutments fabricated by DeguDent for many years.

Please refer to the manufacturers of the titanium bases for the two-piece implant abutments for more information about the properties of the materials used.

CAD/CAM – Implant prosthetics

Implant superstructures by Compartis® (ISUS)

Would you like to provide directly implant-supported or abutment-supported superstructures

- flexibly for many different implant systems
- with no limitations regarding the number of implant inserted
- while being able to integrate connector elements?

And would you like to

- quit having to design your own frameworks
- and skip the internal adjustments of fit?

- And to use one-piece biocompatible materials
- that are highly homogeneous
- and free of solidarity and additions?

Then **ISUS by Compartis®** should be the system of your choice.

ISUS by Compartis® – Indications

- Bars
- Bridge framework for ceramic veneering
- Bridge framework for veneering with denture teeth (hybrid structure)

Indication notes

- Suitable for 2 to 10 implants per jaw
- Can be screwed directly onto implants
- Can be screwed directly onto abutments

- Minimum inter-implant distance: 2 mm
- Minimum intermaxillary distance: 7 mm

Choose your indication – Bar or bridge

ISUS by Compartis® follows your medical indication. Whether you opt for removable restorations with a bar design as a retentive element (can be bar joints, bar attachments or bar attachments with distal extensions) or for a fixed bridge design, **ISUS by Compartis®** includes the full range of advantages that high-precision manufacturing can offer: the objects you receive will be homogeneous, fit passively and precisely and have an impressively smooth surface. The materials – proven in many years of clinical use – are cobalt chromium alloy or titanium grade 2 or 5. Beyond their technical benefits, they offer you a maximum of safety in terms of biocompatibility.

Scan, design and production – Achieving our goals together

When developing your high-quality imprint-supported restorations, **ISUS by Compartis®** lets you concentrate on preparing the cast and on finalizing the reconstruction. We take care of scanning and make a design proposal – which is submitted to you for fine tuning – and then we produce the actual framework.

ISUS by Compartis® – Compatible implants

<p>3I Standard Abutment 3I Conical Abutment 3I TG Hex Abutment 3I IOL Abutment 3I D3.4 Internal Connection 3I D3.4 External Connection 3I D4.1 Internal Connection 3I D4.1 External Connection (use NOBEL BIOCARE Brån.Sys. RP scanflag) 3I D5 Internal Connection 3I D5 External Connection 3I D6 Internal Connection 3I D6 External Connection Trademark(s) of BIOMET 3i, Schweiz</p>	<p>BIOTECH Bis D3/D3.4/D3.6/D3.9/D4.4 Abutment Level Trademark(s) of COUSIN BIOTECH, Frankreich</p>
<p>ANKYLOS Balance Base Abutment Level D4.2 ANKYLOS Balance Base Abutment Level D5.5 Trademark(s) of Friadent GmbH, Deutschland</p>	<p>BT Lock D4.5 Trademark(s) of BTLock S.r.l., Italien</p>
<p>ALPHATECH D3.4 ALPHATECH D3.8 ALPHATECH D4.3 ALPHATECH D5 ALPHATECH D6 ALPHATECH D7 ALPHATECH Abutment Level Trademark(s) of Henry Schein GmbH, Deutschland</p>	<p>BTI Tiny D3.5 BTI Interna Universal D4.1 BTI Interna Wide D5.5 Trademark(s) of bredent medical GmbH & Co. KG, Deutschland</p>
<p>ALPHA BIO Internal Hex ALPHA BIO TSA ABUTMENT Trademark(s) of Alpha Bio GmbH, Deutschland</p>	<p>BREDESKY D4,1 BREDESKY Fast&Fixed Abutment Level Trademark(s) of bredent medical GmbH & Co. KG, Deutschland</p>
<p>ASTRA 20° UniAbutment ASTRA 45° UniAbutment ASTRA D3.0 ASTRA D3.5/D4 Aqua ASTRA D4.5/D5 Lilac Trademark(s) of Astra Tech, USA</p>	<p>CAMLOG D3.3 Implant Level CAMLOG D3.8 Implant Level CAMLOG D4.3 Abutment Level CAMLOG D4.3 Implant Level CAMLOG D5 Implant Level CAMLOG D6 Abutment Level CAMLOG D6 Implant Level Trademark(s) of CAMLOG AG, Schweiz</p>
<p>BEGO Semados S/RI D3.25/D3.75 BEGO Semados S/RI D4.1 BEGO Semados S/RI D4.5 BEGO Semados S/RI D5.5 BEGO Semados Mini Trademark(s) of Bego Implant Systems GmbH & Co.KG, Deutschland</p>	<p>DENTAURUM TIOLOGIC S Implant Level DENTAURUM TIOLOGIC M Implant Level DENTAURUM TIOLOGIC L Implant Level DENTAURUM TIOLOGIC Abutment Level DENTAURUM TIOLOX D3.5 Implant Level DENTAURUM TIOLOX D4.5 Implant Level Trademark(s) of Dentaaurum GmbH & Co. KG, Deutschland</p>
<p>BIOCOMP D4 Implant Level BIOCOMP D5.2 Implant Level BIOCOMP D4/D5.2 Abutment Level Trademark(s) of BioComp Industries bv, Holland</p>	<p>DENTTEGRIS D3.3 Implant Level DENTTEGRIS D3.75 Implant Level DENTTEGRIS D4.5/D4.75 Implant Level DENTTEGRIS D5.5 Implant Level Trademark(s) of Dentegris Deutschland GmbH</p>
<p>BIOHORIZONS Internal D3.5 BIOHORIZONS Internal D4.5 BIOHORIZONS Internal D5.7 BIOHORIZONS D4.5 Angled Abutment for screw BIOHORIZONS Internal D3.5/D4.5/D5.7 abutment for screw BIOHORIZONS Single Stage D3.5 BIOHORIZONS Single Stage D4.5 BIOHORIZONS Single Stage D5.7 BIOHORIZONS External D3.5 BIOHORIZONS External D4 BIOHORIZONS External D5 BIOHORIZONS External D6 BIOHORIZONS External D3.5/D4 abutment for screw BIOHORIZONS External D5 abutment for screw Trademark(s) of BIOHORIZONS, USA</p>	<p>IMZ TwinPlus D3.3/D4 Abutment Level FRIADENT XIVE S D3 FRIADENT XIVE S D3.4 FRIADENT XIVE S D3.8 FRIADENT XIVE S D4.5 FRIADENT XIVE S D5.5 FRIADENT XIVE MP/TG 3.8 FRIADENT XIVE MP/TG 4.5 FRIADENT XIVE MP/TG 5.5 Trademark(s) of Friadent GmbH, Deutschland</p>
	<p>IMPLANT DIRECT S-plant D3.7 IMPLANT DIRECT S-plant D4.7 IMPLANT DIRECT S-plant D5.7 IMPLANT DIRECT S-InDirect D5.0 IMPLANT DIRECT Overdenture Screw-Retained Abutment (use IMPLANT DIRECT S-InDirect D5.0 scanflag) Trademark(s) of Zimmer Dental, USA</p>
	<p>IMTEC Implant-Level D3.5/D4.3 IMTEC Implant-Level D5.1 Trademark(s) of IMTEC, a 3M Company, Deutschland</p>
	<p>KEYSTONE (LIFECORE) PRIMACONNEX SD KEYSTONE (LIFECORE) PRIMACONNEX RD KEYSTONE (LIFECORE) PRIMACONNEX WD KEYSTONE (LIFECORE) Stage1 RDS Abutment Level (use STRAUMANN RN Abutment Level scanflag) KEYSTONE (LIFECORE) RESTORE SD KEYSTONE (LIFECORE) RESTORE RD (use NOBEL BIOCARE Brånemark System RP scanflag) KEYSTONE (LIFECORE) DETACHABLE ABUTMENT Trademark(s) of Keystone Dental Inc., USA</p>

CAD/CAM – Implant prosthetics

ISUS by Compartis® – Compatible implants

MEDENTIS ICX Templant Trademark(s) of medentis medical, Deutschland	SCHUETZ DENTAL IMPLA D3.3 SCHUETZ DENTAL IMPLA D4.2 SCHUETZ DENTAL IMPLA D5.3 Trademark(s) of Schütz Dental GmbH, Deutschland
MEDICAL INSTINCT BoneTrust D3.4 Implant Level MEDICAL INSTINCT BoneTrust D4 Implant Level MEDICAL INSTINCT BoneTrust D5 Implant Level MEDICAL INSTINCT D3.4/D4 Direct Abutment Trademark(s) of medical instinct Deutschland GmbH	SIC D3.3 SIC D4.2 SIC D5.3 Trademark(s) of SIC Invent AG, Schweiz
MEGAGEN Exfeel Internal Implant Level (use STRAUMANN RN Implant Level scanflag) MEGAGEN Exfeel Internal Abutment Level (use STRAUMANN RN Abutment Level scanflag) MEGAGEN Rescue Internal Implant Level MEGAGEN EZ Plus Internal Implant Level Trademark(s) of MegaGen Implant Co. Ltd., Korea	SERF EVL Plus 3.3 SERF EVL Plus 4 SERF EVL Plus 5 Trademark(s) of Dedienne Santé-Serf, Frankreich
MIS DIRECT STANDARD MIS DIRECT WIDE MIS MULTIUNIT Trademark(s) of M.I.S. Implant Technologies, Deutschland	STRAUMANN Monotype 8° Conus STRAUMANN NN Implant Level STRAUMANN RN Abutment Level STRAUMANN RN Implant Level STRAUMANN WN Abutment Level STRAUMANN WN Implant Level STRAUMANN Bone Level NC STRAUMANN Bone Level RC STRAUMANN Bone Level Multi-Base Abutment D3.5 STRAUMANN Bone Level Multi-Base Abutment D4.5 STRAUMANN Bone Level Multi-Base Angled Abutment Trademark(s) of Straumann AG, Schweiz
NOBEL BIOCARE Active Internal NP NOBEL BIOCARE Active Internal RP NOBEL BIOCARE Standard Abutment NOBEL BIOCARE Estheticone Abutment NOBEL BIOCARE Brånemark System NP NOBEL BIOCARE Brånemark System RP NOBEL BIOCARE Brånemark System WP NOBEL BIOCARE Multi-Unit Abutment RP NOBEL BIOCARE Multi-Unit Abutment WP NOBEL BIOCARE Replace Select NP NOBEL BIOCARE Replace Select RP NOBEL BIOCARE Replace Select WP NOBEL BIOCARE Replace Select 6.0 NOBEL BIOCARE Steri-Oss PME Abutment Trademark(s) of Nobel Biocare, Schweden	TEKKA Progress Implant Level D4.5 TEKKA Progress D5 Implant Level TEKKA Progress D6 Implant Level TEKKA Krestal D3.6 Implant Level TEKKA Monobloc D3.4 TEKKA Monobloc D4 TEKKA Monobloc D4.5 TEKKA Monobloc D5 TEKKA Quattro Trademark(s) of Tekka, Frankreich
NEOSS D4.1 Implant Level NEOSS D4.1 Access Abutment Trademark(s) of Neoss Ltd., England	THOMMEN MEDICAL SPI D3.5 Implant Niveau THOMMEN MEDICAL SPI D4 Implant Niveau THOMMEN MEDICAL SPI D4.5 Implant Niveau THOMMEN MEDICAL SPI D5 Implant Niveau THOMMEN MEDICAL SPI D6 Implant Niveau THOMMEN MEDICAL SPI Abutment Niveau Trademark(s) of Thommen Medical AG, Schweiz
OSSEOLINK D3,5/D4/D5 Implant Level OSSTEM GS Mini OSSTEM GS Standard OSSTEM GS Convertible Mini Abutment D4.0 OSSTEM GS Convertible Standard Abutment D4.8 OSSTEM GS Convertible Wide Abutment D6.0 OSSTEM US Mini Trademark(s) of OSSTEM Implant, Korea	ZIMMER Screw Vent D3.5 ZIMMER Screw Vent D4.5 ZIMMER Screw Vent D5.7 ZIMMER Advent D4.5 ZIMMER Tapered Abutment ZIMMER Spectra Cone Abutment ZIMMER Screw Vent TSI Abutment ZIMMER SwissPlus (use STRAUMANN RN scanflag) ZIMMER Spline D3.25 ZIMMER Spline D3.75/D4 ZIMMER Spline D5 ZIMMER Spline Shouldered Abutment Trademark(s) of Zimmer Dental, USA
PITT-EASY D3.25 PITT-EASY D3.75 PITT-EASY D4 PITT-EASY D4.9 PITT-EASY D6.5 Trademark(s) of Sybron Implant Solutions, Deutschland	
PLATON PF D4.4 Implant Level PLATON PF D4.8 Implant Level PLATON Pro PF D4.1 Implant Level PLATON Pro PF D5.0 Implant Level Trademark(s) of PLATON JAPAN Co., Ltd.	
POI EX D3.7 Implant Level POI EX D4.2 Implant Level POI EX D4.7 Implant Level POI EX D5.2 Implant Level Trademark(s) of JMM Japan Medical Materials	

ISUS by Compartis® – Materials

Composition (total: 100 percent)	Cobalt-chromium alloy		Titan (Grade 2)*	
		Cobalt	54.1 %	Titanium
	Chromium	20.0 %	Nitrogen	0.01 %
	Tungsten	16.4 %	Carbon	0.02 %
	Niobium	0.2 %	Hydrogen	0.004 %
	Iron	7.5 %	Iron	0.03 %
	Silicon	1.5 %	Oxygen	Max. 0.31 %
	Manganese	0.3 %		
Alloy type		IV, extra hard		IV, extra hard
CTE (25-500 °C)		14.6 10-6K-1		9.6 10-6K-1
CTE (25-600 °C)		14.9 10-6K-1		
Melting interval/range		1.390-1.410 °C		1.670 °C
Density		9.1 g/cm ³		4.5 g/cm ³
Elongation at fracture		12 %		23-27 %
Elastic module		200 GPa		110 GPa

* For reasons of stability, we use Grade 5 titanium for more delicate designs.

Production steps

Dental office	Laboratory
Impressions	
	Fabrication of the cast (wax-up/mock-up)
You check the wax-up/mock-up using the transfer index	
	<p>We collect your models and data.</p> <p style="text-align: center;">Phone: 0 180 /23 24 555</p> <p>Please include:</p> <ul style="list-style-type: none"> • Working cast and laboratory analogues • Wax-up/mock-up • Gingival mask • Order description (order form)
ISUS planning centre:	
The object is designed to your exact specifications using special design software.	
	<p>You receive a virtual 3D representation of the design for inspection and approval. We will be happy to discuss any additions or modifications with you. The results of these additions or modifications are again submitted to you for inspection and approval.</p>
ISUS production centre:	
The object is produced according to the design approved by you.	
	<p>You finalize the individual bar-supported denture or bridge.</p>
The custom ISUS by Compartis® restoration is delivered to a satisfied patient.	

Compartis® network production offerings

Crowns, bridges, abutments, bar connectors – these are indications for which we will be happy to provide you with Compartis® components fabricated with industrial precision.

The following materials are available:

„by Compartis“	Presentation
ZrO ₂ (white), ZrO ₂ light, ZrO ₂ medium and ZrO ₂ colored	Single crowns to 16-unit bridges
Precious-metal dental alloys	Single crowns to 6-unit bridges
CoCr	Single crowns to 16-unit bridges
Ti	Single crowns to 6-unit bridges
PMMA	Single crowns to 16-unit bridges

Using our Cercon® eye or the 3Shape Scanner, casts are quickly scanned and the frameworks are equally quickly designed thanks to the dedicated design software. From a dental ceramist's point of view, the beauty of these systems is that our Compartis® network production is no more than a click of the mouse away and will send you your framework for final processing within 72 hours from the receipt of your data.

ZrO₂ by Compartis®/ Ti by Compartis®

For frameworks made of zirconia and titanium, we use industrial-quality milling machines, ensuring that all materials are properly processed and that the resulting precision of fit is excellent, object by object – good for you and good for us. Object by object. For ZrO₂ by Compartis® we use a material identical to that in Cercon® brain/Cercon® brain expert. Here, too, you will receive a safe material proven in 5.7 million dental units worldwide. For titanium, we decided to use a Grade 4 quality (as required by current dental standards), which guarantees excellent strength even in delicate frameworks.

Precious metal dental alloys by Compartis®

We will perform the casting for your precious-metal dental alloy order using industrial-precision investment casting.

CoCr by Compartis®

For frameworks made of cobalt-chromium, we use a controlled industrial process called “selective laser melting”, or SLM for short. This process ensures frameworks that are nearly completely free of porosities and exceptionally dense. The fine-grained CoCr alloy powder used is instrumental for an excellent fit. The oxide firing is also performed by Compartis®, ensuring that the frameworks seat passively while at the same time saving you an additional working step. The SLM process creates a unique microstructure that results in a level of corrosion resistance comparable to that of highly corrosion-resistant precious dental alloys.

FlatCard offer

„by Compartis“	FlatCard 60 Valid 6 months	FlatCard 100 Valid 6 months	FlatCard 250 Valid 6 months	FlatCard 500 Valid 12 months
ZrO ₂ (white), ZrO ₂ light, ZrO ₂ medium and ZrO ₂ colored	REF 53 2000 0106	REF 53 2000 0110	REF 53 2000 0125	REF 53 2000 0150
CoCr		REF 53 2000 0310		REF 53 2000 0350
Ti		REF 53 2000 0410	REF 53 2000 0425	REF 53 2000 0450

PRESSABLE CERAMICS



press&smile

In today's laboratory, the overpressing technique has become firmly established as an alternative to the ceramic build-up technique. There are two groups of pressable ceramics systems: the stand-alone pressable ceramics, where restorations are fabricated entirely from the pressable ceramic material, and the so-called press-to ceramics, where a basic framework is overpressed. Both these groups allow you to choose between the staining technique and the build-up technique for finalizing your restoration.

Cergo Kiss is DeguDent's stand-alone pressable ceramic material. Cergo Kiss can be used for highly aesthetic single-tooth restorations such as inlays, onlays, veneers and crowns.

Cercon® ceram press



Content:

- 6x press&smile W; U; R; Y; HV; LV
- 3x 4 g Body Stain 3, 5, 8
- 2x 4 g Stain Strato, Caramel
- 1x 15 ml Ducera Liquid Stain improved
- 1x Glaze

Refills		
		4 g
Stain	Strato	REF 53 6716 1521
Stain	Caramel	REF 53 6716 1641
Body Stain	3	REF 53 6716 1831
Body Stain	5	REF 53 6716 1851
Body Stain	8	REF 53 6716 1881
		15 ml
Ducera Liquid	Stain improved	REF 53 6827 4613
		5x 2,2 g
Cercon® ceram press PS - W		REF 53 6552 1002
Cercon® ceram press PS - U		REF 53 6552 1012
Cercon® ceram press PS - R		REF 53 6552 1022
Cercon® ceram press PS - Y		REF 53 6552 1032
Cercon® ceram press PS - HV		REF 53 6552 1042
Cercon® ceram press PS - LV		REF 53 6552 1052

REF 53 6552 1000

Refills

	5x 2,2 g
Cercon® ceram press PS - W	REF 53 6552 1002
Cercon® ceram press PS - U	REF 53 6552 1012
Cercon® ceram press PS - R	REF 53 6552 1022
Cercon® ceram press PS - Y	REF 53 6552 1032
Cercon® ceram press PS - HV	REF 53 6552 1042
Cercon® ceram press PS - LV	REF 53 6552 1052
Cercon® ceram press PS - A1	REF 53 6552 1102
Cercon® ceram press PS - A2	REF 53 6552 1112
Cercon® ceram press PS - A3	REF 53 6552 1122
Cercon® ceram press PS - A3,5	REF 53 6552 1132
Cercon® ceram press PS - A4	REF 53 6552 1142
Cercon® ceram press PS - B1	REF 53 6552 1152
Cercon® ceram press PS - B2	REF 53 6552 1162
Cercon® ceram press PS - B3	REF 53 6552 1172
Cercon® ceram press PS - B4	REF 53 6552 1182
Cercon® ceram press PS - C1	REF 53 6552 1192
Cercon® ceram press PS - C2	REF 53 6552 1202
Cercon® ceram press PS - C3	REF 53 6552 1212
Cercon® ceram press PS - C4	REF 53 6552 1222
Cercon® ceram press PS - D2	REF 53 6552 1232
Cercon® ceram press PS - D3	REF 53 6552 1242
Cercon® ceram press PS - D4	REF 53 6552 1252

System components Cercon® ceram press

Cercon® PressMaster Starter-Kit



Content:

- 1x PressMaster Fixpaste
- 1x Muffle Set 4 pieces
- 1x 10 Vacuum form caps
- 1x 10 Investment Plunger

Cercon® PressMaster Muffle Set (4 pieces)	REF 53 6590 1104
Cercon® PressMaster Fixpaste	REF 53 6590 0004
Cercon® PressMaster Rubber Sleeve	REF 53 6590 1004
Cercon® PressMaster Vacuum Form Caps	REF 53 6590 1304
Cercon® PressMaster Investment Plunger	REF 53 6590 2004

REF 53 6590 9004

Ducera® press

Ducera® press



Content:

- 4x Ingots W, U, R, Y
- 2x 3 ml Paste Opaque HV, LV
- 2x 4 g Add-On Porcelain Incisal, Cervical
- 3x 4 g Body Stain 3, 5, 7
- 2x 4 g Stain Strato, Caramel
- 1x 4 g LFC-Glaze
- 1x 15 ml LFC Stain Liquid

Refills		
4 g		
LFC Stain	Strato	REF 53 6026 1051
LFC Stain	Caramel	REF 53 6026 1161
Body Stain	3	REF 53 6026 1321
Body Stain	5	REF 53 6026 1341
Body Stain	7	REF 53 6026 1361
Add-On Porcelain Incisal		REF 53 6563 7000
Add-On Porcelain Cervical		REF 53 6563 7010
5x 2,2 g		
Ducera® press - W		REF 53 6562 1002
Ducera® press - U		REF 53 6562 1012
Ducera® press - R		REF 53 6562 1022
Ducera® press - Y		REF 53 6562 1032
3 ml		
Paste Opaque - HV		REF 53 6560 3610
Paste Opaque - LV		REF 53 6560 3620
15 ml		
Ducera Liquid	Stain improved	REF 53 6827 4613

REF 53 6562 1000

Full-Ceramic-System Cergo® Kiss

Cergo® Kiss Assortment



Content:

- 4x 7 Pellets Lucent L0, LR, L1, L2
- 2x 7 Pellets Incisal I3, I2
- 1x 7 Pellets Paint P1
- 1x 7 Pellets Crystal CO
- 1x 20 g Duceragold Kiss Stand by
- 2x 20 g Duceragold Kiss Opal Incisal OS1, OS2
- 3x 20 g Duceragold Kiss Opal Effect Sunrise, Sunset, Sky
- 4x 4 g Body Stain 1, 2, 4, 5
- 2x 4 g Incisal Stain 1, 2
- 1x 12 g Glaze
- 1x 4 ml Lay Die Adhesive
- 1x 15 ml Carving Liquid SD
- 1x 15 ml Ducera Liquid Stain improved
- 1x 10 ml Die Spacer Sienna
- 1x Cergo Firing Tray Kit
- 1x Shade Indicator Cergo Kiss Aesthetic

Refills		
1 Set		
Cergo Firing Tray Kit		REF 53 6590 1210
4 g		
Body Stain	1	REF 53 6026 1301
Body Stain	2	REF 53 6026 1311
Body Stain	4	REF 53 6026 1331
Body Stain	5	REF 53 6026 1341
LFC-Incisal-Stain	1	REF 53 6026 1501
LFC-Incisal-Stain	2	REF 53 6026 1511
12 g		
Glaze		REF 53 6026 3002
20 g		
Stand by		REF 53 6032 3023
Opal Incisal	OS 1	REF 53 6032 7503
Opal Incisal	OS 2	REF 53 6032 7513
Opal Effect	OE Sunrise	REF 53 6032 7003
Opal Effect	OE Sunset	REF 53 6032 7023
Opal Effect	OE Sky	REF 53 6032 7033
4 ml		
Lay Die Adhesive		REF 53 6827 4501
10 ml		
Die Spacer	Sienna	REF 53 6510 0001
15 ml		
Carving Liquid	SD	REF 53 6827 2053
Ducera Liquid	Stain improved	REF 53 6827 4613
7x 2 g		
Pellet Lucent	LO	REF 53 6513 0317
Pellet Lucent	LR	REF 53 6513 0037
Pellet Lucent	L1	REF 53 6512 0007
Pellet Lucent	L2	REF 53 6512 0017
Pellet Incisal	I3	REF 53 6512 0027
Pellet Incisal	I2	REF 53 6513 0087
Pellet Paint	P 1	REF 53 6513 0057
Pellet Crystal	CO	REF 53 6513 0307



REF 53 6519 0131

Cergo® Kiss Refills

	10 ml
Die Spacer Sienna	REF 53 6510 0001
	7x 2g
Pellet Dentine A1	REF 53 6511 0007
Pellet Dentine A2	REF 53 6511 0017
Pellet Dentine A3	REF 53 6511 0027
Pellet Dentine A3,5	REF 53 6511 0037
Pellet Dentine A4	REF 53 6511 0047
Pellet Dentine B1	REF 53 6511 0057
Pellet Dentine B2	REF 53 6511 0067
Pellet Dentine B3	REF 53 6511 0077
Pellet Dentine B4	REF 53 6511 0087
Pellet Dentine C1	REF 53 6511 0097
Pellet Dentine C2	REF 53 6511 0107
Pellet Dentine C3	REF 53 6511 0117
Pellet Dentine C4	REF 53 6511 0127
Pellet Dentine D2	REF 53 6511 0137
Pellet Dentine D3	REF 53 6511 0147
Pellet Dentine D4	REF 53 6511 0157
Pellet Lucent L1	REF 53 6512 0007
Pellet Lucent L2	REF 53 6512 0017
Pellet Lucent LY	REF 53 6513 0017
Pellet Lucent LB	REF 53 6513 0027
Pellet Lucent LR	REF 53 6513 0037
Pellet Lucent LG	REF 53 6513 0047
Pellet Lucent LO	REF 53 6513 0317
Pellet Incisal I3	REF 53 6512 0027
Pellet Incisal I4	REF 53 6512 0037
Pellet Incisal I1	REF 53 6513 0077
Pellet Incisal I2	REF 53 6513 0087
Pellet Crystal C	REF 53 6513 0007
Pellet Crystal CO	REF 53 6513 0307
Pellet Paint P1	REF 53 6513 0057
Pellet Paint P2	REF 53 6513 0067
Pellet Paint PF	REF 53 6513 0097

Full-Ceramic-System Cergo® Kiss

Investment Plunger



REF 53 5557 0170

1 package (à 10 piece)

Firing Tray Set



Content:

- 1x Firing Tray
- 1x Firing Pin Set (7 pieces)
- 1x Firing Pad

Firing Tray	1 unit	REF 53 6590 1201
Firing Pin Set	1 package (à 7 pieces)	REF 53 6590 1202
Firing Pad	1 unit	REF 53 6590 1203

REF 53 6590 1210

1 set

Cergo® Kiss Accessories

Sienna Die Spacer	1 unit	REF 53 6590 0001
Rubber Sleeve for 100 g Muffle	1 unit	REF 53 6590 1001
Rubber Sleeve for 200 g Muffle	1 unit	REF 53 6590 1002
Muffle Former for 100 g Muffle, 1 Mounting, 1 spacer ring	100 g Muffle	REF 53 6590 1101
Muffle Former for 200 g Muffle, 1 Mounting, 1 spacer ring	200 g Muffle	REF 53 6590 1102
Press Stamp	1 unit	REF 53 6590 2001
Press Stamp holder	1 unit	REF 53 5556 0100
Firing Tray with 6 Pins	1 piece	REF 53 6900 4000
Firing Tray Pin	1 piece	REF 53 6900 4010

VENEERING CERAMICS



Naturalness and a zest for life

love is the only ceramic system that will really let you live out your passion for the perfect ceramic veneer. Only 40 components allow you to quickly and reliably reproduce 42 standard tooth shades in the V-Classic and V-3D shades systems – and precious and non-precious metal as well as on zirconia. love creates naturalness and a zest for life – for true fascination in dental prosthetics.

love: all you need | www.love-ceramic.com

Perfecting beauty

Kiss is a universal ceramic system that lets you achieve maximum aesthetics simply and safely. A single build-up scheme that can be used on all popular framework materials ensures perfect harmony of shade using a reduced number of different ceramic materials. Kiss optimizes ceramic beauty and aesthetics.

Kiss: "Keep it simple and safe" | www.kiss-ceramics.com

Basic Kit



Content:

13 x	3 ml	Paste Liner
24 x	20 g	Dentine
3 x	20 g	Enamel
1 x	20 g	Transpa Clear
1 x	20 g	Add-On Porcelain
1 x	20 g	Glaze
1 x	50 ml	Carving Liquid SD
1 x	50 ml	Carving Liquid Blend
1 x	2 ml	Paste Opaque Liquid
1 x	15 ml	Carving Liquid
2 x		Shade Indicator
1 x		Ceramic Brush
1 x		Paste Opaque Brush
1 x		Sponge love
1 x		Towel love
1 x		Mixing plate
1 x		Portioner

Refills			
3 ml			
Paste Liner	PL1	REF 53 6720 3000	
Paste Liner	PL2	REF 53 6720 3010	
Paste Liner	PL3	REF 53 6720 3020	
Paste Liner	PL4	REF 53 6720 3030	
Paste Liner	PL5	REF 53 6720 3040	
Paste Liner	PL6	REF 53 6720 3060	
Paste Liner	PL7	REF 53 6720 3080	
Paste Liner	PL8	REF 53 6720 3110	
Paste Liner	PL9	REF 53 6720 3120	
Paste Liner	PL10	REF 53 6720 3150	
Paste Liner	PL11	REF 53 6720 3170	
Paste Liner	PL12	REF 53 6720 3180	
Paste Liner	PL13	REF 53 6720 3200	
20 g			
75 g			
Dentine	DE1	REF 53 6721 1303	REF 53 6721 1305
Dentine	DE2	REF 53 6721 1313	REF 53 6721 1315
Dentine	DE3	REF 53 6721 1323	REF 53 6721 1325
Dentine	DE4	REF 53 6721 1333	REF 53 6721 1335
Dentine	DE5	REF 53 6721 1343	REF 53 6721 1345
Dentine	DE6	REF 53 6721 1353	REF 53 6721 1355
Dentine	DE7	REF 53 6721 1363	REF 53 6721 1365
Dentine	DE8	REF 53 6721 1503	REF 53 6721 1505
Dentine	DE9	REF 53 6721 1523	REF 53 6721 1525
Dentine	DE10	REF 53 6721 1543	REF 53 6721 1545
Dentine	DE11	REF 53 6721 1563	REF 53 6721 1565
Dentine	DE12	REF 53 6721 1583	REF 53 6721 1585
Dentine	DE13	REF 53 6721 1623	REF 53 6721 1625
Dentine	DE14	REF 53 6721 1653	REF 53 6721 1655
Dentine	DE15	REF 53 6721 1663	REF 53 6721 1665
Dentine	DE16	REF 53 6721 1673	REF 53 6721 1675
Dentine	DE17	REF 53 6721 1683	REF 53 6721 1685
Dentine	DE18	REF 53 6721 1693	REF 53 6721 1695
Dentine	DE19	REF 53 6721 1703	REF 53 6721 1705
Dentine	DE20	REF 53 6721 1713	REF 53 6721 1715
Dentine	DE21	REF 53 6721 1723	REF 53 6721 1725
Dentine	DE22	REF 53 6721 1733	REF 53 6721 1735
Dentine	DE23	REF 53 6721 1743	REF 53 6721 1745
Dentine	DE24	REF 53 6721 1753	REF 53 6721 1755
Enamel	E1	REF 53 6722 1503	REF 53 6722 1505
Enamel	E2	REF 53 6722 1523	REF 53 6722 1525
Enamel	E3	REF 53 6722 1543	REF 53 6722 1545
Transpa Clear	TC	REF 53 6722 3003	REF 53 6722 3005
Add-On Porcelain		REF 53 6723 7003	REF 53 6723 7005
Glaze		REF 53 6726 3503	REF 53 6726 3505

REF 53 6729 0001



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Aesthetic Kit

Refills			
3 ml			
Paste Liner	Gum	REF 53 6720 3210	
Paste Liner	Intensive Orange	REF 53 6720 3560	
		20 g	75 g
Flu Inside 1	Flu 1	REF 53 6721 7003	
Flu Inside 2	Flu 2	REF 53 6721 7053	
Gray Inside	GI	REF 53 6721 7103	
Dentine	Gum 1	REF 53 6721 9003	
Dentine	Gum 2	REF 53 6721 9013	
White Surface	WS	REF 53 6722 3013	
Stand by		REF 53 6722 3023	REF 53 6722 3025
Transpa red	TR	REF 53 6722 3033	REF 53 6722 3035
Opal Effect	OE Sunrise	REF 53 6722 3033	REF 53 6722 7005
Opal Effect	OE Sunset	REF 53 6722 7023	REF 53 6722 7025
Opal Effect	OE Sky	REF 53 6722 7033	REF 53 6722 7035
Opal Effect	OE Ocean	REF 53 6722 7043	REF 53 6722 7045
Opal Effect	OE Fog	REF 53 6722 7053	REF 53 6722 7055
Opal Enamel	OE 1	REF 53 6722 7503	REF 53 6722 7505
Opal Enamel	OE 2	REF 53 67227513	REF 53 6722 7515
Correction		REF 53 6723 7003	REF 53 6723 7005
Shoulder Porcelain	SM 1	REF 53 6724 1003	
Shoulder Porcelain	SM 2	REF 53 6724 1013	
		20 g	75 g
Shoulder Porcelain	SM 3	REF 53 6724 1023	
Shoulder Porcelain	SM 4	REF 53 6724 1033	
Shoulder Porcelain	SM 5	REF 53 6724 1083	
Final Shoulder Porcelain	F SM 1	REF 53 6724 1043	
Final Shoulder Porcelain	F SM 2	REF 53 6724 1053	
Final Shoulder Porcelain	F SM 3	REF 53 6724 1063	
Final Shoulder Porcelain	F SM 4	REF 53 6724 1073	
Final Shoulder Porcelain	F SM 5	REF 53 6724 1093	
Intensive Dentine	ID 0	REF 53 6725 5043	REF 53 6725 5045
Intensive Dentine	ID 1	REF 53 6725 5003	REF 53 6725 5005
Intensive Dentine	ID 2	REF 53 6725 5013	REF 53 6725 5015
Intensive Dentine	ID 3	REF 53 6725 5023	REF 53 6725 5025
Intensive Dentine	ID 4	REF 53 6725 5033	REF 53 6725 5035



Content:

2 x	20 g	Opal Enamel
5 x	20 g	Shoulder Porcelain
5 x	20 g	Final Shoulder Porcelain
5 x	20 g	Opal Effect
1 x	20 g	White Surface
2 x	20 g	Flu Inside
1 x	20 g	Gray Inside
1 x	20 g	Stand by
4 x	20 g	Intensive Dentine
2 x	20 g	Gum Dentine
1 x	20 g	Transpa Red
1 x	20 g	Add-On Porcelain
1 x	3 ml	Paste Liner Gum
1 x	3 ml	Paste Liner Intensive Orange
1 x	50 ml	Carving Liquid SD
1 x	50 ml	Carving Liquid Blend
1 x	15 ml	Carving Liquid Quick
1 x	2 ml	Paste Opaque Liquid
3 x		Shade Indicator
1 x		Ceramic Brush
1 x		Paste Opaque Brush
1 x		Sponge love
1 x		Towel love
1 x		Mixing plate

REF 53 6729 0002



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Stain Kit



Content:

- 9 x 4 g Stain
- 3 x 4 g Body Stain
- 1 x 20 g Glaze
- 1 x 15 ml Carving Liquid
- 1 x Shade Indicator
- 1 x Sponge love

Refills		
		4 g
Stain	white	REF 53 6726 1511
Stain	strato	REF 53 6726 1521
Stain	apricot	REF 53 6726 1531
Stain	taiga	REF 53 6726 1551
Stain	black brown	REF 53 6726 1561
Stain	pink	REF 53 6726 1571
Stain	ivory	REF 53 6726 1621
Stain	peach	REF 53 6726 1631
Stain	amber	REF 53 6726 1651
Body Stain	3	REF 53 6726 1831
Body Stain	5	REF 53 6726 1851
Body Stain	7	REF 53 6726 1871
		20 g
Glaze	7	REF 53 6726 3503

REF 53 6729 0113



Indicatoren siehe Seite 67, 68
Carving Liquiden siehe Seite 70

Bleach Kit



Content:

- 2 x 3 ml Paste Liner Bleach
- 4 x 20 g Dentine Bleach
- 2 x 20 g Enamel Bleach
- 1 x 20 g Shoulder Porcelain Bleach
- 1 x 50 ml Carving Liquid SD
- 1 x 15 ml Carving Liquid Quick
- 1 x Shade Indicator
- 1 x Paste Opaque Brush

Refills			
		3 ml	
Paste Liner	BL1/BL2	REF 53 6720 3220	
Paste Liner	BL3/BL4	REF 53 6720 3230	
		20 g	75 g
Dentine	BL1	REF 53 6721 1223	REF 53 6721 1225
Dentine	BL2	REF 53 6721 1233	REF 53 6721 1235
Dentine	BL3	REF 53 6721 1243	REF 53 6721 1245
Dentine	BL4	REF 53 6721 1253	REF 53 6721 1255
Enamel	BL1/BL2	REF 53 6722 1623	REF 53 6722 1625
Enamel	BL3/BL4	REF 53 6722 1633	REF 53 6722 1635
Shoulder Porcelain Bleach	BL	REF 53 6724 1223	

REF 53 6729 0191



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

One Shade Kit A2

Content:

- 1 x 3 ml Paste Liner PL3
- 1 x 10 g Dentine DE3
- 1 x 10 g Enamel E2
- 1 x 10 g Glaze
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid



REF 53 6729 0141

One Shade Kit 3M2

Content:

- 1 x 3 ml Paste Liner PL9
- 1 x 10 g Dentine DE6
- 1 x 10 g Enamel E3
- 1 x 10 g Glaze
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid



REF 53 6729 0142

Trial Kit A3, 2R2,5, 3M2

Content:

- 2 x 3ml Paste Liner PL6, PL9
- 2 x 10 g Dentine DE6, DE9
- 2 x 10 g Enamel E2, E3
- 1 x 10 g Glaze
- 1 x 10 g Add-On Porcelain
- 1 x 10 g Transpa Clear TC
- 1 x 50 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid
- 1 x Portioner



REF 53 6729 0151



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Basic Kit



Content:

- 13 x 3 ml Paste Opaque
- 24 x 20 g Dentine
- 3 x 20 g Enamel
- 1 x 20 g Transpa Clear
- 1 x 20 g Correction
- 1 x 20 g Glaze
- 1x 4 ml NE-Bonder Paste
- 1 x 50 ml Carving Liquid SD
- 1 x 50 ml Carving Liquid Blend
- 1 x 2 ml Paste Opaque Liquid
- 1 x 15 ml Carving Liquid
- 2 x Shade Indicator
- 1 x Ceramic Brush
- 1 x Paste Opaque Brush
- 1 x Sponge love
- 1 x Towel love
- 1 x Mixing plate
- 1 x Portioner

Refills			
3 ml			
Paste Opaque	PO1	REF 53 6050 3000	
Paste Opaque	PO2	REF 53 6050 3010	
Paste Opaque	PO3	REF 53 6050 3020	
Paste Opaque	PO4	REF 53 6050 3030	
Paste Opaque	PO5	REF 53 6050 3040	
Paste Opaque	PO6	REF 53 6050 3060	
Paste Opaque	PO7	REF 53 6050 3080	
Paste Opaque	PO8	REF 53 6050 3110	
Paste Opaque	PO9	REF 53 6050 3120	
Paste Opaque	PO10	REF 53 6050 3150	
Paste Opaque	PO11	REF 53 6050 3170	
Paste Opaque	PO12	REF 53 6050 3180	
Paste Opaque	PO13	REF 53 6050 3200	
		20 g	75 g
Dentine	DE1	REF 53 6051 1303	REF 53 6051 1305
Dentine	DE2	REF 53 6051 1313	REF 53 6051 1315
Dentine	DE3	REF 53 6051 1323	REF 53 6051 1325
Dentine	DE4	REF 53 6051 1333	REF 53 6051 1335
Dentine	DE5	REF 53 6051 1343	REF 53 6051 1345
Dentine	DE6	REF 53 6051 1353	REF 53 6051 1355
Dentine	DE7	REF 53 6051 1363	REF 53 6051 1365
Dentine	DE8	REF 53 6051 1503	REF 53 6051 1505
Dentine	DE9	REF 53 6051 1523	REF 53 6051 1525
Dentine	DE10	REF 53 6051 1543	REF 53 6051 1545
Dentine	DE11	REF 53 6051 1536	REF 53 6051 1565
Dentine	DE12	REF 53 6051 1583	REF 53 6051 1585
Dentine	DE13	REF 53 6051 1623	REF 53 6051 1625
Dentine	DE14	REF 53 6051 1653	REF 53 6051 1655
Dentine	DE15	REF 53 6051 1663	REF 53 6051 1665
Dentine	DE16	REF 53 6051 1673	REF 53 6051 1675
Dentine	DE17	REF 53 6051 1683	REF 53 6051 1685
Dentine	DE18	REF 53 6051 1693	REF 53 6051 1695
Dentine	DE19	REF 53 6051 1703	REF 53 6051 1705
Dentine	DE20	REF 53 6051 1173	REF 53 6051 1715
Dentine	DE21	REF 53 6051 1723	REF 53 6051 1725
Dentine	DE22	REF 53 6051 1733	REF 53 6051 1735
Dentine	DE23	REF 53 6051 1743	REF 53 6051 1745
Dentine	DE24	REF 53 6051 1753	REF 53 6051 1755
Enamel	E1	REF 53 6722 1503	REF 53 6052 1505
Enamel	E2	REF 53 6052 1523	REF 53 6052 1525
Enamel	E3	REF 53 6052 1543	REF 53 6052 1545
Transpa Clear	TC	REF 53 6052 3003	REF 53 6052 3005
Correction		REF 53 6053 7003	REF 53 6053 7005
Glaze		REF 53 6056 3503	REF 53 6053 6505
		4 ml	
NE-Bonder Paste		REF 53 6050 3160	

REF 53 6059 0001



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Aesthetic Kit

Refills			
3 ml			
Paste Liner	Gum	REF 53 6050 3210	
Paste Liner	Intensiv Orange	REF 53 6050 3560	
		20 g	75 g
Flu Inside 1	Flu 1	REF 53 6051 7003	
Flu Inside 2	Flu 2	REF 53 6051 7053	
Gray Inside	GI	REF 53 6051 7103	
Dentine	Gum 1	REF 53 6051 9003	
Dentine	Gum 2	REF 53 6051 9013	
White Surface	WS	REF 53 6052 3013	
Stand by		REF 53 6052 3023	REF 53 6052 3025
Transpa red	TR	REF 53 6052 3033	REF 53 6052 3035
Opal Effect	OE Sunrise	REF 53 6052 7003	REF 53 6052 7005
Opal Effect	OE Sunset	REF 53 6052 7023	REF 53 6052 7025
Opal Effect	OE Sky	REF 53 6052 7033	REF 53 6052 7035
Opal Effect	OE Ocean	REF 53 6052 7043	REF 53 6052 7045
Opal Effect	OE Fog	REF 53 6052 7053	REF 53 6052 7055
Opal Enamel	OE 1	REF 53 6052 7503	REF 53 6052 7505
Opal Enamel	OE 2	REF 53 6052 7513	REF 53 6052 7515
Shoulder Porcelain	SM 1	REF 53 6054 1003	
Shoulder Porcelain	SM 2	REF 53 6054 1013	
Shoulder Porcelain	SM 3	REF 53 6054 1023	
Shoulder Porcelain	SM 4	REF 53 6054 1033	
Shoulder Porcelain	SM 5	REF 53 6054 1043	
Final Shoulder Porcelain	F SM 1	REF 53 6054 1053	
Final Shoulder Porcelain	F SM 2	REF 53 6054 1063	
Final Shoulder Porcelain	F SM 3	REF 53 6054 1073	
Final Shoulder Porcelain	F SM 4	REF 53 6054 1083	
Final Shoulder Porcelain	F SM 5	REF 53 6054 1093	
Intensive Dentine	ID 0	REF 53 6055 5043	REF 53 6055 5005
Intensive Dentine	ID 1	REF 53 6055 5003	REF 53 6055 5015
Intensive Dentine	ID 2	REF 53 6055 5013	REF 53 6055 5025
Intensive Dentine	ID 3	REF 53 6055 5023	REF 53 6055 5035
Intensive Dentine	ID 4	REF 53 6055 5033	REF 53 6055 5045



