

# IMPLA



Since 1963

**IMPLA**

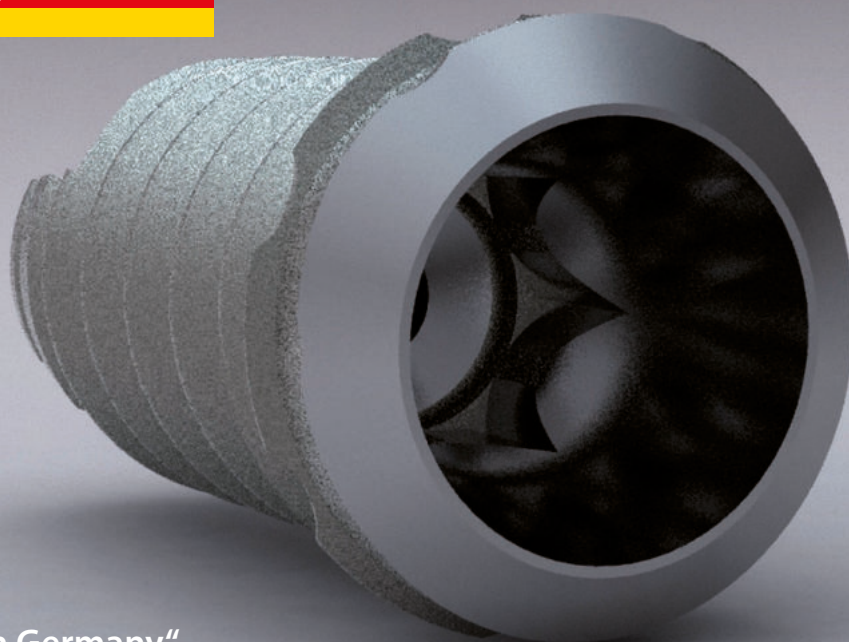
## The System





Since 1963

**IMPLA**



„Made in Germany“

Quality and experience for over 50 years.

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## IMPLA – The System

**Thank you for your interest in IMPLA – Dive with us into the world of the IMPLA system: Experience it all here at a glance!**

If you have any questions, we are happy to help you personally:  
by telephone **+49 (0)6003 814-365** or by e-mail **export@schuetz-dental.de**.

You can also refer to our online catalog at [www.schuetz-dental.com](http://www.schuetz-dental.com)

Your IMPLA team

### **Valuable tip!**

Join our IMPLA training courses.  
For a list of current events, please  
see: [www.sdent.eu/implaevents](http://www.sdent.eu/implaevents)



Tradition

Innovation

„Made in Germany“

Quality and experience for over 50 years.

## IMPLA – Tradition and innovation

### It began with an idea.

The idea of putting smiles back on the faces of patients. Dentists were already using the predecessors of the current IMPLAnts over 50 years ago. Benefit from many years of experience.

Lothar Kanth developed these precursors in the 1960s. Since then, the IMPLA system has been continuously developed and improved for and with our customers. Both this continuity and our very high quality standard “Made in Germany” make the IMPLA system one of the most sophisticated implant systems in the world.

By integrating the IMPLA 3D navigation software into the “Complete Digital Workflow”, the system also offers you a very high degree of future viability. The “Complete Digital Workflow” ensures holistic networking of the different digital systems.

Whether by telephone or with you in your dental surgery: the experienced and dedicated IMPLA team will always be ready to offer you competent advice.

#### Safety tested

Our implants have been used successfully in the clinical environment since 1963. IMPLA means safety and high German quality at reasonable prices.

#### We are here for you!

Whether on the phone or in person at your site, the experienced and dedicated IMPLA team is here to offer you professional support for all your questions.

Tel. +49 (0) 6003 814-365 • E-mail: [export@schuetz-dental.de](mailto:export@schuetz-dental.de)





## The small but important difference

80 µm

## Perfection „Made in Germany“

By means of a certified procedure, we achieve a micro-structured, high purity surface.

We achieve a microstructured, high purity surface by using a certified procedure. The blasted and etched surface ensures optimal cell adaptation, and fast and reliable healing. Studies show that a surface roughness between 1.0 and 2.0 µm creates an optimum basis for

reliable osseointegration (cf. Wennerberg/Albrektsson, 2006, International Dentistry SA Vol. 8, No. 6, 2006). Internal measurements show that IMPLA implants have an average surface roughness of 1–2 µm.

### Parameter table: Amplitude parameters according to ISO 4287

| Context   |    |                          | Mean | Std dev | Min  | Max  |
|---|----|--------------------------|------|---------|------|------|
| Amplitude parameter - Surface roughness profile |    |                          |      |         |      |      |
| Ra  | µm | Gaussian filter 0.025 mm | 1.25 | 0.101   | 1.12 | 1.44 |

4.5 mm IMPLA Cylindrical. Determination of the mean roughness  $R_a = 1.25 \mu\text{m}$

### Non-contact means safe



IMPLA implants (except Interim) are delivered in double sterile packaging. Using the integrated insertion aid you can insert the implant straight from the packaging. You do away with the fiddly step of removing the implant from the packaging using an instrument. This makes your work efficient and easier and offers your patients even greater safety.

### Cost transparency



For the two-part implant lines Cylindrical, Dual Surface and Micro Retention, insertion post, laboratory screw and implant healing cap are already included in the scope of delivery of the implant.



## You have the choice

### Seven implant lines in only one box.

Just the right implant for nearly every indication and all this in only one single, clearly laid out surgery box.

You and your assistance no longer have to deal with multiple trays. This will make your work not only safer, but even more efficient. This advantage is also reflected in the laboratory accessories.

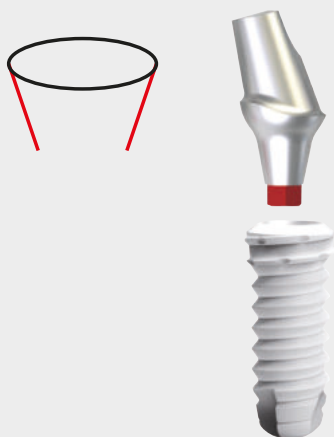
Although the two-part IMPLA system offers six different surgical diameters (3.3 mm | 3.6 mm | 4.2 mm | 4.5 mm | 5.3 mm | 5.5 mm), the system uses only three prosthetic

platforms (each with the smaller diameter ● 3.3 mm | ● 4.2 mm | ● 5.3 mm).

Thus, the processes from impression taking to the gingiva former to the abutment can be organized in a unique and simple way - both during the procedures in the surgery and during the production in the dental laboratory.

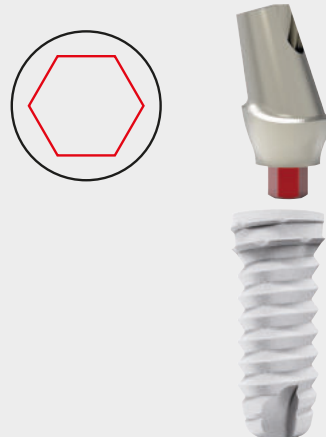
Two connections, the choice is yours

#### Cone Connection



Combination of internal conical connection and rotation-lock (hexagonal).

#### Hex Connection



Internal hexagonal connection.





[www.sdent.eu/implaevents](http://www.sdent.eu/implaevents)

Curriculum Anatomie

Universität Dresden in cooperation with DGZI



## IMPLA – Training Courses

Join us as we head into the future. We will support you with a wide range of courses:

Thanks to cooperation with prestigious implantologists and specialist companies from all over the world, the IMPLA system has become a genuine all-rounder for everyday use in

the implantology world and fulfills your every requirement. Our renowned course instructors report on modern techniques, innovative methods, and pioneering processes.



### IMPLA courses

- **IMPLA Implantological Training Camp**  
*5 days of practical experience!*
- **Curriculum „The Tissue Master Concept“**  
*Course I: Beginners – The Basics of the TMC*  
*Course II: Advanced – Treatment concept and clinical case scenarios in greater detail*  
*Course III: „The Blade Philosophy“ – New strategies in soft tissue and PA surgery*  
*Course IV: Experts – Pioneering aspects of the TMC*
- **Implantology Curriculum**  
*Application-oriented theory foundation course by practitioners for practitioners (7 modules)*
- **IMPLA Curriculum: Anatomy**  
*With practical exercises on a human specimen*
- **IMPLA practical intensive course & assistance program**  
*Implantology for beginners & advanced – a patient case from planning through implementation to after-checks*

For a full list of courses, conferences and training programs, please visit:

[www.sdent.eu/implaevents](http://www.sdent.eu/implaevents)