Content:

- 2 x 20 g Opal Enamel
- 5 x 20 g Shoulder Porcelain
- 5 x 20 g Final Shoulder Porcelain
- 5 x 20 g Opal Effect
- 1 x 20 g White Surface
- 2 x 20 g Flu Inside
- 1 x 20 g Gray Inside
- 1 x 20 g Stand by
- 4 x 20 g Intensive Dentine
- 2 x 20 g Gum Dentine
- 1 x 20 g Transpa Red
- 1 x 3 ml Paste Opaque Gum
- 1 x 3 ml Paste Opaque Intensive Orange
- 1 x 50 ml Carving Liquid SD
- 1 x 50 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid Quick
- 1 x 2 ml Paste Opaque Liquid
- 3 x Shade Indicator
- 1 x Ceramic Brush
- 1 x Paste Opaque Brush
- 1 x Sponge love
- 1 x Towel love
- 1 x Mixing plate

REF 53 6059 0002



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Stain Kit



Content:

- 9 x 4 g Stain
- 3 x 4 g Body Stain
- 1 x 20 g Glaze
- 1 x 15 ml Carving Liquid
- 1 x Shade Indicator
- 1 x Sponge love

Refills		
		4 g
Stain	white	REF 53 6056 1511
Stain	strato	REF 53 6056 1521
Stain	apricot	REF 53 6056 1531
Stain	taiga	REF 53 6056 1551
Stain	black brown	REF 53 6056 1561
Stain	pink	REF 53 6056 1571
Stain	ivory	REF 53 6056 1621
Stain	peach	REF 53 6056 1631
Stain	amber	REF 53 6056 1651
Body Stain	3	REF 53 6056 1831
Body Stain	5	REF 53 6056 1851
Body Stain	7	REF 53 6056 1871
		20 g
Glaze	7	REF 53 6056 3503

REF 53 6059 0113



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Bleach Kit



Content:

- 2 x 3 ml Paste Opaque Bleach
- 4 x 20 g Dentine Bleach
- 2 x 20 g Enamel Bleach
- 1 x 20 g Shoulder Porcelain Bleach
- 1 x 50 ml Carving Liquid SD
- 1 x 15 ml Carving Liquid Quick
- 1 x Shade Indicator
- 1 x Paste Opaque Brush

Refills		
		3 ml
Paste Opaque	BL1/BL2	REF 53 6050 3220
Paste Opaque	BL3/BL4	REF 53 6050 3230
		20 g
Dentine	BL1	REF 53 6051 1223
Dentine	BL2	REF 53 6051 1233
Dentine	BL3	REF 53 6051 1243
Dentine	BL4	REF 53 6051 1253
Enamel	BL1/BL2	REF 53 6052 1623
Enamel	BL3/BL4	REF 53 6052 1633
Shoulder Bleach	BL	REF 53 6054 1223

REF 53 6059 0191



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

One Shade Kit A2

Content:

- 1 x 3 ml Paste Opaque PO3
- 1 x 10 g Dentine DE3
- 1 x 10 g Enamel E2
- 1 x 10 g NE-Bonder Powder
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Opaque Liquid OCL universal



REF 53 6059 0141

One Shade Kit 3M2

Content:

- 1 x 3 ml Paste Opaque PO9
- 1 x 10 g Dentine DE6
- 1 x 10 g Enamel E3
- 1 x 10 g NE-Bonder Powder
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Opaque Liquid OCL universal



REF 53 6059 0142

Trial Kit A3, 2R2,5, 3M2

Content:

- 2 x 3ml Paste Opaque PO6, PO9
- 2 x 10 g Dentine DE6, DE9
- 2 x 10 g Enamel E2, E3
- 1 x 10 g Glaze
- 1 x 10 g Add-On Porcelain
- 1 x 10 g Transpa Clear TC
- 1 x 4 ml NE-Bonder Paste
- 1 x 50 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid
- 1 x 2 ml Paste Opaque Liquid
- 1 x Portioner



REF 53 6059 0151

NE-Bonder

	20 g	75 g
NE-Bonder Powder	REF 53 6050 0503	REF 53 6050 0505
	4 ml	
NE-Bonder Paste	REF 53 6050 3160	

Basic Kit



Content:

- 13 x 3 ml Paste Opaque
- 1 x 3 ml Paste Bonder Degunorm
- 24 x 20 g Dentine
- 3 x 20 g Enamel
- 1 x 20 g Transpa Clear
- 1 x 20 g Add-On Porcelain
- 1 x 20 g Glaze
- 1 x 50 ml Ducera Liquid Blend
- 1 x 50 ml Carving Liquid SD
- 1 x 15 ml Ducera Liquid Stain improved
- 1 x 2 ml Paste Opaque Liquid
- 1 x Carving Brush Size 08
- 1 x Paste Opaque Brush
- 2 x Shade Indicator
- 1 x Towel love
- 1 x Mixing plate
- 1 x Sponge love
- 1 x Portioner

Refills:

3ml			
Paste Opaque	PO 1	REF 53 6040 3000	
Paste Opaque	PO 2	REF 53 6040 3010	
Paste Opaque	PO 3	REF 53 6040 3020	
Paste Opaque	PO 4	REF 53 6040 3030	
Paste Opaque	PO 5	REF 53 6040 3040	
Paste Opaque	PO 6	REF 53 6040 3060	
Paste Opaque	PO 7	REF 53 6040 3080	
Paste Opaque	PO 8	REF 53 6040 3110	
Paste Opaque	PO 9	REF 53 6040 3120	
Paste Opaque	PO 10	REF 53 6040 3150	
Paste Opaque	PO 11	REF 53 6040 3170	
Paste Opaque	PO 12	REF 53 6040 3180	
Paste Opaque	PO 13	REF 53 6040 3200	
Pastebonder Degunorm		REF 53 6040 3160	
		20 g	75 g
Dentine	DE 1	REF 53 6041 1303	REF 53 6041 1305
Dentine	DE 2	REF 53 6041 1313	REF 53 6041 1315
Dentine	DE 3	REF 53 6041 1323	REF 53 6041 1325
Dentine	DE 4	REF 53 6041 1333	REF 53 6041 1335
Dentine	DE 5	REF 53 6041 1343	REF 53 6041 1345
Dentine	DE 6	REF 53 6041 1353	REF 53 6041 1355
Dentine	DE 7	REF 53 6041 1363	REF 53 6041 1365
Dentine	DE 8	REF 53 6041 1503	REF 53 6041 1505
Dentine	DE 9	REF 53 6041 1523	REF 53 6041 1525
Dentine	DE 10	REF 53 6041 1543	REF 53 6041 1545
Dentine	DE 11	REF 53 6041 1563	REF 53 6041 1565
Dentine	DE 12	REF 53 6041 1583	REF 53 6041 1585
Dentine	DE 13	REF 53 6041 1623	REF 53 6041 1625
Dentine	DE 14	REF 53 6041 1653	REF 53 6041 1655
Dentine	DE 15	REF 53 6041 1663	REF 53 6041 1665
Dentine	DE 16	REF 53 6041 1673	REF 53 6041 1675
Dentine	DE 17	REF 53 6041 1683	REF 53 6041 1685
Dentine	DE 18	REF 53 6041 1693	REF 53 6041 1695
Dentine	DE 19	REF 53 6041 1703	REF 53 6041 1705
Dentine	DE 20	REF 53 6041 1713	REF 53 6041 1715
Dentine	DE 21	REF 53 6041 1723	REF 53 6041 1725
Dentine	DE 22	REF 53 6041 1733	REF 53 6041 1735
Dentine	DE 23	REF 53 6041 1743	REF 53 6041 1745
Dentine	DE 24	REF 53 6041 1753	REF 53 6041 1755
Enamel	E 1	REF 53 6042 1503	REF 53 6042 1505
Enamel	E 2	REF 53 6042 1523	REF 53 6042 1525
Enamel	E 3	REF 53 6042 1543	REF 53 6042 1545
Transpa Clear	TC	REF 53 6042 3003	REF 53 6042 3005
Add-On Porcelain		REF 53 6043 7003	REF 53 6043 7005
Glaze		REF 53 6046 3503	REF 53 6046 3505

REF 53 6049 0001



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Aesthetic Kit

Refills:			
3 ml			
Paste Opaque	PO Gum	REF 53 6040 3210	
Paste Opaque	PO Intensive Orange	REF 53 6040 3560	
20 g			
Flu Inside 1	Flu 1	REF 53 6041 7003	
Flu Inside 2	Flu 2	REF 53 6041 7053	
Gray Inside	GI	REF 53 6041 7103	
Dentine	Gum 1	REF 53 6041 9003	
Dentine	Gum 2	REF 53 6041 9013	
White Surface	WS	REF 53 6042 3013	
		20 g	75 g
Stand by		REF 53 6042 3023	REF 53 6042 3025
Transpa Red	TR	REF 53 6042 3033	REF 53 6042 3035
Opal Effect	OE Sunrise	REF 53 6042 7003	REF 53 6042 7005
Opal Effect	OE Sunset	REF 53 6042 7023	REF 53 6042 7025
Opal Effect	OE Sky	REF 53 6042 7033	REF 53 6042 7035
Opal Effect	OE Ocean	REF 53 6042 7043	REF 53 6042 7045
Opal Effect	OE Fog	REF 53 6042 7053	REF 53 6042 7055
Opal Enamel	OE 1	REF 53 6042 7503	REF 53 6042 7505
Opal Enamel	OE 2	REF 53 6042 7513	REF 53 6042 7515
Shoulder Porcelain	SM1	REF 53 6044 1003	
Shoulder Porcelain	SM2	REF 53 6044 1013	
Shoulder Porcelain	SM3	REF 53 6044 1023	
Shoulder Porcelain	SM4	REF 53 6044 1033	
Shoulder Porcelain	SM5	REF 53 6044 1043	
Final Shoulder Porcelain F SM 1		REF 53 6044 1053	
Final Shoulder Porcelain F SM 2		REF 53 6044 1063	
Final Shoulder Porcelain F SM 3		REF 53 6044 1073	
Final Shoulder Porcelain F SM 4		REF 53 6044 1083	
Final Shoulder Porcelain F SM 5		REF 53 6044 1093	
		20 g	75 g
Intensive Dentine	ID 0	REF 53 6045 5043	REF 53 6045 5005
Intensive Dentine	ID 1	REF 53 6045 5003	REF 53 6045 5015
Intensive Dentine	ID 2	REF 53 6045 5013	REF 53 6045 5025
Intensive Dentine	ID 3	REF 53 6045 5023	REF 53 6045 5035
Intensive Dentine	ID 4	REF 53 6045 5033	REF 53 6045 5045



Content:

2 x	3 ml	Paste Opaque
2 x	20 g	Opal Enamel
5 x	20 g	Shoulder Porcelain
5 x	20 g	Final-Shoulder Porcelain
5 x	20 g	Opal Effect
1 x	20 g	White Surface
2 x	20 g	Flu Inside
1 x	20 g	Gray Inside
1 x	20 g	Stand by
2 x	20 g	Gum Dentine
5 x	20 g	Intensive Dentine
1 x	20 g	Transpa Red
1 x	50 ml	Carving Liquid SD
1 x	50 ml	Ducera Liquid Blend
1 x	15 ml	Carving Liquid Quick
1 x	2 ml	Paste Opaque Liquid
1 x		Carving Brush Size 08
1 x		Paste Opaque Brush
2 x		Shade Indicator
1 x		Shade Indicator Shoulder Gingiva
1 x		Towel love
1 x		Mixing plate
1 x		Sponge love

REF 53 6049 0002



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Stain Kit



Content:

- 9 x 4 g Stain
- 3 x 4 g Body Stain
- 1 x 20 g Glaze
- 1 x 15 ml Ducera Liquid Stain improved
- 1 x Shade Indicator
- 1 x Sponge love

Refills:

		4 g
Stain	white	REF 53 6046 1511
Stain	strato	REF 53 6046 1521
Stain	apricot	REF 53 6046 1531
Stain	taiga	REF 53 6046 1551
Stain	black brown	REF 53 6046 1561
Stain	pink	REF 53 6046 1571
Stain	ivory	REF 53 6046 1621
Stain	peach	REF 53 6046 1631
Stain	amber	REF 53 6046 1651
Body-Stain	3	REF 53 6046 1831
Body-Stain	5	REF 53 6046 1851
Body-Stain	7	REF 53 6046 1871
		20 g
		75 g
Glaze		REF 53 6046 3503
		REF 53 6046 3505

REF 53 6049 0113



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Bleach Kit



Content:

- 2 x 3 ml Paste Opaque Bleach
- 4 x 20 g Dentine Bleach
- 2 x 20 g Enamel Bleach
- 1 x 20 g Shoulder Porcelain Bleach
- 1 x 50 ml Ducera Liquid Blend
- 1 x 15 ml Carving Liquid Quick
- 1 x Shade Indicator
- 1 x Paste Opaque Brush

Refills:

		3 ml
Paste Opaque	Bleach BL1/BL2	REF 53 6040 3220
Paste Opaque	Bleach BL3/BL4	REF 53 6040 3230
		20 g
Dentine	Bleach BL1	REF 53 6041 1223
Dentine	Bleach BL2	REF 53 6041 1233
Dentine	Bleach BL3	REF 53 6041 1243
Dentine	Bleach BL4	REF 53 6041 1253
Enamel	Bleach BL1/BL2	REF 53 6042 1623
Enamel	Bleach BL3/BL4	REF 53 6042 1633
Shoulder Porcelain	Bleach	REF 53 6044 1223

REF 53 6049 0191



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

One Shade Kit A2

Content:

- 1 x 3 ml Paste Opaque PL3
- 1 x 10 g Dentine DE3
- 1 x 10 g Enamel E2
- 1 x 10 g Paste Bonder Degunorm
- 1 x 10 g Glaze
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Paste Opaque Liquid



REF 53 6049 0141

One Shade Kit 3M2

Content:

- 1 x 3 ml Paste Opaque PL9
- 1 x 10 g Dentine DE6
- 1 x 10 g Enamel E3
- 1 x 10 g Paste Bonder Degunorm
- 1 x 10 g Glaze
- 1 x 15 ml Carving Liquid Blend
- 1 x 15 ml Paste Opaque Liquid



REF 53 6049 0142

Trial Kit A3, 2R2,5, 3M2

Content:

- 2 x 3ml Paste Liner PL6, PL9
- 2 x 10 g Dentine DE6, DE9
- 2 x 10 g Enamel E2, E3
- 1 x 10 g Paste Bonder Degunorm
- 1 x 10 g Glaze
- 1 x 10 g Add-On Porcelain
- 1 x 10 g Transpa Clear TC
- 1 x 50 ml Carving Liquid Blend
- 1 x 15 ml Carving Liquid
- 1 x Portioner



REF 53 6049 0151



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Paste Liner



Content:

19x	3 ml	Paste Liner PL A1 – D4, Bleach, Gum, Intensive Orange
17x	20 g	Dentine D A1 – D4, Bleach
2x	20 g	Flu Inside Flu 1, Flu 2
2x	20 g	Dentine Gum 1, 2
6x	20 g	Incisal S 1 – S 6
6x	20 g	Power Chroma PC 1 – PC 6
5x	20 g	Opal Effect OE Sunrise, Sunset, Sky, Ocean, Fog
2x	20 g	Opal Incisal OS 1, OS 2
1x	20 g	Stand by
1x	20 g	White Surface
1x	20 g	Transpa Clear
1x	20 g	Add-On Final Kiss
5x	20 g	Shoulder Porcelain SM 1 – SM 5
5x	20 g	Final Shoulder Porcelain F SM 1 – F SM 5
8x	4 g	Stain Amber, Strato, Apricot, Dark Brown, Ivory, Peach, Taiga, White Glaze
1x	20 g	
1x	15 ml	Carving Liquid Quick
1x	50 ml	Carving Liquid SD
1x	50 ml	Carving Liquid Form
2x	2 ml	Paste Opaque Liquid
1x	15 ml	Ducera Liquid Stain improved
6x		Shade Indicator Opaque, Base, Opal, Shoulder, Power, Gingiva
1x		Portioner
1x		Magic Wizard Brush
1x		Magic Opaque Brush
1x		Kiss Towel Black

Refills		3 ml	
Paste Liner	PL A1	REF 53 6710 3000	
Paste Liner	PL A2	REF 53 6710 3010	
Paste Liner	PL A3	REF 53 6710 3020	
Paste Liner	PL A3,5	REF 53 6710 3030	
Paste Liner	PL A4	REF 53 6710 3040	
Paste Liner	PL B1	REF 53 6710 3050	
Paste Liner	PL B2	REF 53 6710 3060	
Paste Liner	PL B3	REF 53 6710 3070	
Paste Liner	PL B4	REF 53 6710 3080	
Paste Liner	PL C1	REF 53 6710 3090	
Paste Liner	PL C2	REF 53 6710 3100	
Paste Liner	PL C3	REF 53 6710 3110	
Paste Liner	PL C4	REF 53 6710 3120	
Paste Liner	PL D2	REF 53 6710 3130	
Paste Liner	PL D3	REF 53 6710 3140	
Paste Liner	PL D4	REF 53 6710 3150	
Paste Liner	Bleach	REF 53 6710 1200	
Paste Liner	Gum	REF 53 6710 3200	
Paste Liner Intensive	Orange	REF 53 6710 3560	
		20 g	75 g
Dentine	D A1	REF 53 6711 1503	REF 53 6711 1505
Dentine	D A2	REF 53 6711 1513	REF 53 6711 1515
Dentine	D A3	REF 53 6711 1523	REF 53 6711 1525
Dentine	D A3,5	REF 53 6711 1533	REF 53 6711 1535
Dentine	D A4	REF 53 6711 1543	REF 53 6711 1545
Dentine	D B1	REF 53 6711 1553	REF 53 6711 1555
Dentine	D B2	REF 53 6711 1563	REF 53 6711 1565
Dentine	D B3	REF 53 6711 1573	REF 53 6711 1575
Dentine	D B4	REF 53 6711 1583	REF 53 6711 1585
Dentine	D C1	REF 53 6711 1593	REF 53 6711 1595
Dentine	D C2	REF 53 6711 1603	REF 53 6711 1605
Dentine	D C3	REF 53 6711 1613	REF 53 6711 1615
Dentine	D C4	REF 53 6711 1623	REF 53 6711 1625
Dentine	D D2	REF 53 6711 1633	REF 53 6711 1635
Dentine	D D3	REF 53 6711 1643	REF 53 6711 1645
Dentine	D D4	REF 53 6711 1653	REF 53 6711 1655
Dentine	Bleach	REF 53 6711 1203	
Flu Inside	Flu 1	REF 53 6711 7003	
Flu Inside	Flu 2	REF 53 6711 7053	
Incisal	S 1	REF 53 6712 1503	REF 53 6712 1505
Incisal	S 2	REF 53 6712 1513	REF 53 6712 1515
Incisal	S 3	REF 53 6712 1523	REF 53 6712 1525
Incisal	S 4	REF 53 6712 1533	REF 53 6712 1535
Incisal	S 5	REF 53 6712 1543	REF 53 6712 1545
Incisal	S 6	REF 53 6712 1553	REF 53 6712 1555
Power Chroma	PC 1	REF 53 6715 5003	
Power Chroma	PC 2	REF 53 6715 5013	
Power Chroma	PC 3	REF 53 6715 5023	REF 53 6715 5025
Power Chroma	PC 4	REF 53 6715 5033	REF 53 6715 5035
Power Chroma	PC 5	REF 53 6715 5043	REF 53 6715 5045
Power Chroma	PC 6	REF 53 6715 5053	
Opal Incisal	OS 1	REF 53 6712 7503	REF 53 6712 7505
Opal Incisal	OS 2	REF 53 6712 7513	REF 53 6712 7515
Shoulder Porcelain	SM 1	REF 53 6714 1003	
Shoulder Porcelain	SM 2	REF 53 6714 1013	
Shoulder Porcelain	SM 3	REF 53 6714 1023	
Shoulder Porcelain	SM 4	REF 53 6714 1033	
Shoulder Porcelain	SM 5	REF 53 6714 1043	
Add-On Porcelain	Final Kiss	REF 53 6713 7003	
Dentine	Gum 1	REF 53 6711 9003	
Dentine	Gum 2	REF 53 6711 9013	
Transpa Clear	TC	REF 53 6712 3003	REF 53 6712 3005
White Surface	WS	REF 53 6712 3013	
Stand by		REF 53 6712 3023	REF 53 6712 3025
Opal Effect	OE Sunrise	REF 53 6712 7003	REF 53 6712 7005
Opal Effect	OE Sunset	REF 53 6712 7023	REF 53 6712 7025
Opal Effect	OE Sky	REF 53 6712 7033	REF 53 6712 7035
Opal Effect	OE Ocean	REF 53 6712 7043	REF 53 6712 7045
Opal Effect	OE Fog	REF 53 6712 7053	REF 53 6712 7055
Final Shoulder Porcelain	F SM 1	REF 53 6714 1053	
Final Shoulder Porcelain	F SM 2	REF 53 6714 1063	
Final Shoulder Porcelain	F SM 3	REF 53 6714 1073	
Final Shoulder Porcelain	F SM 4	REF 53 6714 1083	
Final Shoulder Porcelain	F SM 5	REF 53 6714 1093	
Glaze		REF 53 6716 3503	



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Paste Liner

Refills		
4 g		
Stain	White	REF 53 6716 1511
Stain	Strato	REF 53 6716 1521
Stain	Apricot	REF 53 6716 1531
Stain	Taiga	REF 53 6716 1551
Stain	Dark Brown	REF 53 6716 1561
Stain	Ivory	REF 53 6716 1621
Stain	Peach	REF 53 6716 1631
Stain	Amber	REF 53 6716 1651

REF 53 6719 0131

Stain Kit/large

Refills		
4 g		
Stain	White	REF 53 6716 1511
Stain	Strato	REF 53 6716 1521
Stain	Apricot	REF 53 6716 1531
Stain	Taiga	REF 53 6716 1551
Stain	Dark Brown	REF 53 6716 1561
Stain	Gray	REF 53 6716 1571
Stain	Yellow	REF 53 6716 1581
Stain	Orange	REF 53 6716 1591
Stain	Honey	REF 53 6716 1601
Stain	Mango	REF 53 6716 1611
Stain	Ivory	REF 53 6716 1621
Stain	Peach	REF 53 6716 1631
Stain	Caramel	REF 53 6716 1641
Stain	Amber	REF 53 6716 1651
Stain	Terra	REF 53 6716 1661
Stain	Black	REF 53 6716 1671
Body Stain	1	REF 53 6716 1811
Body Stain	2	REF 53 6716 1821
Body Stain	3	REF 53 6716 1831
Body Stain	4	REF 53 6716 1841
Body Stain	5	REF 53 6716 1851
Body Stain	6	REF 53 6716 1861
Body Stain	7	REF 53 6716 1871
Body Stain	8	REF 53 6716 1881
Body Stain	9	REF 53 6716 1891
20 g		
Glaze		REF 53 6716 3503
15 ml		
Ducera Liquid	Stain improved	REF 53 6827 4613



Content:

16x	4 g	Stain Liquid White; Yellow; Orange; Strato; Honey; Mango; Apricot; Ivory; Peach; Caramel; Amber; Taiga; Terra; Dark Brown; Gray; Black
9x	4 g	Body Stain 1 – 9
1x	12 g	Glaze
1x	15 ml	Ducera Liquid Stain improved
1x		Shade Indicator Stain

REF 53 6719 0113



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Starter Kit



Content:

8x	3 ml	Paste Liner PL A2, A3, A3,5, B2, B3, D3, Bleach, Gum
7x	10 g	Dentine D A2, A3, A3,5, B2, B3, D3, Bleach
1x	10 g	Gum 1
4x	10 g	Incisal S 1-S 4
6x	10 g	Power Chroma PC 1 – PC 6
2x	10 g	Opal Effect OE Sunset, Ocean
2x	10 g	Opal Incisal OS 1, OS 2
1x	10 g	Stand by
1x	10 g	White Surface
1x	10 g	Transpa Clear
1x	10 g	Add-On Porcelain Final Kiss
3x	4 g	Stain Strato, Caramel, Peach
1x	4 g	Glaze
1x	15 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Form
1x	2 ml	Paste Opaque Liquid
1x	2 ml	Stain Liquid
2x		Shade Indicator Base + Opal, Power
1x		Portioner
1x		Paste Opaque Brush

REF 53 6719 0141

Trial Kit



Content:

1x	3 ml	Paste Liner PL A3
1x	10 g	Dentine D A3
1x	10 g	Incisal S 3
1x	10 g	Opal Effect OE Ocean
2x	10 g	Opal Incisal OS 1, 2
1x	10 g	Add-On Porcelain Final Kiss
1x	10 g	Stand by
1x	4 g	Glaze
1x	15 ml	Carving Liquid SD
1x	2 ml	Paste Opaque Liquid
1x		Paste Opaque Brush

REF 53 6719 0151



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

extreme Dentine Kit

Refills		
20 g		
extreme Dentine	E0	REF 53 6711 1303
extreme Dentine	E6	REF 53 6711 1313
extreme Yellow spot		REF 53 6711 1323
extreme Red spot		REF 53 6711 1333
extreme Gray spot		REF 53 6711 1343
extreme Intensive spot		REF 53 6711 1353
3 ml		
extreme Paste Liner	E0/E0,5	REF 53 6710 3170
extreme Paste Liner	E5/E6	REF 53 6710 3180



Content:
 2x 3 ml Paste Liner E0/E0,5; E5/E6
 2x 20 g Dentine E0, E6
 4x 20 g extreme Spot Yellow, Red, Gray, Intensive
 1x Turbo Ceramic Brush by Braunwarth

REF 53 6719 0521

Bleach Shades Kit

Refills		
20 g		
Dentine	Bleach BL1	REF 53 6711 1223
Dentine	Bleach BL2	REF 53 6711 1233
Dentine	Bleach BL3	REF 53 6711 1243
Dentine	Bleach BL4	REF 53 6711 1253
Incisal	Bleach BL1/BL2	REF 53 6712 1623
Incisal	Bleach BL3/BL4	REF 53 6712 1633
Shoulder Porcelain	Bleach	REF 53 6714 1223
3 ml		
Paste Liner	Bleach BL1/BL2	REF 53 6710 1220
Cercon® ceram Kiss Paste Liner	Bleach BL3/BL4	REF 53 6710 1230
50 ml		
Carving Liquid	SD	REF 53 6827 2054
Carving Liquid	Quick	REF 53 6827 2034



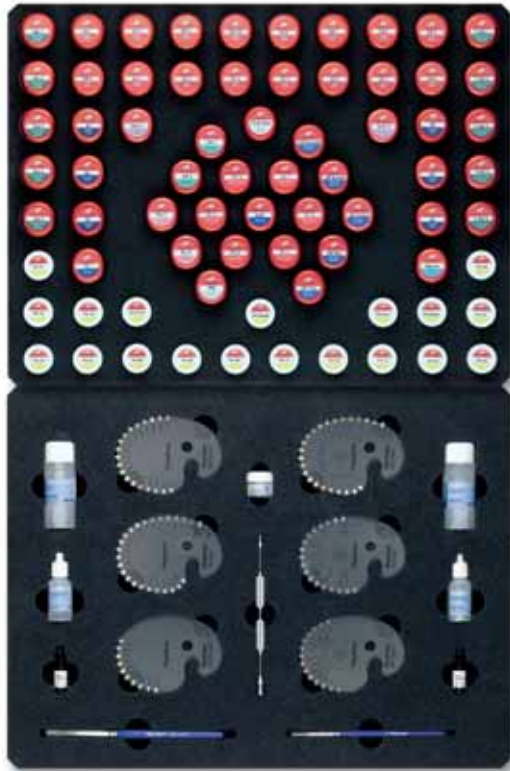
Content:
 2x 3 ml Paste Liner Bleach BL1/ BL2, BL3/ BL4
 4x 20 g Dentine Bleach BL1, BL2, BL3, BL4
 2x 20 g Incisal Bleach BL1/ BL2, BL3/ BL4
 1x 20 g Shoulder Bleach
 1x 15 ml Carving Liquid SD
 1x 15 ml Carving Liquid Quick
 1x Paste Opaque Brush
 1x Shade Indicator Bleach

REF 53 6719 0191



see: Shade Indicator page 67, 68
 see: Carving Liquid page 70

Complete Assortment with Paste Opaque



Content:

- 16x 3 ml Paste Opaque PO A1 – D4
- 1x 3 ml Paste Opaque Gum
- 1x 3 ml Paste Opaque Bleach
- 1x 3 ml Paste Opaque Intensive Orange
- 1x 3 ml Neutral Paste
- 16x 20 g Dentine D A1 – D D4
- 6x 20 g Incisal S 1 – S 6
- 6x 20 g Power Chroma PC 1 – PC 6
- 5x 20 g Opal Effect OE Sunrise, Sunset, Sky, Ocean, Fog
- 2x 20 g Flu Inside Flu 1 and 2
- 2x 20 g Opal Incisal OS 1 and 2
- 1x 20 g Stand by
- 1x 20 g White Surface
- 1x 20 g Add-On Porcelain Final Kiss
- 5x 20 g Shoulder Porcelain SM 1 – 5
- 5x 20 g Final Shoulder Porcelain F SM 1 – 5
- 1x 20 g Dentine Bleach
- 2x 20 g Dentine Gum 1, 2
- 1x 20 g Transpa
- 1x 15 ml Carving Liquid Quick
- 1x 50 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Form
- 1x 50 ml Carving Liquid Form
- 2x 2 ml Paste Opaque Fluid
- 1x Kiss Towel Black
- 6x Shade Indicator Opaque, Base, Opal, Shoulder, Power, Gingiva
- 1x MagicOpaque Paste Opaque Brush
- 1x MagicWizard Ceramic Brush
- 1x Portioner

Refills

		3 ml	
Paste Opaque	PO A1	REF 53 6090 3000	
Paste Opaque	PO A2	REF 53 6090 3010	
Paste Opaque	PO A3	REF 53 6090 3020	
Paste Opaque	PO A3,5	REF 53 6090 3030	
Paste Opaque	PO A4	REF 53 6090 3040	
Paste Opaque	PO B1	REF 53 6090 3050	
Paste Opaque	PO B2	REF 53 6090 3060	
Paste Opaque	PO B3	REF 53 6090 3070	
Paste Opaque	PO B4	REF 53 6090 3080	
Paste Opaque	PO C1	REF 53 6090 3090	
Paste Opaque	PO C2	REF 53 6090 3100	
Paste Opaque	PO C3	REF 53 6090 3110	
Paste Opaque	PO C4	REF 53 6090 3120	
Paste Opaque	PO D2	REF 53 6090 3130	
Paste Opaque	PO D3	REF 53 6090 3140	
Paste Opaque	PO D4	REF 53 6090 3150	
Paste Opaque	Gum	REF 53 6090 3200	
Paste Opaque	Bleach	REF 53 6090 1200	
Paste Opaque Intensive	Orange	REF 53 6090 3560	
		20 g	75 g
Dentine	D A1	REF 53 6091 1003	REF 53 6091 1005
Dentine	D A2	REF 53 6091 1013	REF 53 6091 1015
Dentine	D A3	REF 53 6091 1023	REF 53 6091 1025
Dentine	D A3,5	REF 53 6091 1033	REF 53 6091 1035
Dentine	D A4	REF 53 6091 1043	REF 53 6091 1045
Dentine	D B1	REF 53 6091 1053	REF 53 6091 1055
Dentine	D B2	REF 53 6091 1063	REF 53 6091 1065
Dentine	D B3	REF 53 6091 1073	REF 53 6091 1075
Dentine	D B4	REF 53 6091 1083	REF 53 6091 1085
Dentine	D C1	REF 53 6091 1093	REF 53 6091 1095
Dentine	D C2	REF 53 6091 1103	REF 53 6091 1105
Dentine	D C3	REF 53 6091 1113	REF 53 6091 1115
Dentine	D C4	REF 53 6091 1123	REF 53 6091 1125
Dentine	D D2	REF 53 6091 1133	REF 53 6091 1135
Dentine	D D3	REF 53 6091 1143	REF 53 6091 1145
Dentine	D D4	REF 53 6091 1153	REF 53 6091 1155
Dentine	Bleach	REF 53 6091 1203	
Dentine	Gum 1	REF 53 6091 9003	
Dentine	Gum 2	REF 53 6091 9013	
Incisal	S 1	REF 53 6092 1503	REF 53 6092 1505
Incisal	S 2	REF 53 6092 1513	REF 53 6092 1515
Incisal	S 3	REF 53 6092 1523	REF 53 6092 1525
Incisal	S 4	REF 53 6092 1533	REF 53 6092 1535
Incisal	S 5	REF 53 6092 1543	REF 53 6092 1545
Incisal	S 6	REF 53 6092 1553	REF 53 6092 1555
Transpa Clear	TC	REF 53 6092 3003	REF 53 6092 3005
Add-On Porcelain	Final Kiss	REF 53 6093 7003	REF 53 6093 7005
Shoulder Porcelain	SM 1	REF 53 6094 1003	
Shoulder Porcelain	SM 2	REF 53 6094 1013	
Shoulder Porcelain	SM 3	REF 53 6094 1023	
Shoulder Porcelain	SM 4	REF 53 6094 1033	
Shoulder Porcelain	SM 5	REF 53 6094 1043	
Final Shoulder Porcelain	F SM 1	REF 53 6094 1053	
Final Shoulder Porcelain	F SM 2	REF 53 6094 1063	
Final Shoulder Porcelain	F SM 3	REF 53 6094 1073	
Final Shoulder Porcelain	F SM 4	REF 53 6094 1083	
Final Shoulder Porcelain	F SM 5	REF 53 6094 1093	
Power Chroma	PC 1	REF 53 6095 5003	
Power Chroma	PC 2	REF 53 6095 5013	REF 53 6095 5015
Power Chroma	PC 3	REF 53 6095 5023	REF 53 6095 5025
Power Chroma	PC 4	REF 53 6095 5033	REF 53 6095 5035
Power Chroma	PC 5	REF 53 6095 5043	REF 53 6095 5045
Power Chroma	PC 6	REF 53 6095 5053	
Flu Inside	Flu 1	REF 53 6091 7003	
Flu Inside	Flu 2	REF 53 6091 7053	
Opal Effect	OE Sunrise	REF 53 6092 7003	REF 53 6092 7005
Opal Effect	OE Sunset	REF 53 6092 7023	REF 53 6092 7025
Opal Effect	OE Sky	REF 53 6092 7033	REF 53 6092 7035
Opal Effect	OE Ocean	REF 53 6092 7043	REF 53 6092 7045
Opal Effect	OE Fog	REF 53 6092 7053	REF 53 6092 7055
Stand by		REF 53 6092 3023	REF 53 6092 3025
Opal Incisal	OS 1	REF 53 6092 7503	REF 53 6092 7505
Opal Incisal	OS 2	REF 53 6092 7513	REF 53 6092 7515
White Surface	WS	REF 53 6092 3013	

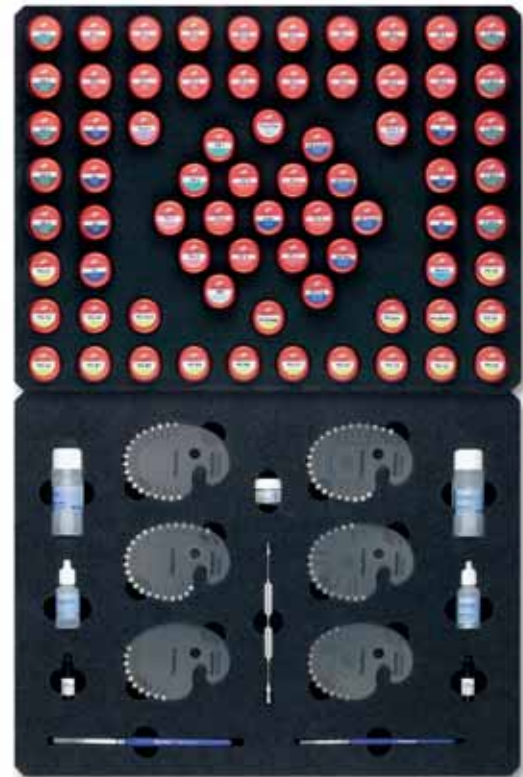
REF 53 6099 0131



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Powder Opaque

Refills		20 g	75 g
Powder Opaque	O A1	REF 53 6090 1003	REF 53 6090 1005
Powder Opaque	O A2	REF 53 6090 1013	REF 53 6090 1015
Powder Opaque	O A3	REF 53 6090 1023	REF 53 6090 1025
Powder Opaque	O A3,5	REF 53 6090 1033	REF 53 6090 1035
Powder Opaque	O A4	REF 53 6090 1043	REF 53 6090 1045
Powder Opaque	O B1	REF 53 6090 1053	REF 53 6090 1055
Powder Opaque	O B2	REF 53 6090 1063	REF 53 6090 1065
Powder Opaque	O B3	REF 53 6090 1073	REF 53 6090 1075
Powder Opaque	O B4	REF 53 6090 1083	REF 53 6090 1085
Powder Opaque	O C1	REF 53 6090 1093	REF 53 6090 1095
Powder Opaque	O C2	REF 53 6090 1103	REF 53 6090 1105
Powder Opaque	O C3	REF 53 6090 1113	REF 53 6090 1115
Powder Opaque	O C4	REF 53 6090 1123	REF 53 6090 1125
Powder Opaque	O D2	REF 53 6090 1133	REF 53 6090 1135
Powder Opaque	O D3	REF 53 6090 1143	REF 53 6090 1145
Powder Opaque	O D4	REF 53 6090 1153	REF 53 6090 1155
Powder Opaque	Gum	REF 53 6090 9003	
Powder Opaque	Bleach	REF 53 6090 1203	REF 53 6090 1205
Powder Opaque Intensive	Orange	REF 53 6090 0523	
Dentine	D A1	REF 53 6091 1003	REF 53 6091 1005
Dentine	D A2	REF 53 6091 1013	REF 53 6091 1015
Dentine	D A3	REF 53 6091 1023	REF 53 6091 1025
Dentine	D A3,5	REF 53 6091 1033	REF 53 6091 1035
Dentine	D A4	REF 53 6091 1043	REF 53 6091 1045
Dentine	D B1	REF 53 6091 1053	REF 53 6091 1055
Dentine	D B2	REF 53 6091 1063	REF 53 6091 1065
Dentine	D B3	REF 53 6091 1073	REF 53 6091 1075
Dentine	D B4	REF 53 6091 1083	REF 53 6091 1085
Dentine	D C1	REF 53 6091 1093	REF 53 6091 1095
Dentine	D C2	REF 53 6091 1103	REF 53 6091 1105
Dentine	D C3	REF 53 6091 1113	REF 53 6091 1115
Dentine	D C4	REF 53 6091 1123	REF 53 6091 1125
Dentine	D D2	REF 53 6091 1133	REF 53 6091 1135
Dentine	D D3	REF 53 6091 1143	REF 53 6091 1145
Dentine	D D4	REF 53 6091 1153	REF 53 6091 1155
Dentine	Bleach	REF 53 6091 1203	
Dentine	Gum 1	REF 53 6091 9003	
Dentine	Gum 2	REF 53 6091 9013	
Incisal	S 1	REF 53 6092 1503	REF 53 6092 1505
Incisal	S 2	REF 53 6092 1513	REF 53 6092 1515
Incisal	S 3	REF 53 6092 1523	REF 53 6092 1525
Incisal	S 4	REF 53 6092 1533	REF 53 6092 1535
Incisal	S 5	REF 53 6092 1543	REF 53 6092 1545
Incisal	S 6	REF 53 6092 1553	REF 53 6092 1555
Transpa Clear	TC	REF 53 6092 3003	REF 53 6092 3005
Add-On Porcelain	Final Kiss	REF 53 6093 7003	REF 53 6093 7005
Shoulder Porcelain	SM 1	REF 53 6094 1003	
Shoulder Porcelain	SM 2	REF 53 6094 1013	
Shoulder Porcelain	SM 3	REF 53 6094 1023	
Shoulder Porcelain	SM 4	REF 53 6094 1033	
Shoulder Porcelain	SM 5	REF 53 6094 1043	
Final Shoulder Porcelain	F SM 1	REF 53 6094 1053	
Final Shoulder Porcelain	F SM 2	REF 53 6094 1063	
Final Shoulder Porcelain	F SM 3	REF 53 6094 1073	
Final Shoulder Porcelain	F SM 4	REF 53 6094 1083	
Final Shoulder Porcelain	F SM 5	REF 53 6094 1093	
Power Chroma	PC 1	REF 53 6095 5003	
Power Chroma	PC 2	REF 53 6095 5013	REF 53 6095 5015
Power Chroma	PC 3	REF 53 6095 5023	REF 53 6095 5025
Power Chroma	PC 4	REF 53 6095 5033	REF 53 6095 5035
Power Chroma	PC 5	REF 53 6095 5043	REF 53 6095 5045
Power Chroma	PC 6	REF 53 6095 5053	
Flu Inside	Flu 1	REF 53 6091 7003	
Flu Inside	Flu 2	REF 53 6091 7053	
Opal Effect	OE Sunrise	REF 53 6092 7003	REF 53 6092 7005
Opal Effect	OE Sunset	REF 53 6092 7023	REF 53 6092 7025
Opal Effect	OE Sky	REF 53 6092 7033	REF 53 6092 7035
Opal Effect	OE Ocean	REF 53 6092 7043	REF 53 6092 7045
Opal Effect	OE Fog	REF 53 6092 7053	REF 53 6092 7055
Opal Incisal	OS 1	REF 53 6092 7503	REF 53 6092 7505
Opal Incisal	OS 2	REF 53 6092 7513	REF 53 6092 7515
White Surface	WS	REF 53 6092 3013	
Stand by		REF 53 6092 3023	REF 53 6092 3025
Neutral Paste		3 ml	REF 53 6090 3160



Content:

16x	20 g	Powder Opaque O A1 – D4
1x	20 g	Powder Opaque Bleach
1x	20 g	Powder Opaque Intensive Orange
1x	20 g	Powder Opaque Gum
1x	3 ml	Neutral Paste
16x	20 g	Dentine D A1 – D4
6x	20 g	Incisal S 1 – S 6
6x	20 g	Power Chroma PC 1 – 6
5x	20 g	Opal Effect OE Sunrise, Sky, Ocean, Sunset, Fog
2x	20 g	Flu Inside Flu 1 and 2
2x	20 g	Opal Incisal OS 1 and 2
1x	20 g	Stand by
1x	20 g	White Surface
1x	20 g	Add-On Porcelain Final Kiss
5x	20 g	Shoulder Porcelain SM 1 – 5
5x	20 g	Final Shoulder Porcelain F SM 1 – F SM 5
1x	20 g	Dentine Bleach
2x	20 g	Dentin Gum 1, 2
1x	20 g	Transpa
1x	50 ml	Ducera Liquid OCL universal
1x	15 ml	Carving Liquid Quick
1x	50 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Form
1x	2 ml	Paste Opaque Fluid
1x	2 ml	Stain Liquid
1		Kiss Towel Black
6x		Shade Indicator Opaque, Base, Opal, Shoulder, Power, Gingiva
1x		MagicOpaque Paste Opaque Brush
1x		MagicWizard Ceramic Brush
1x		Portioner

REF 53 6099 0132



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Starter Kit



Content:

6x	3 ml	Paste Opaque PO A2; A3; A3.5; B1; B3; D3
1x	3 ml	Paste Opaque Bleach
1x	3 ml	Paste Opaque Gum
1x	3 ml	Neutral Paste
6x	10 g	Dentine D A2, A3, A3.5, B1, B3, D3
1x	10 g	Dentine Bleach
1x	10 g	Dentine Gum
6x	10 g	Power Chroma PC 1-PC 6
4x	10 g	Incisal S 1-S 4
2x	10 g	Opal Incisal OS 1 and 2
2x	10 g	Opal Effect OE Ocean, Sunset
1x	10 g	Stand by
1x	10 g	White Surface
1x	10 g	Transpa
1x	10 g	Add-On Porcelain Final Kiss
1x	4 g	Glaze
2x	2 g	Stain Strato, Caramel
1x	15 ml	Carving Liquid Form
1x	15 ml	Carving Liquid SD
1x	2 ml	Paste Opaque Liquid
2x		Shade Indicator Starter Power, Starter Base + Opal
1x	2 ml	Stain Liquid
1x		Portioner
1x		Paste Opaque Brush

REF 53 6099 0141

Trial Kit



Content:

1x	10 g	Dentine D A2
2x	10 g	Opal Incisal OS 1 and 2
1x	10 g	Incisal S 2
1x	10 g	Stand by
1x	10 g	Opal Effect OE Ocean
1x	10 g	Add-On Final Kiss
1x	4 g	Glaze
1x	3 ml	Paste Opaque PO A2
1x	3 ml	Neutral Paste
1x	15 ml	Carving Liquid SD
1x	2 ml	Paste Opaque Liquid
1x		Paste Opaque Brush

REF 53 6099 0151

NE-Bonder

Refills	20 g	75 g
NE-Bonder	REF 53 6090 0503	REF 53 6090 0505



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

extreme Dentine Set

Refills		
20 g		
extreme Dentine	E0	REF 53 6091 1303
extreme Dentine	E6	REF 53 6091 1313
extreme Yellow spot		REF 53 6091 1323
extreme Red spot		REF 53 6091 1333
extreme Gray spot		REF 53 6091 1343
extreme Intensive spot		REF 53 6091 1353
3 ml		
extreme Paste Opaque	E0/E0,5	REF 53 6090 3170
extreme Paste Opaque	E5/E6	REF 53 6090 3180



Content:

- 2x 20 g Dentine E0, E6
- 4x 20 g extreme spot, Yellow, Red, Gray, Intensive
- 2x 3 ml Paste Opaque E0/0,5; E5/6
- 1x Turbo Ceramic Brush by Braunwarth

REF 53 6099 0521

Bleach Shades Kit

Refills		
20 g		
Dentine	Bleach BL1	REF 53 6091 1223
Dentine	Bleach BL2	REF 53 6091 1233
Dentine	Bleach BL3	REF 53 6091 1243
Dentine	Bleach BL4	REF 53 6091 1253
Incisal	Bleach BL1/BL2	REF 53 6092 1623
Incisal	Bleach BL3/BL4	REF 53 6092 1633
Shoulder Porcelain	Bleach	REF 53 6094 1223
3 ml		
Paste Opaque	Bleach BL1/BL2	REF 53 6090 1220
Paste Opaque	Bleach BL3/BL4	REF 53 6090 1230
15 ml		
Carving Liquid	SD	REF 53 6827 2053
Carving Liquid	Quick	REF 53 6827 2043



Content:

- 2x 3 ml Paste Opaque Bleach BL1/ BL2, BL3/ BL4
- 4x 20 g Dentine Bleach BL1, BL2, BL3, BL4
- 2x 20 g Incisal Bleach BL1/ BL2, BL3/ BL4
- 1x 20 g Shoulder Bleach
- 1x 15 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Quick
- 1x Paste Opaque Brush
- 1x Shade Indicator Bleach

REF 53 6099 0191



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Paste Opaque



Content:

16x	3 ml	Paste Opaque PO A1 – D4
1x	3 ml	Paste Opaque Bleach
1x	3 ml	Paste Opaque Gum
1x	3 ml	Paste Opaque Intensive Orange
1x	3 ml	Degunorm Classic Base
16x	20 g	Dentine D A1 – D4
1x	20 g	Dentine Bleach
2x	20 g	Dentine Gum 1– 2
6x	20 g	Power Chroma PC 1 – 6
2x	20 g	Flu Inside Flu 1– 2
6x	20 g	Incisal S 1 – 6
2x	20 g	Opal Incisal OS 1– 2
5x	20 g	Opal Effect OE Sunrise, Sunset, Sky, Ocean, Fog
1x	20 g	White Surface WS
1x	20 g	Stand by
1x	20 g	Transpa Clear TC
5x	20 g	Shoulder Porcelain SM 1 – 5
5x	20 g	Final Shoulder Porcelain F SM 1– 5
1x	20 g	Add-On Porcelain Final Kiss
1x	15 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Quick
1x	50 ml	Carving Liquid Form
1x	50 ml	Carving Liquid SD
2x	2 ml	Paste Opaque Liquid
6x		Shade Indicator
1x		Portioner
1x		MagicWizard Ceramic Brush
1x		MagicOpaque Paste Opaque Brush
1x		Kiss Towel Black

Refills			
3 ml			
Paste Opaque	PO A1	REF 53 6030 3000	
Paste Opaque	PO A2	REF 53 6030 3010	
Paste Opaque	PO A3	REF 53 6030 3020	
Paste Opaque	PO A3,5	REF 53 6030 3030	
Paste Opaque	PO A4	REF 53 6030 3040	
Paste Opaque	PO B1	REF 53 6030 3050	
Paste Opaque	PO B2	REF 53 6030 3060	
Paste Opaque	PO B3	REF 53 6030 3070	
Paste Opaque	PO B4	REF 53 6030 3080	
Paste Opaque	PO C1	REF 53 6030 3090	
Paste Opaque	PO C2	REF 53 6030 3100	
Paste Opaque	PO C3	REF 53 6030 3110	
Paste Opaque	PO C4	REF 53 6030 3120	
Paste Opaque	PO D2	REF 53 6030 3130	
Paste Opaque	PO D3	REF 53 6030 3140	
Paste Opaque	PO D4	REF 53 6030 3150	
Paste Opaque Intensive	Orange	REF 53 6030 3560	
Paste Opaque	Bleach	REF 53 6030 1200	
Paste Opaque	Gum	REF 53 6030 3200	
Degunorm® Classic Base		REF 53 6030 3160	
		20 g	75 g
Dentine	D A1	REF 53 6031 1003	
Dentine	D A2	REF 53 6031 1013	REF 53 6031 1015
Dentine	D A3	REF 53 6031 1023	REF 53 6031 1025
Dentine	D A3,5	REF 53 6031 1033	REF 53 6031 1035
Dentine	D A4	REF 53 6031 1043	
Dentine	D B1	REF 53 6031 1053	
Dentine	D B2	REF 53 6031 1063	REF 53 6031 1065
Dentine	D B3	REF 53 6031 1073	REF 53 6031 1075
Dentine	D B4	REF 53 6031 1083	
Dentine	D C1	REF 53 6031 1093	
Dentine	D C2	REF 53 6031 1103	REF 53 6031 1105
Dentine	D C3	REF 53 6031 1113	REF 53 6031 1115
Dentine	D C4	REF 53 6031 1123	
Dentine	D D2	REF 53 6031 1133	REF 53 6031 1135
Dentine	D D3	REF 53 6031 1143	REF 53 6031 1145
Dentine	D D4	REF 53 6031 1153	
Dentine	Bleach	REF 53 6031 1203	REF 53 6031 1205
Dentine	Gum 1	REF 53 6031 9003	
Dentine	Gum 2	REF 53 6031 9013	
Power Chroma	PC 1	REF 53 6035 5003	
Power Chroma	PC 2	REF 53 6035 5013	REF 53 6035 5015
Power Chroma	PC 3	REF 53 6035 5023	REF 53 6035 5025
Power Chroma	PC 4	REF 53 6035 5033	REF 53 6035 5035
Power Chroma	PC 5	REF 53 6035 5043	REF 53 6035 5045
Power Chroma	PC 6	REF 53 6035 5053	
Flu Inside	Flu 1	REF 53 6031 7003	
Flu Inside	Flu 2	REF 53 6031 7053	
Incisal	S 1	REF 53 6032 1503	REF 53 6032 1505
Incisal	S 2	REF 53 6032 1513	
Incisal	S 3	REF 53 6032 1523	REF 53 6032 1525
Incisal	S 4	REF 53 6032 1533	
Incisal	S 5	REF 53 6032 1543	REF 53 6032 1545
Incisal	S 6	REF 53 6032 1553	
Opal Incisal	OS 1	REF 53 6032 7503	REF 53 6032 7505
Opal Incisal	OS 2	REF 53 6032 7513	REF 53 6032 7515
Opal Effect	OE Sunrise	REF 53 6032 7003	REF 53 6032 7005
Opal Effect	OE Sunset	REF 53 6032 7023	REF 53 6032 7025
Opal Effect	OE Sky	REF 53 6032 7033	REF 53 6032 7035
Opal Effect	OE Ocean	REF 53 6032 7043	REF 53 6032 7045
Opal Effect	OE Fog	REF 53 6032 7053	REF 53 6032 7055
White Surface	WS	REF 53 6032 3013	
Stand by		REF 53 6032 3023	REF 53 6032 3025
Transpa Clear	TC	REF 53 6032 3003	REF 53 6032 3005
Shoulder Porcelain	SM 1	REF 53 6034 1003	
Shoulder Porcelain	SM 2	REF 53 6034 1013	
Shoulder Porcelain	SM 3	REF 53 6034 1023	
Shoulder Porcelain	SM 4	REF 53 6034 1033	
Shoulder Porcelain	SM 5	REF 53 6034 1043	
Final Shoulder Porcelain	F SM 1	REF 53 6034 1053	
Final Shoulder Porcelain	F SM 2	REF 53 6034 1063	
Final Shoulder Porcelain	F SM 3	REF 53 6034 1073	
Final Shoulder Porcelain	F SM 4	REF 53 6034 1083	
Final Shoulder Porcelain	F SM 5	REF 53 6034 1093	
Add-On Porcelain	Final Kiss	REF 53 6033 7003	

REF 53 6039 0131



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Trial Kit

Content:

- 1x 3 ml Paste Opaque PO A3
- 1x 20 g Dentine D A3
- 1x 20 g Power Chroma PC 2 + 5
- 1x 20 g Flu Inside Flu 2
- 1x 20 g Opal Effect OE Ocean
- 1x 20 g Stand by
- 1x 20 g Incisal S 3
- 1x 20 g Opal Incisal OS 2
- 1x 50 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Form
- 1x MagicOpaque Paste Opaque Brush

REF 53 6039 0100

extreme Dentine Kit

Refills		
20 g		
extreme Dentine	E0	REF 53 6031 1303
extreme Dentine	E6	REF 53 6031 1313
extreme Yellow spot		REF 53 6031 1323
extreme Red spot		REF 53 6031 1333
extreme Gray spot		REF 53 6031 1343
extreme Intensive spot		REF 53 6031 1353
3 ml		
extreme Paste Opaque	E0/E0,5	REF 53 6030 3170
extreme Paste Opaque	E5/E6	REF 53 6030 3180



Content:

- 2x 20g Dentine E0, E6
- 4x 20 g extreme spot, Yellow, Red, Gray, Intensive
- 2x 3 ml Paste Opaque E0/0,5; E5/6
- 1x Turbo Ceramic Brush by Braunwarth

REF 53 6039 0521

Bleach Shades Kit

Refills		
20 g		
Dentine	Bleach BL1	REF 53 6031 1233
Dentine	Bleach BL2	REF 53 6031 1243
Dentine	Bleach BL3	REF 53 6031 1253
Dentine	Bleach BL4	REF 53 6031 1263
Incisal	Bleach BL1/BL2	REF 53 6032 1623
Incisal	Bleach BL3/BL4	REF 53 6032 1633
Shoulder Porcelain	Bleach	REF 53 6034 1223
3 ml		
Paste Opaque	Bleach BL1/BL2	REF 53 6030 1220
Paste Opaque	Bleach BL3/BL4	REF 53 6030 1230



Content:

- 2x 3 ml Paste Opaque Bleach BL1/ BL2, BL3/ BL4
- 4x 20 g Dentine Bleach BL1, BL2, BL3, BL4
- 2x 20 g Incisal Bleach BL1/ BL2, BL3/ BL4
- 1x 20 g Shoulder Bleach
- 1x 15 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Quick
- 1x Paste Opaque Brush
- 1x Shade Indicator Bleach

REF 53 6039 0191



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Powder Opaque



Content:

1x	20 g	Ti-Bond
16x	20 g	Powder Opaque O A1 – O D4
2x	20 g	Powder Opaque Bleach, Gum
1x	20 g	Powder Opaque Intensive Orange
16x	20 g	Dentine D A1 – D D4
1x	20 g	Dentine Bleach
2x	20 g	Dentine Gum 1, 2
2x	20 g	Flu Inside Flu 1, 2
6x	20 g	Incisal S 1 – 6
2x	20 g	Opal Incisal OS 1, 2
5x	20 g	Opal Effect OE Sunrise, Sunset, Sky, Ocean, Fog
1x	20 g	White Surface
1x	20 g	Stand by
1x	20 g	Transpa Clear
6x	20 g	Power Chroma PC 1 – 6
5x	20 g	Shoulder Porcelain SM 1 – 5
5x	20 g	Final Shoulder Porcelain F SM 1 – 5
1x	20 g	Add-On Porcelain Final Kiss
1x	20 g	Glaze
8x	4 g	Stain Amber, Strato, Caramel, Dark Brown, Ivory, Peach, Taiga, White
1x	15 ml	Carving Liquid Quick
1x	50 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Form
1x	50 ml	Ducera Liquid OCL universal
2x	2 ml	Stain Liquid
6x		Shade Indicator Opaque, Shoulder, Base, Power, Opal, Gingiva
1x		MagicWizard Ceramic Brush, fin. Kolinsky
1x		Modeling Brush
1x		Portioner
1x		Kiss Towel Black

Refills		
		20 g
Bonder		REF 53 6410 0503
Powder Opaque Intensive	Orange	REF 53 6410 0523
Powder Opaque	O A1	REF 53 6410 1003
Powder Opaque	O A2	REF 53 6410 1013
Powder Opaque	O A3	REF 53 6410 1023
Pulveropaker	O A3,5	REF 53 6410 1033
Powder Opaque	O A4	REF 53 6410 1043
Powder Opaque	O B1	REF 53 6410 1053
Powder Opaque	O B2	REF 53 6410 1063
Powder Opaque	O B3	REF 53 6410 1073
Powder Opaque	O B4	REF 53 6410 1083
Powder Opaque	O C1	REF 53 6410 1093
Powder Opaque	O C2	REF 53 6410 1103
Powder Opaque	O C3	REF 53 6410 1113
Powder Opaque	O C4	REF 53 6410 1123
Powder Opaque	O D2	REF 53 6410 1133
Powder Opaque	O D3	REF 53 6410 1143
Powder Opaque	O D4	REF 53 6410 1153
Powder Opaque	Bleach	REF 53 6410 1203
Powder Opaque	Gum	REF 53 6410 9003
Dentine	D A1	REF 53 6411 1003
Dentine	D A2	REF 53 6411 1013
Dentine	D A3	REF 53 6411 1023
Dentine	D A3,5	REF 53 6411 1033
Dentine	D A4	REF 53 6411 1043
Dentine	D B1	REF 53 6411 1053
Dentine	D B2	REF 53 6411 1063
Dentine	D B3	REF 53 6411 1073
Dentine	D B4	REF 53 6411 1083
Dentine	D C1	REF 53 6411 1093
Dentine	D C2	REF 53 6411 1103
Dentine	D C3	REF 53 6411 1113
Dentine	D C4	REF 53 6411 1123
Dentine	D D2	REF 53 6411 1133
Dentine	D D3	REF 53 6411 1143
Dentine	D D4	REF 53 6411 1153
Dentine	Bleach	REF 53 6411 1203
Dentine	Gum 1	REF 53 6411 9003
Dentine	Gum 2	REF 53 6411 9013
Flu Inside	Flu 1	REF 53 6411 7003
Flu Inside	Flu 2	REF 53 6411 7053
Incisal	S 1	REF 53 6412 1503
Incisal	S 2	REF 53 6412 1513
Incisal	S 3	REF 53 6412 1523
Incisal	S 4	REF 53 6412 1533
Incisal	S 5	REF 53 6412 1543
Incisal	S 6	REF 53 6412 1553
Transpa Clear	TC	REF 53 6412 3003
White Surface	WS	REF 53 6412 3013
Stand by		REF 53 6412 3023
Opal Effect	Sunrise	REF 53 6412 7003
Opal Effect	Sunset	REF 53 6412 7023
Opal Effect	Sky	REF 53 6412 7033
Opal Effect	Ocean	REF 53 6412 7043
Opal Effect	Fog	REF 53 6412 7053
Shoulder Porcelain	OS 1	REF 53 6412 7503
Shoulder Porcelain	OS 2	REF 53 6412 7513
Add-on Porcelain	Final Kiss	REF 53 6413 7003
Shoulder Porcelain	SM 1	REF 53 6414 1003
Shoulder Porcelain	SM 2	REF 53 6414 1013
Shoulder Porcelain	SM 3	REF 53 6414 1023
Shoulder Porcelain	SM 4	REF 53 6414 1033
Shoulder Porcelain	SM 5	REF 53 6414 1043
Final Shoulder Porcelain	F SM 1	REF 53 6414 1053
Final Shoulder Porcelain	F SM 2	REF 53 6414 1063
Final Shoulder Porcelain	F SM 3	REF 53 6414 1073
Final Shoulder Porcelain	F SM 4	REF 53 6414 1083
Final Shoulder Porcelain	F SM 5	REF 53 6414 1093



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Complete Assortment with Powder Opaque

Power Chroma	PC 1	REF 53 6415 5003
Power Chroma	PC 2	REF 53 6415 5013
Power Chroma	PC 3	REF 53 6415 5023
Power Chroma	PC 4	REF 53 6415 5033
Power Chroma	PC 5	REF 53 6415 5043
Power Chroma	PC 6	REF 53 6415 5053
Glasur		REF 53 6416 3503
		4 g
Stain	White	REF 53 6416 1511
Stain	Strato	REF 53 6416 1521
Stain	Taiga	REF 53 6416 1551
Stain	Dark Brown	REF 53 6416 1561
Stain	Ivory	REF 53 6416 1621
Stain	Peach	REF 53 6416 1631
Stain	Caramel	REF 53 6416 1641
Stain	Amber	REF 53 6416 1651

REF 53 6419 0132

Trial Kit with Powder Opaque



Content:

1x	10 g	Bonder
1x	10 g	Powder Opaque O A3
1x	10 g	Dentine O A3
1x	10 g	Incisal 3
1x	10 g	Opal Effect Ocean
1x	10 g	Opal Incisal 1
1x	10 g	Opal Incisal 2
1x	10 g	Add-On Porcelain Final Kiss
1x	4 g	Glaze
1x	15 ml	Carving Liquid SD
1x	15 ml	Ducera Liquid OCL universal
1x		Ceramic Brush OccluSpeed

REF 53 6419 0151

Starter Kit with Powder Opaque

Content:

1x	10 g	Bonder
8x	10 g	Powder Opaque O A2, O A3, O A3.5, O B2, O B3, O D3, Bleach, Gum
7x	10 g	Dentine D A2, A3, A3.5, B2, B3, D3, Bleach, Gum 1
4x	10 g	Incisal S 1 – 4
6x	10 g	Power Chroma PC 1 – 6
2x	10 g	Opal Effect OE Sunset, Ocean
2x	10 g	Opal Incisal OS 1, 2
1x	10 g	Stand by
1x	10 g	White Surface
1x	10 g	Transpa Clear
1x	10 g	Add-On Porcelain Final Kiss
1x	4 g	Glaze
2x	4 g	Stain Strato, Caramel
1x	15 ml	Carving Liquid SD
1x	15 ml	Ducera Liquid OCL universal
2x	2 ml	Stain Liquid
2x		Shade Indicator Starter Power, Starter Base + Opal
1x		Ceramic Brush OccluSpeed
1x		Portioner



REF 53 6419 0141



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Stain Kit, large



Content:

- 15x 4 g Stain Liquid White; Yellow; Orange; Strato; Mango; Apricot; Ivory; Peach; Caramel; Amber; Taiga; Terra; Dark Brown; Gray; Black
- 9x 4 g Body Stain 1 – 9
- 1x 12 g Glaze
- 1x 15 ml Duceratin Liquid Stain improved
- 1x Shade Indicator

Refills		
4 g		
Stain	White	REF 53 6416 1511
Stain	Strato	REF 53 6416 1521
Stain	Apricot	REF 53 6416 1531
Stain	Taiga	REF 53 6416 1551
Stain	Dark Brown	REF 53 6416 1561
Stain	Gray	REF 53 6416 1571
Stain	Yellow	REF 53 6416 1581
Stain	Orange	REF 53 6416 1591
Stain	Mango	REF 53 6416 1611
Stain	Ivory	REF 53 6416 1621
Stain	Peach	REF 53 6416 1631
Stain	Caramel	REF 53 6416 1641
Stain	Amber	REF 53 6416 1651
Stain	Terra	REF 53 6416 1661
Stain	Schwarz	REF 53 6416 1671
Body Stain	1	REF 53 6416 1811
Body Stain	2	REF 53 6416 1821
Body Stain	3	REF 53 6416 1831
Body Stain	4	REF 53 6416 1841
Body Stain	5	REF 53 6416 1851
Body Stain	6	REF 53 6416 1861
Body Stain	7	REF 53 6416 1871
Body Stain	8	REF 53 6416 1881
Body Stain	9	REF 53 6416 1891

REF 53 6419 0113

extreme Dentine Kit



Content:

- 2x 20 g Powder Opaque E0/E0,5 E5/6
- 2x 20 g Dentine E0, E6
- 4x 20 g Extreme Spot, Yellow, Red, Gray, Intensive
- 1x Turbo Ceramic Brush by Braunwarth

Refills		
20 g		
extreme Powder Opaque	E0/E0,5	REF 53 6410 3170
extreme Powder Opaque	E5/E6	REF 53 6410 3180
extreme Dentine	E0	REF 53 6411 1303
extreme Dentine	E6	REF 53 6411 1313
extreme Yellow spot		REF 53 6411 1323
extreme Red spot		REF 53 6411 1333
extreme Gray spot		REF 53 6411 1343
extreme Intensive spot		REF 53 6411 1353

REF 53 6419 0521



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Duceram® Plus metal ceramics is a consistent improvement of the Duceram® metal ceramics clinically and aesthetically proven in the dental laboratory since 1985. When working with Duceram® Plus, you can rely on components that combine perfect harmony and easy handling. Duceram® Plus is offered in convenient sets designed for individual requirements or as single components.

Advantages:

- Problem-free application to all low expansion alloys with CTE values between 13.8 and 15.4 $\mu\text{m}/\text{m}\cdot\text{K}$
- Excellent aesthetics in translucency, opalescence and fluorescence
- Flexible, controllable opaque temperatures (e.g. reducing firing temperatures by using the neutral)
- Stable shades even in combination with lowprice high-silver alloys
- High stability in layering, easy to model and easy to sculpt
- Low firing shrinkage
- Smooth, homogeneous surface

Powder Opaque Kit

Refills		20 g	75 g
Powder Opaque	O A1	REF 53 6100 1003	REF 53 6100 1005
Powder Opaque	O A2	REF 53 6100 1013	REF 53 6100 1015
Powder Opaque	O A3	REF 53 6100 1023	REF 53 6100 1025
Powder Opaque	O A3,5	REF 53 6100 1033	REF 53 6100 1035
Powder Opaque	O A4	REF 53 6100 1043	REF 53 6100 1045
Powder Opaque	O B1	REF 53 6100 1053	REF 53 6100 1055
Powder Opaque	O B2	REF 53 6100 1063	REF 53 6100 1065
Powder Opaque	O B3	REF 53 6100 1073	REF 53 6100 1075
Powder Opaque	O B4	REF 53 6100 1083	REF 53 6100 1085
Powder Opaque	O C1	REF 53 6100 1093	
Powder Opaque	O C2	REF 53 6100 1103	REF 53 6100 1105
Powder Opaque	O C3	REF 53 6100 1113	REF 53 6100 1115
Powder Opaque	O C4	REF 53 6100 1123	REF 53 6100 1125
Powder Opaque	O D2	REF 53 6100 1133	REF 53 6100 1135
Powder Opaque	O D3	REF 53 6100 1143	REF 53 6100 1145
Powder Opaque	O D4	REF 53 6100 1153	REF 53 6100 1155
Powder Opaque	Gum	REF 53 6100 9003	
Powder Opaque Intensive	White	REF 53 6100 4003	
Powder Opaque Intensive	Yellow	REF 53 6100 4013	
Powder Opaque Intensive	Orange	REF 53 6100 4023	
Powder Opaque Intensive	Violett	REF 53 6100 4043	
Powder Opaque Intensive	Brown	REF 53 6100 4053	
Powder Opaque Intensive	Gray	REF 53 6100 4063	



Content:

16x	20 g	Powder Opaque O A1 – D4
6x	20 g	Powder Opaque Intensive
1x	20 g	Powder Opaque Gum
1x	50 ml	Ducera Liquid OCL universal
1x		Shade Indicator

REF 53 6109 0011



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Duceram® Plus

Paste Opaque Kit



Content:

16x	2 ml	Paste Opaque PO A1 – D4
6x	2 ml	Paste Opaque Intensive
1x	2 ml	Paste Opaque Neutral
1x	2 ml	Paste Opaque Gum
2x	2 ml	Paste Opaque Fluid
2x		Paste Opaque Brush
1x		Shade Indicator

Refills		
2 ml		
Paste Opaque	PO A1	REF 53 6100 3000
Paste Opaque	PO A2	REF 53 6100 3010
Paste Opaque	PO A3	REF 53 6100 3020
Paste Opaque	PO A3,5	REF 53 6100 3030
Paste Opaque	PO A4	REF 53 6100 3040
Paste Opaque	PO B1	REF 53 6100 3050
Paste Opaque	PO B2	REF 53 6100 3060
Paste Opaque	PO B3	REF 53 6100 3070
Paste Opaque	PO B4	REF 53 6100 3080
Paste Opaque	PO C1	REF 53 6100 3090
Paste Opaque	PO C2	REF 53 6100 3100
Paste Opaque	PO C3	REF 53 6100 3110
Paste Opaque	PO C4	REF 53 6100 3120
Paste Opaque	PO D2	REF 53 6100 3130
Paste Opaque	PO D3	REF 53 6100 3140
Paste Opaque	PO D4	REF 53 6100 3150
Paste Opaque	Gum	REF 53 6100 3200
Paste Opaque Intensive	White	REF 53 6100 4510
Paste Opaque Intensive	Yellow	REF 53 6100 4520
Paste Opaque Intensive	Orange	REF 53 6100 4530
Paste Opaque Intensive	Violett	REF 53 6100 4550
Paste Opaque Intensive	Brown	REF 53 6100 4560
Paste Opaque Intensive	Gray	REF 53 6100 4570
Neutal Paste		REF 53 6100 3160

REF 53 6109 0021

Shoulder Porcelain Kit



Content:

7x	20 g	Shoulder Porcelain SM 1 – 7
1x	20 g	Shoulder Porcelain SM Flu
1x	50 ml	Carving Liquid Quick
1x		Shade Indicator

Refills		
20 g		
Shoulder Porcelain	SM 1	REF 53 6154 1003
Shoulder Porcelain	SM 2	REF 53 6154 1013
Shoulder Porcelain	SM 3	REF 53 6154 1023
Shoulder Porcelain	SM 4	REF 53 6154 1033
Shoulder Porcelain	SM 5	REF 53 6154 1043
Shoulder Porcelain	SM 6	REF 53 6154 1053
Shoulder Porcelain	SM 7	REF 53 6154 1063
Shoulder Porcelain	SM Flu	REF 53 6154 2013

REF 53 6159 0101



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Chroma Dentine Kit

Refills		20 g	75 g
Chroma Dentine	CD A1	REF 53 6101 3003	REF 53 6101 3005
Chroma Dentine	CD A2	REF 53 6101 3013	REF 53 6101 3015
Chroma Dentine	CD A3	REF 53 6101 3023	REF 53 6101 3025
Chroma Dentine	CD A3,5	REF 53 6101 3033	REF 53 6101 3035
Chroma Dentine	CD A4	REF 53 6101 3043	REF 53 6101 3045
Chroma Dentine	CD B1	REF 53 6101 3053	REF 53 6101 3055
Chroma Dentine	CD B2	REF 53 6101 3063	REF 53 6101 3065
Chroma Dentine	CD B3	REF 53 6101 3073	REF 53 6101 3075
Chroma Dentine	CD B4	REF 53 6101 3083	REF 53 6101 3085
Chroma Dentine	CD C1	REF 53 6101 3093	REF 53 6101 3095
Chroma Dentine	CD C2	REF 53 6101 3103	REF 53 6101 3105
Chroma Dentine	CD C3	REF 53 6101 3113	REF 53 6101 3115
Chroma Dentine	CD C4	REF 53 6101 3123	REF 53 6101 3125
Chroma Dentine	CD D2	REF 53 6101 3133	REF 53 6101 3135
Chroma Dentine	CD D3	REF 53 6101 3143	REF 53 6101 3145
Chroma Dentine	CD D4	REF 53 6101 3153	REF 53 6101 3155



Content:
 16x 20 g Chroma Dentine CD A1 – D4
 1x 50 ml Carving Liquid SD
 1x Shade Indicator

REF 53 6109 0081

Dentine Kit

Refills		20 g	75 g
Dentine	D A1	REF 53 6101 1003	REF 53 6101 1005
Dentine	D A2	REF 53 6101 1013	REF 53 6101 1015
Dentine	D A3	REF 53 6101 1023	REF 53 6101 1025
Dentine	D A3,5	REF 53 6101 1033	REF 53 6101 1035
Dentine	D A4	REF 53 6101 1043	REF 53 6101 1045
Dentine	D B1	REF 53 6101 1053	REF 53 6101 1055
Dentine	D B2	REF 53 6101 1063	REF 53 6101 1065
Dentine	D B3	REF 53 6101 1073	REF 53 6101 1075
Dentine	D B4	REF 53 6101 1083	REF 53 6101 1085
Dentine	D C1	REF 53 6101 1093	REF 53 6101 1095
Dentine	D C2	REF 53 6101 1103	REF 53 6101 1105
Dentine	D C3	REF 53 6101 1113	REF 53 6101 1115
Dentine	D C4	REF 53 6101 1123	REF 53 6101 1125
Dentine	D D2	REF 53 6101 1133	REF 53 6101 1135
Dentine	D D3	REF 53 6101 1143	REF 53 6101 1145
Dentine	D D4	REF 53 6101 1153	REF 53 6101 1155
3D-Dentine	3D A	REF 53 6101 4003	
3D-Dentine	3D B	REF 53 6101 4053	REF 53 6101 4055
3D-Dentine	3D C	REF 53 6101 4103	REF 53 6101 4105



Content:
 16x 20 g Dentine D A1 – D4
 3x 20 g 3D-Dentine 3D A – C
 1x 50 ml Carving Liquid SD
 1x Shade Indicator

REF 53 6109 0041



see: Shade Indicator page 67, 68
 see: Carving Liquid page 70

Duceram® Plus

Professional Kit



Content:

4x	20 g	Opal Incisal OS 1 – 4
5x	20 g	Opal Incisal OS 10 – 50
4x	20 g	Flu-Dentine
10x	20 g	Modifier
1x	50 ml	Carving Liquid SD
1x		Shade Indicator

Refills		
20 g		
Opal Incisal	OS 1	REF 53 6102 5803
Opal Incisal	OS 2	REF 53 6102 5813
Opal Incisal	OS 3	REF 53 6102 5823
Opal Incisal	OS 4	REF 53 6102 5833
Opal Incisal	OS 10	REF 53 6102 5023
Opal Incisal	OS 10B	REF 53 6102 5033
Opal Incisal	OS 10G	REF 53 6102 5043
Opal Incisal	OS 15	REF 53 6102 5053
Opal Incisal	OS 50	REF 53 6102 5433
Flu-Dentine	Orange	REF 53 6101 5053
Flu-Dentine	Sunny	REF 53 6101 6003
Flu-Dentine	Bright	REF 53 6101 6103
Flu-Dentine	Creme	REF 53 6101 6153
Modifier	Flamingo	REF 53 6105 5003
Modifier	Bambus	REF 53 6105 5013
Modifier	Ivory	REF 53 6105 5023
Modifier	Creme	REF 53 6105 5033
Modifier	Solaris	REF 53 6105 5043
Modifier	Peach	REF 53 6105 5053
Modifier	Mango	REF 53 6105 5063
Modifier	Caramel	REF 53 6105 5073
Modifier	Pearl	REF 53 6105 5083
Modifier	Safari	REF 53 6105 5093

REF 53 6109 0071

Incisal Kit



Content:

6x	20 g	Incisal S 1 – 6
3x	20 g	Creative Incisal Reddish; Blueish; Yellowish
3x	20 g	Transpa T; TC; TO
2x	20 g	Dentine Gum 2; Gum 4
1x	20 g	Add-On Porcelain
1x	20 g	Glaze
1x	50 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Form
1x	15 ml	Ducera Liquid Stain improved
1x		Shade Indicator

Refills			
		20 g	75 g
Incisal	S 1	REF 53 6102 1003	REF 53 6102 1005
Incisal	S 2	REF 53 6102 1013	REF 53 6102 1015
Incisal	S 3	REF 53 6102 1023	REF 53 6102 1025
Incisal	S 4	REF 53 6102 1033	REF 53 6102 1035
Incisal	S 5	REF 53 6102 1043	REF 53 6102 1045
Incisal	S 6	REF 53 6102 1053	REF 53 6102 1055
Creative Incisal	Blueish	REF 53 6102 2003	REF 53 6102 2005
Creative Incisal	Yellowish	REF 53 6102 2013	REF 53 6102 2015
Creative Incisal	Reddish	REF 53 6102 2023	REF 53 6102 2025
Transpa	T	REF 53 6102 3023	REF 53 6102 3025
Transpa Clear	TC	REF 53 6102 3003	REF 53 6102 3005
Transpa Opal	TO	REF 53 6102 3013	REF 53 6102 3015
Dentine	Gum 2	REF 53 6101 9013	
Dentine	Gum 4	REF 53 6101 9033	
Add-on Porcelain		REF 53 6103 7003	REF 53 6103 7005
Glaze		REF 53 6106 3003	REF 53 6106 3005

REF 53 6109 0051



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Bleach Shades Set

Refills			
		20 g	75 g
Dentine Bleach	1	REF 53 6101 1203	
Dentine Bleach	2	REF 53 6101 1213	
Dentine Bleach	3	REF 53 6101 1223	
Transpa Opal	TO	REF 53 6102 3013	REF 53 6102 3015
Shoulder Porcelain	Bleach	REF 53 6104 1203	
		2 ml	
Paste Opaque	Bleach	REF 53 6100 1200	



Content:

- 3x 20 g Dentine Bleach 1, 2, 3
- 1x 20 g Shoulder Porcelain Bleach
- 1x 2 ml Paste Opaque Bleach
- 1x 20 g Transpa TO
- 1x 15 ml Carving Liquid Form
- 1x 15 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Quick
- 1x Paste Opaque Brush
- 1x Shade Indicator

REF 53 6109 0091

Gum Shades Set

Refills		
		20 g
Dentine	Gum 1	REF 53 6101 9003
Dentine	Gum 2	REF 53 6101 9013
Dentine	Gum 3	REF 53 6101 9023
Dentine	Gum 4	REF 53 6101 9033
Dentine	Gum 5	REF 53 6101 9043
		2 ml
Paste Opaque	Gum	REF 53 6100 3200



Content:

- 5x 20 g Dentine Gum 1 – 5
- 1x 2 ml Paste Opaque Gum
- 1x 15 ml Carving Liquid SD
- 1x 15 ml Carving Liquid Form
- 1x Paste Opaque Brush
- 1x Shade Indicator

REF 53 6109 0121



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Low Fusing Ceramic LFC

LFC combines the exceptional material properties of hydrothermal porcelains with natural aesthetics. Due to its unique properties, LFC opens up a completely new range of applications such as:

- Exact fitting inlays, onlays and veneers which can be fired directly on to the master model
- Relining and smoothing of porcelain margins after the glaze firing
- Shape and shade corrections, even after postbake solderings
- Repairs and corrections of crowns and bridges, for example damaged cervical margins, chipping etc.

LFC Repair Kit



Content:

5x	12g	LFC Opaque O Ivory, Banana, Peach, Amber, Taiga
8x	12g	LFC Dentine D A1, A2, A3, A3.5, B1, B2, B3, D3
5x	12g	LFC Modifier Flamingo, Bambus, Pearl, Solaris, Orange
1x	12g	LFC Gingiva G
4x	12g	LFC Incisal S 57, S 58, S 59, S 60
1x	12g	LFC Transpa-Clear TC
4x	12g	LFC Opal Incisal 10, 10B, 10G, 50
1x		Shade Indicator LFC Secondary Dentine, Incisal, Opal
1x		Shade Indicator LFC Opaque, Dentine

Refills

		12 g
Powder Opaque	O Ivory	REF 53 6020 1002
Powder Opaque	O Banana	REF 53 6020 1012
Powder Opaque	O Peach	REF 53 6020 1022
Powder Opaque	O Amber	REF 53 6020 1032
Powder Opaque	O Taiga	REF 53 6020 1042
Dentine	D A1	REF 53 6021 1002
Dentine	D A2	REF 53 6021 1012
Dentine	D A3	REF 53 6021 1022
Dentine	D A3,5	REF 53 6021 1032
Dentine	D B1	REF 53 6021 1052
Dentine	D B2	REF 53 6021 1062
Dentine	D B3	REF 53 6021 1072
Dentine	D D2	REF 53 6021 1132
Dentine	D D3	REF 53 6021 1142
Dentine	D D4	REF 53 6021 1152
LFC Modifier	Flamingo	REF 53 6021 9002
LFC Modifier	Bambus	REF 53 6021 9012
LFC Modifier	Pearl	REF 53 6021 9022
LFC Modifier	Solaris	REF 53 6021 9042
LFC Modifier	Orange	REF 53 6021 9082
LFC Gingiva	G	REF 53 6023 5002
Incisal	S 57	REF 53 6022 1502
Incisal	S 58	REF 53 6022 1512
Incisal	S 59	REF 53 6022 1522
Incisal	S 60	REF 53 6022 1532
Transpa Clear	TC	REF 53 6022 3002
Opal Incisal	OS 10	REF 53 6022 5022
Opal Incisal	OS 10B	REF 53 6022 5032
Opal Incisal	OS 10G	REF 53 6022 5042
Opal Incisal	OS 50	REF 53 6022 5432

REF 53 6029 0231



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Shoulder Porcelain Kit

Refills		
20 g		
Shoulder Porcelain	SML 1	REF 53 6024 1003
Shoulder Porcelain	SML 2	REF 53 6024 1013
Shoulder Porcelain	SML 3	REF 53 6024 1023
Shoulder Porcelain	SML 4	REF 53 6024 1033
Shoulder Porcelain	SML 5	REF 53 6024 1043
Shoulder Porcelain	SML 6	REF 53 6024 1053
Shoulder Porcelain	SML 7	REF 53 6024 1063
Shoulder Porcelain	SML Flu	REF 53 6024 2013
10 ml		
Isolation	SEP	REF 53 6827 3512



Content:

7x	20 g	Shoulder Porcelain SML 1 – 7
1x	20 g	Shoulder Porcelain SML Flu
1x	50 ml	Carving Liquid Quick
1x		Shade Indicator SM-Low
1x	10 ml	Isolation SEP

REF 53 6159 0111

Stain Kit, large

Refills		
4 g		
LFC Stain	White	REF 53 6026 1001
LFC Stain	Yellow	REF 53 6026 1011
LFC Stain	Orange	REF 53 6026 1021
LFC Stain	Strato	REF 53 6026 1051
LFC Stain	Honey	REF 53 6026 1091
LFC Stain	Mango	REF 53 6026 1101
LFC Stain	Apricot	REF 53 6026 1111
LFC Stain	Ivory	REF 53 6026 1121
LFC Stain	Peach	REF 53 6026 1151
LFC Stain	Caramel	REF 53 6026 1161
LFC Stain	Amber	REF 53 6026 1171
LFC Stain	Taiga	REF 53 6026 1181
LFC Stain	Terra	REF 53 6026 1191
LFC Stain	Dark Brown	REF 53 6026 1211
LFC Stain	Black	REF 53 6026 1221
LFC Stain	Gray	REF 53 6026 1231
Body Stain	1	REF 53 6026 1301
Body Stain	2	REF 53 6026 1311
Body Stain	3	REF 53 6026 1321
Body Stain	4	REF 53 6026 1331
Body Stain	5	REF 53 6026 1341
Body Stain	6	REF 53 6026 1351
Body Stain	7	REF 53 6026 1361
Body Stain	8	REF 53 6026 1371
Body Stain	9	REF 53 6026 1381
12 g		
Glaze		REF 53 6026 3002



Content:

16x	4 g	Stain White, Yellow, Orange, Strato, Honey, Mango, Apricot, Ivory, Peach, Caramel, Amber, Taiga, Terra, Dark Brown, Gray, Black
9x	4 g	Body Stain 1 – 9
1x	12 g	Glaze
1x	15 ml	Ducera Liquid Stain improved
1x		Shade Indicator Stain Set

REF 53 6029 0113



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

AllCeram® is a veneering ceramic for fabricating biocompatible, aesthetic facings for aluminium oxide frameworks. This material can be processed easily and its multiple options provide for a wide range of indications.