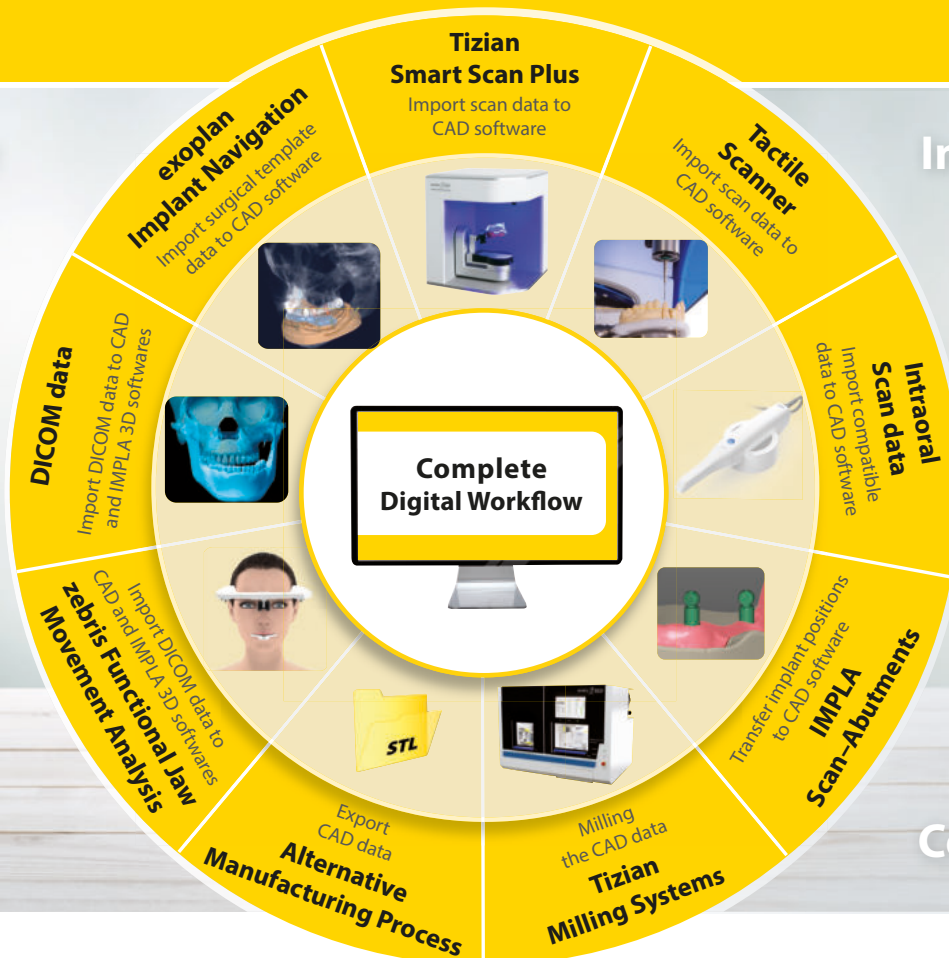
SCHÜTZ DENTAL



Predictable  
Results

Open  
Systems

Excellent  
Support



Independence

High  
Safety

Even higher  
Cost efficiency

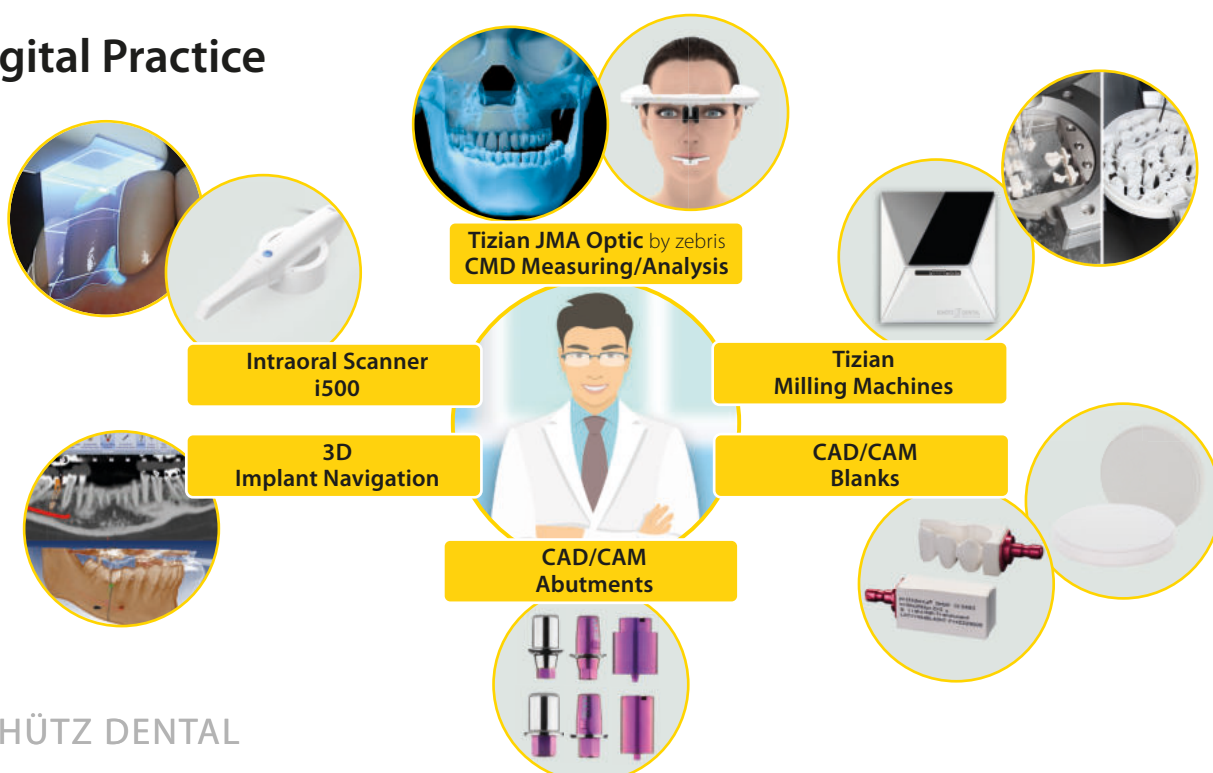
## IMPLA – Part of the Complete Digital Workflow

### An open system

The IMPLA system is naturally equipped to face the digital future that practices are heading into. By connecting the IMPLA 3D system to the Tizian JMA Optic jaw measurement system by zebris and using modern CAD/

CAM technology, even today, it is already possible to integrate a huge range of data into your implant planning. Benefit from this decisive competitive advantage now!

### Digital Practice







# Excerpt from our network of course instructors

## Renown national and international IMPLA users



**Dr. med. Henning Aleyt**  
Specialist for oral and  
maxillofacial surgery  
Zeitz, Germany



**Dr. med. dent. Dr. scient.  
med. Philipp Plugmann**  
M.Sc. Periodontology & Implant  
Therapy (DGParo)  
Leverkusen, Germany



**Dr. med. stom. Simon Bass**  
Dentist & Implantologist  
Berlin-Steglitz, Germany



**Dr. Amir Hossein Rezaei**  
Dentist, Periodontist  
Berlin, Germany



**Dr. med. dent. Umut Baysal**  
Dentist & Implantologist,  
Study group leader DGZI  
Attendorn/Cologne, Germany



**Dr. med. dent. Jürgen Schmitz**  
M.Sc. Orthodontics  
Frechen, Germany



**Dr. med. dent. Matthias Beldoch**  
Dentist & Implantologist  
Cologne, Germany



**Dr. Marjan Stojanovski**  
Periodontist & Implantologist  
Skopje, North Macedonia



**Michael Domin**  
Dentist & Dental Technician  
Pulheim-Sinthern, Germany



**Prof. Dr. Mazen Tamimi**  
Maxillofacial Surgeon (PhD) University  
Visiting Professor in USA, Egypt,  
Germany  
Amman, Jordan



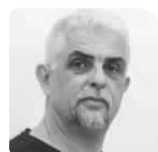
**Dr. med. dent. Christian Dräger**  
Dentist & Implantologist  
Germering, Germany



**Vis. Prof. (univ. Cairo)  
Dr. Rainer Valentin**  
Dentist, Implantology Specialist  
(DGZI), Surgery, Periodontology  
Cologne, Germany



**Dr. Mitko Frangov**  
Oral Surgeon & Implantologist  
Skopje, North Macedonia  
Doha, Qatar



**Dr. Zlatko Vrškovski**  
Maxillofacial Surgeon, Implantologist,  
President IMPLA Study Club North  
Macedonia  
Bitola, North Macedonia



**Dr. Bettina Heukenkamp**  
Dentist & Implantologist  
Berlin-Steglitz, Germany



**Maximilian von Kleinsorgen**  
Dentist  
Frechen, Germany



**Dr. medic (RO) Christian Jerecinski**  
Dentist, M.Sc. Implantology,  
M.Sc. Oral Surgery/Implantology  
Paderborn, Germany



**Dr. med. dent. Frank Westerfeld**  
Dentist, Oral Surgery  
Friedberg, Germany



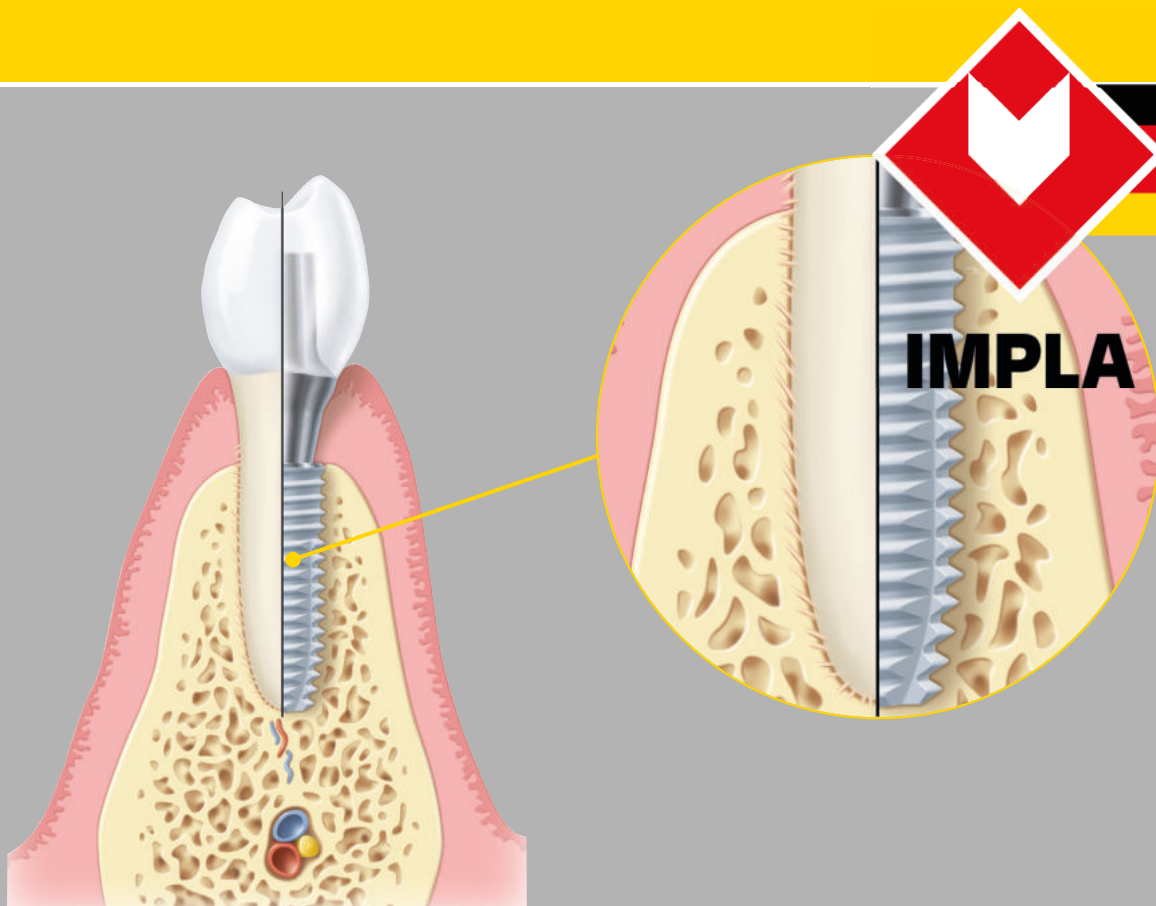
**Dr. Stefan Neumeyer**  
M.Sc. Periodontology & Periimplant The-  
rapy, Specialist Oral Implantology DGZI/  
GBOI, Specialist Implantology EDA  
Eschlkam, Germany



**M. Sc. Freddi Zelener**  
Dentist, Specialist for Implantology &  
Oral Surgery  
Berlin, Germany







Since 1963

## Implant lines

### Always the right implant at your fingertips.

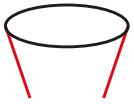
Thanks to the wide variety of implants in our system, as an implantologist you always have just the right implant at your fingertips for practically any indication.