Powder Liner Kit



Content:

- 16x 20 g Powder Liner L A1 – D4
- 6x 20 g Powder Liner Intensive White; Yellow; Orange; Violet; Brown; Gray
- 1x 20 g Powder Opaque Gum
- 1x 50 ml Ducera Liquid OCL universal
- 1x Shade Indicator

Refills		
20 g		
Powder Liner	L A1	REF 53 6130 8003
Powder Liner	L A2	REF 53 6130 8013
Powder Liner	L A3	REF 53 6130 8023
Powder Liner	L A3,5	REF 53 6130 8033
Powder Liner	L A4	REF 53 6130 8043
Powder Liner	L B1	REF 53 6130 8053
Powder Liner	L B2	REF 53 6130 8063
Powder Liner	L B3	REF 53 6130 8073
Powder Liner	L B4	REF 53 6130 8083
Powder Liner	L C1	REF 53 6130 8093v
Powder Liner	L C2	REF 53 6130 8103
Powder Liner	L C3	REF 53 6130 8113
Powder Liner	L C4	REF 53 6130 8123
Powder Liner	L D2	REF 53 6130 8133
Powder Liner	L D3	REF 53 6130 8143
Powder Liner	L D4	REF 53 6130 8153
Powder Liner	Gum	REF 53 6130 9003
Powder Liner Intensive	White	REF 53 6133 2003
Powder Liner Intensive	Yellow	REF 53 6133 2013
Powder Liner Intensive	Orange	REF 53 6133 2023
Powder Liner Intensive	Violet	REF 53 6133 2043
Powder Liner Intensive	Brown	REF 53 6133 2053
Powder Liner Intensive	Gray	REF 53 6133 2063

REF 53 6139 0141

Shoulder Porcelain Kit

Refills		
20 g		
Shoulder Porcelain	SM 1	REF 53 6134 1003
Shoulder Porcelain	SM 2	REF 53 6134 1013
Shoulder Porcelain	SM 3	REF 53 6134 1023
Shoulder Porcelain	SM 4	REF 53 6134 1033
Shoulder Porcelain	SM 5	REF 53 6134 1043
Shoulder Porcelain	SM 6	REF 53 6134 1053
Shoulder Porcelain	SM 7	REF 53 6134 1063
Shoulder Porcelain	SM Flu	REF 53 6134 2013



Content:

- 7x 20 g Shoulder Porcelain SM 1 – 7
- 1x 20 g Shoulder Porcelain SM Flu
- 1x 50 ml Carving Liquid Quick
- 1x Shade Indicator

REF 53 6139 0131

Dentine Kit

Refills		
20 g		
Dentine	D A1	REF 53 6131 1003
Dentine	D A2	REF 53 6131 1013
Dentine	D A3	REF 53 6131 1023
Dentine	D A3,5	REF 53 6131 1033
Dentine	D A4	REF 53 6131 1043
Dentine	D B1	REF 53 6131 1053
Dentine	D B2	REF 53 6131 1063
Dentine	D B3	REF 53 6131 1073
Dentine	D B4	REF 53 6131 1083
Dentine	D C1	REF 53 6131 1093
Dentine	D C2	REF 53 6131 1103
Dentine	D C3	REF 53 6131 1113
Dentine	D C4	REF 53 6131 1123
Dentine	D D2	REF 53 6131 1133
Dentine	D D3	REF 53 6131 1143
Dentine	D D4	REF 53 6131 1153

**Content:**

16x 20 g Dentine D A1 – D4
 1x 50 ml Carving Liquid SD
 1x Shade Indicator

REF 53 6139 0041

Professional Kit

Refills		
20 g		
Flu-Dentine	Sunny	REF 53 6131 6003
Flu-Dentine	Orange	REF 53 6131 6053
Flu-Dentine	Bright	REF 53 6131 6103
Flu-Dentine	Creme	REF 53 6131 6153
Opal Incisal	OS 10	REF 53 6132 5023
Opal Incisal	OS 10B	REF 53 6132 5033
Opal Incisal	OS 10G	REF 53 6132 5043
Opal Incisal	OS 15	REF 53 6132 5053
Opal Incisal	OS 50	REF 53 6132 5433
Modifier	White	REF 53 6135 5003
Modifier	Bambus	REF 53 6135 5013
Modifier	Orange	REF 53 6135 5023
Modifier	Creme	REF 53 6135 5033
Modifier	Solaris	REF 53 6135 5043
Modifier	Strato	REF 53 6135 5053
Modifier	Flamingo	REF 53 6135 5083
Modifier	Ivory	REF 53 6135 5123
Modifier	Banana	REF 53 6135 5133
Modifier	Peach	REF 53 6135 5153
Modifier	Caramel	REF 53 6135 5163
Modifier	Taiga	REF 53 6135 5183
Modifier	Pearl	REF 53 6135 5263

**Content:**

13x 20 g Modifier
 5x 20 g Opal Incisal OS 10 – 50
 4x 20 g Flu-Dentine
 1x 50 ml Carving Liquid SD
 1x Shade Indicator Professional

REF 53 6139 0071



see: Shade Indicator page 67, 68
 see: Carving Liquid page 70

Light Dynamic Kit



Content:

- 11x 20 g True Opal Incisal TOS 5–60
- 4x 20 g Twin-Dentine TD 1 – 4
- 4x 20 g Brightbody Flu BBF 1 – 4
- 1x 50 ml Carving Liquid SD
- 1x Shade Indicator Light Dynamic

REF 53 6139 0111

Refills		
20 g		
Twin-Dentine	TD 1	REF 53 6131 5003
Twin-Dentine	TD 2	REF 53 6131 5013
Twin-Dentine	TD 3	REF 53 6131 5023
Twin-Dentine	TD 4	REF 53 6131 5033
Brightbody Flu	BBF 1	REF 53 6130 7003
Brightbody Flu	BBF 2	REF 53 6130 7013
Brightbody Flu	BBF 3	REF 53 6130 7023
Brightbody Flu	BBF 4	REF 53 6130 7033
True Opal Incisal	TOS 05	REF 53 6132 7003
True Opal Incisal	TOS 5G	REF 53 6132 7013
True Opal Incisal	TOS 10	REF 53 6132 7023
True Opal Incisal	TOS 10B	REF 53 6132 7033
True Opal Incisal	TOS 10G	REF 53 6132 7043
True Opal Incisal	TOS 15	REF 53 6132 7053
True Opal Incisal	TOS 50	REF 53 6132 7403
True Opal Incisal	TOS 57	REF 53 6132 7503
True Opal Incisal	TOS 58	REF 53 6132 7513
True Opal Incisal	TOS 59	REF 53 6132 7523
True Opal Incisal	TOS 60	REF 53 6132 7533

Incisal Kit



Content:

- 1x 20 g Dentine Gum 2
- 4x 20 g Incisal S 1 – 4
- 3x 20 g Incisal S Blueish; Yellowish; Reddish
- 3x 20 g Transpa T; TC; TO
- 1x 20 g Build-up
- 1x 20 g Add-On Porcelain
- 1x 20 g Glaze
- 1x 15 ml Carving Liquid Form
- 1x 50 ml Carving Liquid SD
- 1x 15 ml Ducera Liquid Stain improved
- 1x Shade Indicator Incisal

REF 53 6139 0051

Refills		
20 g		
Dentine Gum	Gum 2	REF 53 6131 9013
Incisal	S 1	REF 53 6132 1003
Incisal	S 2	REF 53 6132 1013
Incisal	S 3	REF 53 6132 1023
Incisal	S 4	REF 53 6132 1033
Incisal	S Blueish	REF 53 6132 2003
Incisal	S Yellowish	REF 53 6132 2013
Incisal	S Reddish	REF 53 6132 2023
Transpa Clear	TC	REF 53 6132 3003
Transpa Opal	TO	REF 53 6132 3013
Transpa	T	REF 53 6132 3023
AllCeram	Build-up	REF 53 6133 8003
Add-On Porcelain		REF 53 6133 7003
Glaze		REF 53 6136 3003



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Bleach Shades Kit

Refills		
		1 Stück-TwisTec
		20 g
Dentine Bleach	Bleach 1	REF 53 6131 1203
Dentine Bleach	Bleach 2	REF 53 6131 1213
Dentine Bleach	Bleach 3	REF 53 6131 1223
Shoulder Porcelain	Bleach	REF 53 6134 1203
		2 ml
Paste Liner	Bleach	REF 53 6130 1200



Content:

3x	20 g	Dentine Bleach 1 – 3
1x	20 g	Shoulder Porcelain Bleach
1x	20 g	Transpa TO
1x	2 ml	Paste Liner Bleach
1x	15 ml	Carving Liquid Form
1x	15 ml	Carving Liquid Quick
1x	50 ml	Carving Liquid SD
1x		Paste Opaque Brush
1x		Shade Indicator Bleach

REF 53 6139 0091

Gum Shades Kit

Refills		
		20 g
Dentine Gum	Gum 1	REF 53 6131 9003
Dentine Gum	Gum 2	REF 53 6131 9013
Dentine Gum	Gum 3	REF 53 6131 9023
Dentine Gum	Gum 4	REF 53 6131 9033
Dentine Gum	Gum 5	REF 53 6131 9043



Content:

5x	20 g	Dentine Gum 1 – 5
1x	2 ml	Paste Liner Gum
1x	15 ml	Carving Liquid SD
1x	15 ml	Carving Liquid Form
1x		Paste Opaque Brush
1x		Shade Indicator Gum

REF 53 6139 0121

Stain Kit

Refills		
		4 g
LFC Stain	White	REF 53 6136 1001
LFC Stain	Orange	REF 53 6136 1021
LFC Stain	Strato	REF 53 6136 1051
LFC Stain	Honey	REF 53 6136 1091
LFC Stain	Mango	REF 53 6136 1101
LFC Stain	Apricot	REF 53 6136 1111
LFC Stain	Ivory	REF 53 6136 1121
LFC Stain	Peach	REF 53 6136 1151
LFC Stain	Caramel	REF 53 6136 1161
LFC Stain	Amber	REF 53 6136 1171
LFC Stain	Taiga	REF 53 6136 1181
LFC Stain	Terra	REF 53 6136 1191
LFC Stain	Yellow	REF 53 6136 1281
LFC Stain	Dark Brown	REF 53 6136 1321
LFC Stain	Gray	REF 53 6136 1331
LFC Stain	Black	REF 53 6136 1341



Content:

16x	4 g	Stain
1x	15 ml	Ducera Liquid Stain improved
1x		Shade Indicator Stain Kit

REF 53 6139 0101



see: Shade Indicator page 67, 68
see: Carving Liquid page 70

Heat-resistant die-material Ducera® Lay

Heat-resistant die-material for manufacturing full-ceramic inlays and veneers by using the veneering ceramics LFC, Duceram® Plus or Duceram® Kiss.

Superfit Assortment



Content:

- 1x 250 g Lay Superfit FFM
- 1x 100 ml Superfit Fluid
- 1x 10 ml Die Spacer
- 1x 6 g Connector Paste
- 1x 10 ml Brush Cleaner
- 1x 4 ml Die Adhesive
- 1x 50 ml Saturation Liquid
- 1x Marker
- 1x Connector Paste Brush

Refills		1 piece
Marker		REF 53 6818 0010
Connector Paste		6 g
		REF 53 6818 2011
Superfit	FFM	250 g
		REF 53 6818 3006
Superfit	FFM	1250 g
		REF 53 6818 3008
Die Adhesive		4 ml
		REF 53 6827 4501
Lay Die Spacer		10 ml
		REF 53 6818 1102
Brush Cleaner		50 ml
		REF 53 6818 2022
Saturation Liquid		100 ml
		REF 53 6818 1004
Superfit	Fluid	500 ml
		REF 53 6818 3015
Superfit	Fluid	500 ml
		REF 53 6818 3016

REF 53 6819 0001

Connector Paste Kit



Content:

- 1x 6 g Connector Paste
- 1x 10 ml Brush Cleaner
- 1x Connector Paste Brush

Refills		6 g
Connector Paste		REF 53 6818 2011
		2 ml
Connector Paste Liquid		REF 53 6827 0600
		10 ml
Brush Cleaner		REF 53 6818 2022

REF 53 6819 0141

Shade Indicators

Refills		
		1 unit
Shade Indicator Cercon® ceram love	Base 1	REF 53 6830 5200
Shade Indicator Cercon® ceram love	Base 2	REF 53 6830 5210
Shade Indicator Cercon® ceram love	Intensive	REF 53 6830 5230
Shade Indicator Cercon® ceram love	Opal Effect	REF 53 6830 5240
Shade Indicator Cercon® ceram love	Shoulder Gingiva	REF 53 6830 5250
Shade Indicator Cercon® ceram love	Stain	REF 53 6830 5260
Shade Indicator Cercon® ceram love	Bleach	REF 53 6830 5270
Shade Indicator Duceram® love	Base 1	REF 53 6830 5800
Shade Indicator Duceram® love	Base 2	REF 53 6830 5810
Shade Indicator Duceram® love	Intensive	REF 53 6830 5830
Shade Indicator Duceram® love	Opal Effect	REF 53 6830 5840
Shade Indicator Duceram® love	Shoulder Gingiva	REF 53 6830 5850
Shade Indicator Duceram® love	Stain	REF 53 6830 5860
Shade Indicator Duceram® love	Bleach	REF 53 6830 5870
Shade Indicator Duceragold® love	Base 1	REF 53 6830 5900
Shade Indicator Duceragold® love	Base 2	REF 53 6830 5910
Shade Indicator Duceragold® love	Intensive	REF 53 6830 5930
Shade Indicator Duceragold® love	Opal Effect	REF 53 6830 5940
Shade Indicator Duceragold® love	Shoulder Gingiva	REF 53 6830 5950
Shade Indicator Duceragold® love	Stain	REF 53 6830 5960
Shade Indicator Duceragold® love	Bleach	REF 53 6830 5970
Shade Indicator Cercon® ceram Kiss	Base	REF 53 6830 7220
Shade Indicator Cercon® ceram Kiss	Gingiva	REF 53 6830 7250
Shade Indicator Cercon® ceram Kiss	Opal	REF 53 6830 7240
Shade Indicator Cercon® ceram Kiss	Opaque	REF 53 6830 7200
Shade Indicator Cercon® ceram Kiss	Power	REF 53 6830 7230
Shade Indicator Cercon® ceram Kiss	Stain	REF 53 6830 7260
Shade Indicator Cercon® ceram Kiss	Bleach	REF 53 6830 7270
Shade Indicator Duceram® Kiss	Opaque	REF 53 6830 2100
Shade Indicator Duceram® Kiss	Shoulder	REF 53 6830 2110
Shade Indicator Duceram® Kiss	Base	REF 53 6830 2120
Shade Indicator Duceram® Kiss	Power	REF 53 6830 2130
Shade Indicator Duceram® Kiss	Opal	REF 53 6830 2140
Shade Indicator Duceram® Kiss	Gingiva	REF 53 6830 2150
Shade Indicator Duceram® Kiss	Bleach	REF 53 6830 2170
Shade Indicator Duceragold® Kiss	Opaque	REF 53 6830 1200
Shade Indicator Duceragold® Kiss	Shoulder	REF 53 6830 1210
Shade Indicator Duceragold® Kiss	Base	REF 53 6830 1220
Shade Indicator Duceragold® Kiss	Power	REF 53 6830 1230

Accessories

Shade Indicators

Refills		
		1 unit
Shade Indicator Duceragold® Kiss	Opal	REF 53 6830 1240
Shade Indicator Duceragold® Kiss	Gingiva	REF 53 6830 1250
Shade Indicator Duceragold® Kiss	Bleach	REF 53 6830 1270
Shade Indicator® Duceratin Kiss	Opaque	REF 53 6830 1300
Shade Indicator® Duceratin Kiss	Shoulder	REF 53 6830 1310
Shade Indicator® Duceratin Kiss	Base	REF 53 6830 1320
Shade Indicator® Duceratin Kiss	Power	REF 53 6830 1330
Shade Indicator® Duceratin Kiss	Opal	REF 53 6830 1340
Shade Indicator® Duceratin Kiss	Gingiva	REF 53 6830 1350
Shade Indicator Duceram® Plus	Advantage	REF 53 6830 2000
Shade Indicator Duceram® Plus	Chroma Dentine	REF 53 6830 2010
Shade Indicator Duceram® Plus	Dentine	REF 53 6830 2020
Shade Indicator Duceram® Plus	Opaque	REF 53 6830 2030
Shade Indicator Duceram® Plus	Professional	REF 53 6830 2040
Shade Indicator Duceram® Plus	Incisal	REF 53 6830 2050
Shade Indicator Duceram® Plus	SMH	REF 53 6830 4500
Shade Indicator Duceram® Plus	Gum	REF 53 6830 2060
Shade Indicator Duceram® Plus	Bleach	REF 53 6830 2070
Shade Indicator Duceram® Plus	Opal	REF 53 6830 2500
Shade Indicator LFC	Shoulder	REF 53 6830 4510
Shade Indicator LFC	Stain	REF 53 6830 3002
Shade Indicator LFC	Secondary Dentine, Incisal, Opal	REF 53 6830 3010
Shade Indicator LFC	Opaque, Dentine	REF 53 6830 3020
Shade Indicator AllCeram®	Dentine	REF 53 6830 0500
Shade Indicator AllCeram®	Incisal	REF 53 6830 0510
Shade Indicator AllCeram®	Liner	REF 53 6830 0520
Shade Indicator AllCeram®	Professional	REF 53 6830 0530
Shade Indicator AllCeram®	Stain	REF 53 6830 0540
Shade Indicator AllCeram®	Light dynamic	REF 53 6830 0550
Shade Indicator AllCeram®	Gum	REF 53 6830 0560
Shade Indicator AllCeram®	Shoulder Porcelain	REF 53 6830 0570
Shade Indicator AllCeram®	Bleach	REF 53 6830 0580
Shade Indicator AllCeram®	Incisal, Gray	REF 53 6830 8500
Shade Indicator Die Spacer		REF 53 6830 6000

Accessories

Shade Indicator extreme



(1)	extreme Shade Indicator Central, Intensive	REF 53 6830 8010
(2)	extreme Shade Indicator Red, Yellow, Gray	REF 53 6830 8020

MagiCut Back Kit

MagiCut Back/Kit, by J. Braunwarth



(1)	MagiCut Back/Snake, by J. Braunwarth	REF 53 5999 0101
(2)	MagiCut Back/Little Heart, by J. Braunwarth	REF 53 5999 0102
(3)	MagiCut Back/Dragon, by J. Braunwarth	REF 53 5999 0103
(4)	MagiCut Back/Crocodile, by J. Braunwarth	REF 53 5999 0104
(5)	MagiCut Back/Dolphin, by J. Braunwarth	REF 53 5999 0105
	MagiCut Back/Halter, by J. Braunwarth	REF 53 5999 0106

REF 53 5999 0100

Accessories

Carving Brush OccluSpeed by Jochen Peters	1 piece	REF 53 6900 1590
MagicWizard Carving Brush finest Kolinsky	1 piece	REF 53 6900 1540
MagicStain Stain Brush finest Kolinsky	1 piece	REF 53 6900 1550
MagicOpaque Paste Opaque Brush	1 piece	REF 53 6900 1560
MagicControl Carving Brush Kit	1 set: 1x MagicWizard Carving Brush finest Kolinsky, 1x MagicStain Stain Brush finest Kolinsky, 1x MagicOpaque Paste Opaque Brush	REF 53 6900 1501
Kiss Portioner	1 piece	REF 53 6900 2400
Tab Maker	1 piece	REF 53 6900 2500
Firing Tray with 6 Pins, universal	1 piece	REF 53 6900 4000
Firing Tray Pin	1 piece	REF 53 6900 4010
Brush Turbo by J. Braunwarth	1 piece	REF 53 6900 1600
Connector Paste Brush	1 piece	REF 53 6818 0020
Carving Brush Size 00	1 piece	REF 53 6900 1500
Carving Brush Size 08	1 piece	REF 53 6900 1530
Paste Opaque Brush	1 piece	REF 53 6900 3000

Modeling Liquids and Varnish

Refills		
		2 ml
Paste Opaque Liquid		REF 53 6827 0500
		4 ml
Ducera Lay Die Adhesive		REF 53 6827 4501
		10 ml
Isolation	High Temp	REF 53 6827 3502
Isolation	SEP	REF 53 6827 3512
		15 ml
Carving Liquid	SD	REF 53 6827 2053
Carving Liquid	Form	REF 53 6827 2033
Carving Liquid	Quick	REF 53 6827 2043
Carving Liquid	SM Spezial	REF 53 6827 3003
Carving Liquid	Blend	REF 53 6827 2063
Ducera Liquid	OCL universal	REF 53 6827 1013
Ducera Liquid	Stain improved	REF 53 6827 4613
		50 ml
Carving Liquid	SD	REF 53 6827 2054
Carving Liquid	Form	REF 53 6827 2034
Carving Liquid	Quick	REF 53 6827 2044
Carving Liquid	Blend	REF 53 6827 2064
Ducera Liquid	OCL universal	REF 53 6827 1014
Ducera Liquid	B	REF 53 6827 1514
Ducera Liquid	Stain improved	REF 53 6827 4614
		250 ml
Carving Liquid	SD	REF 53 6827 2055
Carving Liquid	Form	REF 53 6827 2035
Carving Liquid	Quick	REF 53 6827 2045
Carving Liquid	Blend	REF 53 6827 2065
Ducera Liquid	OCL universal	REF 53 6827 1015
		500 ml
Carving Liquid	SD	REF 53 6827 2056
Carving Liquid	Form	REF 53 6827 2036
Carving Liquid	Quick	REF 53 6827 2046
Carving Liquid	Blend	REF 53 6827 2066
Ducera Liquid	OCL universal	REF 53 6827 1016

PRECIOUS ALLOYS



DeguDent

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Gold standards for individual requirements

Precious alloys are universally applicable and continue to constitute the foundation of restorative dentistry. Precious alloys are characterized by an unmatched more than 50 years of clinical success, making them the gold standard against which all alternative framework materials must compete. With the DeguDent gold standards, even the most sophisticated users will find the right solution for any indication and any need.

An idea

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Degulor®

In 1950, a high-gold precious alloy opened up new horizons in dental technology: Degulor. This material ushered in a new era for crowns, bridges and inlays in terms of processability, durability, safety and compatibility.

With Degulor, both laboratories and dentists continue to set standards to this day.



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A Dentsply Company

Degulor® C

REF 53 1207 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Yellow	74.0	2.4	2.0	13.5	7.0	–	1.0	–	Ir: 0.1	–	900-975	53 1228 0121/Degunorm® solder 700 rods 53 1228 0123/Degunorm® solder 700 coil 53 1210 0120/Degulor® solder 0 53 1210 0121/Degulor® solder 1 53 1210 0122/Degulor® solder 2 53 1210 0221/Unilot 1 53 1210 0222/Unilot 2



Degulor® M

REF 53 1208 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Yellow	70.0	4.4	2.0	13.5	8.8	–	1.2	–	Ir: 0.1	–	900-970	53 1228 0121/Degunorm® solder 700 rods 53 1228 0123/Degunorm® solder 700 coil 53 1210 0120/Degulor® solder 0 53 1210 0121/Degulor® solder 1 53 1210 0122/Degulor® solder 2 53 1210 0221/Unilot 1 53 1210 0222/Unilot 2



Degulor® MO

REF 53 1209 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Yellow	65.5	8.9	1.0	14.0	10.0	–	0.5	–	Ir: 0.1	–	900-990	53 1228 0121/Degunorm® solder 700 rods 53 1228 0123/Degunorm® solder 700 coil 53 1210 0120/Degulor® solder 0 53 1210 0121/Degulor® solder 1 53 1210 0122/Degulor® solder 2 53 1210 0221/Unilot 1 53 1210 0222/Unilot 2



Degulor® NF IV

REF 53 1220 0402

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Light yellow	71.0	12.9	2.0	10.0	–	–	4.0	–	Ir: 0.1	–	1000-1100	53 1228 0121/Degunorm® solder 700 rods 53 1228 0123/Degunorm® solder 700 coil 53 1210 0120/Degulor® solder 0 53 1210 0121/Degulor® solder 1 53 1210 0122/Degulor® solder 2 53 1210 0221/Unilot 1 53 1210 0222/Unilot 2



Bio Degulor® M

REF 53 1214 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Yellow	71.3	3.8	–	13.9	9.8	–	1.1	–	Ir: 0.1	–	880-930	53 1204 0121/Biolor® solder G 820



Bio Degulor® nT

REF 53 1215 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder before firing
Yellow	77.0	1.0	–	13.0	8.5	–	0.2	0.2	Ir: 0.1	–	900-940	53 1210 0122/Degulor® solder 2



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In 1964, the desire to provide aesthetic veneers gave rise to the introduction of the Degudent ceramic-bonding precious alloy. Its ease of processing and clinical safety have made Degudent an established factor in prosthodontics for almost 50 years.

Degudent is the standard in metal-ceramics for laboratories and dentists alike.

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Degudent® – the ceramic-bonding classic

Degudent® H

REF 53 1304 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Light yellow	84.4	8.0	5.0	–	–	–	–	2.5	–	Ta: 0.1	14.2	14.4	1100-1210	53 1301 0121/Degudent® solder N1 53 1301 0221/Degudent® solder N1W	53 1210 0222/Unilot 2, 53 1210 0122/Degulor® solder 2



Degudent® Kiss

REF 53 1307 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Light yellow	79.4	10.5	6.0	1.3	–	–	1.0	1.5	Ir: 0.1	Ta: 0.2	14.1	14.3	1140-1220	5313010121 Degudent solder N1 5313020221 Degudent solder U1W	5313050121 solder DG 750



Degudent® LTG

REF 53 1313 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	73.1	1.5	5.8	16.0	–	0.5	3.0	–	Ir: 0.1	–	16.1	16.6	985-1065	53 1228 0130/Degunorm® solder 930, 53 1228 0125/Degunorm® solder 880 coil, 53 1228 0122/Degunorm® solder 880 rods	53 1228 0123/Degunorm® solder 700 coil, 53 1228 0121/Degunorm® solder 700 rods



Degudent® U

REF 53 1302 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	77.3	9.8	8.9	1.2	0.3	0.5	–	1.5	Ir: 0.1	Re: 0.2 Fe: 0.2	13.8	14.0	1150-1260	53 1301 0121/Degudent® solder N1 53 1301 0221/Degudent® solder N1W 53 1302 0121/Degudent® solder U1 53 1302 0221/Degudent® solder U1W	53 1210 0122/Degulor® solder 2 53 1210 0222/Unilot 2



Degudent® U94

REF 53 1306 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	76.0	9.6	8.9	2.4	0.3	0.8	–	1.5	Ir: 0.1	Re: 0.2 Fe: 0.2	13.8	14.1	1140-1250	53 1301 0121/Degudent® solder N1, 53 1301 0221/Degudent® solder N1W 53 1302 0121/Degudent® solder U1 53 1302 0221/Degudent® solder U1W	53 1210 0122/Degulor® solder 2 53 1210 0222/Unilot 2



Degudent® G

REF 53 1303 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	86.0	10.4	–	–	–	–	–	1.5	Rh: 1.6	Ta: 0.5	14.5	14.7	1045-1140	53 1303 0121/Degudent® solder G1	5313050121 solder DG 750



NEW

Degudent® Eco

REF 53 1301 0022

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	40.0	–	39.8	12.4	–	7.5	–	–	–	Ta: 0.2 Ru: 0.1	14.1	14.4	1225-1290	53 1302 0221/Degudent® solder U1W 53 1301 0221/Degudent® solder N1W	53 1210 0122/Degulor® solder 2 53 1403 0121/Stabilor® solder 710



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Degunorm®

Degunorm is the most popular high-gold precious alloy in Germany. It is also the most important supporting pillar of the GoldenGate System because of its rich golden hue, versatile indications, the low number of different materials needed and the vast body of clinical evidence.

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Degunorm®

REF 53 1228 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	73.8	9.0	-	9.2	4.4	-	2.0	1.5	Ir: 0.1	-	16.7	16.8	900-990	53 1228 0125/Degunorm® solder 880 coil 53 1228 0122/Degunorm® solder 880 rods	53 1228 0123/Degunorm® solder 700 coil 53 1228 0121/Degunorm® solder 700 rods



Degunorm® eco

REF 53 1226 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	59.8	5.9	4.9	24.3	-	-	3.5	1.5	Ir: 0.1	-	16.6	17.1	970-1030	53 1315 0122 BiOclus solder G 870 53 1228 0122 Degunorm solder 880 rods 53 1228 0125 Degunorm solder 880 coil 53 1228 0130 Degunorm solder 930	53 1315 0121 BiOclus solder G 710



Degunorm® logic

REF 53 1227 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	73.8	9.0	-	13.6	-	-	2.0	0.5	Ir: 0.1 Rh: 0.6	Ta: 0.4	16	16.2	1010-1070	53 1315 0122 BiOclus solder G 870 53 1228 0122 Degunorm solder 880 rods 53 1228 0125 Degunorm solder 880 coil 53 1228 0130 Degunorm solder 930	53 1315 0121 BiOclus solder G 710



Degunorm® pur

REF 53 1224 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	72.7	8.2	-	15.9	-	-	2.2	0.8	Ir: 0.1	Ta: 0.1	16.1	16.3	990-1040	53 1315 0122 BiOclus solder G 870 53 1228 0122 Degunorm solder 880 rods 53 1228 0125 Degunorm solder 880 coil 53 1228 0130 Degunorm solder 930	53 1315 0121 BiOclus solder G 710



Degunorm® supra

REF 53 1225 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	73.2	3.2	6.3	13.8	-	0.5	2.9	-	Ir: 0.1	-	16.1	16.6	1035-1080	53 1315 0122 BiOclus solder G 870 53 1228 0122 Degunorm solder 880 rods 53 1228 0125 Degunorm solder 880 coil 53 1228 0130 Degunorm solder 930	53 1315 0121 BiOclus solder G 710





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BiOclus represents a unique set of bioalloys that meet all the expectations of even the most demanding patient. Its optimized microstructure ensures high-strength during ceramic firing for optimal firing results.

BiOclus lets dental laboratories and dentists meet the demand for better compatibility and a more natural appearance.

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BiOclus® 4

REF 53 1312 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	85.8	11.0	-	-	-	-	0.5	1.7	Rh: 0.7	Ta: 0.3	14.2	14.5	1040-1140	53 1303 0121/ Degudent® solder G1	53 1305 0121/solder DG 750



BiOclus® Gold

REF 53 1314 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	88.3	9.6	-	-	-	-	1.6	0.3	Ir: 0.1	Nb: 0.1	14.7	14.9	1050-1130	53 1303 0121/ Degudent® solder G1	53 1305 0121/solder DG 750



BiOclus® HT

REF 53 1318 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	85.4	12.0	-	-	-	-	1.8	-	Ir: 0.1 Rh: 0.4	Nb: 0.1 Fe: 0.2	14.2	14.7	1055-1130	53 1303 0121/ Degudent® solder G1	53 1305 0121/solder DG 750



BiOclus® inlay

REF 53 1206 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	83.3	4.8	-	10.0	-	-	1.8	-	Ir: 0.1	-	-	-	980-1060	53 1305 0121/solder DG 750	



BiOclus® Kiss

REF 53 1319 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	81.6	16.0	-	-	-	-	1.4	0.5	Ir: 0.1	Nb: 0.4	14.2	14.4	1050-1160	53 1303 0121/ Degudent® solder G1	53 1305 0121/solder DG 750



BiOclus® N

REF 53 1316 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	85.6	11.9	-	-	-	-	1.6	-	Ir: 0.1 Rh: 0.2	Nb: 0.4 Fe: 0.2	14.4	14.6	1040-1115	53 1303 0121/ Degudent® solder G1	53 1305 0121/solder DG 750





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Econolloy combines the processing benefits of a precious alloy with cost-optimized prosthetic options.

Econolloy is an excellent material for use by laboratories and dentists in price-sensitive markets.



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Econolloy® – the economical alloy

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REF 53 1413 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Light yellow	38.0	–	17.0	36.0	–	–	–	8.9	Ir: 0.1	–	16.9	17.3	1020-1075	53 1315 0122/ BiOcclus® solder G 870	53 1315 0121/ BiOcclus® solder G 710



Econolloy® Au*

REF 53 1421 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Light yellow	33.0	1.0	14.8	43.0	–	–	–	8.0	Ir: 0,1	Nb: 0.1	17.2	17.6	1010-1060	53 1228 0130/Degunorm® solder 930	53 1403 0121/Stabilor® solder 710



* only available in Germany and Austria

Econolloy® Ag

REF 53 1416 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	–	–	36.9	56.0	–	3.0	4.0	–	Ir: 0.1	–	16.5	16.9	1050-1130	53 1228 0130/Degunorm® solder 930, 53 1228 0125/Degunorm® solder 880 coil, 53 1228 0122/Degunorm® solder 880 rods	53 1228 0123/Degunorm® solder 700 coil, 53 1228 0121/Degunorm® solder 700 rods



Econolloy® Pd

REF 53 1418 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	–	–	57.8	30.0	–	6.0	2.0	4.0	Ru: 0.2	–	14.9	15.2	1175-1275	53 1301 0121/Degudent® solder N1 53 1301 0221/Degudent® solder N1W 53 1302 0221/Degudent® solder U1W 53 1302 0121/Degudent® solder U1	53 1403 0121 Stabilor solder 710



Other alloys

Casting alloys/reduced-gold alloys

Stabilor® G

REF 53 1403 0102

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Average linear CTE (25-600 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Melting range °C	Solder
Yellow	58.0	0.1	5.5	23.3	12.0	-	1.0	-	Ir: 0.1	-	-	-	860-940	53 1210 0222 Unilot 2 53 1403 0121 Stabilor solder 710



Stabilor® NF IV

REF 53 1404 0402

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Average linear CTE (25-600 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Melting range °C	Solder
Light yellow	55.0	-	9.9	29.0	-	1.0	1.0	4.0	Ir: 0.1	-	-	-	940-1065	53 1210 0221 Unilot 1 53 1210 0222 Unilot 2 53 1228 0121 Degunorm solder 700 rods 53 1228 0123 Degunorm solder 700 coil



Stabilor® IV plus

REF 53 1404 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Average linear CTE (25-600 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Melting range °C	Solder
Yellow	62.2	4.4	-	22.5	9.8	-	1.0	-	Ir: 0.1	-	-	-	870-925	53 1210 0122 Degulor solder 2 53 1228 0121 Degunorm solder 700 rods 53 1228 0123 Degunorm solder 700 coil



Casting alloys/Silver-Palladium alloys

Palliag® M

REF 53 1501 0202

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Average linear CTE (25-600 °C) $\mu\text{m}/\text{m} \cdot \text{K}$	Melting range °C	Solder
White	2.0	-	27.4	58.5	10.5	-	1.5	-	Ir: 0.1	-	-	-	950-1040	53 1210 0221/Unilot 1 53 1210 0222/Unilot 2



High-melting bonding alloys/reduced-gold alloys

Deva® 4

REF 53 1407 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	51.1	-	38.5	-	-	-	-	9.0	Ir: 0.2	Ga: 1.2	13.5	13.8	1235-1315	53 1301 0221/Degudent® solder N1W 53 1301 0121/Degudent® solder N1 53 1302 0221/Degudent® solder U1W 53 1302 0121/Degudent® solder U1	53 1210 0222/Unilot 2 53 1403 0121/Stabilor® solder 710 53 1210 0122/Degulor® solder 2



Degudor®

REF 53 1417 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	55.1	-	38.5	-	-	-	-	9.0	Ir: 0.2	Ga: 1.2	13.7	14.0	1190-1275	53 1301 0221/Degudent® solder N1W 53 1301 0121/Degudent® solder N1 53 1302 0221/Degudent® solder U1W 53 1302 0121/Degudent® solder U1	53 1210 0222/Unilot 2 53 1403 0121/Stabilor® solder 710 53 1210 0122/Degulor® solder 2



Degubond® 4

REF 53 1406 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	49.6	-	29.0	17.5	-	3.0	-	-	Ir: 0.1	Ga: 0.5 Ta: 0.1 Re: 0.2	14.5	14.7	1160-1280	53 1301 0221/Degudent® solder N1W 53 1301 0121/Degudent® solder N1 53 1302 0221/Degudent® solder U1W 53 1302 0121/Degudent® solder U1	53 1210 0222/Unilot 2 53 1403 0121/Stabilor® solder 710 53 1210 0122/Degulor® solder 2



Other alloys

High-melting bonding alloys/Palladium-based alloys

Degustar® F

REF 53 1410 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	-	-	51.9	38.0	-	7.5	1.0	1.5	Ru: 0.1	-	15.1	15.4	1150-1230	53 1301 0221 Degudent solder N1W 53 1301 0121 Degudent solder N1	53 1403 0121/Stabilor®-solder 710 53 1210 0122/Degulor® solder 2



Pors-on® 4

REF 53 1502 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	-	-	57.8	30.0	-	6.0	2.0	4.0	Ru: 0.2	-	14.9	15.2	1175-1275	53 1301 0221/Degudent® solder N1W 53 1301 0121/Degudent® solder N1 53 1302 0221/Degudent® solder U1W 53 1302 0121/Degudent® solder U1	53 1403 0121/Stabilor® solder 710 53 1210 0122/Degulor® solder 2



Degupal® G

REF 53 1507 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
White	4.5	-	77.3	7.2	-	4.0	-	-	Ru: 0.5	Ga: 6.0/ Ge: 0.5	14	14.3	1170-1295	53 1303 0121/Degudent® solder G1, 53 1301 0221/Degudent® solder N1W, 53 1301 0121/Degudent® solder N1	53 1403 0121/Stabilor® solder 710, 53 1210 0122/Degulor® solder 2



Low-melting bonding alloys/Palladium-based alloys

Stabilor® LTG

REF 53 1412 0002

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Average linear CTE (25-500°C) µm/m · K	Average linear CTE (25-600°C) µm/m · K	Melting range °C	Solder before firing	Solder after firing
Yellow	58.0	-	12.9	25.0	-	-	0.4	-	Ir: 0.1	-	16.7	17.1	1020-1090	53 1228 0130/Degunorm® solder 930 53 1315 0122/BiOcclus® solder G 870	53 1315 0121/ BiOcclus® solder G 710



Degulor®

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder
Yellow	65.0	8.9	1.0	13.0	11.5	-	0.5	-	Ir: 0.1	-	890-1010	53 1210 0120 / Degulor® solder 0, 53 1210 0121 / Degulor® solder 1, 53 1210 0122 / Degulor® solder 2

Degulor wire 0.7 mm	REF 53 1211 0705
Degulor wire 0.9 mm	REF 53 1211 0905
Degulor wire 1.0 mm	REF 53 1211 1005
Degulor wire 1.2 mm	REF 53 1211 1205
Degulor wire 1.5 mm	REF 53 1211 1505

Degulor® i

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder
Yellow	78.0	6.9	1.0	14.0	-	-	-	-	Ir: 0.1	-	1020-1130	53 1210 0120 / Degulor® solder 0, 53 1210 0121 / Degulor® solder 1, 53 1210 0122 / Degulor® solder 2

Degulor i retention wire 0.35 mm	REF 53 1202 0005
----------------------------------	------------------

Permador®

Alloy colour	Au	Pt	Pd	Ag	Cu	Sn	Zn	In	Other precious	Other non-precious	Melting range °C	Solder
White	60.0	24.9	15.0	-	-	-	-	-	Ir: 0.1	-	1320-1460	53 1210 0120 / Degulor® solder 0, 53 1210 0121 / Degulor® solder 1, 53 1210 0122 / Degulor® solder 2

Permador wire 0.7 mm	REF 53 1701 0705
Permador wire 1.0 mm	REF 53 1701 1005
Permador wire 1.2 mm	REF 53 1701 1205
Permador wire 1.5 mm	REF 53 1701 1505

Platinum foil

Platinum foil 100x100x0.02 mm	REF 53 1706 0211
Platinum foil 90x50x0.02 mm	REF 53 1706 0291
Platinum foil 100x100x0.027 mm	REF 53 1706 7211
Platinum foil 90x50x0,027 mm	REF 53 1706 7291

Indication icons



Single-surface fillings; multiple-surface fillings; onlays; partial and full crowns



Multiple-surface fillings; crowns; milled restorations; bridges of any width



Major connectors



Multiple-surface fillings; crowns; shorter bridges (if the cross-section is adequate)

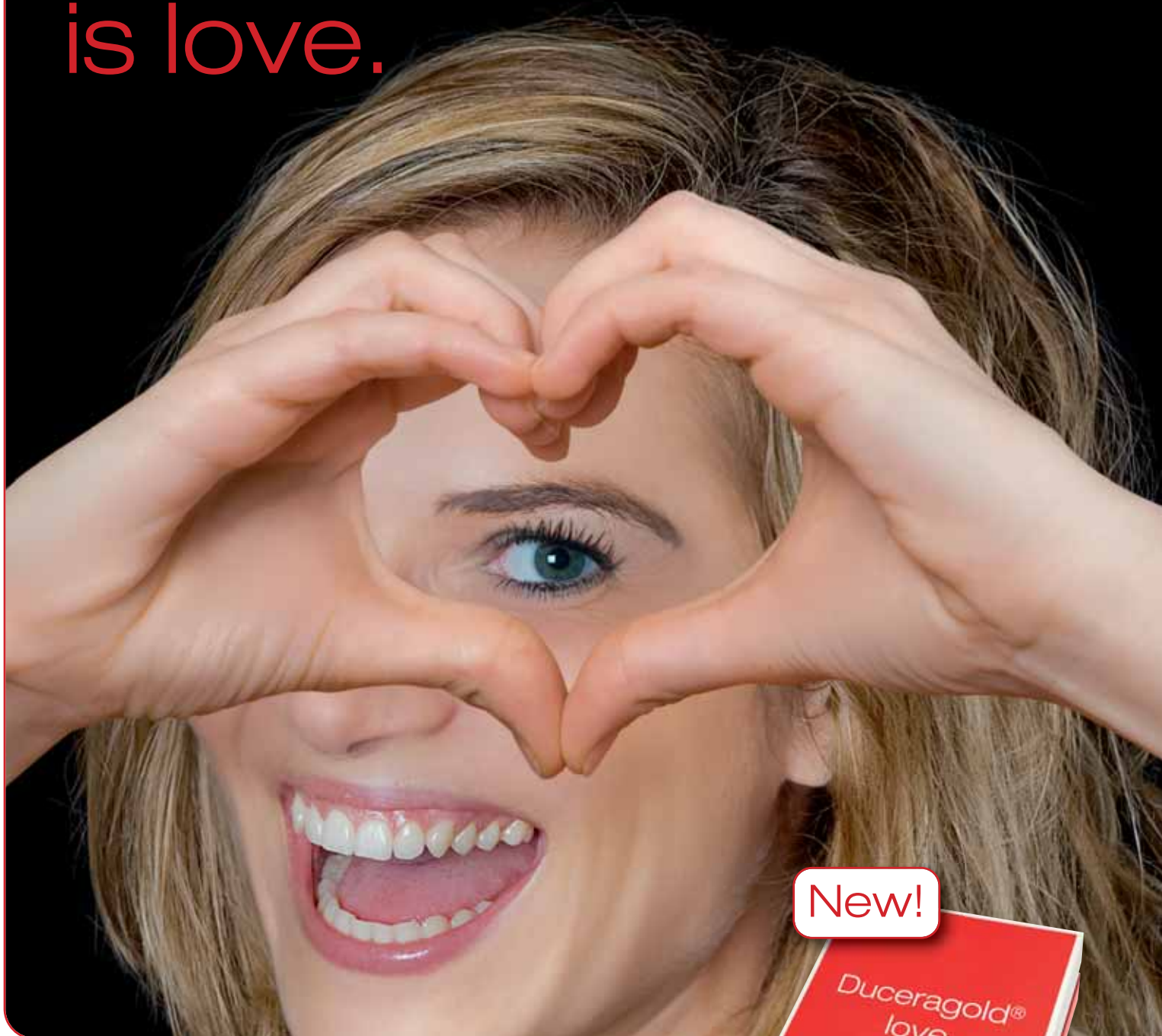


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A Dentsply Company

ATTACHMENTS

Small but with high effect

We use cutting-edge technology for designing prosthetic attachments that combine minimum dimensions with maximum performance. CAD/CAM design and production and finite-element loading simulations are mandatory elements in our strategy to give these components maximum strength and precision. They make an indispensable contribution to restorative success in their functions as segmentation or retention elements.

Attachment, Intracoronaral

multi-CON® 1

The multi-CON® system consists of multi-CON® 1, multi-CON® 90 und multi-CON® TR. It is a system of three intracoronaral precision attachments with identical female geometry.

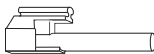










multi-CON® 1 (appendix angle, for atrophied ridges) and multi-CON® 90 (straight face, for the whole alveolar ridge) are finely adjustable for prosthetic rehabilitation with cantilevered or bilaterally supported dentures as well as removable bridges.

multi-CON®TR is an attachment for segmented bridges available in several versions for prospective restorative planning.

These three different attachments offer solutions for a variety of different indications and a broad range of materials.

multi-CON® 1, GGS (complete)












REF 53 2401 3810 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (red)	53 2418 3861	1 piece		
Degunorm® Male Unit	53 2418 3864	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		 
Degunorm®-Activating Screw	53 2418 3868	1 piece		
Degunorm®-Fastening Screw	53 2418 3870	1 piece		




multi-CON® 1, GGS (complete)

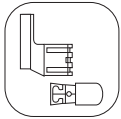
REF 53 2401 3811 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (red)	53 2418 3861	1 piece		
Degunorm® Male Unit	53 2418 3864	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		 
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		



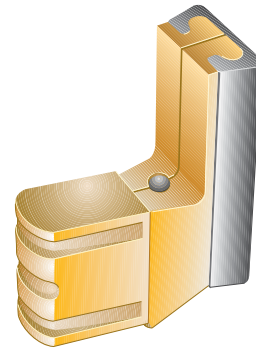
Parts and materials	REF	Amount	Image	Pictographs
Degunorm®-Male Unit oversize	53 2418 3890	1 piece		

Attachment, Intracoronal



Female Unit
 Width mm
 Height mm
 Depth mm

multi-CON® 1
 2.60
 6.35
 1.35



multi-CON® 1, HSL-KE16/Degulor® (complete)

REF 53 2401 3812 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
HSL-KE16 Female Unit	53 2418 3862	1 piece		
Degulor® Male Unit	53 2418 3865	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		

multi-CON® 1, Spacer/Degulor® (complete)

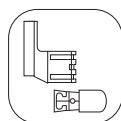
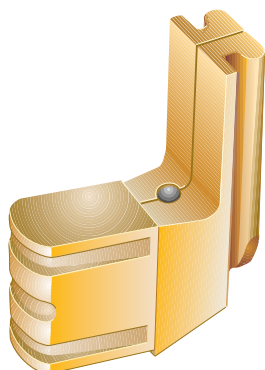
REF 53 2401 3818 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (red)	53 2418 3861	1 piece		
Degulor® Male Unit	53 2418 3865	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		

Parts and materials	REF	Amount	Image	Pictographs
Degulor®-Male Unit oversize	53 2418 3891	1 piece		

Attachment, Intracoronaral

multi-CON® 1 Spark Erosion



Female Unit
Width mm
Height mm
Depth mm

multi-CON® 1
2.60
6.35
1.35

multi-CON® 1, Spark Erosion, GGS (complete)

REF 53 2401 3813 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Degunorm® Male Unit	53 2418 3864	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Degunorm®-Activating Screw	53 2418 3868	1 piece		
Degunorm®-Fastening Screw	53 2418 3870	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		



multi-CON® 1, Spark Erosion, GGS (complete)












REF 53 2401 3814 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Degunorm® Male Unit	53 2418 3864	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		



multi-CON[®] 1, Spark Erosion (complete)

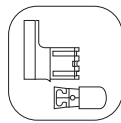
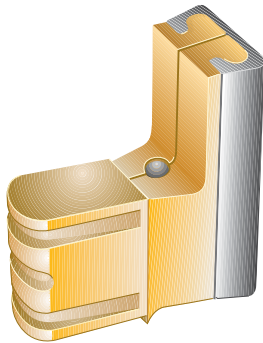
REF 53 2401 3816 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
Degulor [®] Male Unit	53 2418 3865	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		  
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		

Attachment, Intracoronary



multi-CON® 90



Female Unit
Width mm
Height mm
Depth mm

multi-CON® 90
2.60
6.35
1.35

multi-CON® 90, GGS (complete)

REF 53 2401 3820 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃	53 2418 3860	1 piece		
Degunorm® Male Unit	53 2418 6100	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Degunorm®-Activating Screw	53 2418 3868	1 piece		
Degunorm®-Fastening Screw	53 2418 3870	1 piece		



multi-CON® 90, GGS (complete)

REF 53 2401 3821 1 piece













Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃	53 2418 3860	1 piece		
Degunorm® Male Unit	53 2418 6100	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		



Parts and materials	REF	Amount	Image	Pictographs
Degunorm® Male Unit oversize	53 2418 6111	1 piece		













multi-CON® 90, HSL-KE16/Degulor® (complete)


REF 53 2401 3822 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
HSL-KE16 Female Unit	53 2418 3862	1 piece		
Degulor® Male Unit	53 2418 6101	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		  
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		

multi-CON® 90, Spacer/Degulor® (complete)

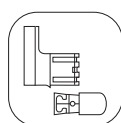
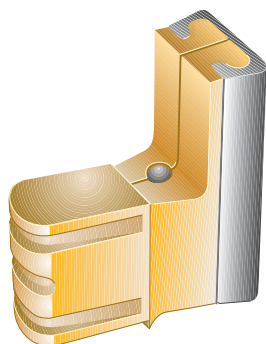
REF 53 2401 3828 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃	53 2418 3860	1 piece		
Degulor® Male Unit	53 2418 6101	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		  
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		

Parts and materials	REF	Amount	Image	Pictographs
Degulor® Male Unit oversize	53 2418 6112	1 piece		

Attachment, Intracoronaral

multi-CON® 90 Spark Erosion



Female Unit
Width mm
Height mm
Depth mm

multi-CON® 90
2.60
6.35
1.35

multi-CON® 90, Spark Erosion, GGS (complete)

REF 53 2401 3823 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Degunorm® Male Unit	53 2418 6100	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Degunorm®-Activating Screw	53 2418 3868	1 piece		
Degunorm®-Fastening Screw	53 2418 3870	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		



multi-CON® 90, Spark Erosion, GGS (complete)












REF 53 2401 3824 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Degunorm® Male Unit	53 2418 6100	1 piece		
Degunorm® Retention Sleeve	53 2418 3866	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		



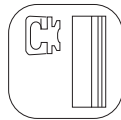
multi-CON® 90, Spark Erosion (complete)

REF 53 3826 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Degulor® Male Unit	53 2418 6101	1 piece		
Pt-Ir Retention Sleeve	53 2418 3867	1 piece		  
Titanium Activating Screw	53 2418 3869	1 piece		
Titanium Fastening Screw	53 2418 3871	1 piece		
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		

Attachment, Intracoronaral

multi-CON® TR



Female Unit
Width mm
Height mm
Depth mm

multi-CON® TR
2.60
6.35
1.35

multi-CON® TR, GGS (complete)

REF 53 2401 3850 1 piece



Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (green)	53 2418 3860	1 piece		

multi-CON® TR, HSL-KE16/HSL-KE16 (complete)

REF 53 2401 3852 1 piece

Parts and materials	REF	Amount	Image	Pictographs
HSL-KE16 Female Unit	53 2418 3862	1 piece		

multi-CON® TR, Spacer/HSL-KE16 (complete)

REF 53 2401 3858 1 piece

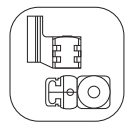
Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (green)	53 2418 3860	1 piece		

micro-Degutek® APS

The micro-Degutek® APS is an intracoronal precision attachment that differs from conventional T-shaped attachment in its unconventional geometrical arrangement of the finely adjustable activation mechanisms outside the friction body.