Eight different lines with two connection types – cone connection and hex connection – are available for your individual selection. Below you will find detailed information about the different implant lines and advantages that your colleagues appreciate in the various implant lines.

information about the different implant lines and advantages that your colleagues appreciate in the various implant lines.

#### IMPLA implant lines at a glance:

- IMPLA Cylindrical Cone Connection p. 12
- IMPLA Micro Retention Cone Connection p. 14
- IMPLA Cylindrical Hex Connection p. 16
- IMPLA Micro Retention Hex Connection p. 18
- IMPLA Mini p. 20
- IMPLA Interim p. 22



## IMPLA Cylindrical Cone Connection

The cylindrical “all-round implant” with its self-tapping thread and rotation-locked internal conical connection. The basic cylindrical shape of the implant is supplemented by synchronous thread turns up to the implant shoulder. Quick adjustment of the insertion depth by the implantologist is possible in many cases.

The rotation-locked conical internal connection minimizes the microgap between the implant and the abutment. This supports preservation of the marginal bone and prevents peri-implantitis. The additional hexagonal connection inside the implant serves as a rotation lock.

### Integrated platform switching

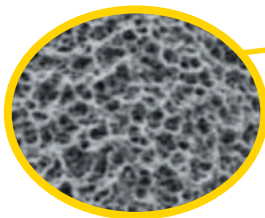
- preservation of the marginal bone level
- improvement in the soft tissue attachment

### Cone and hex

- for maximum reliability
- cone to prevent microgap
- hex for rotation lock

### Microstructured, high purity surface

- blasted and etched for optimal cell adaptation and reliable osseointegration



### Emergence profile

- for excellent, aesthetic results and time saving

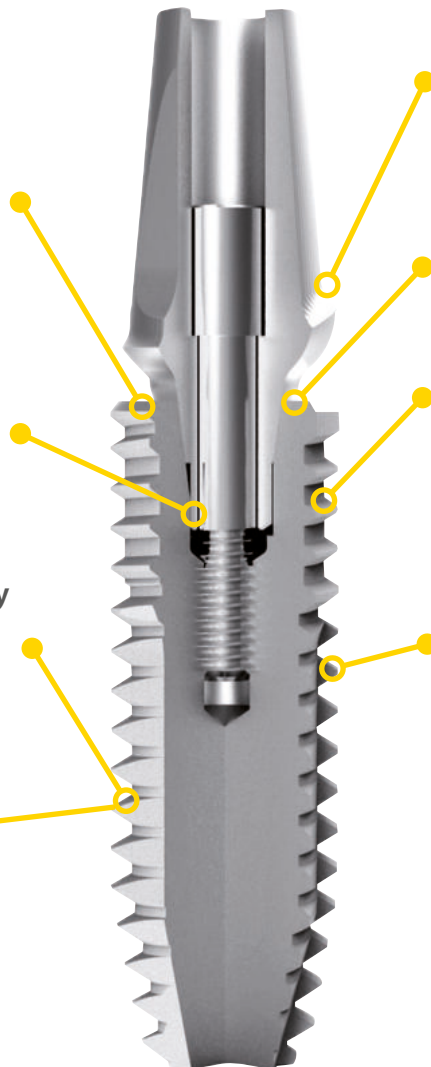
### Improved red/white aesthetics through closed microgap

### Special micro thread

- with a gradient of 0.8 mm for very high primary stability

### Self-tapping thread

- maximum surgical flexibility
- reduced surgery effort
- very high primary stability



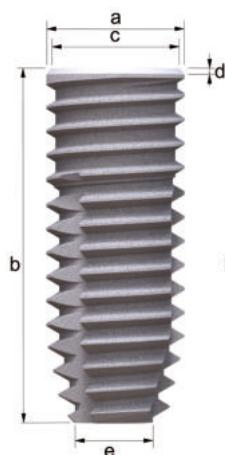
**Also available as Shorty!**





# Technical data (in mm)

## IMPLA Cylindrical Cone Connection



### Cylindrical Cone Connection

|   | a   | b    | c   | d   | e   |
|---|-----|------|-----|-----|-----|
| ● | 3.6 | 8.0  | 2.8 | 0.2 | 2.7 |
|   |     | 9.5  | 2.8 | 0.2 | 2.7 |
|   |     | 11.5 | 2.8 | 0.2 | 2.7 |
|   |     | 13.0 | 2.8 | 0.2 | 2.7 |
| ● | 4.5 | 6.5  | 2.8 | 0.2 | 3.6 |
|   |     | 8.0  | 2.8 | 0.2 | 3.6 |
|   |     | 9.5  | 2.8 | 0.2 | 3.6 |
|   |     | 11.5 | 2.8 | 0.2 | 3.6 |
|   |     | 13.0 | 2.8 | 0.2 | 3.6 |
| ● | 5.5 | 8.0  | 3.8 | 0.2 | 4.6 |
|   |     | 9.5  | 3.8 | 0.2 | 4.6 |
|   |     | 11.5 | 3.8 | 0.2 | 4.6 |
|   |     | 13.0 | 3.8 | 0.2 | 4.6 |

### Please note!

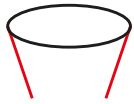
You will find further information in chapter "Prosthetics" (p. 44 et sqq.)



### Cylindrical Cone Connection

| Implant length  | Ø 3.6 mm          | Ø 4.5 mm          | Ø 5.5 mm          |
|-----------------|-------------------|-------------------|-------------------|
| 6.5 mm (Shorty) | –                 | ● Art. no. 635778 | –                 |
| 8.0 mm          | ● Art. no. 635770 | ● Art. no. 635780 | ● Art. no. 635784 |
| 9.5 mm          | ● Art. no. 635771 | ● Art. no. 635781 | ● Art. no. 635785 |
| 11.5 mm         | ● Art. no. 635772 | ● Art. no. 635782 | ● Art. no. 635786 |
| 13.0 mm         | ● Art. no. 635773 | ● Art. no. 635783 | ● Art. no. 635787 |

**Free in the scope of delivery of the implant:** Healing cap, insertion post and laboratory screw



## IMPLA Micro Retention Cone Connection

The implant with the basic conical shape and rotation-locked internal conical connection. Due to the special thread in the neck area, this implant is predestined for use particularly in the cancellous upper jaw bone. The Micro Retentions of the upper thread turn cut into the cortical bone and offer excellent primary stability. This implant line also offers fast and safe insertion possibil-

ities in hard bones. The rotation-locked internal conical connection minimizes the microgap between the implant and the abutment. This supports preservation of the marginal bone and prevents peri-implantitis. The additional hexagonal connection inside the implant serves as a rotation lock.

### Integrated Platform Switching

- for improvement in the soft tissue attachment

### Cone and hex

- for maximum reliability
- hex for rotation lock
- cone to prevent microgap

### Reliable, condensing thread design

- for improved primary stability even in soft bones

### Emergence profile

- for excellent aesthetic results and time saving

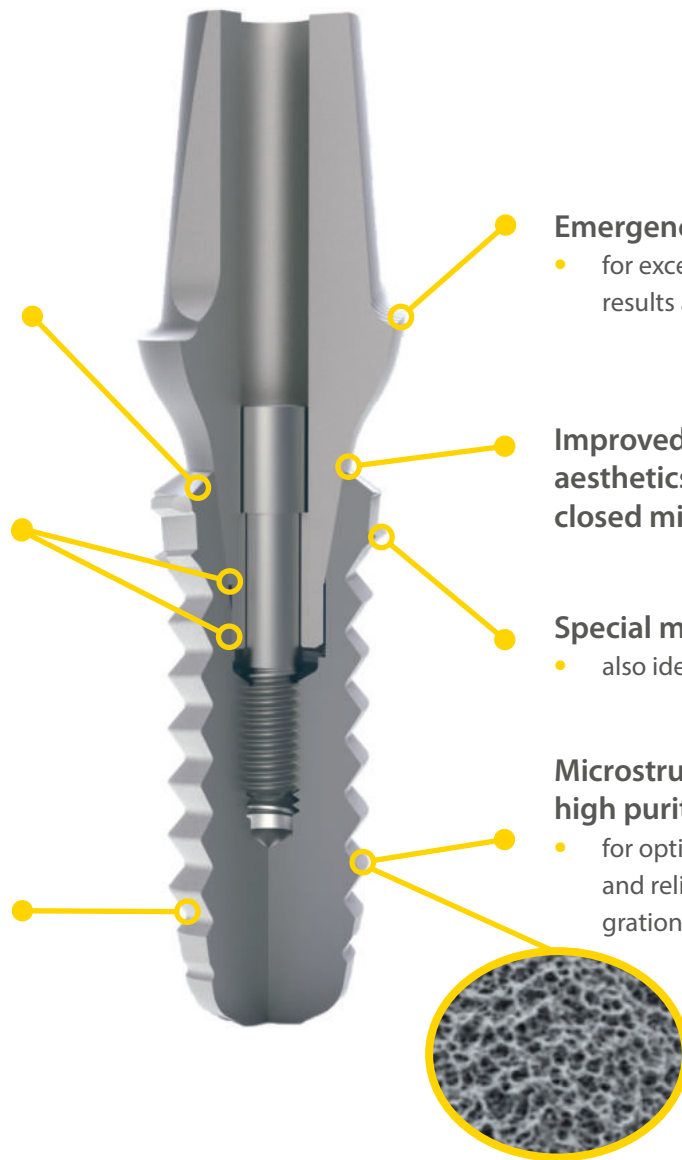
### Improved red/white aesthetics through closed microgap

### Special microthread

- also ideal for the sinus lift

### Microstructured high purity surface

- for optimal cell adaptation and reliable osseointegration

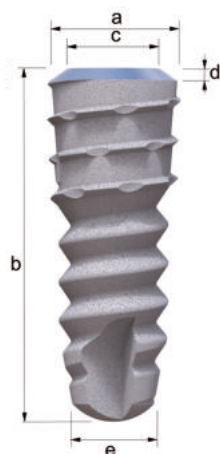






# Technical data (in mm)

## IMPLA Micro Retention Cone Connection



### Micro Retention Cone Connection

|   | a   | b    | c   | d   | e   |
|---|-----|------|-----|-----|-----|
| ● | 3.3 | 11.5 | 2.8 | 0.2 | 2.7 |
|   |     | 13.0 | 2.8 | 0.2 | 2.7 |
|   |     | 14.5 | 2.8 | 0.2 | 2.7 |
| ● | 4.2 | 9.5  | 2.8 | 0.4 | 2.7 |
|   |     | 11.5 | 2.8 | 0.4 | 2.7 |
|   |     | 13.0 | 2.8 | 0.4 | 2.7 |
|   |     | 14.5 | 2.8 | 0.4 | 2.7 |
| ● | 5.3 | 9.5  | 3.8 | 0.5 | 3.9 |
|   |     | 11.5 | 3.8 | 0.5 | 3.9 |
|   |     | 13.0 | 3.8 | 0.5 | 3.9 |
|   |     | 14.5 | 3.8 | 0.5 | 3.9 |

### Please note!

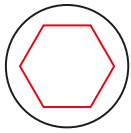
You will find further information in chapter "Prosthetics" (p. 44 et sqq.)