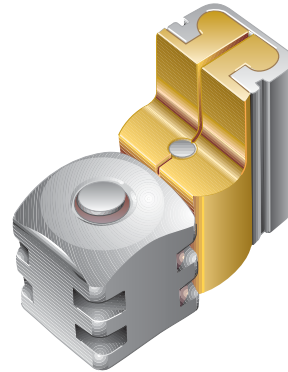
This ensures a close parallel fit of the lamella of the male part to the walls of the female part during activation, optimizing force distribution without clamping.

Two attachments for segmented bridges with the same female geometry are also available, namely mini Degutek® active (conditionally activated) and mini Degutek® passive for prospective planning purposes.



Female Unit
Width mm
Height mm
Depth mm

micro-Degutek® APS
2.60
5.20
1.45



micro-Degutek® APS, HSL/Degulor® with Screw flat

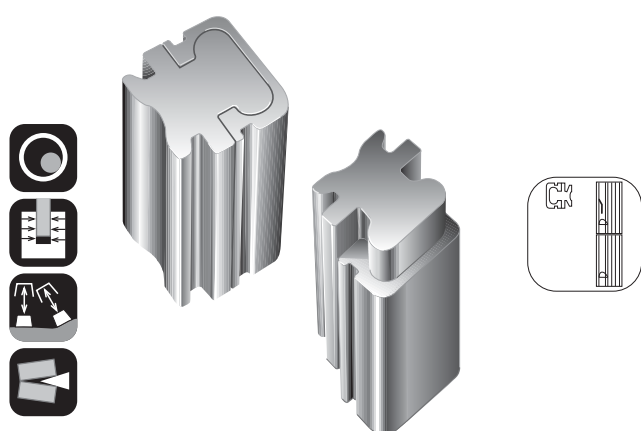
REF 53 2401 3510 **1 piece**

Parts and materials	REF	Amount	Image	Pictographs
Female Unit HSL	53 2418 6044	1 piece		
Degulor® Male Unit	53 2418 6052	1 piece		
Titanium Activating Screw	53 2418 6049	1 piece		
Retention Cap Pt-Ir	53 2418 6053	1 piece		
Gingival Contact Screw, Flat, Titanium	53 2418 6056	1 piece		
Degulor® Male Unit oversize	53 2418 6059	1 piece		

Attachment, Intracoronal

mini-Degutek®

The mini-Degutek® attachment is an intracoronal precision T-attachment whose development was based on the classic T-attachment design. Degutek® attachments combine a range of advantages that clearly improve the aesthetic and hygienic functions of an attachment denture.



Female Unit
Height/Width/Depth mm
Can be Reduced to mm

Active, HSL/HSL
5.20/2.60/1.45
3.70

Female Unit
Height/Width/Depth mm
Can be Reduced to mm

Passive, HSL/HSL
5.20/2.60/1.45
2.90

mini-Degutek®, active, HSL/HSL

REF 53 2401 3443 1 piece

mini-Degutek®, passive, HSL/HSL

REF 53 2401 3444 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Female Unit HSL	53 2418 6044	1 piece		
Male Unit HSL, active	53 2418 6050	1 piece		
Male Unit HSL, passive	53 2418 6051	1 piece		

Degutwin®

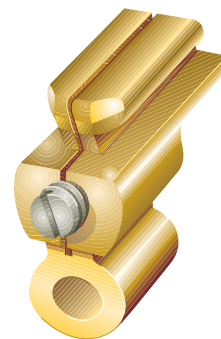
Degutwin® is an intracoronal precision attachment that is distinguished from conventional T-attachments by the useful geometric arrangement of the finely adjustable activation device outside the area of the lamellae. This guarantees that the lamellae of the male unit lie fully flat on the walls of the female unit during activation, with optimal pressure distribution and no sticking effect. The forces reacting through the prosthesis are reduced by the male unit's elastic design and therefore cannot deform the male parts adhering to the female unit with a friction fit. Degutwin® should only be processed without any thermal stressing of the components.

- Fabrication of the female unit with the spacer technique
- Connection to the model cast part with the bonding technique.
This technique ensures maximum precision and strength



Female Unit
Width mm
Height mm
Depth mm

Degutwin®
2.60
6.35
1.35



Degutwin®, Including Duplication Auxiliary Part

REF 53 2401 4100

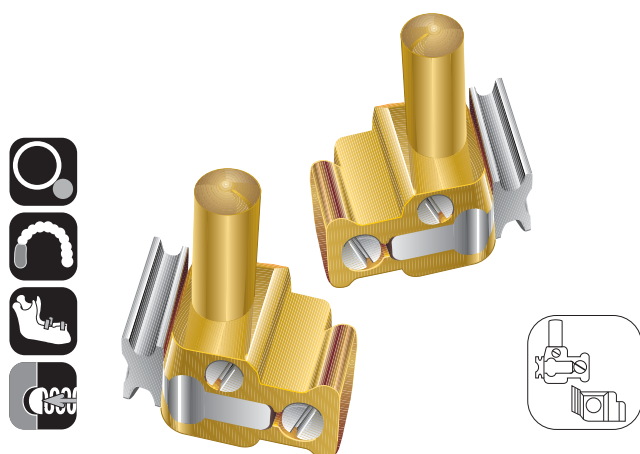
1 piece

Parts and materials	REF	Amount	Image	Pictographs
Spacer Female Unit Al ₂ O ₃ (red)	53 2418 3861	1 piece		
Degulor® Male Unit	53 2418 6619	1 piece		
Titanium Activating Screw	53 2418 3869	1 piece		

Attachment, Extracoronary

multiSafe Lock

The new multiSafe latch attachment is an extracoronary connective, retention, and support element for partial dentures and for implant superstructures. The fact that the connection can be easily severed by the patient makes the multiSafe latch attachment particularly suited for the fabrication of unilateral denture bases (monoreductor). The saddle of the denture base must be maximally extended. A maximum of two premolars and one molar or two molars should be replaced to avoid overloading the latch attachment. The tissue fit of the denture base must be checked regularly by a dentist and the denture Reliant is needed.



multiSafe Lock

Height mm	3.80
Width mm	4.50
Depth mm	5.80

multiSafe Lock, Left / Degunorm® /HSL-KE16

Including Polymerisable Sleeve

REF 53 2401 4251 1 piece

multiSafe Lock, Right / Degunorm® /HSL-KE16

Including Polymerisable Sleeve

REF 53 2401 4252 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Steel Coil Spring	53 2418 6522	1 piece	*	
Steel Laminated Spring	53 2418 6530	1 piece		
Titanium Laminated Spring Screw	53 2418 6532	1 piece	*	
Titanium Shaft Screw	53 2418 6534	1 piece	*	
Male Unit, HSL-KE16	53 2418 6536	1 piece		
Degunorm®-Lock Housing, right, complete	53 2418 6538	1 piece		
Degunorm®-Lock Housing, left, complete	53 2418 6540	1 piece		
Titanium-Lock Shaft	53 2418 6542	1 piece		

* Enlarged picture

extraTec® mini

extraTec® mini is a finely adjustable extracoronaral attachment with a basally activated and easily replaced friction sheath made of an intraorally stable resin that offers excellent long-term retention. The special position and shape of the activating screw allows continuous control of the friction force, resulting in excellent shape properties.

The choice of male materials for the extraTec® mini attachment is between:

- HSL-KE16, made of a cast-to alloy
- Burn-out resin

The functional component is fabricated from the respective casting alloy used. The female component is made of Degulor alloy and can be joined to the secondary structure adhesively or by soldering.



extraTec® mini

Length mm

Housing Width mm

Housing Height mm

7.10

3.50

3.30



extraTec® mini Au-Pt/HSL-KE16

REF 53 2401 5105

1 piece

extraTec® mini Au-Pt/RV Plastic

REF 53 2401 5106

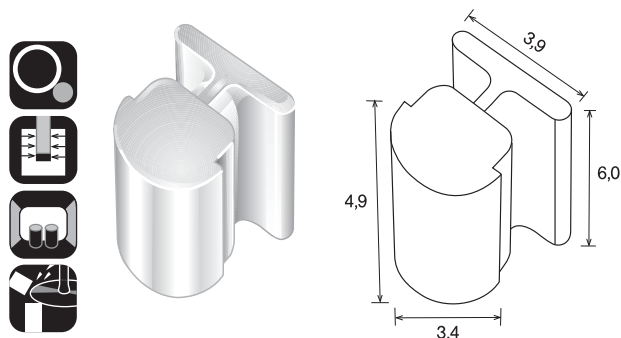
1 piece

Parts and materials	REF	Amount	Image	Pictographs
Male unit HSL-KE16	53 2418 6160	1 piece		
Male unit RV Plastic	53 2418 6161	1 piece		
Friction MB Plastic	53 2418 6162	1 piece		
Degulor® Female unit	53 2418 6163	1 piece		
Titanium-activating screw	53 2418 6164	1 piece		

Attachment, Extracoronaral

Deguplast®

The Deguplast® attachment is a rigid extracoronaral sliding attachment. The male unit is made of combustible plastic that burns without residue. The occlusal end is tapered to a chamfer that passes directly into the integrated parallelometer shaft (shaft thickness: 2.35 mm). The female unit is made of a permanently elastic high-precision plastic and is offered in four different degrees of friction. The female unit is easy to replace.













Deguplast® Set

Contents: 10 Male Units, 10 Female Units (beige), 1 Push-in-Pin

REF 53 2404 3600

1 set

Parts and materials	REF	Amount	Image	Pictographs
Male Units, RV Plastic	53 2404 3601	20 pieces		
U-shaped Female Units (Beige), MB Plastic	53 2404 3602	20 pieces		
S-Shaped Female Units (Yellow) MB Plastic	53 2404 3603	20 pieces		
M-Shaped Female Units (Orange), MB Plastic	53 2404 3604	20 pieces		
L-Shaped Female Units (Red,) MB Plastic	53 2404 3605	20 pieces		

Roach Attachment

The Roach attachment is a connector element for removable prostheses that is designed for extracoronar processing and has limited activation. Its range of applications includes interdental insertion prostheses and bilateral cantilever prostheses. Unilateral application is contraindicated. In a corresponding situation, both vertical translation (downward movement) and distal rotation (hinge movement) may be required. The Roach attachment comprises a slotted sleeve (female unit) made from a gold-platinum alloy and a spherical male unit made from HSL, a high-fusing castable gold-platinum alloy.

The Roach attachment has the following great features:

- Uncomplicated design
- Easy to process and stable



Roach Attachment

Head-Ø mm	2.5
Sleeve mm	5.5
Length mm	4.4
Material	Au-Pt/HSL



Roach Attachment /Au-Pt/HSL

REF 53 2401 2319

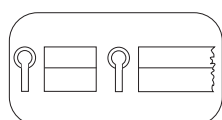
1 piece

Parts and materials	REF	Amount	Image	Pictographs
Female unit, Au-Pt	53 2418 6203	1 piece		
Male unit without shaft, HSL	53 2418 6204	1 piece		

Attachment, Extracoronal

Special Attachment

Special Attachment is a conditionally activated attachment for removable partial dentures and bridges. It is characterized by an uncomplicated design, high stability and ease of processing. The attachment consists of a sleeve with a slit (female component), made of a gold/platinum alloy and a cylindrical mail component made of HSL, which is a high-melting cast to gold/platinum alloy.



Special Attachment

Head Ø/Length
2.0 mm / 7.0 mm
2.0 mm / 50.0 mm

Special attachment Head Ø 2.0 mm/ Length 7 mm/ Au-Pt/HSL

REF 53 2401 2309 1 piece

Special attachment Head Ø 2.0 mm/ Length 50 mm/ Au-Pt/HSL

REF 53 2401 2313 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Female Unit Ø 2.0 mm/ Length 7.0 mm/Au-Pt	53 2418 6200	1 piece		
Male Unit Ø 2.0mm/ Length 7mm/HSL	53 2418 6201	1 piece		
Female Unit Ø 2.0 mm/ Length 50 mm/Au-Pt	53 2401 2620	1 piece		
Male Unit Ø 2.0 mm/ Length 50 mm/HSL	53 2401 2621	1 piece		

Deguswing®

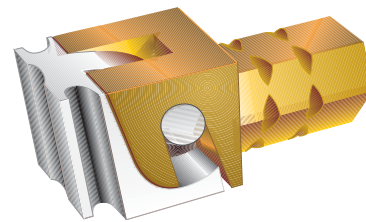
Deguswing® is best used unilaterally with upper and lower rows of teeth that have been shortened due to the loss of two or three teeth. With bilateral use, the two free-end saddles must not be connected transversally. Deguswing® allows distal rotational movement of the free-end saddle, which prevents harmful loading of the abutment teeth. The free-end saddle's movement is restricted by the design of the joint, defined precisely with a stop.



Deguswing®
 Length mm
 Height mm
 Width mm
 Material

8.3
 3.7
 3.7
 Degulor®/HSL

Each package is accompanied by a plate template used to aid assembly.



Deguswing®/Degulor®/HSL

inclusive a plate template

REF 53 2401 4301 1 piece

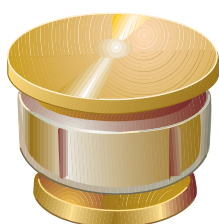
Parts and materials	REF	Amount	Image	Pictographs
Female Unit, Complete Degulor®	53 2418 6635	1 piece		
Male Unit HSL	53 2418 6630	1 piece		
Stop Pin Degulor®	53 2418 6632	1 piece	*	
Coil Spring Steel	53 2418 6633	1 piece		
Screw Titanium	53 2418 6634	1 piece	*	

* Enlarged picture

Anchors

DeguDent-Ball Anchor System

The DeguDent ball anchor is a resilient connector element for partial and hybrid prostheses that is horizontally rigid but allows vertical and rotational movements.



DeguDent Ball Anchor System	
Total Height with Mounting Disc mm	3.30
Thickness of Mounting Disc mm	0.40
Female Unit ø with PVC-Ring mm	4.00
Material	Degulor®/Degulor®

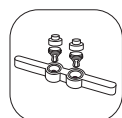
Ball Anchor System Degulor®/Degulor®

REF 53 2401 2530 1 piece

Parts and materials	REF	Amount	Image	Pictographs
Female Unit Degulor®	53 2418 8713	1 piece		
Male Unit Degulor®	53 2418 8714	1 piece		
Spacer Ring Silicone	53 2418 8715	1 piece		

Vario® II anchor

The Vario® II-anchor is a retentive connector element for fastening removable prosthetic appliances to fixed bridges or crowns.



Vario® II-anchor

Length mm

29.60

Width mm

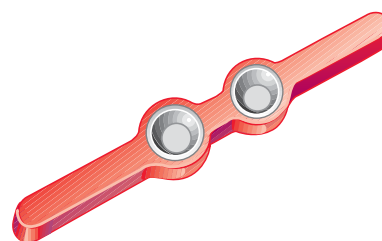
2.00

Height at Cap Nut mm

4.30

Material

HSL/Ag-Pd-Pt



Vario® II-Anchor HSL/Ag-Pd-Pt




REF 53 2401 3300

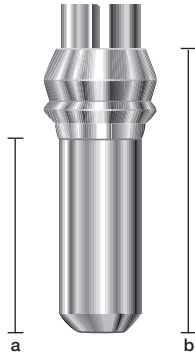
1 piece

Parts and materials	REF	Amount	Image	Pictographs
Screw Cone Ag-Pd-Pt	53 2418 8724	1 piece		
Cap Nut HSL	53 2418 8725	1 piece		
Vario® II Bar RV Plastic/HSL	53 2418 8726	1 piece		




















Bars, Screws

Screws

Parts and materials	REF	Amount	Image
Screw, complete, Length a 2.6 mm, Length b 4.1 mm, Thread Ø M 1.0 mm, Short, HSL/HSL/Titanium, Outer Sleeve Ø 1.6 mm	53 2401 2010	1 piece	
Screw, complete, Length a 4.3 mm, Length b 5.8 mm, Thread Ø M 1.0 mm, Long, HSL/HSL/Titanium, Outer Sleeve Ø 1.6 mm	53 2401 2011	1 piece	
Screw, complete, Length a 2.8 mm, Length b 4.3 mm, Thread Ø M 1.2 mm, Short, HSL/HSL/Titanium, Outer Sleeve Ø 1.8 mm	53 2401 2012	1 piece	
Screw, complete, Length a 4.8 mm, Length b 6.3 mm, Thread Ø M 1.2 mm, Long, HSL/HSL/Titanium, Outer Sleeve Ø 1.8 mm	53 2401 2013	1 piece	
Screw, complete, Length a 3.4 mm, Length b 5.3 mm, Thread Ø M 1.4 mm, Short, HSL/HSL/Titanium, Outer Sleeve 1.8 mm	53 2401 2014	1 piece	
Screw, complete, Length a 5.4 mm, Length b 7.3 mm, Thread Ø M 1.4 mm, Long, HSL/HSL/Titanium, Outer Sleeve 2.0 mm	53 2401 2015	1 piece	



a = Length of the sleeve
b = Length of the overflow ring

Parts and materials	REF	Amount	Image	Pictographs
Sleeve for Screw M 1.0 mm, short, HSL	53 2418 6604	1 piece		
Screw, Single M 1.0 mm, short, Titanium	53 2418 6605	1 piece		
Screw, Single M 1.0 mm, long, Titanium	53 2418 6608	1 piece		
Overflow Ring for Screw M 1.0 mm, HSL	53 2418 6606	1 piece		
Sleeve for Screw M 1.2 mm, short, HSL	53 2418 6609	1 piece		
Screw, Single M 1.2 mm, short, Titanium	53 2418 6611	1 piece		
Sleeve for Screw M 1.2 mm, long, HSL	53 2418 6612	1 piece		
Screw, Single M 1.2 mm, long, Titanium	53 2418 6613	1 piece		
Overflow Ring for Screw M 1.2 mm, HSL	53 2418 6610	1 piece		
Sleeve for Screw M 1.4 mm, short, HSL	53 2418 6614	1 piece		
Screw, Single M 1.4 mm, short, Titanium	53 2418 6616	1 piece		
Sleeve for Screw M 1.4 mm, long, HSL	53 2418 6617	1 piece		
Screw, Single M 1.4 mm, long, Titanium	53 2418 6618	1 piece		
Overflow Ring for Screw M 1.4 mm, HSL	53 2418 6615	1 piece		

GGG-Bar system

The palladium-free GGS bar system is a connector element for partial and hybrid prostheses. It makes translation and rotational movements possible. As a component of the GoldenGate System®, all components are made from Degunorm® and thus contribute to reducing the diversity of alloys in combination restorations. The bar can be soldered or lasered onto cast root copings and between fixed crown and bridge appliances and implants. It is delivered in a soft-annealed state. You can choose between a sleeve with or without retention.



Parts and materials	REF	Amount	Image
GGG Bar System, Bar Micro/ Degunorm® L= 50 mm, H= 2.3 mm, W= 1.6 mm	53 2401 2775	1 piece	
GGG Bar System, Bar Standard/ Degunorm® L= 50 mm, H= 3.0 mm, W= 2.2 mm	53 2401 2777	1 piece	

Parts and materials	REF	Amount	Image	Pictographs
GGG Bar System, Bar, without retention, Standard/ Degunorm®	53 2401 2770	1 piece		
GGG Bar System, Sleeves, Standard, without retention/ Degunorm®	53 2401 2772	1 piece		
GGG Bar System, Sleeves, micro, with Retention/ Degunorm®	53 2401 2778	1 piece		
GGG Bar System, Sleeves, standard, with Retention/ Degunorm®	53 2401 2780	1 piece		

Bars, Screws

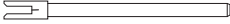
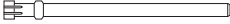
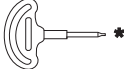
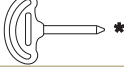


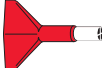
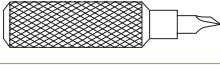




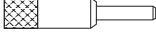












Gilmore Rider



Parts and materials	REF	Amount	Image
Gilmore Rider Degulator®, Ø 1.5 mm, Lenght 200.0 mm	53 1211 1505	1 piece	
Gilmore Rider Degulator®, Ø 1.8 mm, Lenght 200.0 mm	53 1211 1805	1 piece	
Gilmore Rider Degulator®, Ø 2.0 mm, Lenght 200.0 mm	53 1211 2005	1 piece	

Parts and materials	REF	Amount	Image	Pictographs
Gilmore Rider, Round, No Lugs, for 1.5 mm, Bar Ø/Au-Pt	53 2401 2700	1 piece		
Gilmore Rider, Round, No Lugs, for 1.8 mm, Bar Ø/Au-Pt	53 2401 2702	1 piece		
Gilmore Rider, Round, No Lugs, for 2.0 mm, Bar Ø/Au-Pt	53 2401 2704	1 piece		
Gilmore Rider, Round, With Lugs, for 1.5 mm, Bar Ø/Au-Pt	53 2401 2710	1 piece		
Gilmore Rider, Round, With Lugs, for 1.8 mm, Bar Ø/Au-Pt	53 2401 2712	1 piece		
Gilmore Rider, Round, With Lugs, for 2.0 mm, Bar Ø/Au-Pt	53 2401 2714	1 piece		

Tool	REF	Amount	Image	Indication
Erosion Electrode Female Unit (coper)	53 2401 3835	1 piece		multi-CON® 1 Spark erosion/ multi-CON® 90 Spark erosion/ multi-CON® TR
Transfer (Female Unit Shape)	53 2401 4103	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion/ multi-CON® 90/ multi-CON® 90 Spark erosion/ multi-CON® TR/Degutwin®
Parallel Retainer 90 (Male Unit Shape)	53 2401 3829	1 piece		multi-CON® 90/ multi-CON® TR
Parallel Retainer (Male Unit Shape)	53 2401 3830	1 piece		multi-CON® 1
Torque Screwdriver for Activating and fastening Screw including Blade Insert	53 2401 3833	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion/ multi-CON® 90/ multi-CON® 90 Spark erosion
Blade Insert for Torque Screwdriver	53 2401 3834	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion/ multi-CON® 90/ multi-CON® 90 Spark erosion
multi-CON® 1 Modeling Male Unit Al ₂ O ₃	53 2401 3838	1 piece		multi-CON® 1/ multi-CON® TR/ multi-CON® 1 Spark erosion
multi-CON® 1 Duplicating Auxiliary Part (Male Unit) Plastic	53 2401 3837	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion
multi-CON® 90 Duplicating Auxiliary Part (Male Unit) Plastic	53 2401 3839	1 piece		multi-CON® 90/ multi-CON® 90 Spark erosion
multi-CON® 90 Modeling Male Unit Aluminium, Anodised	53 2401 3840	1 piece		multi-CON® 90/ multi-CON® 90 Spark erosion/ multi-CON® TR
Male Unit Holder for Assembly and Reassembly	53 2401 3841	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion/ multi-CON® 90/ multi-CON® 90 Spark erosion
Plastic Modeling Part (RV Plastic)	53 2401 3844	1 piece		multi-CON® 90 Spark erosion/ multi-CON® TR/ multi-CON® 1 Spark erosion
Screwdriver for Activating Screw	53 2401 3845	1 piece		multi-CON® 1/ multi-CON® 1 Spark erosion/ multi-CON® 90/ multi-CON® 90 Spark erosion/ micro-Degutek® APS/ Degutwin®
Duplication Auxiliary Part (Male Unit)	53 2401 4101	1 piece		Degutwin®
Male modeling Unit	53 2401 4102	1 piece		Degutwin®
Parallel Retainer, Male Unit, APS	53 2401 3522	1 piece		micro-Degutek® APS/ mini-Degutek® active/ mini-Degutek® passive
Bonding Aid for APS Retention Sleeve	53 2401 3527	1 piece		micro-Degutek® APS
Assembly pin	53 2401 3434	1 piece		micro-Degutek® APS
Carbon Splint	53 2401 3435	1 piece		micro-Degutek® APS/ mini-Degutek® active/ mini-Degutek® passive

Tool	REF	Amount	Image	Indication
Parallel Retainer, Head Ø 2.0	53 2401 2316	1 piece		Special Attachment
Parallel Retainer	53 2401 2534	1 piece		Ball Anchor System
Activator	53 2401 2535	1 piece		Ball Anchor System
Deactivator	53 2401 2536	1 piece		Ball Anchor System
Transfer Pin	53 2401 2538	1 piece		Ball Anchor System
Vario II Parallel Retainer	53 2401 3310	1 piece		Vario® II-Anchor
Vario II Socket Wrench	53 2401 3311	1 piece		Vario® II-Anchor
Vario II Activation Tool	53 2401 3312	1 piece		Vario® II-Anchor
Vario II Deactivation Tool	53 2401 3313	1 piece		Vario® II-Anchor
Vario II Repair Auxiliary Part	53 2401 3314	1 piece		Vario® II-Anchor
Vario II Mounting Cone	53 2401 3315	1 piece		Vario® II-Anchor
multiSafe Duplicating and Bonding Shaft	53 2401 4215	1 piece		multiSafe-lock
multiSafe Stop Shaft	53 2401 4216	1 piece		multiSafe-lock
multiSafe Polymerisable Sleeve	53 2401 4217	1 piece		multiSafe-lock
multiSafe Shaft Puller	53 2401 4218	1 piece		multiSafe-lock
multiSafe Parallel Retainer, left	53 2401 4261	1 piece		multiSafe-lock
multiSafe Parallel Retainer, right	53 2401 4262	1 piece		multiSafe-lock
multiSafe Duplication Auxiliary Part, left	53 2401 4263	1 piece		multiSafe-lock
multiSafe Duplication Auxiliary Part, right	53 2401 4264	1 piece		multiSafe-lock
Transfer	53 2401 5016	1 piece		extraTec® mini
Parallel Retainer	53 2401 5110	1 piece		extraTec® mini
Duplication Auxiliary Part	53 2401 5112	1 piece		extraTec® mini
Fixation Screw (Steel) for M 1.0	53 2401 2017	1 piece		Screws
Fixation Screw (Steel) for M 1.2	53 2401 2018	1 piece		Screws
Fixation Screw (Steel) for M 1.4	53 2401 2019	1 piece		Screws
Deguffill KE Gold with 1 mixing pad and 1 mixing spatula	53 2401 3900	2x 2,5 g		



The various attachments and other elements have been marked with easy-to-identify symbols (icons). These icons will tell you quickly what you need to know about indications, processing and materials.

Special note



Intracoronary attachment, e.g. multi-CON®



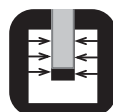
Extracoronary attachment



Intermediary attachment



Retentive attachment, e.g. Vario II attachment



Frictional attachment, e.g. Special attachment



Resilient attachment



Screw-retained attachment



Hinge attachment, e.g. Deguswing®



Attachment allowing rotation around one axis



Attachment allowing free rotation



Attachment for partial or hybrid dentures



Especially for use in the anterior region



Especially for use in unilateral applications



Especially for use in divergent or convergent abutment teeth



Especially for use in dental implantology



Activated, e.g. mini-Degutek®



Finely adjustable, e.g. multi-CON®



Can be shortened to: (mm)



Adhesively attached



Solderable



Cast-to HSL and weldable



Cast-to (Pt-Ir) and weldable



Directly anchored in resin



Spacer technique



Material: burn-out resin



Replaceable male part (screw-retained)



Replaceable male part (adhesively attached)



Do not expose to heat treatment

Materials

Material	Melting range °C	Au	Pt	Pd	Ag	Cu	Zn	Ir	Ti	V	Al	In
HSL	1320 – 1460	60.0	24.9	15.0	–	–	0.1	–	–	–	–	–
HSL-KE16	1420 – 1530	50.9	19.8	26.5	–	–	–	2.8	–	–	–	–
Pt-Ir	1820 – 1850	–	80.0	–	–	–	–	20.0	–	–	–	–
Degulor®	890 – 1010	65.0	8.9	1.0	13.0	11.5	0.5	0.1	–	–	–	–
Degunorm®	900 – 990	73.8	9.0	–	9.2	4.4	2.0	0.1	–	–	–	1.5
Au-Pt	890 – 1010	70.0	4.9	–	12.0	12.4	0.6	0.1	–	–	–	–
Au-Pt-Ag	875 – 925	71.0	4.0	–	14.0	10.0	1.0	–	–	–	–	–
Au-Pt-Pd	1340 – 1470	61.5	20.3	17.5	0.5	–	–	0.2	–	–	–	–
Au-Ag	895 – 960	68.0	7.0	–	14.0	10.0	1.0	–	–	–	–	–
Ag-Pd-Pt	1085 – 1170	–	4.9	35.0	52.5	7.1	0.4	0.1	–	–	–	–
Titan	1604 – 1660	–	–	–	–	–	–	–	90.0	4.0	6.0	–
Plastic MB	polyacetate	Plastic for attachment, compatible to the oral cavity										
Plastic RV	polyethylene	Plastic for attachment, burns out without any residue										

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the first time.



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Telescope and clinical elements play an important and indispensable role in the laboratory's restorative repertory. The properties of Solaris[®] are tailor-made for this indication, creating an ideal complement. Single tooth restorations can be achieved with aesthetically striking results by using them together with the corresponding DeguDent ceramic veneering materials.

Solaris® expendable

Solaris® Gold solution

Gold solution for galvanforming.



REF 53 2545 0052

500 ml

Solaris® Gold Supra solution

Gold solution for galvanforming, developed especially for the double-crown technique and for superstructures.



REF 53 2545 0057

500 ml

Solaris® Activator	50 ml bottle	REF 53 2545 0054
Solaris® Silver Varnish Laquer	5 g bottle	REF 53 2545 0151
Solaris® Thinner for Silver Varnish Laquer	30 ml bottle	REF 53 2545 0058
Solaris® Silver Varnish Laquer Airbrush	30 ml bottle	REF 53 2545 0059
Solaris® Cleaner for Airbrush Kit	250 ml bottle	REF 53 2545 0049
Solaris® Anode Cleaner	500 ml bottle	REF 53 2545 0055

Solaris® Accessories

Dust Cover for Solaris® Unit	1 piece	REF 53 5010 1270
Solaris® Beaker, small	1 piece	REF 53 5010 0106
Solaris® Centering Device for Beaker, small	1 piece	REF 53 5010 0132
Solaris® Beaker, large	1 piece	REF 53 5010 0107
Solaris® Cathode Rod small, Steel	1x 5 piece package	REF 53 5010 0144
Solaris® Cathode Rod large, Steel	1x 5 piece package	REF 53 5010 0143
Solaris® Double Cathode rod, Steel	1x 5 piece package	REF 53 5010 0142
Solaris® Reference Cathode, Steel	1 piece	REF 53 5010 0140
Solaris® Precipitation, Steel	1 piece	REF 53 5010 0141
Solaris® Cathode Slot, Steel	1 piece	REF 53 5010 0119
Solaris® Cathode Block	1 piece	REF 53 5010 0117
Solaris® Comparison Model OK/UK	1 piece	REF 53 5010 0115
Solaris® Anode Cage, Steel	1 piece	REF 53 5010 0145
Solaris® Multi-Lam Plug for Anode Cage, Steel	1 piece	REF 53 5010 0139
Solaris® Brush, Size 2	1 piece	REF d320005
Solaris® Brush, Size 4	1 piece	REF d320004

Solaris® Graduated Cylinder 50 ml	1 piece	REF 53 5010 0103
Solaris® Graduated Cylinder 250 ml	1 piece	REF 53 5010 0102
Solaris® Magnetic Stir Bar	1 piece	REF 53 5010 0104
Solaris® Magnetic Stir Bar, triangular	1 piece	REF 53 5010 0133
Solaris® Recycling Sponge	5 pieces	REF 53 5010 0135

Solaris® Friction Renewal and Gold Plating

Solaris® Pre-Liquid

Degreasing and activation liquid for friction renewal and gold plating.



REF 53 2545 0148

1000 ml

Solaris® Flash-Liquid

Electroplating liquid for Pre-plating and friction renewal and gold plating.



REF 53 2545 0149

500 ml

Solaris® friction cathode holder

Object holder for electroplating processes friction renewal and gold plating.



REF 53 5010 0146

1 piece

Solaris® friction Beaker, 1000 ml (do not use with Solaris® Unit)	1 piece	REF 53 5010 0148
Solaris® friction cathode wire	8 units	REF 53 5010 0147

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ROTARY INSTRUMENTS



The right selection in top-quality

With the TwisTec® family of instruments, DeguDent offers you a complete series of rotating tools that let you tackle any material with the perfect tool for the purpose. Material-specific instruments are an important quality aspect when it comes to achieving reliable high quality in prosthodontics. When putting together the various individual TwisTec® kits, we made sure to follow closely the sequence of working steps in the lab, letting you process your prosthetic assignments in the most economical manner possible.

The ISO number and its meaning

ISO	500	104	194	110	023
	Material of the working part:	Instrument shaft (length and diameter):	Shape of the working part:	Cut/grit of the working part:	Maximum diameter of the working part:
The ISO number is composed of five groups of digits whose meaning is explained above.	e. g. 500 tungsten carbide or 80x sintering diamond or 6xx corundum abrasive	e. g. 103 laboratory hand piece, short, 2.35 mm or 104 laboratory hand piece, long, 2.35 mm or 123 laboratory hand piece, short, 3.00 mm	e. g. 194 taper or 239 pear or 289 torpede	e. g. 110 cross-cut, super-fine or 514 grit $\leq 50 \mu\text{m}$ or 001 bur cut, straight	e. g. 023 2.3 mm or 070 7.0 mm

Tungsten carbide cutters

No.	Material	Application examples	Max. speed (rpm)
1	Model plaster, stone	Working on stone dies	15.000 – 20.000
2	Model plaster, stone	Working on stone dies	8.000 – 10.000
3	Model plaster, stone	Wet plaster, rough material reduction	10.000
4	Model plaster, stone	Dry plaster, rough material reduction	10.000
5	CoCr casting alloys	Rough trimming, contouring	15.000 – 20.000
6	CoCr casting alloys	Rough trimming	10.000 – 15.000
7	Denture resins and tray materials	Rough trimming	15.000 – 20.000
8	Denture resins and tray materials	Rough trimming	10.000 – 15.000
9	Precious alloys (inlays, onlays, crowns, bridges, combination and telescope works)	For fine and detailed trimming, to smoothen surfaces, occlusal areas and margins. Improves bond strength. Metal-ceramics or resin.	15.000 – 30.000
10	Non-precious alloys (crowns, bridges, combination restorations and telescopic crowns)	For fine and detailed trimming, to smoothen surfaces, occlusal areas and margins. Improves bond strength. Metal-ceramics or resin.	15.000 – 30.000
11	CoCr casting alloys	Fine trimming and smoothing	15.000 – 20.000
12	CoCr casting alloys	Fine trimming and smoothing	10.000 – 15.000
13	Denture resins and tray materials	Removing fins	10.000 – 15.000
14	Denture resins and tray materials	Gingiva matrix contouring and fine finishing	15.000 – 20.000
15	Denture resins and tray materials	Gingiva matrix contouring and fine finishing	10.000 – 15.000
16	Titanium	Trimming and contouring	15.000 – 20.000
17	Titanium	Trimming and contouring	10.000 – 15.000
18	Precious and non-precious alloys	For fine and detailed trimming, to smoothen surfaces, contour occlusal areas, margins and ceramic-metal transition areas.	15.000 – 20.000
19	Veneering resins	For fine and detailed trimming, to smoothen surfaces, contour occlusal areas, margins and ceramic-metal transition areas.	15.000 – 20.000

Diamond cutters

No.	Material	Application examples:	Max. speed (rpm)
		Contouring	
20	Ceramic material	Fissures	40.000
21	Ceramic material	Occlusal surfaces	40.000
22	Ceramic material	Cervical surfaces	40.000
23	Ceramic material	Labial surfaces	40.000
24	Ceramic material	Lingual surfaces	40.000
25	Ceramic material	Interdental spaces	40.000
26	Ceramic material	Abrasions characteristics (for veneers)	40.000
27	Ceramic material	Internal corrections (all-ceramics)	40.000

Protective measures:

1. Wear eye protection (goggles).
2. Remove dust particles by vacuum. Do not inhale.
3. Wear respiratory protection wherever possible.

Safety notes:

1. Push the instruments as deeply as possible into the chuck.
2. Do not exceed the maximum speed.
3. Do not jam or cant instruments.
4. Do not exert excessive contact pressure.
5. Do not use instruments that are damaged.
6. Centre and align all separating discs.

Tungsten carbide cutters

DeguDent offers a complete range of innovative high-quality tungsten carbide cutters suitable for the treatment of almost any material.

The selection of the cut and the geometry of the instruments are tailored to the material to be machined.

Durability, milling characteristics and removal performance are direct functions of speed and contact pressure and the properties of the material to be machined. To select the right shape and cut, please consult our Application Guide on page 120.

Exceeding the maximum speed constitutes a safety hazard.