### Micro Retention Cone Connection

| Implant length | Ø 3.3 mm          | Ø 4.2 mm          | Ø 5.3 mm          |
|----------------|-------------------|-------------------|-------------------|
| 9.5 mm         | –                 | ● Art. no. 635675 | ● Art. no. 635681 |
| 11.5 mm        | ● Art. no. 635670 | ● Art. no. 635676 | ● Art. no. 635682 |
| 13.0 mm        | ● Art. no. 635671 | ● Art. no. 635677 | ● Art. no. 635683 |
| 14.5 mm        | ● Art. no. 635672 | ● Art. no. 635678 | ● Art. no. 635684 |

**Free in the scope of delivery of the implant:** Healing cap, insertion post and laboratory screw



## IMPLA Cylindrical Hex Connection

The cylindrical “all-round implant” with its self-tapping thread and internal hexagonal connection (hex connection).

Regardless of whether the maxilla or mandible, whether hard or soft bones – the IMPLA Cylindrical implant always offers the appropriate answer to the challenges of the implantology daily routine. The basic cylindrical shape is supplemented by a synchronous thread up to the implant shoulder. Similarly, the surface of the cylin-

dricl implant is blasted and etched up to the implant shoulder. In addition to excellent primary stability, even in cancellous bone, the cylindrical implant design provides you with a very high degree of flexibility. In particular, the insertion depth can be adjusted very quickly by the surgeon. The self-cutting thread reduces surgical effort. Integrated platform switching helps to better preserve the marginal bone.

### Integrated platform switching

- preservation of the marginal bone level
- for improvement in the soft tissue attachment

### High-precision internal hexagonal connection (hex connection)

- for a rotation-lock connection between the implant and the abutment

### Self-tapping thread

- for maximum surgical flexibility
- reduces surgery effort
- Very high primary stability

### Emergence profile

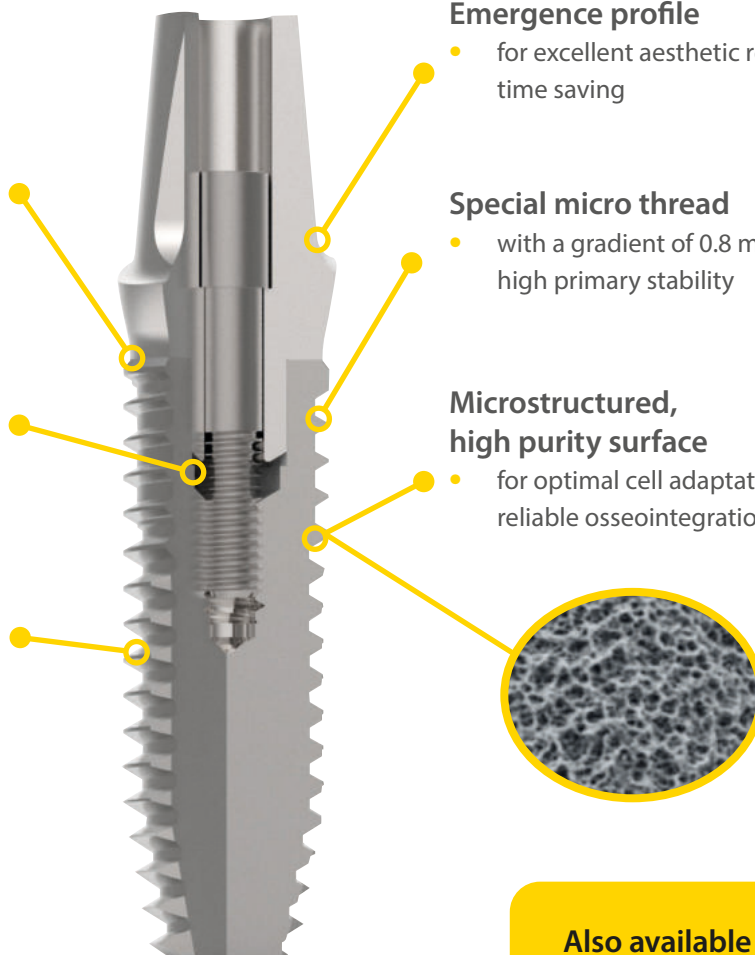
- for excellent aesthetic results and time saving

### Special micro thread

- with a gradient of 0.8 mm for very high primary stability

### Microstructured, high purity surface

- for optimal cell adaptation and reliable osseointegration

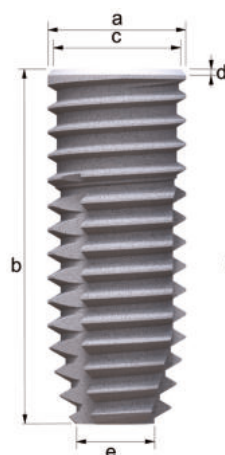


**Also available as Shorty!**



# Technical data (in mm)

## IMPLA Cylindrical Hex Connection



### Cylindrical Hex Connection

|   | a   | b    | c   | d   | e   |
|---|-----|------|-----|-----|-----|
| ● | 3.6 | 8.0  | 3.3 | 0.2 | 2.7 |
|   |     | 9.5  | 3.3 | 0.2 | 2.7 |
|   |     | 11.5 | 3.3 | 0.2 | 2.7 |
|   |     | 13.0 | 3.3 | 0.2 | 2.7 |
| ● | 4.5 | 6.5  | 4.2 | 0.2 | 3.6 |
|   |     | 8.0  | 4.2 | 0.2 | 3.6 |
|   |     | 9.5  | 4.2 | 0.2 | 3.6 |
|   |     | 11.5 | 4.2 | 0.2 | 3.6 |
|   |     | 13.0 | 4.2 | 0.2 | 3.6 |
| ● | 5.5 | 6.5  | 5.3 | 0.2 | 4.6 |
|   |     | 8.0  | 5.3 | 0.2 | 4.6 |
|   |     | 9.5  | 5.3 | 0.2 | 4.6 |
|   |     | 11.5 | 5.3 | 0.2 | 4.6 |
|   |     | 13.0 | 5.3 | 0.2 | 4.6 |

### Please note!

You will find further information in chapter "Prosthetics" (p. 58 et sqq.)

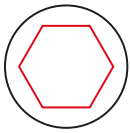


### Cylindrical Hex Connection

| Implant length  | Ø 3.6 mm          | Ø 4.5 mm          | Ø 5.5 mm          |
|-----------------|-------------------|-------------------|-------------------|
| 6.5 mm (Shorty) | –                 | ● Art. no. 635378 | ● Art. no. 635379 |
| 8.0 mm          | ● Art. no. 635370 | ● Art. no. 635380 | ● Art. no. 635384 |
| 9.5 mm          | ● Art. no. 635371 | ● Art. no. 635381 | ● Art. no. 635385 |
| 11.5 mm         | ● Art. no. 635372 | ● Art. no. 635382 | ● Art. no. 635386 |
| 13.0 mm         | ● Art. no. 635373 | ● Art. no. 635383 | ● Art. no. 635387 |

**Free in the scope of delivery of the implant:** Healing cap, insertion post and laboratory screw





## IMPLA Micro Retention Hex Connection

The implant with the basic conical shape and internal hexagonal connection. The high precision internal hexagonal connection (hex connection) with rotation lock guarantees a secure connection between the implant and abutment. The specially designed thread in the implant neck area gives the implant extraordinary primary

stability and therefore greater reliability, even where the bone conditions are less favorable - for example in cancellous upper jaw bones or in the area of the sinus with reduced residual bone. You also have the option to work with platform switching.

### Optional Platform Switching

- for improvement in the soft tissue attachment

### High-precision internal hexagonal connection

- for a rotation-lock connection between the implant and the abutment

### Reliable, condensing thread design

- for improved primary stability even in soft bones

### Emergence profile

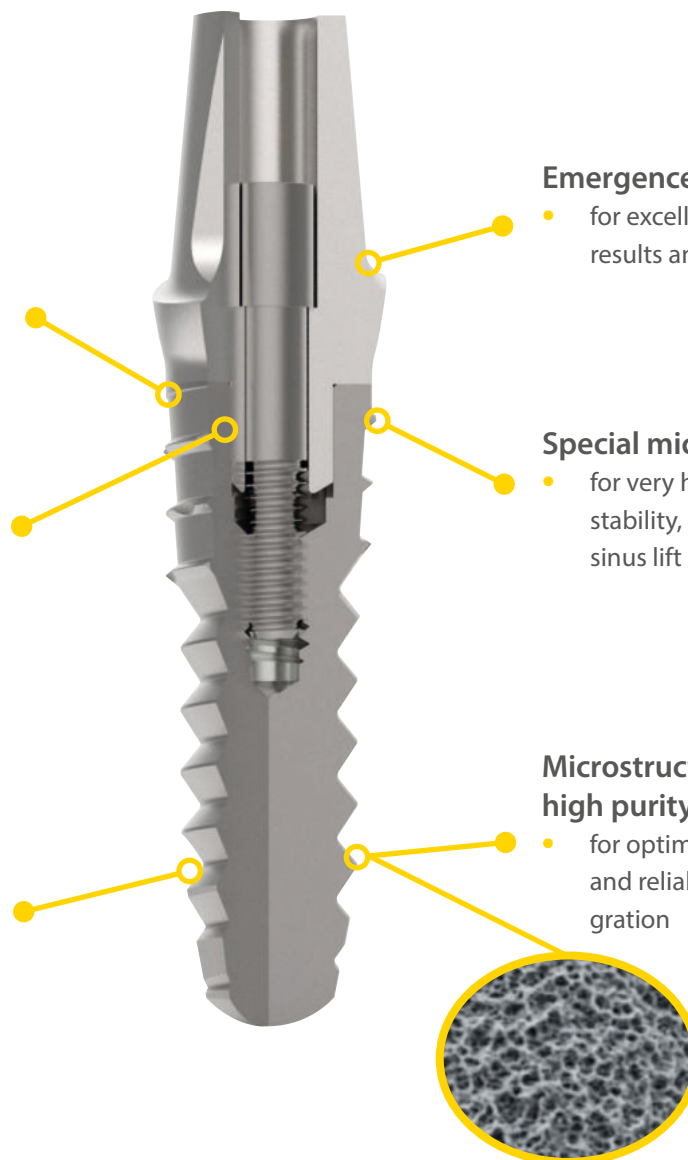
- for excellent aesthetic results and time saving

### Special microthread

- for very high primary stability, also ideal for the sinus lift

### Microstructured high purity surface

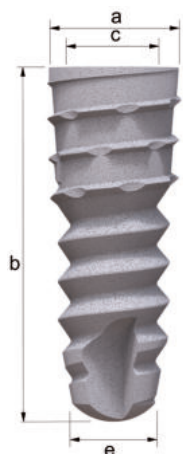
- for optimal cell adaptation and reliable osseointegration





# Technical data (in mm)

## IMPLA Micro Retention Hex Connection



### Micro Retention Hex Connection

|   | a   | b    | c   | e   |
|---|-----|------|-----|-----|
| ● | 3.3 | 11.5 | 2.8 | 2.7 |
|   |     | 13.0 | 2.8 | 2.7 |
|   |     | 14.5 | 2.8 | 2.7 |
| ● | 4.2 | 9.5  | 2.8 | 2.7 |
|   |     | 11.5 | 2.8 | 2.7 |
|   |     | 13.0 | 2.8 | 2.7 |
|   |     | 14.5 | 2.8 | 2.7 |
| ● | 5.3 | 9.5  | 2.8 | 3.9 |
|   |     | 11.5 | 2.8 | 3.9 |
|   |     | 13.0 | 2.8 | 3.9 |
|   |     | 14.5 | 2.8 | 3.9 |

### Please note!

You will find further information in chapter "Prosthetics" (p. 58 et sqq.)



### Micro Retention Hex Connection

| Implant length | Ø 3.3 mm          | Ø 4.2 mm          | Ø 5.3 mm          |
|----------------|-------------------|-------------------|-------------------|
| 9.5 mm         | –                 | ● Art. no. 635275 | ● Art. no. 635281 |
| 11.5 mm        | ● Art. no. 635270 | ● Art. no. 635276 | ● Art. no. 635282 |
| 13.0 mm        | ● Art. no. 635271 | ● Art. no. 635277 | ● Art. no. 635283 |
| 14.5 mm        | ● Art. no. 635272 | ● Art. no. 635278 | ● Art. no. 635284 |

**Free in the scope of delivery of the implant:** Healing cap, insertion post and laboratory screw



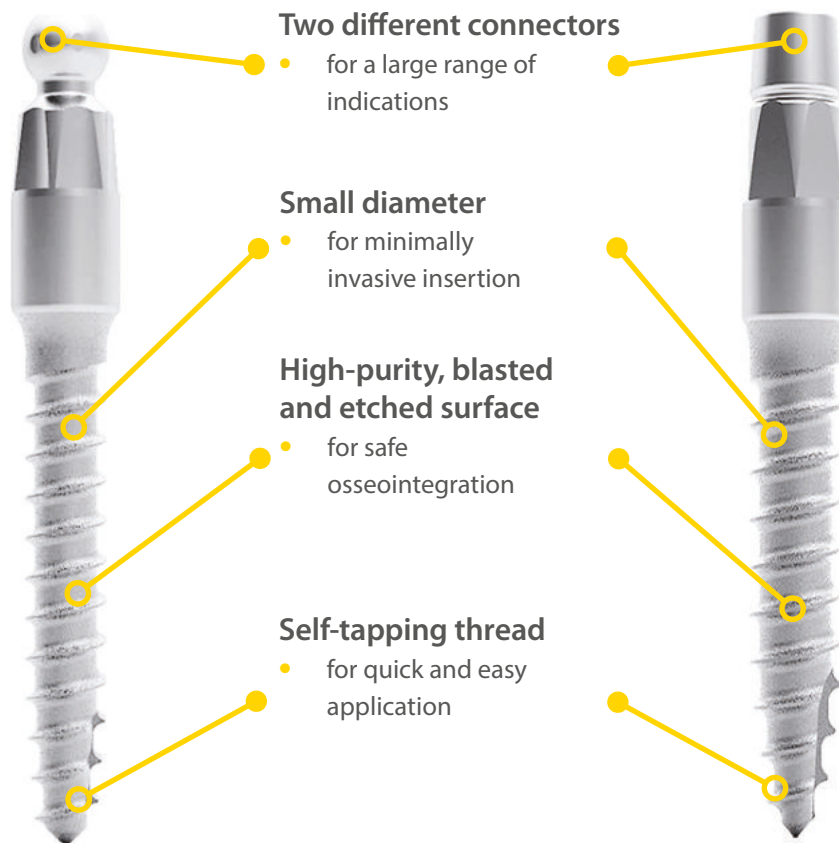
# IMPLA Mini

The one-piece Mini implant with either a ball or conical top. The one-piece IMPLA Mini-Series implants also have a high-quality blasted and etched surface. Thanks to their size and shape, Mini implants are also suitable when using the flapless technique and for transgingival insertion, depending on the clinical case. Furthermore, the brief drilling protocol keeps the surgery time at a

minimum. The Mini-balltop implant made of grade 4 titanium is excellent for fixing full dentures (cover dentures). The Mini-conetop implant, also from grade 4 titanium, is particularly well suited for bar restorations, where there is limited available space. IMPLA Mini implants are an economical alternative to two-piece implants.

## Mini balltop

## Mini conetop

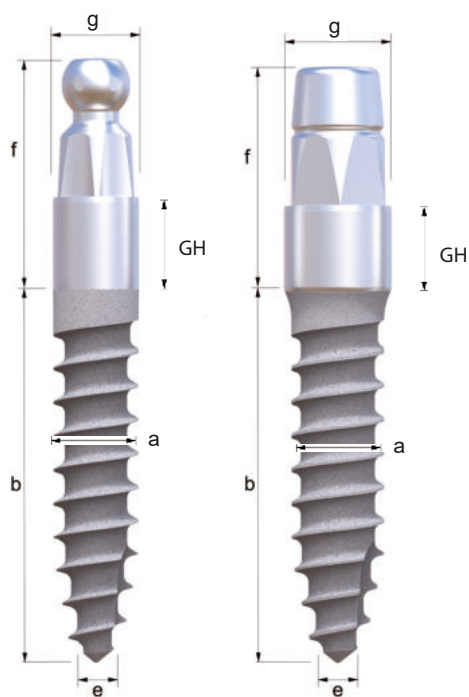






## Technical data (in mm)

### IMPLA Mini balltop und IMPLA Mini conetop



#### Mini balltop

| a   | b    | e   | f   | GH  | g   |
|-----|------|-----|-----|-----|-----|
| 2.1 | 9.5  | 1.6 | 8.1 | 3.0 | 2.8 |
|     | 11.5 | 1.6 | 8.1 | 3.0 | 2.8 |
|     | 13   | 1.6 | 8.1 | 3.0 | 2.8 |
| 2.5 | 9.5  | 1.7 | 8.1 | 3.0 | 2.8 |
|     | 11.5 | 1.7 | 8.1 | 3.0 | 2.8 |
|     | 13   | 1.7 | 8.1 | 3.0 | 2.8 |

#### Mini conetop

| a   | b    | e   | f   | GH  | g   |
|-----|------|-----|-----|-----|-----|
| 3.0 | 9.5  | 2.0 | 5.6 | 2.5 | 3.5 |
| 3.0 | 11.5 | 2.0 | 5.6 | 2.5 | 3.5 |
| 3.0 | 13.0 | 2.0 | 5.6 | 2.5 | 3.5 |

### Please note!

You will find further information in chapter "Prosthetics" (p. 72)

#### Mini balltop

| Implant length | Ø 2.1 mm        | Ø 2.5 mm        |
|----------------|-----------------|-----------------|
| 9.5 mm         | Art. no. 635481 | Art. no. 635484 |
| 11.5 mm        | Art. no. 635482 | Art. no. 635485 |
| 13.0 mm        | Art. no. 635483 | Art. no. 635486 |

#### Mini conetop

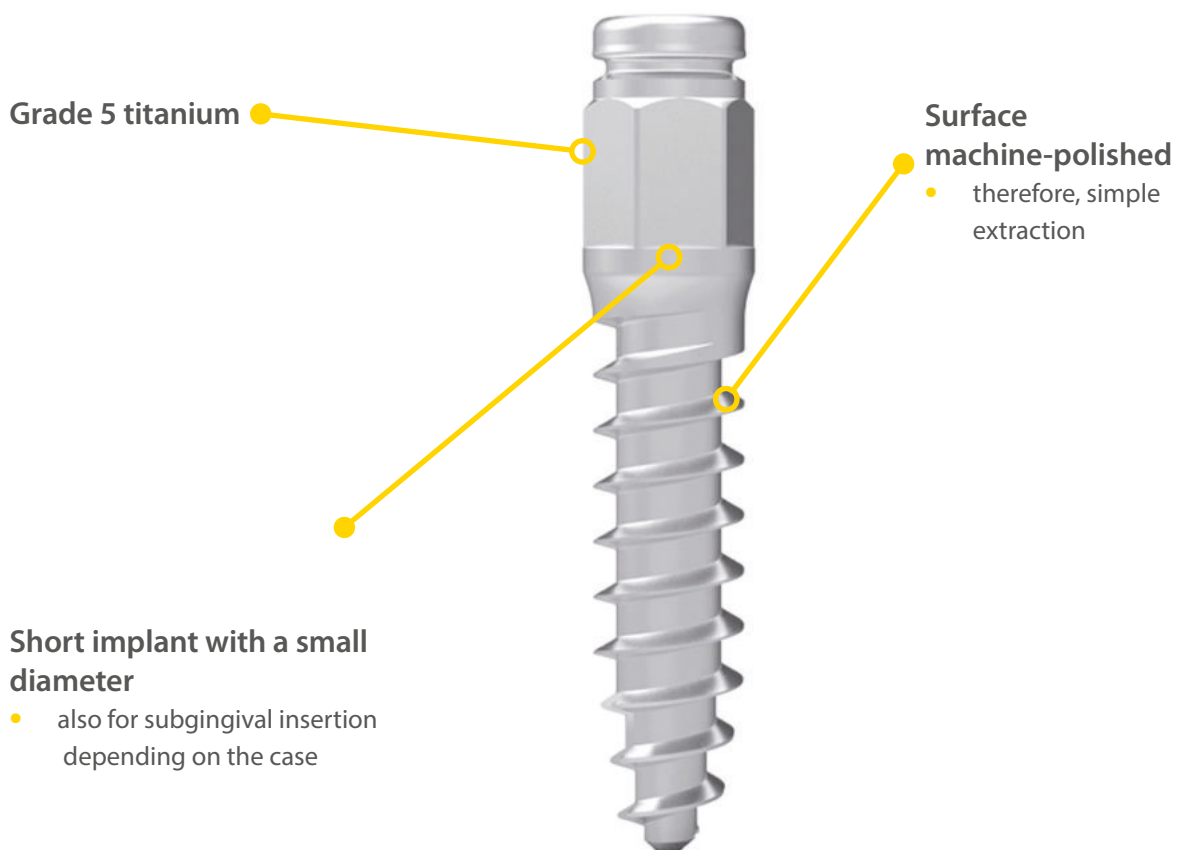
| Implant length | Ø 3.0 mm        |
|----------------|-----------------|
| 9.5 mm         | Art. no. 635474 |
| 11.5 mm        | Art. no. 635471 |
| 13.0 mm        | Art. no. 635473 |



## IMPLA Interim

The Interim implant, for securely fixing temporary bridges, drilling templates and the like. The IMPLA Interim implant is a conical screw implant (made of grade 5 titanium) that allows a temporary restoration to be provided immediately while the permanent implants are healing into the tissue.