TC cutter, cross-cut, super-fine (yellow ring)

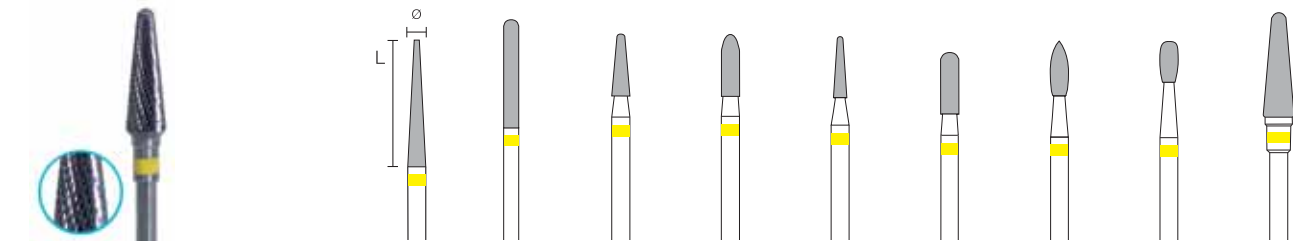
Used for: Precious alloys, non-precious alloys, composite

Cut: ISO 110

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Cylinder	Cone	Torpedo	Cone	Cylinder	Flame	Egg Shape	Cone
L mm	14.0	16.0	8.0	8.0	8.0	8.0	7.0	5.3	14.1
Ø mm	2.3	2.3	2.3	2.3	1.6	2.3	2.3	2.3	4.0
Maximum speed (rpm)	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	30.000
Application*	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	9, 10, 18, 19	18, 19
ISO 500 104 ...	194 110 023	137 110 023	198 110 023	289 110 023	184 110 016	141 110 023	257 110 023	237 110 023	194 110 040
REF 53 5990 ...	0033	0034	0035	0036	0037	0038	0039	0040	0041



see Application* page 120

TC cutter, cross-cut, fine (red ring)

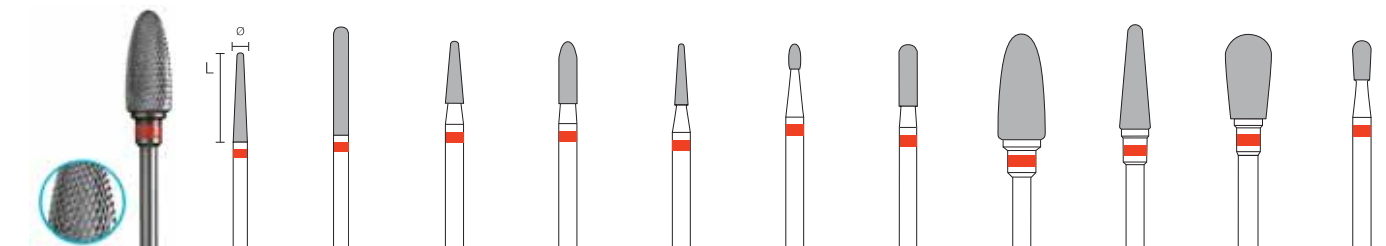
Used for: Precious alloys

Cut: ISO 140

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Cylinder	Cone	Torpedo	Cone	Egg Shape	Cylinder	Bud	Cone	Pear	Pear
L mm	14.0	16.0	8.0	8.0	8.0	3.1	8.0	13.9	14.1	11.0	5.0
Ø mm	2.3	2.3	2.3	2.3	1.6	1.4	2.3	6.0	4.0	6.0	2.3
Maximum speed (rpm)	40.000	40.000	40.000	40.000	40.000	40.000	40.000	30.000	30.000	20.000	40.000
Application*	9, 10, 11, 14	9, 10, 11, 14	9, 10, 11, 14	9, 10, 11, 14	9, 10, 11, 14	9, 10, 11, 14	9, 10, 11, 14	11, 15	11, 15	11, 15	9, 10, 11, 14
ISO 500 104 ...	194 140 023	137 140 023	197 140 023	289 140 023	198 140 016	277 140 014	141 140 023	274 140 060	194 140 040	237 140 060	237 140 023
REF 53 5990 ...	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022

TC cutter, cross-cut, standard (blue ring)

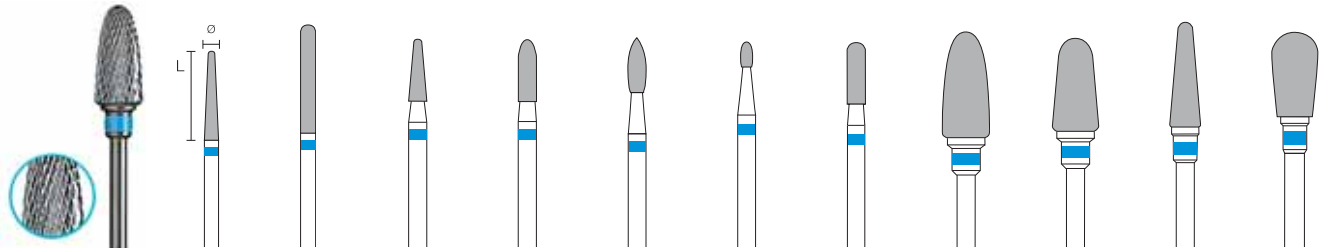
Used for: Precious alloys, CoCr, non-precious alloys, dental stone, resin

Cut: ISO 190

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Cylinder	Cone	Torpedo	Flame	Egg Shape	Cylinder	Bud	Cone	Cone	Pear
L mm	14.0	16.0	8.0	8.0	7.0	3.1	8.0	14.2	12.2	14.1	11.0
Ø mm	2.3	2.3	2.3	2.3	2.3	1.4	2.3	6.0	6.0	4.0	6.0
Maximum speed (rpm)	40.000	40.000	40.000	40.000	40.000	40.000	40.000	20.000	20.000	30.000	20.000
Application*	1, 5, 7	1, 5, 7	1, 5, 7	1, 5, 7	1, 5, 7	1, 5, 7	1, 5, 7	2, 6, 8	2, 6, 8	2, 6, 8	2, 6, 8
ISO 500 104 ...	194 190 023	137 190 023	198 190 023	289 190 023	257 190 023	277 190 014	141 190 023	274 190 060	263 190 060	194 190 040	237 190 060
REF 53 5990 ...	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011



see Application* page 120

TC cutter, cross-cut, medium-coarse (3 black rings)

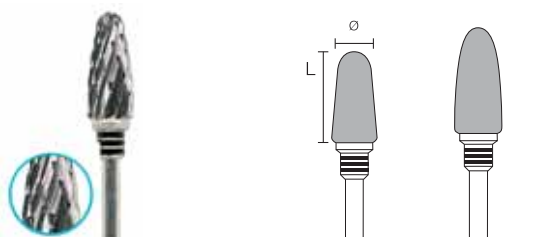
Used for: Dental stone, resin, plaster (dry)

Cut: ISO 221

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Bud
L mm	12.2	13.9
Ø mm	6.0	6.0
Maximum speed (rpm)	20.000	20.000
Application*	4, 13	4, 13
ISO 500 104 ...	263 221 060	274 221 060
REF 53 5990 ...	0044	0045

TC cutter, cross-cut, coarse (green ring)

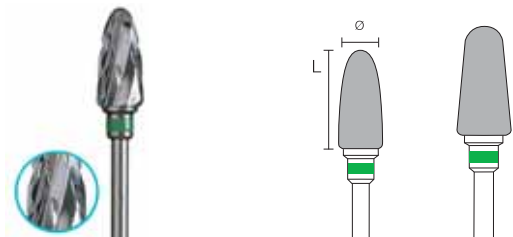
Used for: Resins

Cut: ISO 220

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Bud	Cone
L mm	13.9	14.2
Ø mm	6.0	7.0
Maximum speed (rpm)	20.000	20.000
Application*	4, 13	4, 13
ISO 500 104 ...	274 220 060	263 220 070
REF 53 5990 ...	0042	0043

Tungsten carbide cutters

TC cutter, cross-cut, super-coarse (black ring)

Used for: Resins

Cut: ISO 223

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone
L mm	14.2
Ø mm	7.0
Maximum speed (rpm)	20.000
Application*	3
ISO 500 104 ...	263 223 070
REF 53 5990 ...	0046

TC cutter, spiral-cut, coarse (black ring)

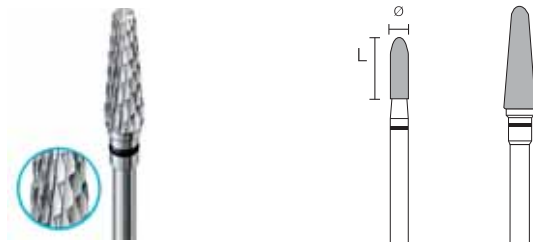
Used for: Reduced-gold alloys, non-precious alloys, titanium

Cut: ISO 194

Shank diameter: ISO 104, 2.35mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Torpedo	Cone
L mm	8.0	13.0
Ø mm	2.3	4.0
Maximum speed (rpm)	40.000	30.000
Application*	1, 5, 16	1, 6, 17
ISO 500 104 ...	289 194 023	194 194 040
REF 53 5990 ...	0031	0032



see Application* page 120

TC cutter, spiral-cut, coarse, superfine (3 purple rings)

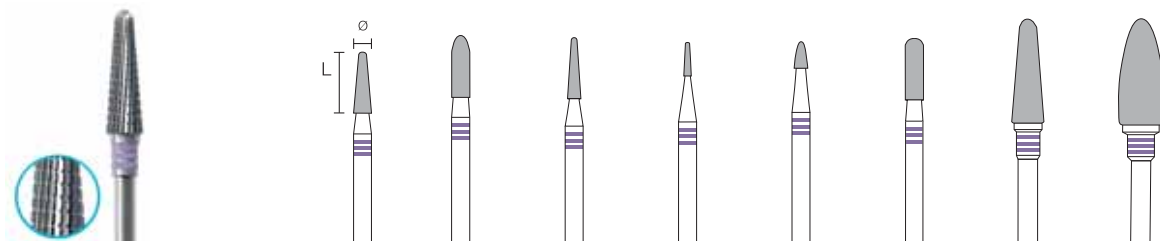
Used for: Reduced-gold alloys, non-precious alloys, titanium

Cut: ISO 137

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Torpedo	Cone	Cone	Grenade	Cylinder	Cone	Bud
L mm	8.0	8.0	8.0	4.2	3.5	8.0	13.7	14.2
Ø mm	2.3	2.3	1.6	0.8	1.4	2.3	4.0	6.0
Maximum speed (rpm)	40.000	40.000	40.000	40.000	40.000	40.000	30.000	20.000
Application*	5, 16	5, 16	5, 16	5, 16	5, 16	5, 16	6, 17	6, 17
ISO 500 104 ...	198 137 023	289 137 023	198 137 016	196 137 008	274 137 014	141 137 023	194 137 040	274 137 060
REF 53 5990 ...	0023	0024	0025	0026	0027	0028	0029	0030

TC cutter, spiral-cut, fine (purple ring)

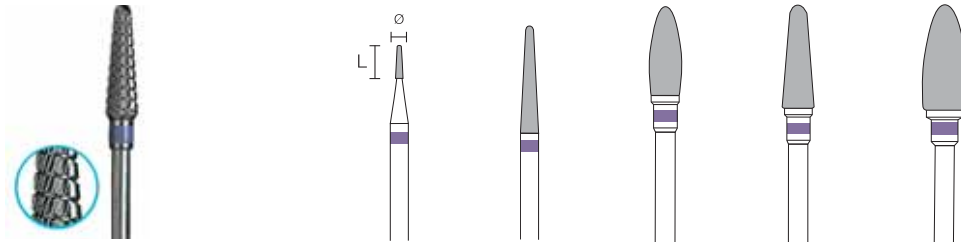
Used for: Reduced-gold alloys, non-precious alloys, titanium

Cut: ISO 134

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



Shape	Cone	Cone	Pear	Cone	Bud
L mm	4.2	14.0	11.5	13.7	13.9
Ø mm	0.8	2.3	4.0	4.0	6.0
Maximum speed (rpm)	40.000	40.000	30.000	30.000	20.000
Application*	5, 16	5, 16	6, 17	6, 17	6, 17
ISO 500 104 ...	196 134 008	194 134 023	274 134 040	194 134 040	274 134 060
REF 53 5990 ...	0054	0050	0053	0052	0051



see Application* page 120

TC repair cutter

Used for: Roughening of acrylic teeth and dentures

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



L mm	3.5
Ø mm	6.0
Maximum speed (rpm)	ca. 5.000
ISO 500 104 ...	118 174 060
REF 53 5990 ...	0048

TC tricutter bur

Used for: Vacuum formed foil, tray material

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Packing unit: 1 per box



L mm	9.0
Ø mm	2.3
ISO 500 104 ...	467 211 023
REF 53 5990 ...	0047

TC bur, round

Used for: Metal, resin (e. g. fissure shaping at 5,000 – 40,000 rpm)

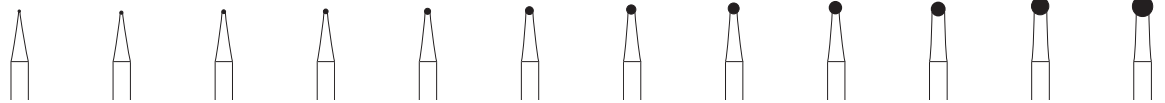
Cut: 001

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Maximum speed: 5,000 – 50,000 rpm

Packing unit: 6 per box/pack



Ø mm	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.3	2.7
ISO 500 104 001 001 ...	003	004	005	006	008	010	012	014	016	018	023	027
REF 53 5990 ...	0200	0201	0202	0203	0204	0205	0206	0207	0208	0209	0210	0211

TC bur, inverted cone

Used for: Metal, resin

Cut: 010 with tip cut

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Maximum speed: 5,000 – 50,000 rpm

Packing unit: 6 per box/pack



L mm	1.7
Ø mm	1.8
ISO 500 104 ...	010 001 018
REF 53 5990 ...	0212

TC Fissure bur

Used for: Metal, resin

Cut: 006 with tip cut

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Maximum speed: 5,000 – 50,000 rpm

Packing unit: 6 per box/pack



L mm	4.2
Ø mm	0.9
ISO 500 104 ...	107 006 009
REF 53 5990 ...	0213

Fissure bur, Cone

Used for: Metal, resin

Cut: 007 with tip cut and transverse section

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Maximum speed: 5,000 – 50,000 rpm

Packing unit: 6 per box/pack



L mm	4.2
Ø mm	1.2
ISO 500 104 ...	168 007 012
REF 53 5990 ...	0214

TC finisher

Used for: Metal

Cut: ISO 213, six-sided

Shank diameter: ISO 104, 2.35 mm

Shank length: ISO 104, hand piece

Maximum speed: 50,000 rpm

Packing unit: 6 per box/pack



L mm	2.5
Ø mm	1.0
ISO 500 104 ...	467 213 010
REF 53 5990 ...	0300

Instruments for the milling technique should be used exclusively in a milling unit. In addition to the 2.35 mm shank diameter (ISO 103) offered, we especially recommend the 3.00 mm shank diameter (ISO 123) for a smoother run. The shank lengths correspond to ISO 103 and 123, hand piece, short.

For wax shaping, the tool should be wetted with Waxit (REF 53 2518 0013). For metal machining, it should be wetted with a suitable type machine oil. Instruments for fine milling – when wrapped in cotton and soaked in polishing paste – can also be used for polishing metal surfaces.

Wax cutter, parallel, round

Used for: Trimming of parallel wax models, cut-down milling

Cut: ISO 364

Maximum speed: 3,000 – 5,000 rpm

Packing unit: 1 per box



L mm		8.0	10.0
Ø mm		1.0	1.5
Ø 2.35 mm	ISO 500 103 137 364 ...	010	015
	REF 53 5990 ...	1200	1201
Ø 3.00 mm	ISO 500 123 137 364 ...	010	015
	REF 53 5990 ...	1202	1203

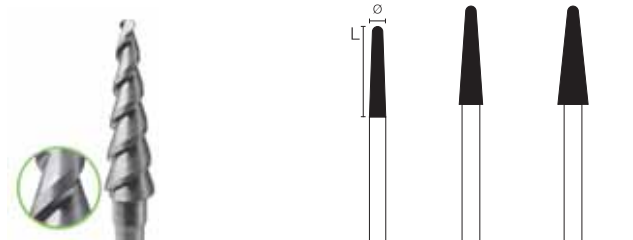
Wax cutter, conical, round

Used for: Trimming of tapered wax models, cut-down milling

Cut: ISO 364

Maximum speed: 3,000 – 5,000 rpm

Packing unit: 1 per box



Angle		2°	4°	6°
L mm		13.0	13.0	13.0
Ø mm		2.3	3.1	4.0
Ø 2.35 mm	ISO 500 103 200 364 ...	023	031	040
	REF 53 5990 ...	1204	1205	1206
Ø 3.00 mm	ISO 500 123 200 364 ...	023	031	040
	REF 53 5990 ...	1207	1208	1209

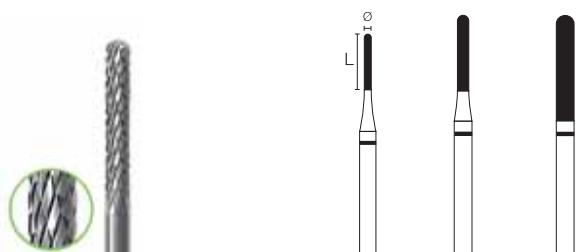
Parallel cutter, cross-cut, coarse

Used for: Pre-milling or coarse milling, reverse milling

Cut: ISO 220

Maximum speed: 10,000 rpm

Packing unit: 1 per box



L mm		8.0	10.0	15.0
Ø mm		1.0	1.5	2.3
Ø 2.35 mm	ISO 500 103 137 220 ...	010	015	023
	REF 53 5990 ...	1100	1101	1102
Ø 3.00 mm	ISO 500 123 137 220 ...	010	015	023
	REF 53 5990 ...	1103	1104	1105

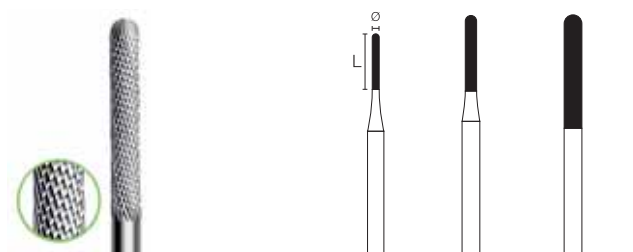
Parallel cutter, cross-cut, standard

Used for: Pre-milling or coarse milling, reverse milling

Cut: ISO 190

Maximum speed: 10,000 rpm

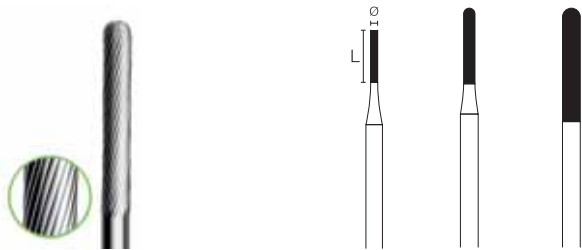
Packing unit: 1 per box



L mm		8.0	10.0	15.0
Ø mm		1.0	1.5	2.3
Ø 2.35 mm	ISO 500 103 137 190 ...	010	015	023
	REF 53 5990 ...	1106	1107	1108
Ø 3.00 mm	ISO 500 123 137 190 ...	010	015	023
	REF 53 5990 ...	1109	1110	1111

Parallel cutter, plain-cut

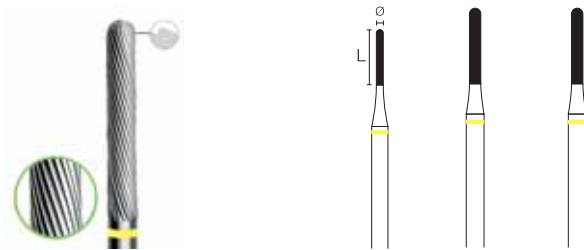
Used for: Fine milling, reverse milling
 Cut: ISO 103
 Maximum speed: 10,000 rpm (polishing: 3,000 rpm)
 Packing unit: 1 per box



L mm		8.0	10.0	15.0
Ø mm		1.0	1.5	2.3
Ø 2.35 mm	ISO 500 103 137 103 ...	010	015	023
	REF 53 5990 ...	1112	1113	1114
Ø 3.00 mm	ISO 500 123 137 103 ...	010	015	023
	REF 53 5990 ...	1115	1116	1117

Parallel cutter, plain-cut

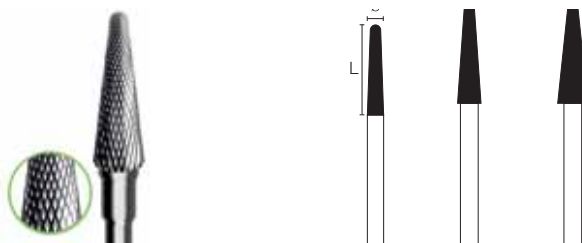
Used for: Fine milling, reverse milling
 Cut: ISO 103
 Left twist, chamfer ground section
 Maximum speed: 15,000 rpm (polishing: 3,000 rpm)
 Packing unit: 1 per box



L mm		8.0	10.0	15.0
Ø mm		1.0	1.5	2.3
Ø 2.35 mm	ISO 500 103 137 103 ...	010	015	023
	REF 53 5990 ...	1118	1119	1120
Ø 3.00 mm	ISO 500 123 137 103 ...	010	015	023
	REF 53 5990 ...	1121	1122	1123

Conical cutter, cross-cut, standard

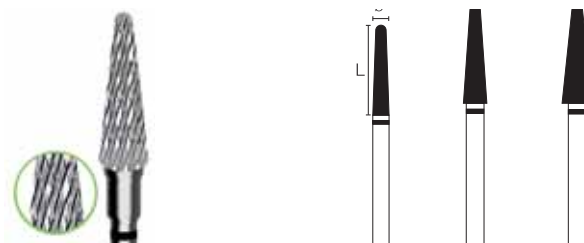
Used for: Pre-milling or coarse milling of conical crowns, reverse milling
 Cut: ISO 190
 Maximum speed: 5,000 – 10,000 rpm
 Packing unit: 1 per box



Angle		2°	4°	6°
Ø mm		2.3	3.1	4.0
Ø 2.35 mm	ISO 500 103 200 190 ...	023	031	040
	REF 53 5990 ...	1007	1008	1009
Ø 3.00 mm	ISO 500 123 200 190 ...	023	031	040
	REF 53 5990 ...	1010	1011	1012

Conical cutter, cross-cut, coarse

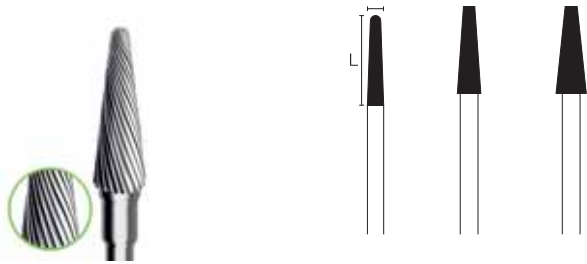
Used for: Pre-milling or coarse milling of conical crowns, reverse milling
 Cut: ISO 220
 Maximum speed: 5,000 – 10,000 rpm
 Packing unit: 1 per box



Angle		2°	4°	6°
Ø mm		2.3	3.1	4.0
Ø 2.35 mm	ISO 500 103 200 220 ...	023	031	040
	REF 53 5990 ...	1001	1002	1003
Ø 3.00 mm	ISO 500 123 200 220 ...	023	031	040
	REF 53 5990 ...	1004	1005	1006

Conical cutter, plain-cut

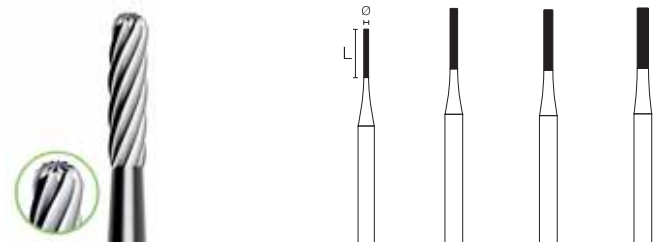
Used for: Fine milling of conical crowns reverse milling
 Cut: ISO 123
 Maximum speed: 5,000 – 10,000 rpm
 Packing unit: 1 per box



Angle		2°	4°	6°
Ø mm		2.3	3.1	4.0
Ø 2.35 mm	ISO 500 103 200 123 ...	023	031	040
	REF 53 5990 ...	1013	1014	1015
Ø 3.00 mm	ISO 500 123 200 123 ...	023	031	040
	REF 53 5990 ...	1016	1017	1018

Channel cutter

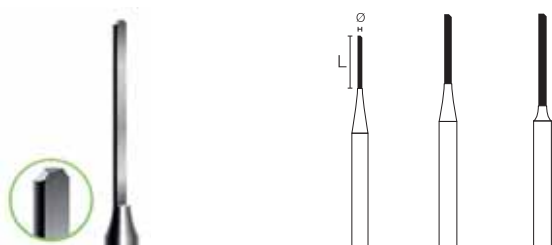
Used for: Milling and fine milling of grooves, holes, reverse milling
 Cut: ISO 175
 Maximum speed: 2,000 – 5,000 rpm
 Packing unit: 1 per box



L mm		7.0	8.0	8.0	8.0
Ø mm		0.7	1.0	1.2	1.5
Ø 2.35 mm	ISO 500 103 538 175 ...	007	010	012	015
	REF 53 5990 ...	1300	1301	1302	1303
Ø 3.00 mm	ISO 500 123 538 175 ...	007	010	012	015
	REF 53 5990 ...	1304	1305	1306	1307

Tube drill

Used for: Smoothing of drilling walls
 Cut: ISO 382
 Maximum speed: 3,000 – 5,000 rpm
 Packing unit: 1 per boxes



L mm		7.5	9.0	12.0
Ø mm		0.7	1.0	1.2
Ø 2.35 mm	ISO 500 103 107 382 ...	007	010	012
	REF 53 5990 ...	1400	1401	1402
Ø 3.00 mm	ISO 500 123 107 382 ...	007	010	012
	REF 53 5990 ...	1403	1404	1405

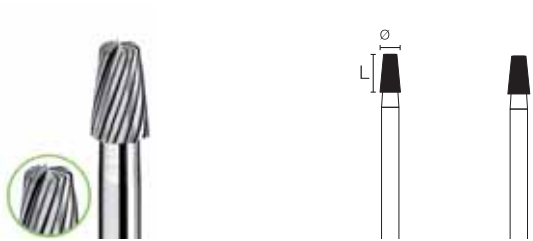
Shoulder cutter

Used for: Milling (countersinking) of (concentric) shoulders

Cut: ISO 175

Maximum speed: 3,000 rpm

Packing unit: 1 per box



Angle		2°	4°
Ø mm		2.7	2.9
Ø 2.35 mm	ISO 500 103 205 175 ...	027	029
	REF 53 5990 ...	1500	1501
Ø 3.00 mm	ISO 500 123 205 175 ...	027	029
	REF 53 5990 ...	1502	1503

Centring drill

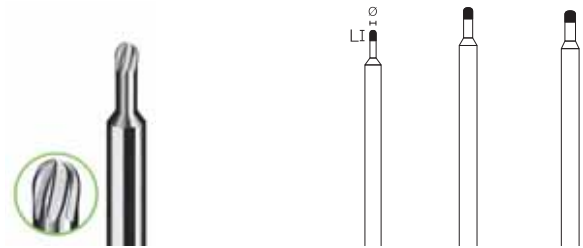
Used for: Placing centring marks for subsequent drilling

Length: 5.0 mm

Cut: ISO 001

Maximum speed: 5,000 rpm

Packing unit: 1 per box



L mm		5.0	5.0	5.0
Ø mm		0.9	1.2	1.4
Ø 2.35 mm	ISO 500 103 153 001 ...	009	012	014
	REF 53 5990 ...	1700	1701	1702
Ø 3.00 mm	ISO 500 123 153 001 ...	009	012	014
	REF 53 5990 ...	1703	1704	1705



see Application* page 120

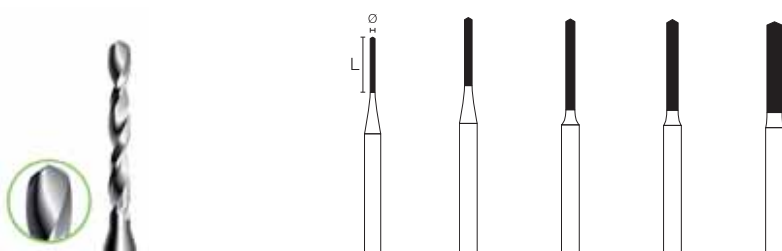
Twist drill

Used for: Drilling core holes grooves and attachment holes

Cut: ISO 364

Maximum speed: 5,000 – 10,000 rpm

Packing unit: 1 per box



L mm		8.0	9.0	12.0	12.0	12.0
Ø mm		0.7	1.0	1.2	1.5	2.0
Ø 2.35 mm	ISO 500 103 423 364 ...	007	010	012	015	020
	REF 53 5990 ...	1600	1601	1602	1603	1610
Ø 3.00 mm	ISO 500 123 423 364 ...	007	010	012	015	
	REF 53 5990 ...	1604	1605	1606	1607	

Diamond cutters with 1.6 mm shank diameter (FG) are designed for laboratory turbine units. Their excellent concentric running properties permit very high speeds. We therefore recommend water cooling while treating surfaces of structure or veneering ceramics.

TwisTec® diamond cutters for turbines create very smooth surfaces thanks to their homogeneously distributed diamonds. They are also extremely long-lasting.

Only natural diamonds with grain sizes ranging from 40 µm to 110 µm are used in the fabrication of TwisTec® diamond cutters.

Diamond cutters for turbines, round

Recommended speed: approx. 150,000 rpm

Packing units:

REF 53 5990 3030 and 3031: 3 per box

REF 53 5990 3032: 5 per box



Shape	Round	Round	Round long
L mm	0.0	0.0	0.0
Ø mm	2.1	2.1	1.4
Grain size	110 µm	40 µm	110 µm
ISO	W806 314 001 524 021	W806 314 001 514 021	806 314 697 524 014
REF 53 5990 ...	3030	3031	3032

Diamond cutters for turbines, bud

Recommended speed: approx. 150,000 rpm

Packing unit: 3 per box



Shape	Bud	Bud
L mm	5.5	5.5
Ø mm	2.0	2.0
Grain size	110 µm	40 µm
ISO	W806 314 257 524 020	W806 314 257 514 020
REF 53 5990 ...	3033	3034

Diamond cutters for turbines, cylinder

Recommended speed: approx. 150,000 rpm

Packing unit: 3 per box



Shape	Cylinder	Cylinder
L mm	8.0	8.0
Ø mm	1.4	1.4
Grain size	110 µm	40 µm
ISO	W806 314 141 524 014	W806 314 141 514 014
REF 53 5990 ...	3035	3036

Diamond cutters for turbines, torpedo

Recommended speed: approx. 150,000 rpm

Packing unit: 3 per box



Shape	Torpedo	Torpedo
L mm	10.0	10.0
Ø mm	1.4	1.4
Grain size	110 µm	40 µm
ISO	W806 314 299 524 014	W806 314 299 514 014
REF 53 5990 ...	3037	3038

Diamond cutters for turbines

Diamonds for turbines, Cylinder

Recommended speed: approx. 150,000 rpm
Packing unit: 3 per box



Shape	Cylinder	Cylinder	Cylinder	Cylinder
Ø mm	1.0	1.0	1.0	1.0
Grain size	6 µm	18 µm	40 µm	80 µm
ISO	806 316 137 494 010	806 316 137 504 010	806 316 137 514 010	806 316 137 524 010
REF 53 5990 ...	3050	3051	3052	3053

Diamonds for turbines, Cone

Recommended speed: approx. 150,000 rpm
Packing unit: 3 per box

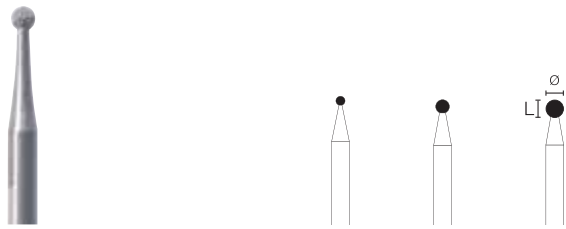


Angle	2°	2°	2°	2°
Shape	Cone	Cone	Cone	Cone
Ø mm	2.3	2.3	2.3	2.3
Grain size	6 µm	18 µm	40 µm	80 µm
ISO	806 316 200 494 023	806 316 200 504 023	806 316 200 514 023	806 316 200 524 023
REF 53 5990 ...	3054	3055	3056	3057

Diamond cutters are primarily for the treatment of ceramics. DeguDent TwisTec® diamonds are made almost exclusively from natural diamonds (grits of 110 – 120 µm/ISO 524 or 135 µm/ISO 534) and are galvanically or organically bound. The use of organic binders ensures a maximum of biocompatibility with the ceramics used in dental technology. The shaft diameter is 2.35 mm (ISO 104), suitable for laboratory hand pieces (HP).

Diamond, Round

Maximum speed: 40,000 rpm
Packing unit: 3 per box



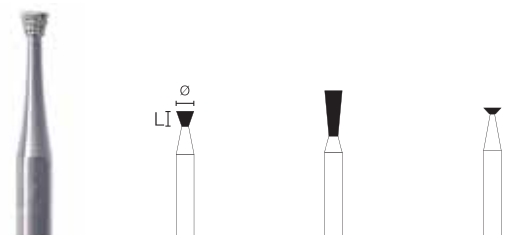
Shape	Round	Round	Round
Ø mm	1.2	1.8	2.3
Grain size	110-120 µm	110-120 µm	110-120 µm
Application*	21, 22	21, 22	21, 22
ISO 806 104 001 524 ...	012	018	023
REF 53 5990 ...	3001	3002	3003



see Application* page 120

Diamond, Inverted cone

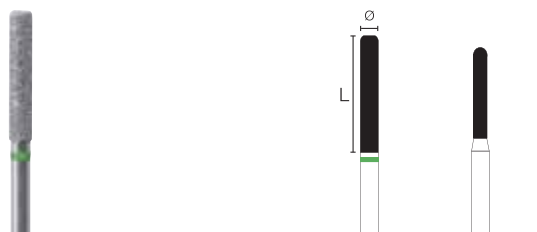
Maximum speed: 40,000 rpm
Packing unit: 3 per box



Shape	Inverted cone, short	Inverted cone, long	Inverted cone, short
L mm	2.0	6.0	0.8
Ø mm	2.3	2.3	2.3
Grain size	110-120 µm	110-120 µm	110-120 µm
Application*	20, 21, 22	21, 23, 24	20, 25
ISO 806 104 ...	010 524 023	225 524 023	014 524 023
REF 53 5990 ...	3004	3005	3006

Diamond, Cylinder

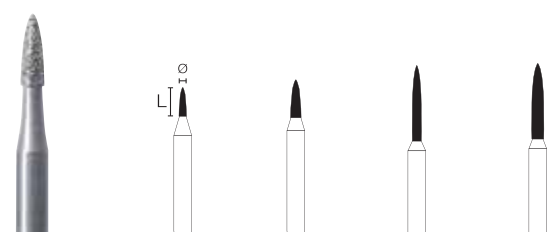
Maximum speed: 40,000 rpm
Packing unit: 3 per box



Shape	Round Edge	Cylinder, round
L mm	15.0	12.0
Ø mm	2.3	1.8
Grain size	135 µm	110-120 µm
Application*	23	23
ISO 806 104 ...	158 534 023	143 524 018
REF 53 5990 ...	3007	3008

Diamond, Flame

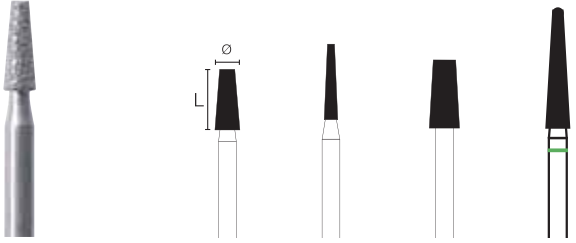
Maximum speed: 40,000 rpm
Packing unit: 3 per box



Shape	Flame	Flame	Flame	Flame
L mm	4.0	5.0	10.0	10.0
Ø mm	1.0	1.4	1.2	1.6
Grain size	110-120 µm	110-120 µm	110-120 µm	110-120 µm
Application*	20, 21, 27	20, 21, 27	23, 25, 27	23, 25, 27
ISO 806 104 ...	247 524 010	247 524 014	250 524 012	250 524 016
REF 53 5990 ...	3017	3018	3019	3020

Diamond, Cone

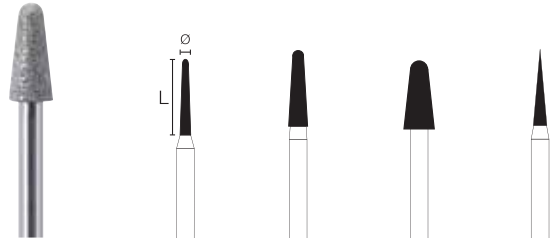
Maximum speed: 40,000 rpm
Packing unit: 3 per box



Shape	Flat	Flat	Flat	Long, round
L mm	8.0	10.0	9.0	15.0
Ø mm	3.3	1.8	4.0	2.3
Grain size	110-120 µm	110-120 µm	110-120 µm	135 µm
Application*	23, 25	22, 23, 25	22, 23, 25	21, 23, 24, 25
ISO 806 104 ...	172 524 033	173 524 018	173 524 040	175 534 023
REF 53 5990 ...	3009	3010	3011	3012

Diamond, Cone

Maximum speed: 40,000 rpm
Packing unit: 3 per box




Shape	Round	Round	Round	Point
L mm	10.0	10.0	9.0	10.0
Ø mm	1.4	2.5	4.0	1.8
Grain size	110-120 µm	110-120 µm	110-120 µm	110-120 µm
Application*	22, 23, 24	22, 23, 24	22, 23, 24, 26	20, 21, 23, 25
ISO 806 104 ...	199 524 014	199 524 025	199 524 040	166 524 018
REF 53 5990 ...	3013	3014	3015	3016



see Application* page 120

Diamond, Wheel

Maximum speed: 40,000 rpm
Packing unit: 3 per box



Shape	Wheel
L mm	1.5
Ø mm	4.0
Grain size	110-120 µm
Application*	26
ISO 806 104 ...	068 524 040
REF 53 5990 ...	3021

Diamond, Bud

Maximum speed: 40,000 rpm
Packing unit: 3 per box

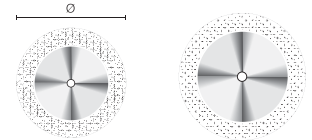


Shape	Bud
L mm	5.0
Ø mm	2.3
Grain size	110-120 µm
Application*	21, 26, 27
ISO 806 104 ...	257 524 023
REF 53 5990 ...	3022

Perforated diamond discs ensure good visibility of the area to be separated as they rotate. Diamond discs for plaster sectioning are characterized by specially segmented cutting edges that ensure that the dust is moved away from the cutting site, avoiding blockage of the rotation movement. All Twistec® diamond discs are bilateral cutting disks with a fixed mount. Improper use – disregarding the proper speed, canting, excessive pressure – constitutes a safety hazard. Place the discs as closely into the chuck. Make sure it reaches its operating speed before touching the work piece.

Diamond disc for coarse pre-separating of ceramics (blue ring)

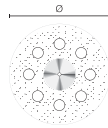
Used for: Pre-separating
 Thickness: 0.25 mm
 Grit: ISO 524, 100 µm
 Packing unit: 1 per box



Ø mm	19.0	22.0
Maximum speed (rpm)	20.000	15.000
ISO 806 104 355 524 ...	190	220
REF 53 5990 ...	3104	3105

Diamond disc for pre-separating of ceramic (red ring)

Used for: Fine and coarse pre-separating
 Thickness: 0.2 mm
 Grit: ISO 514, 50 µm
 Packing unit: 1 per box



Ø mm	22.0
Maximum speed (rpm)	15.000
ISO 806 104 ...	335 514 220
REF 53 5990 ...	3101

Diamond Disc for separating ceramics (red ring)

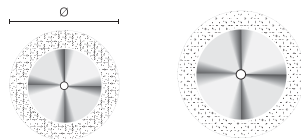
Used for: Pre-cutting
 Thickness: 0.15 mm
 Grit: ISO 514, 50 µm
 Packing unit: 1 per box



Ø mm	22.0
Maximum speed (rpm)	15.000
ISO 806 104 ...	396 514 220
REF 53 5990 ...	3106

Diamond disc for super-fine separating of ceramics (yellow ring)

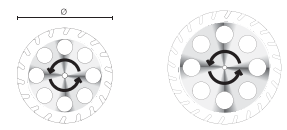
Used for: Super-fine separating
 Thickness: 0.12 mm
 Grit: ISO 504, 30 µm
 Packing unit: 1 per box



Ø mm	19.0	22.0
Maximum speed (rpm)	20.000	15.000
ISO 806 104 355 504 ...	190	220
REF 53 5990 ...	3102	3103

Diamond disc for separating plaster (blue ring)

Used for: Separating dies
 Thickness: 0.35 mm
 Grit: ISO 524, 100 µm
 Packing unit: 1 per box



Ø mm	30.0	45.0
Maximum speed (rpm)	10.000	10.000
ISO 806 104 365 524 ...	300	450
REF 53 5990 ...	3107	3108

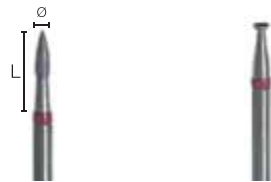
Sintered diamonds

The working part of sintered diamonds consists of diamonds throughout (between 50 and 180 µm grits) with a metal bond. These instruments (2.35 mm shank diameter/ ISO 104) are suitable for almost all materials such as ceramics, CoCr or non-precious alloys. (Not suitable for surfaces to be veneered with ceramics.) They are characterized by their lifetime, reduced heat during operation and a homogeneous grinding result.

Note that the surfaces of sintered diamonds must be cleaned with a cleaning stone in case of contamination.

Sintered diamond, fine grit

Used for: Ceramics, CoCr, non-precious alloys
 Maximum speed: 25,000 rpm
 Grit: ISO 513, 50 µm (fine)
 Packing unit: 1 per box



Shape	Flame	Inverted Cone
L mm	6.0	2.0
Ø mm	1.6	2.2
ISO 807 104 ...	248 513 016	023 513 022
REF 53 5990 ...	3201	3202

Sintered diamond, standard grit

Used for: Ceramics, CoCr, non-precious alloys
 Maximum speed: 25,000 rpm
 Grit: ISO 523, 120 µm (standard)
 Packing unit: 1 per box



Shape	Inverted Cone
L mm	5.0
Ø mm	8.0
ISO 807 104 ...	030 523 080
REF 53 5990 ...	3203

Sintered diamond, coarse grit

Used for: Ceramics, CoCr, non-precious alloys
 Maximum speed: 25,000 rpm
 Grit: ISO 542, 135 µm (coarse)
 Packing unit: 1 per box



Shape	Cylinder
L mm	10.0
Ø mm	3.7
ISO 807 104 ...	112 542 037
REF 53 5990 ...	3204

Sintered diamond, super-coarse grit

Used for: Ceramics, CoCr, non-precious alloys
 Maximum speed: 25,000 rpm
 Grit: ISO 543, 180 µm (super-coarse)
 Packing unit: 1 per box



Shape	Flame	Cylinder, round
L mm	12.0	12.0
Ø mm	5.0	5.0
ISO 807 104 ...	274 543 050	143 543 050
REF 53 5990 ...	3205	3206

TwisTec® polishers are designed especially for the respective materials and are listed here in the order in which they are usually applied. Grits and bonds are excellently adapted to the materials to be worked on, such as ceramics, precious alloys, non-precious alloys or resins.

Polishers for ceramics, light gray, unmounted

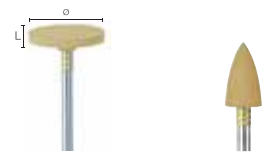
Used for: Abrasive pre-polishing, eliminates diamond scratches (even in metal)
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Cylinder	Knife-edge, big
L mm	3.0	22.0	3.0
Ø mm	22.0	6.0	22.0
ISO 658 900 ...	372 525 220	114 525 060	303 525 220
REF 53 5990 ...	2001	2002	2003

Polishers for ceramics, Diamond impregnation, yellow, mounted

Used for: High-gloss polishin
 Maximum speed: 10,000 rpm
 Packing unit: 1 per box



Shape	Wheel, small	Point
L mm	2.5	15.5
Ø mm	14.5	5.5
ISO 802 104 ...	372 513 145	243 513 055
REF 53 5990 ...	2101	2102

Polishers for precious-metal alloys, brown, unmounted

Used for: Pre-polishing precious-metal and reduced-gold alloys, even veneering resins
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Disc	Cylinder
L mm	3.0	1.0	22.0
Ø mm	22.0	22.0	6.0
ISO 658 900 ...	372 513 220	371 513 220	114 513 060
REF 53 5990 ...	2006	2007	2008

Polishers for precious-metal alloys, green, unmounted

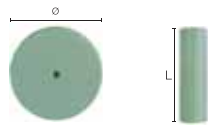
Used for: High-gloss polishing (mat) precious-metal and reduced-gold alloys, even veneering resins
 Maximum speed: 10,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Disc	Cylinder
L mm	3.0	1.0	22.0
Ø mm	22.0	22.0	6.0
ISO 658 900 ...	372 503 220	371 503 220	114 503 060
REF 53 5990 ...	2009	2010	2011

Polishers for yellow-colored alloys, green, unmounted

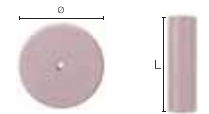
Used for: Abrasive pre-polishing, surface smoothing
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Cylinder
L mm	3.0	22.0
Ø mm	22.0	6.0
ISO 658 900 ...	372 522 220	114 522 060
REF 53 5990 ...	2004	2005

Polishers for yellow-colored alloys, pink, unmounted

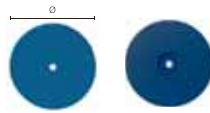
Used for: High-gloss polishing
 Maximum speed: 15,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Cylinder
L mm	3.0	22.0
Ø mm	22.0	6.0
ISO 658 900 ...	372 502 220	114 502 060
REF 53 5990 ...	2012	2013

Universal metal polishers, for precious alloys, CoCr, Ti, blue, unmounted

Used for: Pre-polishing, mat finish
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Knife-edge
L mm	3.0	3.0
Ø mm	22.0	22.0
ISO 658 900 ...	372 522 220	303 522 220
REF 53 5990 ...	2204	2205

Universal metal polishers, for precious alloys, CoCr, Ti, blue, mounted

Used for: Pre-polishing, mat finish
 Maximum speed: 20,000 rpm
 Packing unit: 12 per box



Shape	Point
L mm	16.3
Ø mm	5.5
ISO 658 104 ...	257 522 055
REF 53 5990 ...	2206

Polishers for CoCr and non-precious alloys, brown, unmounted

Used for: Abrasive pre-polishing, surface smoothing
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Disc	Cylinder
L mm	3.0	1.3	22.0
Ø mm	22.0	22.0	6.0
ISO 618 900 ...	372 534 220	371 533 220	114 534 060
REF 53 5990 ...	2301	2302	2303

Polishers for CoCr and non-precious alloys, black, unmounted

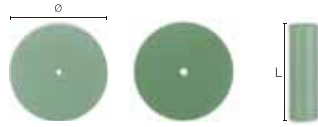
Used for: (Standard) pre-polishing mat lustre
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Disc	Cylinder
L mm	3.0	1.0	22.0
Ø mm	22.0	22.0	6.0
ISO 652 900 ...	372 523 220	371 523 220	114 523 060
REF 53 5990 ...	2014	2015	2016

Polishers for CoCr and non-precious alloys, green, unmounted

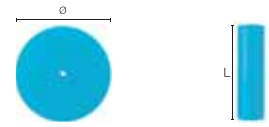
Used for: Fine polishing, mat lustre
 Maximum speed: 10,000 rpm
 Packing unit: 100 per box



Shape	Wheel	Disc	Cylinder
L mm	3.0	1.0	22.0
Ø mm	22.0	22.0	6.0
ISO 652 900 ...	372 513 220	371 513 220	114 513 060
REF 53 5990 ...	2017	2018	2019

Polishers for titanium alloys, light-blue, unmounted

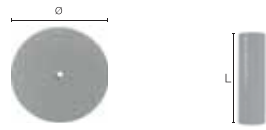
Used for: Fine polishing, mat lustre
 Maximum speed: 10,000 rpm
 Packing unit: 12 per box



Shape	Wheel	Cylinder
L mm	3.0	22.0
Ø mm	22.0	6.0
ISO	658 900 372 512 220	658 900 114 512 060
REF 53 5990 ...	2022	2023

Polishers for titanium alloys, gray, unmounted

Used for: Pre-polishing
 Maximum speed: 20,000 rpm
 Packing unit: 12 per box



Shape	Wheel	Cylinder
L mm	3.0	22.0
Ø mm	22.0	6.0
ISO	658 900 372 521 220	658 900 114 521 060
REF 53 5990 ...	2020	2021

Polishers for denture resins, gray, mounted

Used for: Highly abrasive, replaces sandpaper
 Maximum speed: 10,000 – 15,000 rpm
 Packing unit: 6 per box



Shape	Cylinder, round	Cylinders	Cylinder
L mm	18.0	21.0	24.5
Ø mm	15.0	7.0	10.0
ISO 658 104 ...	201 534 150	107 534 070	273 534 100
REF 53 5990 ...	2201	2202	2203

Polishers for CoCr, non-precious alloys, precious alloys, brown, red, green, unmounted, for insertion in mandrel, REF 5990 9001

Used for: CoCr, precious alloy
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



Shape	Cylinder, round	Cylinder, round	Cylinder, round
L mm	22.0	22.0	22.0
Ø mm	3.0	3.0	3.0
Application	pre-polishing (coarse)	polishing (medium)	lustre polishing (fine)
ISO	618 000 114 533 030	658 000 114 513 030	658 000 114 503 030
REF 53 5990 ...	2401	2402	2403

Polishers for composite occlusal surfaces, light-gray, unmounted, for insertion in mandrel, REF 5990 9001

Used for: Composite, polishing (medium)
 Maximum speed: 20,000 rpm
 Packing unit: 100 per box



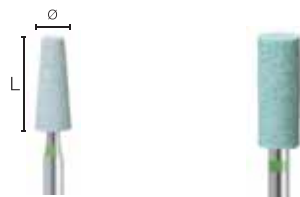
Shape	Cylinder, round
L mm	22.0
Ø mm	3.0
ISO 658 000 ...	114 493 030
REF 53 5990 ...	2404

Abrasives, Separating discs,

TwisTec® abrasives with a ceramic bond are primarily suited for pressable ceramics, all-ceramics and veneering ceramics, but also for metal alloys. These instruments allow you trimming your ceramic object, from coarse abrasion to surface smoothing. TwisTec® separating discs are characterized by universal applicability and lifetime.