The Interim implant is also excellently suited for affixing surgical drill templates for navigated, minimally invasive implantation procedures, which are therefore extremely safe. Insertion can be performed using standard IMPLA system surgical tools.





# Technical data (in mm)

## IMPLA Interim



### Interim

| a   | b   | e   | f   | g   |
|-----|-----|-----|-----|-----|
| 3.4 | 8.0 | 2.0 | 4.5 | 3.0 |

### Interim

| Implant length |             |  | Ø 3.4 mm        |
|----------------|-------------|--|-----------------|
| 7.5 mm         | 10 per pck. |  | Art. no. 635174 |



# The new IMPLA Surgical Box

## Adapt your box according to your needs.

With its modular system, the new IMPLA Surgical box can be **adapted to your individual needs**. The modules are combined to provide the user with all resterilizable surgical instruments which are necessary for the insertion of **any implant from our seven implant lines**.

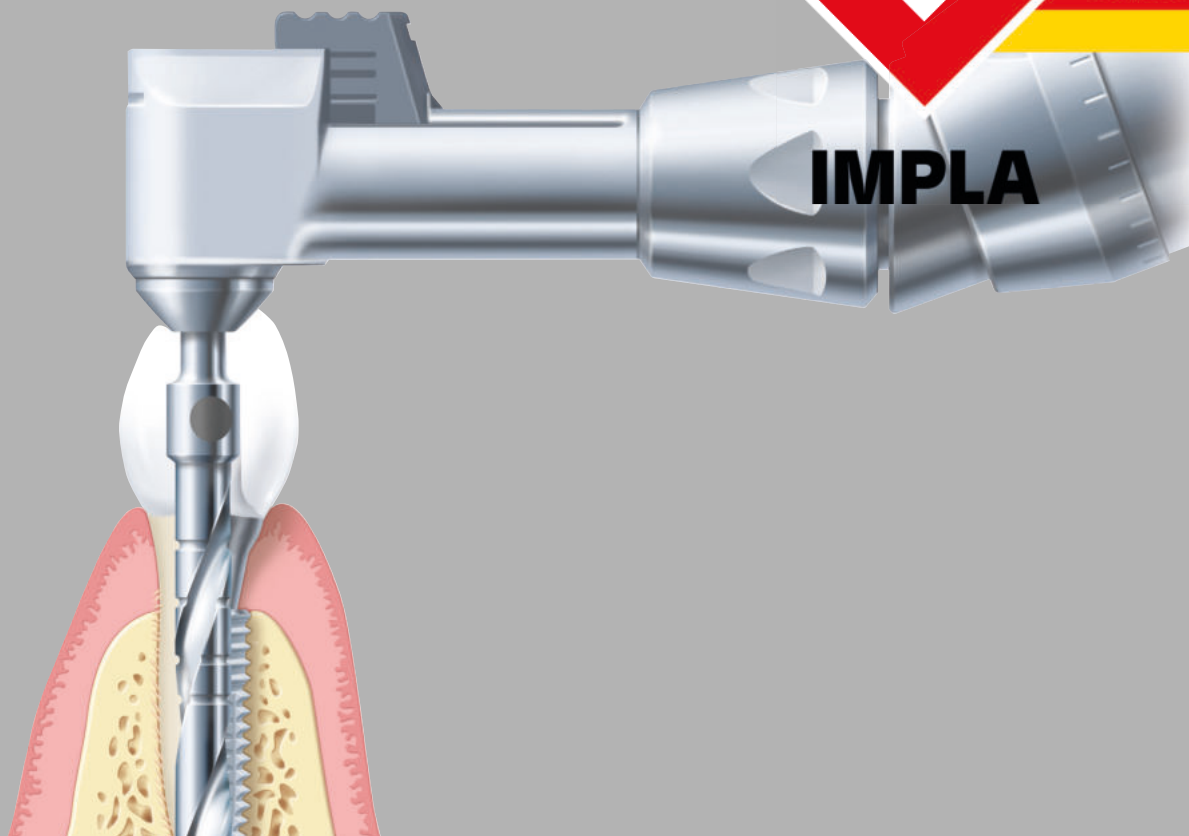
The drills are arranged in the order they are needed for the implantation process. What's more, they are color-coded in accordance with the implant diameters. This arrangement ensures a **safe and well organized procedure**. The drills stand out with their optimal cutting capacity which facilitates a **precise and atraumatic preparation** of the osseous implant

bed. All drills, counter sink cutters and thread cutters have been designed **without internal cooling** to keep the cleaning process easy, quick and safe.

Optionally available: **Depth stops** for all pilot drills and enlargement drills. Those provide more **safety** and **control**, even in anatomically difficult situations. All trays come completely without silicone plugs – for a **maximum in hygiene**.



Since 1963



## Surgery


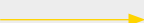

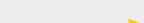

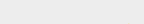
**IMPLA surgical accessories will enable you to insert IMPLA implants precisely and safely.**

Thanks to the systematically designed IMPLA surgery box, you and your assistance will always be able to keep track of everything.

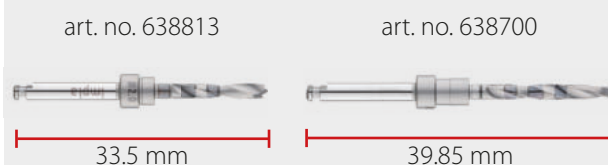
There is no longer any need for time-consuming switching from one tray to another. The surgical tools, the implants and the prosthetic components all exhibit an extremely high degree of manufacturing precision. This means an extraordinary level of safety for you and your

patients. Below you will find detailed information about the IMPLA surgery box, drills, insertion tools, accessories and the IMPLA implant drill protocols. You will also find the different impression-taking components of the system in this part.

### Color coding

|   |              |   |                   |
|---|--------------|---|-------------------|
|  | <b>brown</b> |  | ø 3.3 mm / 3.6 mm |
|  | <b>red</b>   |  | ø 4.2 mm / 4.5 mm |
|  | <b>blue</b>  |  | ø 5.3 mm / 5.5 mm |

### Drills short vs. long





## The new modular IMPLA Surgery Box

### Your benefits:

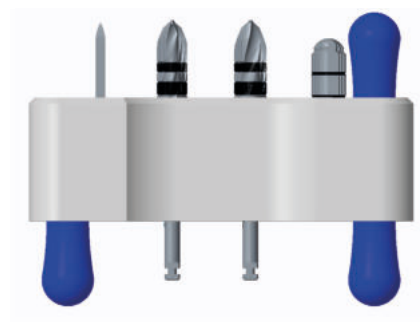
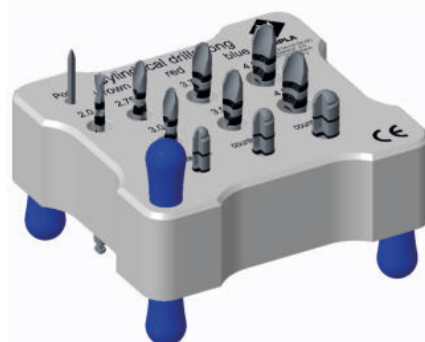
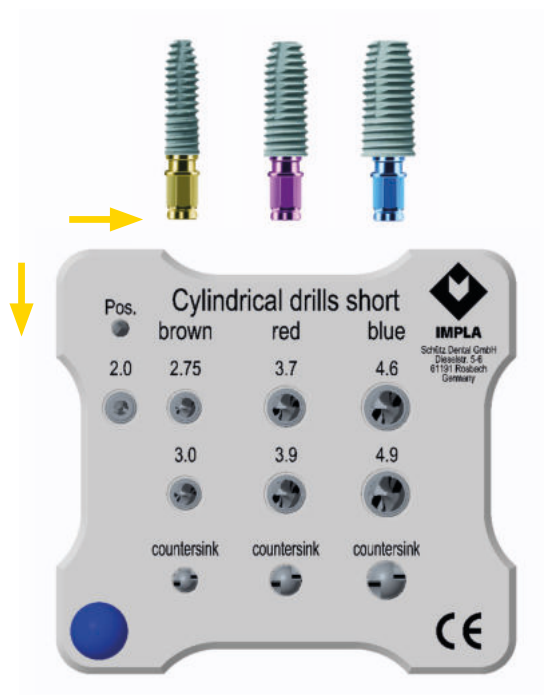
- **Cost-efficient** – Only buy those instrument that you will really need.
- **Easy handling** – The clearly structured setup ensures an easy handling.
- **Intuitive** – The user is lead easily through the procedure by the standardized color code.
- **Future-proof** – Adapt your surgical kit according to your individual needs.
- **Hygienic** – No silicone plugs for a maximum in hygiene.
- **Neat** – No disorder, no danger of confusion because of the clearly visible markings.

### Intuitive, easy handling

The uniform color code leads the user easily and safely through the procedure: Work from top down and from left to right in the tray.

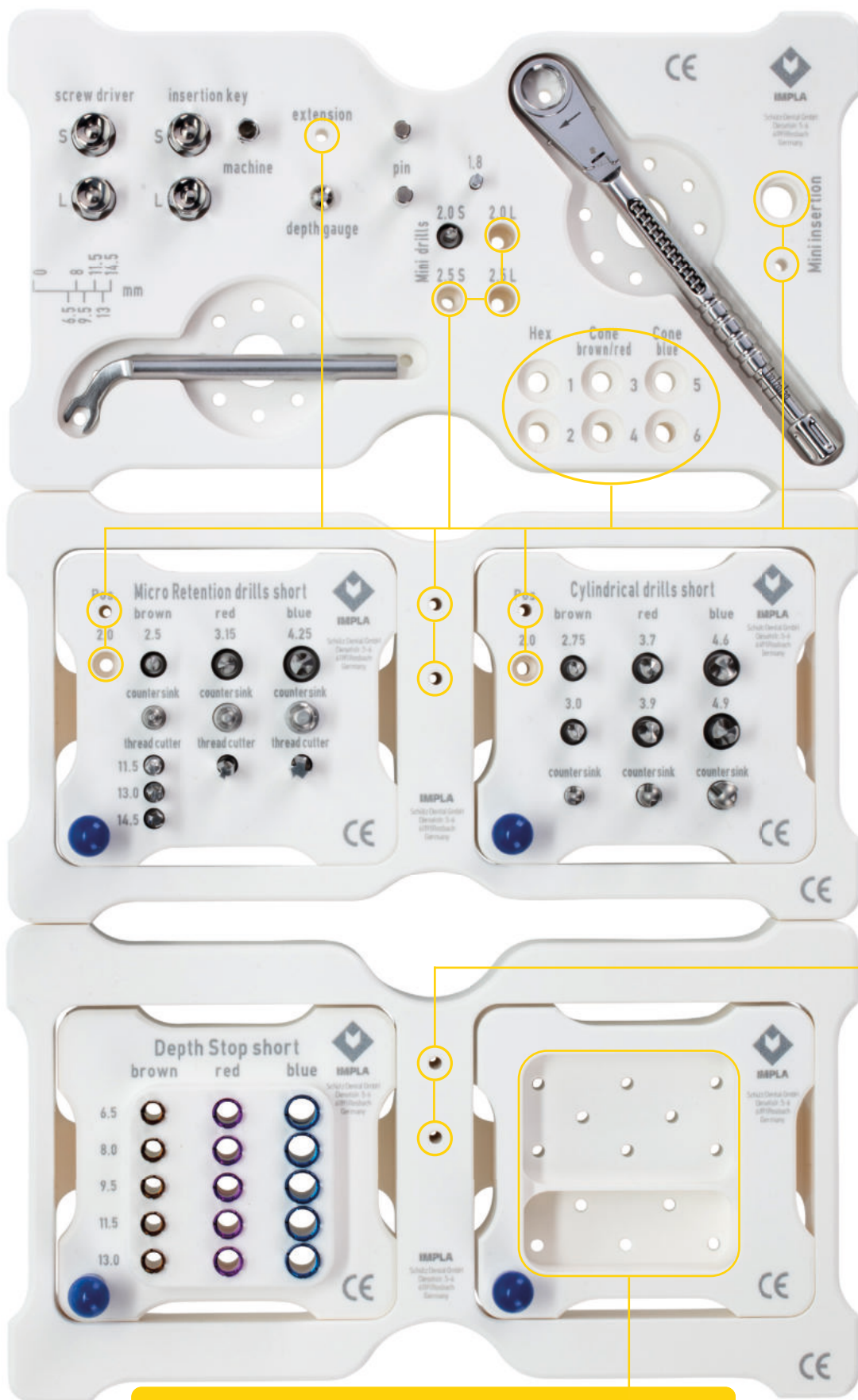
### No disorder, no confusion

Detect the correct arrangement of the instruments at a glance because of the consistent height in each tray. This saves time and provides security.





## One of a wide variety of variants



### Slots for optional accessories

Over the next few pages, we present all modules in their standard versions as well as the matching optional accessories.

**Universal Tray:** space for even more IMPLA accessories






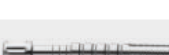


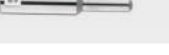




# Implantology Tools

## The base of our modular IMPLA surgery box.

Create your very own, customized IMPLA surgery box in line with your needs. This compact tray contains all the instruments needed to insert the IMPLA Cylindrical and Micro Retention implants. It is designed without any silicone plugs to enable residue-free cleaning and is optionally expandable.

## Implantology Tools Module Standard






art. no. 635118

|   | Description   | Art. no.            |
|---|---|---------------------|
| Image displayed above   | Implantology Tools Tray empty, size M               | 635100              |
|  | Insertion key Standard short                        | 637112              |
|  | Insertion key Standard long                         | 637104              |
|  | Screwdriver 1.2 mm short                            | 637117              |
|  | Screwdriver 1.2 mm long                             | 637118              |
|  | Insertion key Standard with contra-angle connection | 638214              |
|  | Torque ratchet                                      | 637123              |
|  | Guide key   | 637119              |
|  | Parallelization aid                                 | 635166<br>(2 Stück) |
|  | Depth gauge<br>6.5 mm – 14.5 mm                     | 635167              |
|  | Pilot drill 1.8 mm                                  | 635230              |
|  | Pilot drill short 2.0 mm                            | 638813              |










## Optional Instruments Implantology Tools Module Standard

(Slots available)

|   | Description                    | Art. no. |
|---|--------------------------------|----------|
|  | Screwdriver 2.3 mm short       | 637100   |
|   | Screwdriver 2.3 mm long        | 637101   |
|  | Insertion key 2.0 mm short     | 638691   |
|   | Insertion key 2.5 mm short     | 638692   |
|   | Insertion key 2.0 mm long      | 638693   |
|   | Insertion key 2.5 mm long      | 638694   |
|  | Drill extension                | 635211   |
|  | Pilot drill 2.0 mm, long       | 638700   |
|  | Enlargement drill short 2.5 mm | 638814   |
|   | Enlargement drill long 2.5 mm  | 638701   |

## Optional Instruments Implantology Tools Module Standard

(no Slots available)

|   | Description                            | Art. no. |
|---|--|----------|
|  | Open-end wrench                        | 638328   |
|  | Screwdriver long 1.2 mm mechanical     | 637105   |
|   | Screwdriver short 1.2 mm mechanical    | 637106   |
|  | Screwdriver Standard 2.3 mm mechanical | 637102   |
|  | Insertion key short 2.0 mm mechanical  | 638574   |
|   | Insertion key short 2.5 mm mechanical  | 638575   |
|   | Insertion key long 2.0 mm mechanical   | 638577   |
|   | Insertion key long 2.5 mm mechanical   | 638579   |
|  | Tool ratchet for localer adapter       | 636077   |
|  | Insertion key short IMPLA Position Key | 638200   |
|   | Insertion key long IMPLA Position Key  | 638345   |
|  | Universal Drilling Guide               | 638637   |



## Cylindrical

### The answer to the daily challenges in implantology

These compact trays contain all the drills required to prepare the implant bed for the IMPLA Cylindrical implants. The trays' intuitive structure makes them easy to use. This is ensured by both uniform color coding and the arrangement of the instruments. The trays are designed without any silicone plugs to enable residue-free cleaning.

### Content Cylindrical Module Short

art. no. 635112



This tray contains the short versions (33.5 mm) of all drills without internal cooling.

|   | Description                     | Art. no. |
|---|---------------------------------|----------|
| Image displayed above   | Tray Cylindrical empty, size S  | 635122   |
|  | Enlargement drill short 2.75 mm | 638817   |
|   | Enlargement drill short 3.0 mm  | 638818   |
|   | Enlargement drill short 3.7 mm  | 638819   |
|   | Enlargement drill short 3.9 mm  | 638820   |
|   | Enlargement drill short 4.6 mm  | 638821   |
|   | Enlargement drill short 4.9 mm  | 638822   |
|  | Countersink 3.4 mm              | 638717   |
|   | Countersink 4.25 mm             | 638718   |
|   | Countersink 5.25 mm             | 638719   |



## Optional Instruments Cylindrical Module Short

(Slots available)

|   | Description              | Art. no. |
|---|--------------------------|----------|
|  | Pilot drill 1.8 mm       | 635230   |
|  | Pilot drill short 2.0 mm | 638813   |

## Content Cylindrical Module Long



art. no. 635113

This tray contains the short versions (39.85 mm) of all drills without internal cooling.

|   | Description                    | Art. no. |
|---|--------------------------------|----------|
| Image similar to top of p. 30   | Tray Cylindrical empty, Size S | 635101   |
|  | Enlargement drill 2.75 mm      | 638711   |
|   | Enlargement drill 3.0 mm       | 638712   |
|   | Enlargement drill 3.7 mm       | 638713   |
|   | Enlargement drill 3.9 mm       | 638714   |
|   | Enlargement drill 4.6 mm       | 638715   |
|   | Enlargement drill 4.9 mm       | 638716   |
|  | Countersink 3.4 mm             | 638717   |
|   | Countersink 4.25 mm            | 638718   |
|   | Countersink 5.25 mm            | 638719   |

## Optional Instruments Cylindrical Module Long

(Slots available)

|   | Description        | Art. no. |
|---|--------------------|----------|
|  | Pilot drill 1.8 mm | 635230   |
|  | Pilot drill 2.0 mm | 638700   |



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## Micro Retention




### Predestinated for application in cancellous upper jaw bone

This compact tray contains all the drills required to prepare the implant bed for the IMPLA Micro Retention implants. The tray's intuitive structure makes it easy to use. This is ensured by both uniform color coding and the arrangement of the instruments. The tray is designed without any silicone plugs to enable residue-free cleaning.