Abrasives, diamond impregnation, ceramic bond, light green

Used for: Ceramics, structuring pressable and veneering ceramics, ceramic bond
 Maximum speed: 10,000 – 15,000 rpm
 Packing unit: 1 per box



L mm	11.0	13.0
Ø mm	4.0	5.0
Grain size	135 µm	135 µm
ISO 805 104 ...	173 534 040	107 534 050
REF 53 5990 ...	4002	4001

Abrasive with corundum, ceramic bond, pink

Used for: Ceramics, CoCr, non-precious alloys, very coarse abrasion
 Maximum speed: 20,000 – 30,000 rpm
 Packing unit: 12 per box



L mm	10.5	13.0
Ø mm	3.5	6.5
Grain size	330 µm	340 µm
ISO 625 104 ...	168 523 035	107 533 065
REF 53 5990 ...	4105	4106

Abrasive with corundum, ceramic bond, brown

Used for: Ceramics, CoCr, non-precious alloys, coarse abrasion, structuring
 Maximum speed: 20,000 – 30,000 rpm
 Packing unit: 12 per box



L mm	10.5	13.0
Ø mm	3.5	6.5
Grain size	230 µm	240 µm
ISO 635 104 ...	168 522 035	107 532 065
REF 53 5990 ...	4101	4102

Abrasive with silicon carbide, ceramic bond, green

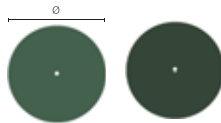
Used for: Ceramics, CoCr, non-precious alloys, surface smoothing
 Maximum speed: 20,000 – 30,000 rpm
 Packing unit: 12 per box



L mm	10.5	13.0
Ø mm	3.5	6.5
Grain size	130 µm	130 µm
ISO 655 104 ...	168 523 035	107 533 065
REF 53 5990 ...	4104	4103

Separating disc, synthetic resin bond with extra-fine corundum grit

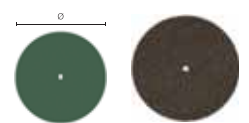
Used for: Separating, non-precious alloys precious alloys, CoCr
 Maximum speed: 15,000 – 20,000 rpm
 Packing unit: 100 per box
 (REF 5990 4201, slightly, flexible)



Shape	Disc	Disc
L mm	0.2	0.3
Ø mm	22.0	22.0
ISO 613 900 327 ...	514 220	504 220
REF 53 5990 ...	4201	4202

Separating disc, synthetic resin bond with medium corundum grit

Used for: Separating sprues
 Maximum speed: 15,000 – 20,000 rpm
 Packing unit:
 REF 5990 4203/100 per box
 REF 5990 4204/10 per box (extrastrong, fibre-glass)



Shape	Disc	Disc
L mm	0.6	1.0
Ø mm	25.0	40.0
ISO 613 900 ...	327 524 250	371 534 400
REF 53 5990 ...	4203	4204

Accessories / Miscellaneous

Mandrels for accommodation of ...

Packing unit: 6 per box



Shape	Occlusal polishers	Wheels, Discs, Knife-edges	Wheels, Discs, Knife-edges	Cylinders
L mm	22.0	3.0	3.0	13.0
Ø mm	3.0	5.0	14.0	5.0
ISO	330 104 612 432 030	330 104 604 391 050	330 104 604 391 140	312 104 610 415 050
REF 53 5990 ...	9001	9002	9003	9004

Cleaning stone for sintered diamonds

For the cleaning and maintenance of sintering diamonds.



REF 53 5990 3900

1 unit

Diamond-covered dressing stone

Bilaterally coated, for centring and prepping rubber polishers and stones.



REF 53 5990 9005

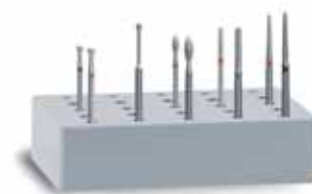
1 unit

The TwisTec® range of products is economical and geared to everyday laboratory routines: It contains all the instruments you will need every day, and is free of exotic tools that are never needed. The following sets for the milling technique, ceramic, zirconium oxide and metal offer an eminently practical low-cost selection of high-quality tools for nearly every material you have to work with.

TwisTec® – all you need.

Turbo Ceramic set, 9-part

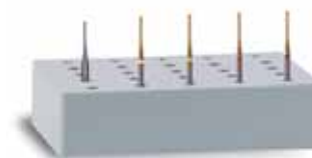
REF	ISO	Description	Ø mm	Amount
Diamond cutters for turbines				
53 5990 3030	W806 314 001 524 021	Round, 110 µm	2.1	1 piece
53 5990 3031	W806 314 001 514 021	Round, 40 µm	2.1	1 piece
53 5990 3032	806 314 697 524 014	Round long, 110 µm	1.4	1 piece
53 5990 3033	W806 314 257 524 020	Bud, 110 µm	2.0	1 piece
53 5990 3034	W806 314 257 514 020	Bud, 40 µm	2.0	1 piece
53 5990 3035	W806 314 141 524 014	Cylinder, 110 µm	1.4	1 piece
53 5990 3036	W806 314 141 514 014	Cylinder, 40 µm	1.4	1 piece
53 5990 3037	W806 314 299 524 014	Torpedo, 110 µm	1.4	1 piece
53 5990 3038	W806 314 299 514 014	Torpedo, 40 µm	1.4	1 piece



REF 53 5990 9109

Turbo-Telescope-Set, 5-part

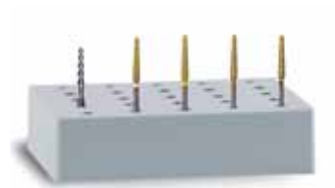
REF	ISO	Description	Ø mm	Amount
Wax cutter, parallel, round				
53 5990 1202	500 123 137 364 010	Wax cutter	1.0	1 piece
Diamond cutters for turbines, cylinder				
53 5990 3050	806 316 137 494 010	Cylinder, 6 µm	1.0	1 piece
53 5990 3051	806 316 137 504 010	Cylinder, 18 µm	1.0	1 piece
53 5990 3052	806 316 137 514 010	Cylinder, 40 µm	1.0	1 piece
53 5990 3053	806 316 137 524 010	Cylinder, 80 µm	1.0	1 piece



REF 53 5990 9110

Turbo-2°-Set, 5-part

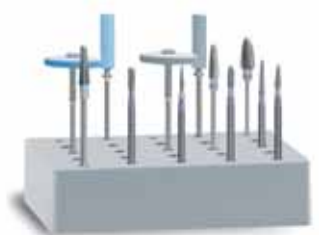
REF	ISO	Description	∅ mm	Angle	Amount
Wax cutter, conical, round					
53 5990 1207	500 123 200 364 023	Wax cutter	3.0	2°	1 piece
Diamond cutters for turbines, cone					
53 5990 3054	806 316 200 494 023	Cone, 6 µm	2.3	2°	1 piece
53 5990 3055	806 316 200 504 023	Cone, 18 µm	2.3	2°	1 piece
53 5990 3056	806 316 200 514 023	Cone, 40 µm	2.3	2°	1 piece
53 5990 3057	806 316 200 524 023	Cone, 80 µm	2.3	2°	1 piece



REF 53 5990 9111

Titanium set, 12-part

REF	ISO	Description	∅ mm	Amount
TC cutter, spiral-cut, coarse, superfine (3 purple rings)				
53 5990 0023	500 104 198 137 023	Cone	2.3	1 piece
53 5990 0024	500 104 289 137 023	Torpedo	2.3	1 piece
53 5990 0025	500 104 198 137 016	Cone	1.6	1 piece
53 5990 0028	500 104 141 137 023	Cylinder	2.3	1 piece
53 5990 0029	500 104 194 137 040	Cone	4.0	1 piece
TC cutter, spiral-cut, fine (purple ring)				
53 5990 0050	500 104 194 134 023	Cone	2.3	1 piece
53 5990 0052	500 104 194 134 040	Cone	4.0	1 piece
53 5990 0051	500 104 274 134 060	Bud	6.0	1 piece
Polishers for titanium alloys, gray, unmounted				
53 5990 2020	658 900 372 521 220	Wheel	22.0	1 piece
53 5990 2021	658 900 114 521 060	Cylinder	6.0	1 piece
Polishers for titanium alloys, light-blue, unmounted				
53 5990 2022	658 900 372 512 220	Wheel	22.0	1 piece
53 5990 2023	658 900 114 512 060	Cylinder	6.0	1 piece



REF 53 5990 9108

Chrome Cobalt Set, 11-part

REF	ISO	Description	Ø mm	Amount
Abrasive with corundum, pink				
53 5990 4105	625 104 168 523 035	Cone, 330 µm	3.5	2 pieces
53 5990 4106	625 104 107 533 065	Cylinder, 340 µm	6.5	2 pieces
Abrasive with silicon carbide, green				
53 5990 4104	655 104 168 523 035	Cone, 130 µm	3.5	2 pieces
53 5990 4103	655 104 107 533 065	Cylinder, 130 µm	6.5	2 pieces
Separating disc, medium, synthetic resin bond				
53 5990 4204	613 900 371 534 400	Disc	40.0	2 pieces
Polishers for CoCr and non-precious alloys				
53 5990 2014	652 900 372 523 220	Wheel	22.0	2 pieces
53 5990 2016	652 900 114 523 060	Cylinder	6.0	2 pieces
Mandrels				
53 5990 9002	330 104 604 391 050	Wheels, Discs, Knife-edges	5.0	1 piece
53 5990 9003	330 104 604 391 140	Wheels, Discs, Knife-edges	14.0	1 piece
53 5990 9004	312 104 610 415 050	Cylinders	5.0	1 piece
Sintered diamond, super-coarse grit				
53 5990 3205	807 104 274 543 050	Flame, 180 µm	5.0	1 piece



REF 53 5990 9105

TC Cutter Set, 14-part

REF	ISO	Description	Ø mm	Amount
HM-cutter cross-cut standard (blue ring)				
53 5990 0003	500 104 198 190 023	Cone	2.3	1 piece
53 5990 0004	500 104 289 190 023	Torpedo	2.3	1 piece
53 5990 0010	500 104 194 190 040	Cone	4.0	1 piece
HM-cutter cross-cut fine (red ring)				
53 5990 0014	500 104 197 140 023	Cone	2.3	1 piece
53 5990 0015	500 104 289 140 023	Torpedo	2.3	1 piece
53 5990 0020	500 104 194 140 040	Cone	4.0	1 piece
HM-cutter cross-cut superfine (yellow ring)				
53 5990 0035	500 104 198 110 023	Cone	2.3	1 piece
53 5990 0036	500 104 289 110 023	Torpedo	2.3	1 piece
53 5990 0041	500 104 194 110 040	Cone	4.0	1 piece
TC bur, round				
53 5990 0200	500 104 001 001 003	TC bur	0.3	1 piece
53 5990 0204	500 104 001 001 008	TC bur	0.8	1 piece
53 5990 0207	500 104 001 001 014	TC bur	1.4	1 piece
53 5990 0211	500 104 001 001 027	TC bur	2.7	1 piece
TC Fissure bur				
53 5990 0213	500 104 107 006 009	Fissure bur	0.9	1 piece



REF 53 5990 9103

Ceramic Set, 11-part

REF	ISO	Description	Ø mm	Amount
Diamond cutters				
53 5990 3001	806 104 001 524 012	Round, 110-120 µm	1.2	1 piece
53 5990 3002	806 104 001 524 018	Round, 110-120 µm	1.8	1 piece
53 5990 3004	806 104 010 524 023	Inverted cone, short, 110-120 µm	2.3	1 piece
53 5990 3008	806 104 143 524 018	Cylinder, round, 110-120 µm	1.8	1 piece
53 5990 3009	806 104 172 524 033	Flat, 110-120 µm	3.3	1 piece
53 5990 3012	806 104 175 534 023	Long, round, 135 µm	2.3	1 piece
53 5990 3018	806 104 247 524 014	Flame, 110-120 µm	1.4	1 piece
Diamond disc				
53 5990 3105	806 104 355 524 220	standard grit, 100 µm	22.0	1 piece
53 5990 3106	806 104 396 514 220	fine grit, 50 µm	22.0	1 piece
Polishers for ceramics, diamond impregnation, yellow, unmounted				
53 5990 2101	802 104 372 513 145	Wheel, small	14.5	1 piece
Abrasives, diamond impregnation, light green				
53 5990 4002	805 104 173 534 040	Cone, standard grit, 135 µm	4.0	1 piece



REF 53 5990 9104

Profi-Set, 10-part

REF	ISO	Description	Ø mm	Amount
TC cutter cross-cut, fine				
53 5990 0017	500 104 277 140 014	Egg Shape	1.4	1 piece
53 5990 0020	500 104 194 140 040	Cone	4.0	1 piece
TC cutter, cross-cut, standard (blue ring)				
53 5990 0008	500 104 274 190 060	Bud	6.0	1 piece
53 5990 0010	500 104 194 190 040	Cone	4.0	1 piece
53 5990 0006	500 104 277 190 014	Egg Shape	1.4	1 piece
Diamond disc				
53 5990 3102	806 104 355 504 190	superfine grit, 30 µm	19.0	1 piece
53 5990 3106	806 104 396 514 220	fine grit, 50 µm	22.0	1 piece
Polishers for ceramics, diamond impregnation, yellow				
53 5990 2101	802 104 372 513 145	Wheel, small	14.5	1 piece
53 5990 2102	802 104 243 513 055	Point	5.5	1 piece
Abrasives, light green				
53 5990 4002	805 104 173 534 040	Cone, standard grit, 135 µm	4.0	1 piece



REF 53 5990 9106

Instrumentation set for zirconia green copings, 11-part

REF	ISO	Description	Ø mm	Amount
TC-cutter superfine (yellow ring)				
53 5990 0037	500 104 184 110 016	Cone	1.6	1 piece
53 5990 0041	500 104 194 110 040	Cone	4.0	1 piece
TC cutter fine (red ring)				
53 5990 0017	500 104 277 140 014	Egg Shape	1.4	1 piece
TC cutter superfine (3 purple rings)				
53 5990 0026	500 104 196 137 008	Cone	0.8	1 piece
Channel cutter				
53 5990 1301	500 103 538 175 010	Channel cutter	2.3	1 piece
TC bur, round				
53 5990 0203	500 104 001 001 006	TC bur	0.6	1 piece
53 5990 0210	500 104 001 001 023	TC bur	2.3	1 piece
Polishers for ceramics, gray, unmounted				
53 5990 2001	658 900 372 525 220	Wheel	22.0	2 pieces
53 5990 2002	658 900 114 525 060	Cylinder	6.0	2 pieces
Mandrels for...				
53 5990 9002	330 104 604 391 050	Wheels, Discs, Knife-edges	5.0	1 piece
53 5990 9004	312 104 610 415 050	Cylinders	5.0	1 piece



REF 53 5990 9107

Milling technique set, 21-part

REF Ø 2.35 mm	ISO Ø 2.35 mm	REF Ø 3.00 mm	ISO Ø 3.00 mm	Description	Ø mm	Angle	Amount
Wax cutter parallel round							
53 5990 1200	500 103 137 364 010	53 5990 1202	500 123 137 364 010	Wax cutter	1.0		1 piece
53 5990 1201	500 103 137 364 015	53 5990 1203	500 123 137 364 015	Wax cutter	1.5		1 piece
Tube drill							
53 5990 1400	500 103 107 382 007	53 5990 1403	500 123 107 382 007	Tube drill	2.3		1 piece
53 5990 1401	500 103 107 382 010	53 5990 1404	500 123 107 382 010	Tube drill	2.3		1 piece
53 5990 1402	500 103 107 382 012	53 5990 1405	500 123 107 382 012	Tube drill	2.3		1 piece
Twist drill							
53 5990 1600	500 103 423 364 007	53 5990 1604	500 123 423 364 007	Twist drill 0,7	2.3		1 piece
53 5990 1601	500 103 423 364 010	53 5990 1605	500 123 423 364 010	Twist drill 1,0	2.3		1 piece
53 5990 1602	500 103 423 364 012	53 5990 1606	500 123 423 364 012	Twist Drill 1,2	2.3		1 piece
Shoulder cutter							
53 5990 1500	500 103 205 175 027	53 5990 1502	500 123 205 175 027	Shoulder cutter 2°	2.3	2°	1 piece
53 5990 1501	500 103 205 175 029	53 5990 1503	500 123 205 175 029	Shoulder cutter 4°	2.3	4°	1 piece
Centring drill							
53 5990 1700	500 103 153 001 009	53 5990 1703	500 123 153 001 009	Centring drill 0,9	2.3		1 piece
53 5990 1701	500 103 153 001 012	53 5990 1704	500 123 153 001 012	Centring drill 1,2	2.3		1 piece
Parallel cutter, cross-cut, coarse							
53 5990 1100	500 103 137 220 010	53 5990 1103	500 123 137 220 010	Parallel cutter	2.3		1 piece
53 5990 1101	500 103 137 220 015	53 5990 1104	500 123 137 220 015	Parallel cutter	2.3		1 piece
53 5990 1102	500 103 137 220 023	53 5990 1105	500 123 137 220 023	Parallel cutter	2.3		1 piece
Parallel cutter, cross-cut, standard							
53 5990 1106	500 103 137 190 010	53 5990 1109	500 123 137 190 010	Parallel cutter	2.3		1 piece
53 5990 1107	500 103 137 190 015	53 5990 1110	500 123 137 190 015	Parallel cutter	2.3		1 piece
53 5990 1108	500 103 137 190 023	53 5990 1111	500 123 137 190 023	Parallel cutter	2.3		1 piece
Channel cutter							
53 5990 1300	500 103 538 175 007	53 5990 1304	500 123 538 175 007	Channel cutter	3.0		1 piece
53 5990 1301	500 103 538 175 010	53 5990 1305	500 123 538 175 010	Channel cutter	3.0		1 piece
53 5990 1302	500 1203 538 175 012	53 5990 1306	500 123 538 175 012	Channel cutter	3.0		1 piece



Milling technique Set, 2.35 mm	REF 53 5990 9100
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Milling technique Set, 3.00 mm	REF 53 5990 9101
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Wooden box, empty, 2.35 mm	REF 53 5990 9900
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Wooden box, empty, 3.00 mm	REF 53 5990 9901
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Tungsten carbide cutters

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500 104 001 001 003	53 5990 0200	118
500 104 001 001 004	53 5990 0201	118
500 104 001 001 005	53 5990 0202	118
500 104 001 001 006	53 5990 0203	118
500 104 001 001 008	53 5990 0204	118
500 104 001 001 010	53 5990 0205	118
500 104 001 001 012	53 5990 0206	118
500 104 001 001 014	53 5990 0207	118
500 104 001 001 016	53 5990 0208	118
500 104 001 001 018	53 5990 0209	118
500 104 001 001 023	53 5990 0210	118
500 104 001 001 027	53 5990 0211	118
500 104 010 001 018	53 5990 0212	118
500 104 107 006 009	53 5990 0213	118
500 104 118 174 060	53 5990 0048	117
500 104 137 110 023	53 5990 0034	114
500 104 137 140 023	53 5990 0013	114
500 104 137 190 023	53 5990 0002	115
500 104 141 110 023	53 5990 0038	114
500 104 141 137 023	53 5990 0028	116
500 104 141 140 023	53 5990 0018	114
500 104 141 190 023	53 5990 0007	115
500 104 168 007 012	53 5990 0214	118
500 104 184 110 016	53 5990 0037	114
500 104 194 110 023	53 5990 0033	114
500 104 194 110 040	53 5990 0041	114
500 104 194 134 023	53 5990 0050	117
500 104 194 134 040	53 5990 0052	117
500 104 194 137 040	53 5990 0029	116
500 104 194 140 023	53 5990 0012	114
500 104 194 140 040	53 5990 0020	114
500 104 194 190 023	53 5990 0001	115
500 104 194 190 040	53 5990 0010	115
500 104 194 194 040	53 5990 0032	116
500 104 196 134 008	53 5990 0054	117
500 104 196 137 008	53 5990 0026	116
500 104 197 140 023	53 5990 0014	114
500 104 198 110 023	53 5990 0035	114
500 104 198 137 016	53 5990 0025	116
500 104 198 137 023	53 5990 0023	116
500 104 198 140 016	53 5990 0016	114
500 104 198 190 023	53 5990 0003	115
500 104 237 110 023	53 5990 0040	114
500 104 237 140 023	53 5990 0022	114
500 104 237 140 060	53 5990 0021	114
500 104 237 190 060	53 5990 0011	115
500 104 257 110 023	53 5990 0039	114
500 104 257 190 023	53 5990 0005	115
500 104 263 190 060	53 5990 0009	115
500 104 263 220 070	53 5990 0043	115
500 104 263 221 060	53 5990 0044	115
500 104 263 223 070	53 5990 0046	116
500 104 274 134 040	53 5990 0053	117
500 104 274 134 060	53 5990 0051	117
500 104 274 137 014	53 5990 0027	116
500 104 274 137 060	53 5990 0030	116
500 104 274 140 060	53 5990 0019	114
500 104 274 190 060	53 5990 0008	115
500 104 274 220 060	53 5990 0042	115
500 104 274 221 060	53 5990 0045	115
500 104 277 140 014	53 5990 0017	114
500 104 277 190 014	53 5990 0006	115
500 104 289 110 023	53 5990 0036	114
500 104 289 137 023	53 5990 0024	116
500 104 289 140 023	53 5990 0015	114
500 104 289 190 023	53 5990 0004	115
500 104 289 194 023	53 5990 0031	116
500 104 467 211 023	53 5990 0047	117
500 104 467 213 010	53 5990 0300	118

Milling technique

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500 103 107 382 007	53 5990 1400	121
500 103 107 382 010	53 5990 1401	121
500 103 107 382 012	53 5990 1402	121
500 103 137 103 010	53 5990 1112	120
500 103 137 103 010	53 5990 1118	120
500 103 137 103 015	53 5990 1113	120
500 103 137 103 015	53 5990 1119	120
500 103 137 103 023	53 5990 1114	120
500 103 137 103 023	53 5990 1120	120
500 103 137 190 010	53 5990 1106	119
500 103 137 190 015	53 5990 1107	119
500 103 137 190 023	53 5990 1108	119
500 103 137 220 010	53 5990 1100	119
500 103 137 220 015	53 5990 1101	119
500 103 137 220 023	53 5990 1102	119
500 103 137 364 010	53 5990 1200	119
500 103 137 364 015	53 5990 1201	119
500 103 153 001 009	53 5990 1700	122
500 103 153 001 012	53 5990 1701	122
500 103 153 001 014	53 5990 1702	122
500 103 200 123 023	53 5990 1013	121
500 103 200 123 031	53 5990 1014	121
500 103 200 123 040	53 5990 1015	121
500 103 200 190 023	53 5990 1007	120
500 103 200 190 031	53 5990 1008	120
500 103 200 190 040	53 5990 1009	120
500 103 200 220 023	53 5990 1001	120
500 103 200 220 031	53 5990 1002	120
500 103 200 220 040	53 5990 1003	120
500 103 200 364 023	53 5990 1204	119
500 103 200 364 031	53 5990 1205	119
500 103 200 364 040	53 5990 1206	119
500 103 205 175 027	53 5990 1500	122
500 103 205 175 029	53 5990 1501	122
500 103 423 364 007	53 5990 1600	122
500 103 423 364 010	53 5990 1601	122
500 103 423 364 012	53 5990 1602	122
500 103 423 364 015	53 5990 1603	122
500 103 423 364 020	53 5990 1610	122
500 103 538 175 007	53 5990 1300	121
500 103 538 175 010	53 5990 1301	121
500 103 538 175 012	53 5990 1302	121
500 103 538 175 015	53 5990 1303	121
500 123 107 382 007	53 5990 1403	121
500 123 107 382 010	53 5990 1404	121
500 123 107 382 012	53 5990 1405	121
500 123 137 103 010	53 5990 1121	120
500 123 137 103 010	53 5990 1115	120
500 123 137 103 015	53 5990 1122	120
500 123 137 103 015	53 5990 1116	120
500 123 137 103 023	53 5990 1123	120
500 123 137 103 023	53 5990 1117	120
500 123 137 190 010	53 5990 1109	119
500 123 137 190 015	53 5990 1110	119
500 123 137 190 023	53 5990 1111	119
500 123 137 220 010	53 5990 1103	119
500 123 137 220 015	53 5990 1104	119
500 123 137 220 023	53 5990 1105	119
500 123 137 364 010	53 5990 1202	119
500 123 137 364 015	53 5990 1203	119
500 123 153 001 009	53 5990 1703	122
500 123 153 001 012	53 5990 1704	122
500 123 153 001 014	53 5990 1705	122
500 123 200 123 023	53 5990 1016	121
500 123 200 123 031	53 5990 1017	121
500 123 200 123 040	53 5990 1018	121
500 123 200 190 023	53 5990 1010	120
500 123 200 190 031	53 5990 1011	120
500 123 200 190 040	53 5990 1012	120
500 123 200 220 023	53 5990 1004	120
500 123 200 220 031	53 5990 1005	120
500 123 200 220 040	53 5990 1006	120
500 123 200 364 023	53 5990 1207	119
500 123 200 364 031	53 5990 1208	119
500 123 200 364 040	53 5990 1209	119
500 123 205 175 027	53 5990 1502	122
500 123 205 175 029	53 5990 1503	122
500 123 423 364 007	53 5990 1604	122
500 123 423 364 010	53 5990 1605	122

Milling technique

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500 123 423 364 015	53 5990 1607	122
500 123 538 175 007	53 5990 1304	121
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500 123 538 175 012	53 5990 1306	121
500 123 538 175 015	53 5990 1307	121

Diamond cutters for turbines

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806 316 200 504 023	53 5990 3055	124
806 316 200 514 023	53 5990 3056	124
806 316 200 524 023	53 5990 3057	124
806 314 697 524 014	53 5990 3032	123
806 316 137 494 010	53 5990 3050	124
806 316 137 504 010	53 5990 3051	124
806 316 137 514 010	53 5990 3052	124
806 316 137 524 010	53 5990 3053	124
W806 314 001 514 021	53 5990 3031	123
W806 314 001 524 021	53 5990 3030	123
W806 314 141 514 014	53 5990 3036	123
W806 314 141 524 014	53 5990 3035	123
W806 314 257 514 020	53 5990 3034	123
W806 314 257 524 020	53 5990 3033	123
W806 314 299 514 014	53 5990 3038	123
W806 314 299 524 014	53 5990 3037	123

Diamond cutters

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806 104 001 524 018	53 5990 3002	125
806 104 001 524 023	53 5990 3003	125
806 104 010 524 023	53 5990 3004	125
806 104 014 524 023	53 5990 3006	125
806 104 068 524 040	53 5990 3021	126
806 104 143 524 018	53 5990 3008	125
806 104 158 534 023	53 5990 3007	125
806 104 166 524 018	53 5990 3016	126
806 104 172 524 033	53 5990 3009	126
806 104 173 524 018	53 5990 3010	126
806 104 173 524 040	53 5990 3011	126
806 104 175 534 023	53 5990 3012	126
806 104 199 524 014	53 5990 3013	126
806 104 199 524 025	53 5990 3014	126
806 104 199 524 040	53 5990 3015	126
806 104 225 524 023	53 5990 3005	125
806 104 247 524 010	53 5990 3017	125
806 104 247 524 014	53 5990 3018	125
806 104 250 524 012	53 5990 3019	125
806 104 250 524 016	53 5990 3020	125
806 104 257 524 023	53 5990 3022	126

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806 104 335 514 220	53 5990 3101	127
806 104 355 504 190	53 5990 3102	127
806 104 355 504 220	53 5990 3103	127
806 104 355 524 190	53 5990 3104	127
806 104 355 524 220	53 5990 3105	127
806 104 365 524 300	53 5990 3107	127
806 104 365 524 450	53 5990 3108	127
806 104 396 514 220	53 5990 3106	127

Sintered diamonds

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807 104 023 513 022	53 5990 3202	128
807 104 030 523 080	53 5990 3203	128
807 104 112 542 037	53 5990 3204	128
807 104 143 543 050	53 5990 3206	128
807 104 248 513 016	53 5990 3201	128
807 104 274 543 050	53 5990 3205	128

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618 900 114 534 060	53 5990 2303	130
618 900 371 533 220	53 5990 2302	130
618 900 372 534 220	53 5990 2301	130
652 900 114 513 060	53 5990 2019	131
652 900 114 523 060	53 5990 2016	130
652 900 371 513 220	53 5990 2018	131
652 900 371 523 220	53 5990 2015	130
652 900 372 513 220	53 5990 2017	131
652 900 372 523 220	53 5990 2014	130
658 000 114 493 030	53 5990 2404	131
658 000 114 503 030	53 5990 2403	131
658 000 114 513 030	53 5990 2402	131
658 104 107 534 070	53 5990 2202	131
658 104 201 534 150	53 5990 2201	131
658 104 257 522 055	53 5990 2206	130
658 104 273 534 100	53 5990 2203	131
658 900 114 502 060	53 5990 2013	130
658 900 114 503 060	53 5990 2011	129
658 900 114 512 060	53 5990 2023	131
658 900 114 513 060	53 5990 2008	129
658 900 114 521 060	53 5990 2021	131
658 900 114 522 060	53 5990 2005	130
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658 900 303 522 220	53 5990 2205	130
658 900 303 525 220	53 5990 2003	129
658 900 371 503 220	53 5990 2010	129
658 900 371 513 220	53 5990 2007	129
658 900 372 502 220	53 5990 2012	130
658 900 372 503 220	53 5990 2009	129
658 900 372 512 220	53 5990 2022	131
658 900 372 513 220	53 5990 2006	129
658 900 372 521 220	53 5990 2020	131
658 900 372 522 220	53 5990 2204	130
658 900 372 522 220	53 5990 2004	130
658 900 372 525 220	53 5990 2001	129
802 104 243 513 055	53 5990 2102	129
802 104 372 513 145	53 5990 2101	129

Abrasives, Separating discs

ISO	REF	Page
613 900 327 504 220	53 5990 4202	133
613 900 327 514 220	53 5990 4201	133
613 900 327 524 250	53 5990 4203	133
613 900 371 534 400	53 5990 4204	133
625 104 107 533 065	53 5990 4106	132
625 104 168 523 035	53 5990 4105	132
635 104 107 532 065	53 5990 4102	132
635 104 168 522 035	53 5990 4101	132
655 104 107 533 065	53 5990 4103	132
655 104 168 523 035	53 5990 4104	132
805 104 107 534 050	53 5990 4001	132
805 104 173 534 040	53 5990 4002	132

Mandrels for accommodation of ...

ISO	REF	Page
312 104 610 415 050	53 5990 9004	133
330 104 604 391 050	53 5990 9002	133
330 104 604 391 140	53 5990 9003	133
330 104 612 432 030	53 5990 9001	133

EQUIPMENT AND CONSUMABLE PRODUCTS

Quality – the sum of consistent and logical steps

Many different steps and many different materials pave the path to restorative success. The right combination of equipment and high-performance consumables is a prerequisite for top-quality results. With our products, we can support you in achieving these goals.

Modeling

Waxtip®

Electronically controlled compact unit for modeling instruments. Temperature range of 60 °C – 230 °C.



Technical data	
Mains voltage	230 V~
Mains frequency	50/60 Hz
Performance	12 W
Height x Width x Depth	120 x 70 x 60 mm
Weight	Approx. 0.5 kg

REF 53 2336 0001

1 unit

Accessories



(1) Wax Spoon (D2)	1 unit	REF 53 2351 1163
(2) Large Modeling Knife (C2)	1 unit	REF 53 2351 1162
(3) Wax-up Probe with sensor (AS2)	1 unit	REF 53 2351 1160
(4) Small Modeling Knife with sensor (BS2)	1 unit	REF 53 2351 1161
(5) Wax Melting Ring (E2)	1 unit	REF 53 2351 1164
(6) Instrument holder	1 unit	REF 53 2351 1155

Plastodent®-Set

One wax formulation – four different colors for the wax-up technique.



REF 53 2537 0012

1 box 4x 25 g

Plastodent® art line

Modeling wax suitable for the highest quality work. Ideal for easy and precise wax build-up. Bright colors guarantee easy and accurate placement. Plastodent® art line waxes are supplied in a 60 g tin.

(1)	Modeling Wax, beige, removable by cutting	1x 60 g box	REF 53 2537 0027
(2)	Milling Wax, gray, removable by cutting	1x 60 g box	REF 53 2537 0028
(3)	Undercoating Wax, hard, contraction-free, bordeaux-opaque	1x 60 g box	REF 53 2537 0025
(4)	Cervical Wax, soft, red-transparent	1x 60 g box	REF 53 2537 0026



Rapid Flex®

Self-adhesive wax clasp profiles, universal size.



REF 53 2351 1174

1x 200 piece package

Isolit®

Separating agent for casting and modeling waxes used in conjunction with plaster, cement, resins, metals and ceramics.

Isolit®	2 jars, each with 50 ml	REF 53 2514 0011
Isolit®	1x 1000 ml bottle	REF 53 2514 0013



Investment

Multivac® compact

Fully programmable vacuum mixer with 10 preset programs. No more manual spatula work necessary! Oil-free vacuum pump that never needs servicing. Automatic error monitoring with vacuum self-test.



Technical data	
Power supply	200–240 V, 50/60 Hz
Max. performance	300 W
Required mains fuse	2 A
Operating temperature range	4 °C–40 °C
Height x width x depth (wall model)	505 x 390 x 315 mm
Height x width x depth (table model)	610 x 390 x 315 mm
Weight of wall model	Approx. 14.5 kg
Weight of table model	Approx. 16.0 kg

Accessories		
Windows® PC program	1 unit	REF 53 5314 0102
PC Connecting cable with adapter	1 unit	REF 53 5314 0103
Wall mounting frame for cable ducts	1 unit	REF 53 5314 0104
Replacement filter	1 unit	REF 53 5314 0105
Table stand (wall model only)	1 unit	REF 53 5314 0106

Multivac® compact, Wall model

Multivac® compact, complete with 1 small Mixing Bowl with cover and stirrer, 1 large Mixing Bowl with cover and stirrer, 5 spare filters, 1 drilling template and 1 set of retaining screws

REF 53 5314 0001

1 unit

Multivac® compact, Table model

Multivac® compact, complete with 1 small Mixing Bowl with cover and stirrer, 1 large Mixing Bowl with cover and stirrer, 5 spare filters

REF 53 5314 0002

1 unit

Multivac® eco

Vacuum mixer with simple and easy-to-use operation for mixing investments and plasters. Motor and pump are of course maintenance-free. Only as wall-mounted unit available.

Technical data		
Power supply	220–240 V, 50 Hz	
Max. performance	150 W	
Required main fuse	2 AT	
Operating temperature range	4 °C–40 °C	
Height x Width x Depth	520 x 385 x 320 mm	
Weight	ca. 8.8 kg	
Accessories		
Replacement filter	1 unit	REF 53 5314 0105



Multivac® eco

Multivac® eco complete with 1 Replacement filter,
1 Drilling template, 1 Kit for wallmounting

REF 53 5316 0001 1 unit

Mixing bowl

For Multivac® compact and Multivac® eco, complete with cover and stirrer.



(1) Mixing Bowl, extra-small max. filling capacity 50 cm ³	1 unit	REF 53 5314 0113
(2) Mixing Bowl, small max. filling capacity 150 cm ³	1 unit	REF 53 5314 0100
(3) Mixing Bowl, large max. filling capacity 420 cm ³	1 unit	REF 53 5314 0101
(4) Mixing Bowl, extra-large max. filling capacity 580 cm ³	1 unit	REF 53 5314 0114



Investment compound	EM	NEM	MG	Ceramics	Speed	conventional	Liquid
Deguvest® HFG	✓	✓				✓	Deguvest® Liquid
Deguvest® F	✓	✓				✓	Deguvest® Liquid
Deguvest® CF	✓					✓	Deguvest® Liquid
Deguvest® SR	✓	✓			✓	✓	Universal Liquid
Deguvest® Impuls	✓				✓	✓	Special Liquid, Deguvest® Liquid
Deguvest® California	✓				✓	✓	Dist. water
Cergo® fit				✓		✓	Deguvest® Liquid
Cergo® fit Speed				✓	✓		Cergo® fit Speed Liquid
Biosint® Supra			✓			✓	Biosol® E
Optivest®		✓	✓			✓	Optivest® Liquid
Optivest® avanti		✓	✓		✓		Special Liquid
Optivest® SR		✓	✓			✓	Optivest® Liquid

Deguvest® SR

Dust reduced, rapid heating, phosphate bonded and carbon-free universal-investment for the precious metal casting technique. To be mixed with Universal Liquid.



REF 53 2540 0200/Universal Liquid page 158

Technical data

Mixing ratio (powder : liquid)	100 g : 22 ml
Setting time (according to Vicat)	7-12 min
Working time range	4-6 min
Total linear expansion	1.2-2.4%
Compressive strength	4-8 MPa

Deguvest® SR	Package with 100 bags, each 60 g	REF 53 2512 0001
Deguvest® SR	Package with 50 bags, each 150 g	REF 53 2512 0003

Deguvest® Impuls

Technical data		
Mixing ratio (powder : dist. water)		100 g : 23 ml
Total linear expansion		1.2–2.4%
Mixing time range (under vacuum)		60 s
Working time range (at 23 °C)		4–6 min
Compressive strength		4–8 N/mm ²
Deguvest® Impuls	Box with 100 bags, each with 60 g	REF 53 2551 0001
Deguvest® Impuls	2x 4.5 kg Refill bags	REF 53 2551 0002
Deguvest® Impuls	Box with 50 bags, each with 150 g	REF 53 2551 0003
Deguvest® Impuls	1x 4,5 kg jar	REF 53 2551 0004

Carbon-free, phosphate-bonded, plaster-free special investment compound for the entire range of precious metal casting technology. Can be used for conventional and rapid heating. Depending on the preheating procedure use either Special Liquid or Deguvest® Liquid.



REF 53 2540 0514/Special Liquid page 158
 REF 53 2540 0114/Special Liquid page 158
 REF 53 2540 0105/Deguvest® Liquid page 158
 REF 53 2540 0014/Deguvest® Liquid page 158

Deguvest® CF

Technical data		
Mixing ratio (powder : liquid)		100 g : 22 ml
Setting expansion (according to Vicat)		6–10 min
Working time range		4–6 min
Total linear expansion		max. 2.4%
Compressive strength		4–8 N/mm ²
Deguvest® CF	Package with 100 bags, each 60 g	REF 53 2506 0036
Deguvest® CF	Package with 50 bags, each 150 g	REF 53 2506 0038
Deguvest® CF	Deguvest CF, 40 kg barrel (10x4 kg)	REF 53 2506 0010

Carbon-free, phosphate-bonded, plaster-free precision investment compound for the entire range of precious metal casting technology. To be mixed with Deguvest® Liquid.



REF 53 2540 0105/Deguvest® Liquid page 158
 REF 53 2540 0014/Deguvest® Liquid page 158

Deguvest® F

Technical data		
Mixing ratio (powder : liquid)		100 g : 15 ml
Setting time (according to Vicat)		6–10 min
Working time range		5–6 min
Total linear expansion		1.3–2.1%
Compressive strength		Approx. 10 N/mm ²
Deguvest® F	Package with 100 bags, each 60 g	REF 53 2507 0036
Deguvest® F	Package with 50 bags, each 180 g	REF 53 2507 0039

Phosphate-bonded, plaster-free and low-carbon precision investment compound for the entire range of precious metal casting technology. To be mixed with Deguvest® Liquid.



REF 53 2540 0105/Deguvest® Liquid page 158
 REF 53 2540 0014/Deguvest® Liquid page 158

Investment

Deguvest® HFG

Traditional phosphate-bonded, plaster-free and low-carbon investment compound for the entire range of precious metal casting technology. To be mixed with Deguvest® Liquid.



REF 53 2540 0105/Deguvest® Liquid page 158
REF 53 2540 0014/Deguvest® Liquid page 158

Technical data	
Mixing ratio (powder : liquid)	100 g : 15 ml
Setting time (according to Vicat)	6–10 min
Working time range	3–5 min
Total linear expansion	1.3–2.1%
Compressive strength	Approx. 10 N/mm ²

Deguvest® HFG	Package with 50 bags, each 180 g	REF 53 2504 0039
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Deguvest® California

Plaster-bonded investment compound for all alloys with a preheating temperature of up to 750 °C. Extremely fine grain structure and easy control of linear expansion, guarantee perfect surfaces and a precise fit. New: now with speed capacity too! To be mixed with distilled water.



To be mixed with distilled water.

Technical data	
Mixing ratio (powder : dist. water)	100 g : 32–40 ml
Total linear expansion	1.3–1.6%
Setting expansion	0.1–0.4%
Thermal expansion	1.2%
Mixing time range (under vacuum)	60 s
Working time range (at 20 °C)	7–8 min

Deguvest® California	4x 4,5 kg bags	REF 53 2505 0500
Deguvest® California	5 kg box	REF 53 2505 0505

Optivest® avanti

High-tech investment compound for CoCr model casting technology, suitable for rapid heating. Perfect cast surfaces, exact control of linear expansion and precise detail reproduction. Mix with Special Liquid.



53 2540 0114/Special Liquid page 158

Technical data	
Mixing ratio (powder: liquid)	100 g : 20 ml
Setting time (according to Vicat)	6–8 min
Thermal expansion	approx. 0.8%
Setting expansion	< 1%
Compressive strength	> 15 MPa

Optivest® avanti	Package with 20 bags, each 400 g	REF 53 2520 0001
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Optivest® SR

Technical data		
Mixing ratio (powder : liquid)		100 g : 15 ml
Setting time (according to Vicat)		300–380 s
Total linear expansion		0.70–1.80%
Mixing time range		60 s
Working time range		3–5 min
Compressive strength		13 mPa
Optivest® SR	Package with 40 bags, each 400 g	REF 53 2555 0001

Dust reduced investment for the CoCr model casting technique. Excellent flow characteristics and casting surfaces, paired with precise fits. To be mixed with Optivest® Mixing Liquid.



REF 53 2540 0095/Optivest® Liquid page 158
REF 53 2540 0091/Optivest® Liquid page 158

Optivest®

Technical data		
Mixing ratio (powder: liquid)		100 g : 15 ml
Total linear expansion		0.70–1.80%
Mixing time range (under vacuum)		1 min
Working time range		3–4 min
Compressive strength depending on the concentration of the expansion liquid		15–20 N/mm ²
Optivest®	Package with 100 bags, each 200 g	REF 53 2509 0020
Optivest®	Package with 40 bags, each 400 g	REF 53 2509 0030
Optivest®	Barrel with 10x 5 kg bags	REF 53 2509 0040

Model casting investment compound with optimal fine-grained powder composition. Stable model surfaces and exact detail reproduction guarantee high accuracy of fit with extremely smooth casting surfaces. To be mixed with Optivest® Mixing Liquid.



53 2540 0095 Optivest® Liquid page 158
53 2540 0091 Optivest® Liquid page 158

Biosint® Supra

Technical data		
Mixing ratio (powder : liquid)		100 g : 15 ml
Total linear expansion		0.9–1.65%
Mixing time range (under vacuum)		90–120 s
Working time range		3–5 min
Compressive strength depending on the expansion of the mixing liquid		15–20 N/mm ²
Biosint® Supra	Barrel with 10x 5 kg bags	REF 53 2510 0001
Biosint® Supra	Package with 45 bags, each 400 g	REF 53 2510 0002

Classic model casting investment compound for manufacturing duplicate models and casting molds. Outstanding expansion control with Biosol® E mixing liquid.



53 2545 0076 Biosol® E page 158

Investment

Special Liquid

For Deguvest® Impuls and Optivest® avanti, for rapid heating.



Special Liquid	1x 1350 ml bottle	REF 53 2540 0114
Special Liquid	1x 5000 ml bottle	REF 53 2540 0514

Optivest® Mixing Liquid

For Optivest® model casting investment compounds.



Optivest® Mixing Liquid	1x 2000 ml canister	REF 53 2540 0091
Optivest® Mixing Liquid	1x 5000 ml canister	REF 53 2540 0095

Deguvest® Liquid

For Deguvest® investment compound (Impuls CF, F, HFG).



Deguvest® Liquid	1x 1350 ml bottle	REF 53 2540 0014
Deguvest® Liquid	1x 5000 ml canister	REF 53 2540 0105

Biosol® E

Mixing liquid for Biosint® Supra.



Biosol® E	1x 5000 ml canister	REF 53 2545 0076
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Universal Liquid

For Deguvest® SR investment compound.



Universal Liquid	1x 1350 ml bottle	REF 53 2540 0200
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Deguvest® Vlies

Ceramic-bonded asbestos-free casting ring lining, recommended especially for plaster-bonded investment compound like Deguvest® California and for rapid heating. User-friendly measurement exactly marked from 1x–9x on the packaging.



Deguvest® Vlies	25 m roll (1 mm x 50 mm)	REF 53 2540 0047
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Casting Ring Linings

Asbestos-free universal muffle linings, cut to four sizes, for lining DeguDent casting rings prior to investing for conventional heating. Guarantees controlled expansion of the investment



Casting Ring Linings	200 Strip package for Casting Ring 1x	REF 53 2540 0040
Casting Ring Linings	200 Strip package for Casting Ring 3x	REF 53 2540 0041
Casting Ring Linings	200 Strip package for Casting Ring 6x	REF 53 2540 0042
Casting Ring Linings	200 Strip package for Casting Ring 9x	REF 53 2540 0043

Box for Casting Ring Linings

Practical and functional aid for storing casting ring linings, each of the sizes 1x–9x (with wall mounting).

Box for Casting Ring Linings	1x Box, empty	REF 53 2540 0045
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Waxit®

Surface tension reducing agent for waxes and silicones designed to improve casting and model surfaces. Also available as an environmentally friendly pump spray.



Waxit®	1x 1000 ml bottle	REF 53 2518 0013
Waxit®	1x 145 ml pump spray	REF 53 2518 0017

Sprue Formers

Hard rubber former, used when mounting wax objects on bases and for the molding of investment sprues. Available in four sizes 1x–9x for all DeguDent casting units (see fig. 1).



(1)	Sprue Formers E 1x	1 unit	REF 53 2351 1069
(1)	Sprue Formers E 3x	1 unit	REF 53 2351 1070
(1)	Sprue Formers E 6x	1 unit	REF 53 2351 1071
(1)	Sprue Formers E 9x	1 unit	REF 53 2351 1072

Universal Sprue Formers

Suitable for all muffle sizes and all DeguDent casting units, except Prestomat compact (see fig. 2).

(2)	Universal Sprue Formers	1 unit	REF 53 2351 0061
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Casting Ring

Long-lasting stainless steel casting rings for manufacturing investment molds. Four different sizes for all casting units (see fig. 3).

(3)	Casting Ring	1 unit size 1x	REF 53 2351 0057
(3)	Casting Ring	1 unit size 3x	REF 53 2351 0058
(3)	Casting Ring	1 unit size 6x	REF 53 2351 0059
(3)	Casting Ring	1 unit size 9x	REF 53 2351 0060

Casting Ring Pliers

Special pliers for safely gripping and transporting rings of all sizes. Their long design is a particular advantage when working with high temperatures (see fig. 4).

(4)	Casting Ring Pliers	1 unit	REF 53 2350 0008
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Duplicating

Deguform®

Low-viscosity, addition-cured duplicating silicone, for all dental technical requirements. Use of our duplicating flask is recommended.



Technical data		
Component A		White
Component B		Blue
Mixing ratio		1:1
Working time (including mixing)		approx. 5 min
Setting time		approx. 45 min
Final hardness (Shore A)		14–16
Linear contraction		0.08 %
Deguform®	2x 860 ml Component A and B	REF 53 2511 0002
Deguform®	2x 5170 ml Component A and B	REF 53 2511 0012
Deguform®	2x 18.1 l Component A and B	REF 53 2511 0042

Deguform® Plus

Addition-cured high-tech duplicating silicone. Absolutely no shrinkage due to a platinum catalyst system. Adapted hardness (shore A) guarantees high tearing strength and thus molding stability. Especially suitable for non-ring duplicating.



Technical data		
Component A		White
Component B		Dark Blue
Mixing time (manual/Multivac)		45 s
Mixing ratio		1:1
Working time range (including mixing)		5–7 min
Demolding capacity (at 23 °C)		30 min
Final hardness (Shore A)		28
Deguform® Plus	2x 860 ml Component A and B	REF 53 2511 0502
Deguform® Plus	2x 5170 ml Component A and B	REF 53 2511 0512

Duplicating Flask

Three-part duplicating flask with foam liner and adjustable upper section to save on material.



Plastic Duplicating Flask	1 unit	REF 53 2351 1281
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Biosil® f

Resilient CoCr alloy for model castings as cast cubes ingots.

Technical data	
Type	resilient
Color	White
Composition (weight %)	
Co	64.8
Cr	28.5
Mo	5.3
Si	0.5
Mn	0.5
C	0.4
N	-
Melting range °C	1320–1380
Preheating temperature of moulds °C	1000
Vickers hardness HV 10	400
0.2% offset yield stress MPa	700
Tensile strength MPa	900
Elongation at rupture %	5
Density g/cm ³	8.4
Modulus of elasticity GPa	220



Biosil® f	1 x 1 kg jar	REF 53 3501 0003
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Biosil® I

Due to its special composition Biosil® I is especially suitable for laser welding. Biosil® Laser Welding Wire should be used.

Technical data	
Type	resilient
Color	White
Composition (weight %)	
Co	62.5
Cr	30.5
Mo	5.0
Si	1.0
Mn	0.4
C	0.3
N	0.3
Melting range °C	1290–1390
Preheating temperature of moulds °C	1000
Vickers hardness HV 10	375
0.2% offset yield stress MPa	710
Tensile Strength MPa	900
Elongation at rupture %	6
Density g/cm ³	8.2
Modulus of elasticity GPa	220



Biosil® I	1 x 1 kg jar	REF 53 3501 0004
Biosil® I	1 x 2,5 kg jar	REF 53 3501 0005



53 2520 0001/Optivest® avanti page 156, 53 2555 0001 Optivest® SR page 157, 53 2509 0020/Optivest® page 157

Melting and Casting

Degutron® eco

Induction vacuum pressure casting unit for all common precious and non-precious dental alloys. Simple and uncomplicated operation. Smooth melting and quick casting process enable reproducible casting results. Space saving by small footprint and separate vacuum pump. Initiating the casting process through manually rotating the casting chamber for 90°. The closed system from heating up to casting guarantees safe handling.

Technical data

Crucible volume (max.)	15 cm ³ (ceramic crucible)
	10 cm ³ (with graphite insert)
Output	3,5 KW
Working temperature (max.)	1,950 °C
Power rating	230 V / 16 A, 50 oder 60 Hz
Cooling-water line rating	2.5-5 bar / min. 1.5 l/min
Cooling-water return	pressureless
Cooling-water temperature at intake:	10 °C-20 °C
Vacuum	min. 8m ³ /h, 0.1 mbar abs.



Degutron® eco

1 Degutron® eco unit complete with
1 ceramic crucible, 1 ceramic crucible with
graphite insert, 4 muffle adapters,
1 transparent display foil, 2 tubes and
1 Degutron® vac vacuum pump

Degutron® vac

High-performance vacuum pump Degutron® vac.

REF 53 5135 0001

1 unit

REF 53 5135 0100

1 unit

Multicast® compact

Resistance-heated, thermostatically controlled casting unit with nine preinstalled casting programs. Patented AcCon® system (electronically controlled startup acceleration) and patented bent centrifugal arm for quick and safe discharging of the mould (can be exchanged with centrifugal arm for flame casting). Variable final speed.

Technical data		
Mains voltage		230 V, 50/60 Hz
Max. performance		1.5 kW
Height		400/475 mm
Width/depth		505/550 mm
Weight with centrifugal arm		52 kg
Furnace temperature		700–1450 °C
Speed (infinitely variable control)		350–450
No. of Programs		9
Accessories		
Multicast® Printer complete with power cord, 1 paper roll	1 unit	REF 53 2351 1403
Spare ribbon for printer	1 unit	REF 53 2351 1404
Spare paper roll for printer	1 unit	REF 53 2351 1405
Centrifugal arm for torch melting	1 unit	REF 53 2351 1401
Ceramic Crucible, for melting of all dental precious metal alloys. Suitable for all DeguDent crucible casting units.	1x 10 piece package	REF 53 2351 0069
Graphite Crucible pure electrographite crucible (for all DeguDent crucible casting units). Oxide-inhibiting atmosphere, long life.	1x 10 piece package	REF 53 2351 0068



Multicast® compact

Complete with 1 Centrifugal Arm for Electric Melting, 1 High-performance Melting Furnace HOMC, 1 Graphite Crucible, 1 Mirror

REF 53 2341 0001 1 unit

High-performance Melting Furnace HOMC

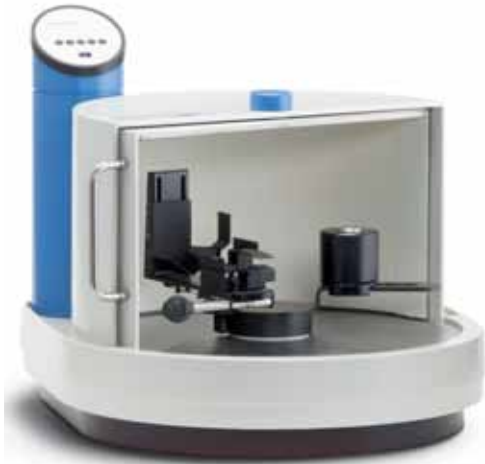
High-performance melting furnace HOMC, plus daily price for heating-coil (PtRh-coil material), price on application

REF 53 2351 1482 1 unit

Melting and Casting

Motorcast compact

Universal flame casting unit with patented AcCon® system (electronically controlled startup acceleration) and patented bent centrifugal arm for quick and safe discharge of the mould. Variable final speed.



Technical data	
Mains voltage	230 V/50–60 Hz
Max. performance	250 W
Height	400/475 mm
Width/depth	505/550 mm
Weight with centrifugal arm	42 kg
Speed (5-level control)	350–450 RPM

Motorcast compact

Complete with 1 Centrifugal Arm for Flame Melting, 1 Universal Crucible

REF 53 2342 0001

1 unit

Melting and Soldering Device

Universal hand-piece with easily replaceable burner attachments. Easy single-handed operation of flame adjustment.



(1)	Handle-bar	1 unit	REF 53 2350 0040
(2)	Micro-Propane oxygen burner, with 3 different nozzles, for soldering of all dental alloys	1 unit	REF 53 2350 0044
(3)	Propane oxygen burner for soldering of all dental alloys	1 unit	REF 53 2350 0043
(4)	Propane oxygen burner for melting of all dental alloys	1 unit	REF 53 2350 0042
(5)	Natural gas oxygen burner for melting and soldering of precious metal alloys (not for precious metal ceramic alloys)	1 unit	REF 53 2350 0045
(6)	City gas/natural gas-compressed air burner for melting and soldering of precious metal alloys (not for precious metal ceramic alloys)	1 unit	REF 53 2350 0041

Veriflux®/Veriflux® P

Highest purity powder flux, for all precious metal alloys, packaged in a practical sprinkling jar. Effectively prevents oxidation of enamels during melting.

Veriflux®	1x 90 g Sprinkling jar (Powder)	REF 53 2534 0001
Veriflux® P	1x 90 g Sprinkling jar (Pellets)	REF 53 2534 0004



Automatic Gas Saver MC

High operational safety and economical gas consumption make this a useful accessory for flame casting. Ignition device for stand-by flame. Constant flame adjustment on the burner makes it possible to reproduce casts.

Accessories		
Check Valves for Oxygen/Compressed Air and Acetylene/Propane/Butane	1 set = 2 pieces	REF 53 2351 0160



Automatic Gas Saver MC

complete with 4 hose connections, 1 Assembly Kit

REF 53 2343 0001 1 unit

Accessories Casting Units



Crucible Pliers, special pliers for easy crucible handling.	1 unit	REF 53 2350 0025
Casting Ring Pliers, special pliers for safely gripping and transporting rings of all sizes. Their long design is a particular advantage at high temperatures.	1 unit	REF 53 2350 0008
Casting Die Conduit practical aid for pouring the alloy into hot crucibles.	1 unit	REF 53 2351 0077

Crucibles



Universal Crucible made of oxide-ceramic material for all DeguDent flame melting casting units. Intended mainly for precious metal alloys.	1 unit	REF 53 2351 0054
Special Crucible notched oxide-ceramic crucible for all DeguDent flame melting casting units, except for Motorcast compact. Prevents flashback. Mainly for non-precious metal alloys.	1 unit	REF 53 2351 0055
Crucible holder	1 unit	REF 53 2351 0052

Accessories Prestomat® compact

Graphite Crucible Pc, outstanding thermal conductivity. Oxide-inhibiting atmosphere, long life.	1x 10 piece package	REF 53 5522 0101
Ceramic Crucible Pc, crucible for all common precious metal dental alloys. Smooth surface provides "non-stick" feature.	1x 10 piece package	REF 53 5522 0102
Crucible stand fireclay	1 unit	REF 53 5522 0103



Devestment and Pickling

Neacid® Pickling Unit

Electrically heated and thermostatically controlled pickling unit for Neacid® pickling agent with low power consumption for pickling of precious metals. Swivel sieve and housing made of shock-proof and acid-resistant polypropylene.



Technical data	
Mains power supply	230/240 V~
(Special version for 100 V/127 V~ available)	
Mains frequency	50/60 Hz
Performance	40/60 W
Height x Width x Depth	190 x 170 x 180 mm
Weight	Approx. 1 kg

Neacid® Pickling Unit

REF 53 5431 0001 1 unit

Neacid®

Legendary pickling agent in powder form for removing oxides and flux residues on precious metals. Safe & easy to mix with water (Follow the directions !) Does not produce corrosive or dangerous fumes. Unlimited shelf-life.



Neacid®

1 Package with 2 bags (2x 65 g) each for 250 ml acid solution

REF 53 2522 0001 1 package

Abrasive Agent



Abrasive Agent bond. Fine corundum (grain size 105–150 µm) for conditioning precious metal frameworks prior to ceramic application & firing (Follow the recommended sand-blasting pressure!).	1x 3 kg jar	REF 53 2545 0005
Special Abrasive Agent, Mixture of glass beads (grain size 300–400 µm) and normal corundum (grain size 250–355 µm) for sandblasting of CoCr castings.	1x 3 kg jar	REF 53 2545 0011
Glaze Abrasive Agent, silanized glass beads (grain size 180–200 µm) for sandblasting of precious metal castings.	1x 2.5 kg jar	REF 53 2545 0021

Laser Welding Unit Connexion II Ergo

Laser welding unit of the superclass. Sweet spot technology for even pulse behavior and simplified positioning of the object within the focusing range. Pulse customization for the tuning of the energy process on each alloy. Rich equipment such as 20-Hz technology, movable argon nozzles, numerous programming possibilities, etc.

Technical data	
Laser Source	Pulsed Nd: YAG laser – Sweet spot
Power Supply	400 V
Wavelength	1.06 µm
Average Nominal Power	Approx. 40 W
Max. Pulse Energy	Approx. 60 joules
Max. Pulse Peak Power	4.0 kW
Pulse Duration	0.5–50 ms
Max. Power Consumption	1.7 kW
Pulse Frequency	0–20 Hz
Variable Spot Weld Diameter	0.2–2.0 mm
Pulse Shaping	Yes (with six measuring points)
Weight	143 kg
Dimensions	L 1.000 mm x W 600 mm x H 1.200 mm

Accessories		
Cobra Display Unit (interchangeable)	1 unit	REF 53 5202 0100
Laser parameters displayed in Microscope	1 unit	REF 53 5202 0101
Air Blow Nozzle with Pedal Switch	1 unit	REF 53 5202 0102
Armrest Cushions, 1 pair	1 pair	REF 53 5202 0103
Ring Light	1 unit	REF 53 5202 0105
Resonator for precision Welding	1 unit	REF 53 5202 0106
Ergo Wedge for Microscope	1 unit	REF 53 5202 0107



Laser Welding Unit Connexion II Ergo

1 Connexion II Ergo complete with Leica Stereo Microscope, Sweet spot Resonator and Pulse Customization, 1 Connection Cable, 1 Argon Tube, 10 l DI Water

REF 53 5202 0001 1 unit

Biosil® Laser Welding Wire



5 wires, 25 cm each

REF 53 3501 2505 5x 25 cm

Solder holder for strip solder and solder rods

REF 53 2350 0016 1 unit

Handle-bar with threaded socket

Handle-bar



see: Melting and Soldering Device, page 164

REF 53 2350 0040 1 unit

Welding and Soldering

Burner

Propane oxygen burner for melting of all dental alloys	1 unit	REF 53 2350 0042
Propane oxygen burner for soldering of all dental alloys	1 unit	REF 53 2350 0043
Micro-Propane oxygen burner, with 3 different nozzles, for soldering of all dental alloys	1 unit	REF 53 2350 0044
Natural gas oxygen burner for melting and soldering of precious metal alloys (not for precious metal ceramic alloys)	1 unit	REF 53 2350 0045
City gas/natural gas-compressed air burner for melting and soldering of precious metal alloys (not for precious metal ceramic alloys)	1 unit	REF 53 2350 0041



see: Melting and Soldering Device, page 164

Deguvest® L

Precision soldering investment with ideal expansion properties. Easy to mold and trim despite extreme heat resistance.



Technical data

Total linear expansion up to 700 °C	approx. 1.2%
Compressive strength after 2 hours	3.5 N/mm ²
Working time range	3–4 min

Deguvest® L	1 x 2 kg jar	REF 53 2508 0001
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Flux DS1

Paste-flux for pre- and post-soldering of precious metal ceramic alloys. Especially suitable for solders with a working temperature range higher than 800°C.



Flux DS 1	1 x 50 ml jar	REF 53 2540 0052
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Oxynon®

Special flux which prevents oxide build up when soldering non-precious alloys.



Oxynon®	1 x 50 ml jar	REF 53 2531 0004
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Flux T

Low-viscosity flux that flows readily onto alloy surfaces being soldered, regardless of how small the gap. Especially well suited for post-soldering. For temperatures of up to 850 °C.



Flux T	1 x 100 ml bottle	REF 53 2540 0050
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Anoxan®

Paste-flux for Crown & Bridge soldering. Suitable for solders with a working temperature range of up to 850 °C.



Anoxan®	1 x 50 ml jar	REF 53 2529 0001
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Contex®

Anti-fluxing agent in paste form. This carbon paste prevents solders from contacting undesired surfaces, facilitating extremely precise soldering.



Contex®	1 x 50 ml jar	REF 53 2524 0004
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Milling Unit F4 basic

Economical milling unit with rigid and mobile milling arm. Ergonomic, functional operation by adapted working level and control panel. Solidly, matured technology guarantees multifunctional use.

Technical data		
Supply voltage (mains voltage)	100–240 V	
Supply frequency (mains frequency)	50/60 Hz	
Performance	100 W	
Milling spindle speed (continuously adjustable)		
Clockwise rotation	1.000–25.000 RPM	
Anticlockwise rotation	1.000–7.000 RPM	
Magnetic work plate	Ø 145 mm	
Working way range, vertical	200 mm	
Dimensions (height x width x depth)	550 x 275 x 400 mm	
Weight	approx. 22 kg	
Accessories		
Milling spindle	1 unit	REF 53 2351 1030
Collet chucks 2.35 mm Ø/15 mm	1 unit	REF 53 2351 1024



Milling Unit F4 basic

1 Milling unit F4 basic with 1 dust protection cover

REF 53 5154 0001 1 unit

Spotlights LED

High performance LEDs of the newest generation make broad, even illumination without heat development. Life span over 100.000 hours. Easy assembly, since power is supplied by the milling unit (fits to F4 basic and F3 Ergo).

Technical data	
Supply Voltage	100–240 V
Performance	3 W

REF 53 5153 0110 1 unit



Milling

Model Table

High-precision model table with a tilt angle of up to 30°, with quick-action clamping mechanism for fast model change. Horizontal position self-locking. Metallic base for magnetic fastening of the models in the milling unit.



Model Table for Milling Unit F4 basic 1 unit REF 53 2351 1033

Plaster Build-up Plate

The combination of magnetic base with an absolutely flat glass surface guarantees a precise model base for a reproducible path of insertion.



Plaster Build-up Plate 1 unit REF 53 2351 1034

Model Table basic

Economic model table with a self-locking horizontal position. Tilttable around 30°. To be fixed magnetically in the milling unit. Almost all models can be clamped fast and safe.



Model Table basic for Milling Unit F4 basic 1 unit REF 53 5154 0100

Plaster Build-up Dish

3 different sizes for efficient production of milling bases with a magnetic base and rubber sleeve.



Plaster Build-up Dish, Ø 44 mm 1 unit REF 53 2351 1035

Plaster Build-up Dish, Ø 65 mm 1 unit REF 53 2351 1036

Plaster Build-up Dish, Ø 80 mm 1 unit REF 53 2351 1037

Multi-Purpose Spindle

Accessory for chucking instruments designed for manually treating objects or for placing attachments. Universal three-jaw chuck (0–3.175 mm Ø).



Multi-Purpose Spindle with 1 conical wrench 1 unit REF 53 5153 0101

Swivel unit

Swivel unit for milling base and model table



Swivel unit for milling base and model table. 1 unit REF 53 5152 0102

Konator®

Auxiliary device for efficient manufacturing of double crowns. The ideal core position is fixed within an individual setting range of 0°–6° and can be processed with just one tool in accordance with the cone tolerance.

Accessories		
TwisTec® wax cutter, tapered, round 6°	1 unit	REF 5990 1209
TwisTec® conical cutter, plain-cut, 6°	1 unit	REF 5990 1018
1 Transfer piece	1 unit	REF 2351 1051



REF 53 2351 1050

1 unit

Konator® Flex-System “Hamm”

System for surface treatment for primary tapered crowns and telescopic crowns with grinding paper supports directly on the model or milling base (grinding paper support and grinding paper also available separately).

Accessories		
Grinding paper support 0°, cylindric, shaft Ø 3.0 mm	1 unit	REF 53 2351 1302
Grinding paper support, 2°, positive cone, cylindric, shaft Ø 3.0 mm	1 unit	REF 53 2351 1312
Grinding paper support, 4°, positive cone, cylindric, shaft Ø 3.0 mm	1 unit	REF 53 2351 1313
Grinding paper support, 6°, positive cone, cylindric, shaft Ø 3.0 mm	1 unit	REF 53 2351 1314
Grinding paper support 0°, cylindric, shaft Ø 2.35 mm	1 unit	REF 53 2351 1337
Grinding paper support, 2°, positive cone, shaft Ø 2.35 mm	1 unit	REF 53 2351 1341
Grinding paper support, 4°, positive cone, shaft Ø 2.35 mm	1 unit	REF 53 2351 1342
Grinding paper support, 6°, positive cone, shaft Ø 2.35 mm	1 unit	REF 53 2351 1343
Grinding paper, grain-size 120, 0°	1x 100 piece package	REF 53 2351 1320
Grinding paper, grain-size 120, 2°	1x 100 piece package	REF 53 2351 1321
Grinding paper, grain-size 120, 4°	1x 100 piece package	REF 53 2351 1322
Grinding paper, grain-size 120, 6°	1x 100 piece package	REF 53 2351 1323
Grinding paper, grain-size 240, 0°	1x 100 piece package	REF 53 2351 1324
Grinding paper, grain-size 240, 2°	1x 100 piece package	REF 53 2351 1325
Grinding paper, grain-size 240, 4°	1x 100 piece package	REF 53 2351 1326
Grinding paper, grain-size 240, 6°	1x 100 piece package	REF 53 2351 1327
Grinding paper, grain-size 600, 0°	1x 100 piece package	REF 53 2351 1328
Grinding paper, grain-size 600, 2°	1x 100 piece package	REF 53 2351 1329
Grinding paper, grain-size 600, 4°	1x 100 piece package	REF 53 2351 1330
Grinding paper, grain-size 600, 6°	1x 100 piece package	REF 53 2351 1331

**Content:**

Grinding agent support with positive cone, 2 each with angles 0°, 2°, 4°, 6°, 3 mm Ø shaft thickness,
 10 Grinding paper supports with grain size 120, 0°, 2°, 4° and 6°
 10 Grinding paper supports with grain size 240, 0°, 2°, 4° and 6°
 10 Grinding paper supports with grain size 600, 0°, 2°, 4° and 6°

REF 53 2351 1310

1 package

Milling

Transfer Kit

Practical aid for fixing and finding the measured model position.



Transfer Kit	1 Kit with 5 Transfer pins, 20 Model nipples, 1 Drill	REF 53 2351 1047
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Knetotherm

Indispensable plastic mass for manufacturing of milling metal cores. Used to fix objects before they are poured out with milling core metal.



Knetotherm	1x 80 g package	REF 53 2351 1026
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Milling Core Metal

For manufacturing of metal cores for milling models.
High strength, low melting temperature.



Milling Core Metal	1x 250 g package	REF 53 2351 1025
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Cone Former

Aid for the modelling of primary crowns in wax in angles from 0° to 12°



Cone former	1 unit	REF 53 2351 1044
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ProFire® compact

Ceramic firing furnace of the latest generation for 500 programs and for all common veneering ceramics. Reproducible results by safe firing. Quick program access by individualized interfaces. Firing programs can be stored on USB sticks. Self explaining menu structure and simple operation through jog dial. Firing cycle can be displayed by graphic.

Technical data	
Mains voltage	230 V - 240 V
Max. performance	1.300 W
Ausschalter mit Thermosicherung	(reversibel)
Ambient temperatures	4-40 °C
Weight	23 kg
Dimensions	460 x 270 x 430 (Height x Width x Depth)

ProFire® compact

1 porcelain firing furnace, complete with power cord,
1 firing tray, 6 firing pins, 1 pair of tweezers, 1 firing base,
1 USB memory stick, 1 shelf, 1 hose for vacuum pump

REF 53 5656 0001

1 unit



ProFire® press

Ceramic firing furnace of the latest generation for 500 programs and for all common veneering ceramics. Reproducible results by safe firing. Quick program access by individualized interfaces. Firing programs can be stored on USB sticks. Self explaining menu structure and simple operation through jog dial. Firing cycle can be displayed by graphic.

Technical data	
Mains voltage	230 V - 240 V
Max. performance	1.300 W
Ausschalter mit Thermosicherung	(reversibel)
Ambient temperatures	4-40 °C
Weight	27 kg
Dimensions	560 x 270 x 430 (Height x Width x Depth)

ProFire® press

1 porcelain firing furnace, complete with pressure reducing valve and power cord, 1 firing tray, 6 firing pins, 1 pair of tweezers, 1 firing base, 1 pressing base, 1 USB memory stick, 1 shelf, 1 hose for vacuum pump, 2 press stamps, 1 plunger tray

REF 53 5657 0001

1 unit



Ceramic

ProFire® vac

Vacuum pump for the ProFire® furnaces.
Service free, quiet, compact and powerful.



Technical data

Mains voltage	230 V 50/60 Hz
Max. performance	80 W
End vacuum	12 mbar
Dimensions (Length x Width x Height)	317 x 110 x 210 mm
Weight	6,8 kg

REF 53 5656 0100

1 unit

Accessories Cergo®/ Cergo®Kiss



(1) Memory Card (Back-up-card). Expands the memory capacity of Cergo® furnaces. Up to 40 individual programs can be stored.	1 unit	REF 53 5555 0201
(2) Ducera Firing Programs High-fusing. Chip card for Cergo® furnaces with 23 Duceram® Plus and Duceram® PFM programs.	1 unit	REF 53 5555 0204
(3) Press Stamp holder	1 unit	REF 53 5556 0100
(4) Press Stamp	1 unit	REF 53 6590 2001
(5) Rubber Sleeve for 100 g Muffle	1 unit	REF 53 6590 1001
(5) Rubber Sleeve for 200 g Muffle	1 unit	REF 53 6590 1002
(6) Muffle Former for 100 g Muffle, 1 Mounting, 1 spacer ring	100 g Muffle	REF 53 6590 1101
(6) Muffle Former for 200 g Muffle, 1 Mounting, 1 spacer ring	200 g Muffle	REF 53 6590 1102
(7) Firing Tray	1 unit	REF 53 6590 1201
(8) Firing Pin Set	7 pieces	REF 53 6590 1202
(9) Firing Pad	1 unit	REF 53 6590 1203
Firing Tray Kit	Content: 1x Firing Tray 1x Firing Pin Set (7 pieces) 1x Firing Pad	REF 53 6590 1210
Pliers	1 unit	REF 53 5555 0300

Cergo® fit

Technical data		
Mixing ratio (powder : dist. water)	100 g : 21 ml	
Total linear expansion	1.4–2.4%	
Setting expansion	0.6–1.2%	
Thermal expansion	0.8–1.2%	
Mixing time (under vacuum)	60 s	
Setting time (according to Vicat)	400–600 s	
Compressive strength	4–9 MPa	
Working time range (at 20°C)	7–8 min	
Cergo® fit	Package with 65x 100 g bags	REF 53 2532 0100

Phosphate-bonded, plaster free special investment for pressable ceramics. The composition of this product in combination with an ideal compressive strength makes the divesting of the pressed ceramic very easy. Precise expansion control for reproducible and perfect fit. To be mixed with Special Liquid.



REF 53 2540 0514/Special Liquid page 158
REF 53 2540 0114/Special Liquid page 158



Cergo® fit Speed

Technical data		
Mixing ratio (powder : dist. water)	100 g : 25 ml	
Total linear expansion	> 3.0%	
Setting expansion	> 2.0%	
Thermal expansion	> 1.0%	
Mixing time range (under vacuum)	60 s	
Setting time (according to Vicat)	8–11 min	
Compressive strength	5–7 N/mm ²	
Working time range (at 20°C)	5–7 min	
Cergo® fit Speed	Package with 65x 100 g bags	REF 53 2532 0200

Phosphate-bonded, plaster-free special investment for fast heating of pressable ceramics. Guarantees safe working from mixing to sandblasting. Optimal fit results, exact detail reproduction and outstanding surfaces. To be mixed with Cergo® fit Speed Liquid.



REF 53 2540 0117/Cergo® fit Speed Liquid page 175



Cergo® fit Speed Liquid

Mixing liquid for Cergo® fit Speed press ceramic investment.

Cergo® fit Speed Liquid	1x 1450 ml bottle	REF 53 2540 0117
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Others

Phantom Metal NF Introductory Set

Set with casting alloy, solder and flux agent for training in dental technical work. Outstanding processing properties.



Accessories

Phantom Metal NF Crown Sheet	1x 50 g package	REF 53 2539 0002
Casting Flake Phantom-Metall NF	1x 50 g package	REF 53 2539 0003
Solder 1 (Primary Solder)	1x 1,5 g box	REF 53 2539 0004
Solder 2 (Post-Solder)	1x 1,5 g box	REF 53 2539 0005

Phantom Metal NF Introductory Set

1 Set with 1 x 20 g Phantom Metal NF, 1 x 1.5 g Phantom Metal Solder 1 (Primary solder), 1 x 1.5 g Phantom Metal Solder 2 (Post solder), 1 x 10 ml Veriflux®, 1 x 20 ml Anoxan®

REF 53 2539 0001

1 set

Polishing Paste

Yellow paste for pre-polishing of precious metals, suitable for polishing with hand-piece.



REF 53 2536 0001

1 unit

Standard Terms and Conditions

1. General Provisions

The following Standard Terms and Conditions shall apply only towards enterprises (Section 14 German Civil Code). They form an integral part of all current and future contracts and agreements concluded with us. In particular, they apply to sales and delivery contracts and to any advisory services rendered by us in relation thereto. The Purchaser acknowledges the applicability of these Terms and Conditions – also for follow-up business, if any – by not objecting to them upon receipt, at the latest upon receipt of our goods or other services. Oral side agreements, exclusions from, amendments of or additions to these Standard Terms and Conditions and to the contracts concluded on the basis hereof require express written confirmation by us to be valid. This shall also apply to any waiver of this written form requirement. The applicability of other general terms and conditions of the Purchaser is hereby objected to, even for the event that they are submitted to us in a confirmation letter or in any other way. Any unconditional delivery of goods and services as well as the acceptance of payments on our part does not constitute an acknowledgement of any provisions deviating from these Standard Terms and Conditions. Unless otherwise specified in these Standard Terms and Conditions, the terms and definitions of INCOTERMS 2000 shall apply.

2. Offers, Contracts, Copyrights

Our offers are subject to confirmation; a contract is only established by our written order confirmation or if orders have been executed by us. Statements and notifications by the Purchaser subsequent to the conclusion of the contract are only valid if made in writing. We reserve title to and copyright for pictures, drawings, calculations and any other documents. These shall not be made available to any third party. Before passing them on to any third party, our express written consent needs to be obtained.

3. Prices, Terms of Payment

All prices are “ex works”, excluding packaging, plus applicable statutory VAT. Payment is due immediately upon invoicing and shall be made to us free payment office, unless otherwise agreed. Deductions of discounts must be agreed separately in writing. The Purchaser may only offset such claims which are uncontested or have become non-appealable.

4. Place of Performance, Transportation Insurance

The place of performance is our place of business. Unless otherwise provided for in the order confirmation, delivery is agreed to be “ex works”. The risk passes to the Purchaser when the products or devices are shipped, even when freight is paid. We principally cover delivery by a transportation insurance; the costs incurred are to be borne by the Purchaser. Transport packaging and all other packaging subject to the German Packaging Regulations [Verpackungsordnung] are not taken back, except for pallets. The Purchaser is obliged to dispose of the packaging at its own costs.

5. Delivery, Duty to Cooperate

The scope of our delivery obligation is exclusively defined in the contract concluded with us. Our goods are subject to changes in construction, form and colour resulting from technical improvements or legal requirements, provided such changes are not substantial or otherwise unacceptable for the Purchaser. If the Purchaser can be reasonably expected to accept partial deliveries, these may be made and invoiced. Terms of delivery are generally stated subject to the cooperation of the Purchaser in accordance with the contract. The compliance with our delivery obligation requires the timely and due fulfilment of the Purchaser's obligations. If after conclusion of the contract it turns out that the Purchaser does not sufficiently guarantee its solvency, and our claim for payment is endangered, we may withhold delivery until the Purchaser has effected payment or furnished a security. If payment or security has not been received within 12 working days of request, we are entitled to withdraw from the contract. If the Purchaser defaults in calling, taking delivery of, or collecting goods, or if the Purchaser is responsible for a default in shipment or delivery we shall be entitled, without prejudice to any further claims, to charge a flat charge in the amount of locally customary storage costs, irrespective of whether we store the goods in our warehouse or with a third party. The Purchaser may prove that no damage has occurred or that the amount of damage was lower.

6. Delivery Dates, Default in Delivery

Delivery dates, delivery periods and performance periods are agreed in writing. The date of the order confirmation is authoritative for the commencement of such periods. If we are unable to comply with the agreed delivery date for circumstances on our part or on the part of our suppliers which are not within our control, the delivery date shall be reasonably extended. We will promptly inform the Purchaser of such circumstances. If the impeding circumstances still exist one month after expiry of the agreed delivery date, either party may withdraw from the contract. Further claims for default in delivery, for which we are not responsible, shall be excluded. If we do not receive delivery despite having placed equal orders with reliable suppliers, we will be released from our performance obligation and may withdraw from the contract. In the event of a default in delivery, the Purchaser shall in case of proven damage be entitled to claim a lump sum default compensation of 0.5 % of the delivery value for each full week of default, maximum 5 % of the delivery value. The Purchaser can furthermore grant a reasonable additional period, which may not be less than 15 working days. If the additional period expires without result, the Purchaser is entitled to withdraw from the contract or to claim damages instead of performance. Any claims for damages due to a default in delivery, and claims for damages instead of performance, which exceed the aforementioned lump sum, shall be excluded in all events of delayed delivery, including after expiry of the additional period of delivery. The limitation of liability shall not apply if the default is caused by intent, gross negligence or substantial breach of duty. It does also not apply if a commercial transaction for delivery by a fixed date has been agreed. The foregoing provisions do not entail any change of the burden of proof to the prejudice of the Purchaser.

7. Retention of Title

We retain title to the delivered goods until all our receivables against the Purchaser from the business relationship have been settled, including future receivables from contracts concluded at the same time or later. This shall also apply if receivables are billed periodically and the balance is brought forward and accepted. The Purchaser is entitled to sell or process the goods in the ordinary course of business. Should processing be required, the Purchaser shall do it for us; we do, however, not incur any ensuing obligation. In the case of processing, connecting or mingling of retained goods with other items, we shall generally acquire co-ownership in the newly created product, i.e. in the event of processing at a ratio of the invoiced value (= invoiced gross value including incidental charges and taxes) of the retained goods at the value of the newly created product, in the event of connecting or mingling at a ratio of the retained goods in proportion to the invoiced value of the other items. The Purchaser hereby assigns to us all claims arising against its customers or third parties from the resale. The Purchaser remains authorised to collect such claims also after the assignment. Our entitlement to collect claims ourselves shall remain unaffected thereby; we shall, however, not make use of such right as long as the purchaser duly complies with its payment and other obligations. Upon our request, the Purchaser shall inform us about assigned claims and the respective debtors, give us all necessary information for collection, hand over the relating documents and inform the debtor of the assignment. If the Purchaser acts in breach of contract, in particular in the event of default in payment, we are entitled to withdraw from the contract and take back the goods. For the purpose of taking back the goods, the Purchaser hereby irrevocably grants us access to its business and warehouse premises in order to collect the goods. Within the scope and period of our retention of title, the Purchaser may neither assign nor pledge any goods or products produced from such goods without our consent. The conclusion of financing agreements (e.g. leasing agreements), which include the assignment of our retention rights, are subject to our prior written consent, unless the contract obligates the financing institution to pay the part of the purchase price owed to us directly to us. Purchaser must immediately inform us in writing about attachments or other interventions by third parties. Purchaser is prohibited from making arrangements with its customers which might interfere with our rights. We undertake to release collateral pledged to us, if Purchaser so desires and at our own discretion, provided that the realisable value of the collaterals exceeds the receivables to be collateralised by more than 20 % or if it exceeds their nominal value by more than 50 %.

8. Product Information

Our statements on our products and devices as well as about our systems and procedures are based on extensive research and technical application experience. We provide these results, which we do not assume any liability exceeding the respective individual contract, in word and writing to the best of our knowledge, but reserve the right to technical amendments within the scope of product development. This, however does not release the Purchaser from personally examining our products and procedure for applicability for own use. Application specifications of the Purchaser are only relevant if we confirmed to the Purchaser in writing upon conclusion of the contract that the delivered products or devices are suitable for the use intended by the Purchaser. This also applies with regard to the safeguarding of proprietary rights of third parties as well as for applications and procedures.

9. Defects of Quality

Claims of the Purchaser for defects of quality regarding newly produced products and devices are statute-barred within one year from delivery or installation of the agreed item of delivery and performance, unless otherwise agreed. Claims of the Purchaser for defects of quality regarding used products and devices are statute barred within six months from delivery or installation of the agreed item of delivery and performance, unless otherwise agreed. In the event of fraudulent concealment of defects, wilful conduct or the assumption of a quality guarantee, the statutory limitation periods shall apply. The statutory limitation periods shall also apply to recourse claims under purchase contracts for consumer goods of the Purchaser or its customers. The Purchaser is obliged to personally, or through the recipient named by it as its vicarious agent, examine the goods or performance without undue delay after delivery. With regard to the examination obligation and obligation to notify defects, Section 377 German Commercial Code applies. Obvious defects – also deviations from any agreed quality – have to be notified in writing without undue delay, hidden defects directly upon detection, at the latest however within the limitation period mentioned in para. 1 above. If the Purchaser fails to notify any defect in due form and time, the goods are considered to be approved. The Purchaser may not derive any further rights from defects of quality which do not or only insubstantially impede the value and the suitability of the goods for the use noticeable to us. In the case of justified complaints, we are at our choice obliged to either delivery faultless replacements or to remedy the defect without charge, unless the expenses arising from the subsequent performance are disproportionate in comparison with the defect and are unacceptable for us. The Purchaser is obliged to reassign any replaced or exchanged parts to us. If the subsequent performance fails, the Purchaser shall at its choice be entitled to withdraw from the contract or to request reduction of the purchase price. If according to legal regulations we are obliged - irrespective of the cause in law - to pay damages based on a defect, this obligation to pay damages shall be limited according to clause 10 below.

10. Liability

Any liability for damages exceeding the provisions set forth in clause 9 shall - irrespective of the legal nature of the asserted claim – be excluded. This in particular applies to claims for damages from culpa in contrahendo, for other breaches of duty or claims under the law of torts for compensation of damage to property according to Section 823 German Civil Code. This does not apply insofar as liability is mandatory, e.g. according to the Product Liability Act, in any case of intent, gross negligence and due to the violation of essential contractual obligations. The claim for damages for violation of essential contractual obligations, however, shall be restricted to the foreseeable damage typical for this kind of contract, unless liability is based on intent or gross negligence or harm to life, body or health. The foregoing provisions do not entail any change of the burden of proof to the prejudice of the Purchaser. Insofar as the liability for damages is excluded or restricted in respect of us, this shall also apply to the personal liability for damages of our employees, staff members, assistants, representatives and vicarious agents. Insofar as the Purchaser is entitled to claims for damages according to this Clause 10, these shall fall under the statute of limitations upon expiry of the limitation period applicable to claims for defects of title regarding newly manufactured products and devices according to Clause 9. In the event of claims for damages according to the Product Liability Law, the legal statute of limitations regulations shall apply.

11. Statute of Limitations

Claims of the Purchaser other than claims based of defects shall be statute-barred within two years from statutory commencement of the statutory limitation period. The foregoing limitation does not apply to our liability arising from intent and gross negligence, tort, the Product Liability Act, and in the case of culpable injury to body, life and health.

12. Return of Goods

Goods delivered to the Purchaser free of defects cannot be returned or replaced without our prior written approval. Approved returns by the Purchaser are credited with a deduction from the purchase price. Goods in opened packages and products whose delivery was made more than 6 months before, can generally not be returned or replaced. All returns are at the expense and risk of the Purchaser.

13. Disposal of Electrical and Electronic Devices

Our electrical and electronic devices are B2B products and not intended for private use. After discontinuation of use, the Purchaser is obliged to properly dispose of delivered electrical and electronic devices within the meaning of the German "Act Governing the Sale, Return and Environmentally Sound Disposal of Electrical and Electronic Equipment" (ElektroG) of 16 March 2005. The Purchaser holds us free and harmless from the obligations according to Sec. 10 Para. 2 ElektroG (producer's obligation accept returned goods) and indemnifies DeguDent from any claims of third parties relating thereto. The Purchaser shall contractually obligate commercial third parties to whom it resells the delivered electrical and electronic devices to properly dispose of the products after discontinuation of use and to pass on the corresponding obligation in case of a further resale. If the Purchaser does not comply with its obligation to contractually obligate third parties to whom it resells the electrical and electronic devices to assuming the disposal duties and their passing on, the Purchaser will be obliged to accept return of the delivered goods after the discontinuation of use at its own costs and to properly dispose of them in accordance with the statutory obligations. Our claim for acceptance of return and indemnification by the Purchaser shall not become time-barred before the expiry of two years after the final discontinuation of use of the device. The two-year period with suspension of expiration shall at the earliest commence upon our receipt of a written notification of the Purchaser on the discontinuation of use.

14. Statements of Account

The Purchaser is obliged to review statements of account, in particular balance confirmations as well as other accounts and notices for correctness and completeness. Objections against statements of account have to be submitted within one month from receipt; other objections shall be raised without undue delay. The omission of timely objections is considered as approval; statutory claims of the Purchaser for justified objections after the expiry of the period shall remain unaffected.

15. Place of Jurisdiction

If the Purchaser is a merchant, the place of jurisdiction shall be our registered office. However, we are also entitled to take action against the Purchaser at its general place of jurisdiction.

16. Governing Law

All legal relationships between the Purchaser and us shall be governed by the laws of the Federal Republic of Germany, to the exclusion of the UN Convention on the International Sale of Goods (CISG).

17. Partial Invalidity

Should individual provisions of these Terms and Conditions be or become invalid as a whole or in part, the validity of the remaining provisions shall remain unaffected thereby. Note: We regularly store and process the Purchasers' data by EDP to the extent required for proper handling of the contractual relationships.

Hanau, 01 September 2009 DeguDent GmbH





Fascination Prosthetics

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