### Content Micro Retention Module Short

art. no. 635114



This tray contains the short versions (33.5 mm) of all drills without internal cooling.

|   | Description                        | Art. no. |
|---|------------------------------------|----------|
| Image displayed above   | Tray Micro Retention empty, Size S | 635123   |
|  | Enlargement drill short 2.5 mm     | 638814   |
|   | Enlargement drill short 3.15 mm    | 638815   |
|   | Enlargement drill short 4.25 mm    | 638816   |
|  | Thread former 3.3/11.5 mm          | 635135   |
|   | Thread former 3.3/13.0 mm          | 635138   |
|   | Thread former 3.3/14.5 mm          | 635136   |
|   | Thread former 4.2 mm               | 637128   |
|   | Thread former 5.3 mm               | 635134   |
|  | Countersink 3.3 mm                 | 638708   |
|   | Countersink 4.2 mm                 | 638709   |
|   | Countersink 5.3 mm                 | 638710   |



## Optional Instruments Micro Retention Module Short




(Slots available)

|   | Description              | Art. no. |
|---|--------------------------|----------|
|  | Pilot drill 1.8 mm       | 635230   |
|  | Pilot drill short 2.0 mm | 638813   |

## Content Micro Retention Module Long



art. no. 635115

This tray contains the short versions (39.85 mm) of all drills without internal cooling.

|   | Description                        | Art. no. |
|---|------------------------------------|----------|
| Image similar to top of p. 32   | Tray Micro Retention empty, Size S | 635102   |
|   | Enlargement drill short 2.5 mm     | 638701   |
|   | Enlargement drill short 3.15 mm    | 638702   |
|   | Enlargement drill short 4.25 mm    | 638704   |
|  | Thread former 3.3/11.5 mm          | 635135   |
|   | Thread former 3.3/13.0 mm          | 635138   |
|   | Thread former 3.3/14.5 mm          | 635136   |
|   | Thread former 4.2 mm               | 637128   |
|   | Thread former 5.3 mm               | 635134   |
|  | Countersink 3.3 mm                 | 638708   |
|   | Countersink 4.2 mm                 | 638709   |
|   | Countersink 5.3 mm                 | 638710   |

## Optional instruments Micro Retention Module Long

(Slots available)

|   | Description        | Art. no. |
|---|--------------------|----------|
|  | Pilot drill 1.8 mm | 635230   |
|  | Pilot drill 2.0 mm | 638700   |



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## Depth Stop

### For an even higher level of safety in implantology

Combine the depth stops with your IMPLA surgery drills (with a suitable drill collar) to obtain a mechanical depth stop when drilling into the jaw bones. The depth stops are simply placed over the drill shaft and come in three different diameters: narrow (brown), medium (red), and wide (blue). The color coding and drilling depth/implant length marking make it easy to match the depth stops to the appropriate surgical drill. The depth stops are available in the respective implant lengths.

### Content Depth Stop Module Short




art. no. 635116

|                       | Description                               | Art. no. |
|-----------------------|---|----------|
| Image displayed above | Tray depth stop short empty, size S       | 635103   |
|                       | Depth stop short / narrow 6.5 mm / brown  | 638823   |
|                       | Depth stop short / narrow 8.0 mm / brown  | 638824   |
|                       | Depth stop short / narrow 9.5 mm / brown  | 638825   |
|                       | Depth stop short / narrow 11.5 mm / brown | 638826   |
|                       | Depth stop short / narrow 13.0 mm / brown | 638827   |
|                       | Depth stop short / medium 6.5 mm / red    | 638829   |
|                       | Depth stop short / medium 8.0 mm / red    | 638830   |
|                       | Depth stop short / medium 9.5 mm / red    | 638831   |
|                       | Depth stop short / medium 11.5 mm / red   | 638832   |
|                       | Depth stop short / medium 13.0 mm / red   | 638833   |
|                       | Depth stop short / wide 6.5 mm / blue     | 638835   |
|                       | Depth stop short / wide 8.0 mm / blue     | 638836   |
|                       | Depth stop short / wide 9.5 mm / blue     | 638837   |
|                       | Depth stop short / wide 11.5 mm / blue    | 638838   |
|                       | Depth stop short / wide 13.0 mm / blue    | 638839   |



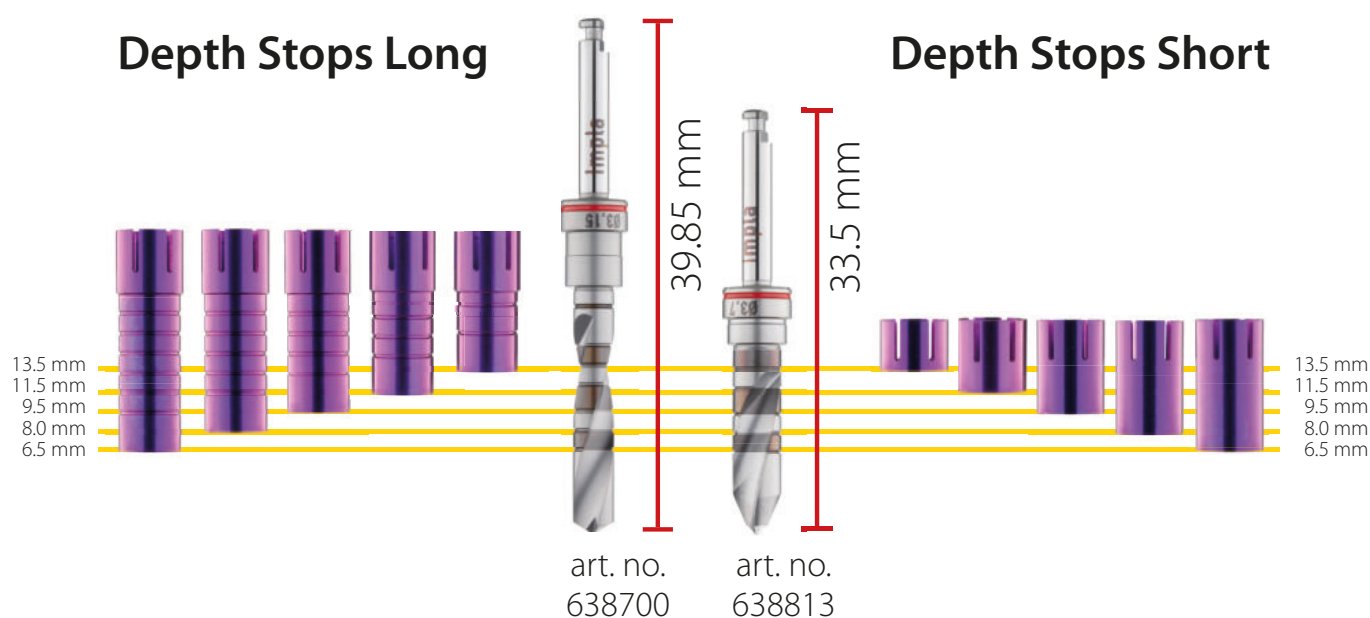
## Content Depth Stop Module Long

art. no. 635117

|  | Description                              | Art. no. |
|--|--|----------|
| Image similar to top of p. 34  | Tray depth stop long<br>empty, size S    | 635104   |
|   | Depth stop long / narrow 6.5 mm / brown  | 638672   |
|  | Depth stop long / narrow 8.0 mm / brown  | 638673   |
|  | Depth stop long / narrow 9.5 mm / brown  | 638674   |
|  | Depth stop long / narrow 11.5 mm / brown | 638675   |
|  | Depth stop long / narrow 13.0 mm / brown | 638676   |
|   | Depth stop long / medium 6.5 mm / red    | 638678   |
|  | Depth stop long / medium 8.0 mm / red    | 638679   |
|  | Depth stop long / medium 9.5 mm / red    | 638680   |
|  | Depth stop long / medium 11.5 mm / red   | 638681   |
|  | Depth stop long / medium 13.0 mm / red   | 638682   |
|  | Depth stop long / wide 6.5 mm / blue     | 638684   |
|  | Depth stop long / wide 8.0 mm / blue     | 638685   |
|  | Depth stop long / wide 9.5 mm / blue     | 638686   |
|  | Depth stop long / wide 11.5 mm / blue    | 638687   |
|  | Depth stop long / wide 13.0 mm / blue    | 638688   |

### Depth Stops Long

### Depth Stops Short














## Implantology Tools IMPLA Mini

This compact tray contains all the necessary drills and instruments for preparing an implant bed and inserting the IMPLA Mini balltop and conetop implants. As the tray is designed without silicone plugs, it offers maximum hygiene. It is also optionally expandable.



### Implantology Tools Module Mini

art. no. 635127

|   | Description                               | Art. no. |
|---|---|----------|
| Image displayed above   | Tray Implantology Tools                   | 635100   |
|  | Insertion key für Mini balltop            | 637108   |
|  | Insertion key für Mini balltop mechanical | 637107   |
|  | Insertion key short für Mini conetop      | 637112   |
|  | Insertion key long für Mini conetop       | 637104   |
|  | Insertion key für Mini conetop mechanical | 638214   |
|  | Torque ratchet                            | 637123   |
|  | Pilot drill 1.8 mm                        | 635230   |
|  | Pilot drill short 2.0 mm                  | 638813   |
|  | Enlargement drill short 2.5 mm            | 638814   |

### Optional Instruments Implantology Tool Module Mini

(Slots available)

|   | Description                   | Art. no. |
|---|-------------------------------|----------|
|  | Pilot drill long 2.0 mm       | 638700   |
|  | Enlargement drill long 2.5 mm | 638701   |








## Accessories for Trays

Use the Tray Universal Size S as a handy tool for storing optional surgical instruments for which no slots are provided in the standard modules – practically, clearly, and all in one place.

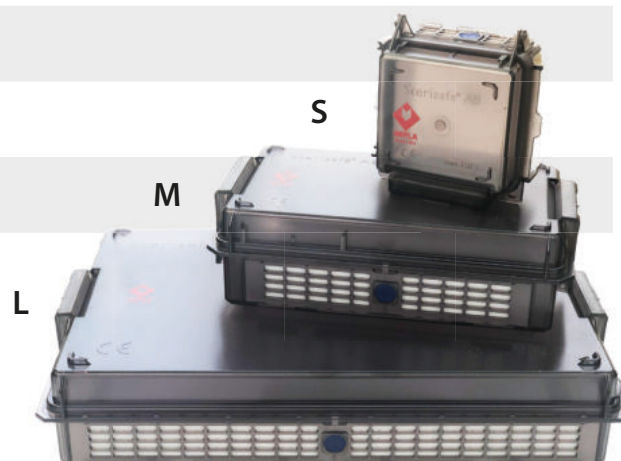
When setting up an L Box, please use two universal frames and a narrow frame.

| Description  | Art. no.   |
|--|--|
|   | Tray Universal empty, size S<br>635106             |
|   | Frame universal, size M<br>for 2 modules<br>635105 |
|  | Frame slim, size M<br>for 2 modules<br>635119      |

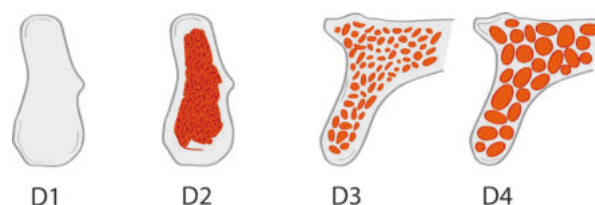
## Sterisafe® DURO Sterilization Container

The sterilization boxes are available in three sizes. They are suitable for almost all steam sterilization procedures involving a vacuum at temperatures of 121 °C and 134 °C as well as for low-temperature sterilization with gas (FORM and EO) and H<sub>2</sub>O<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> plasma.

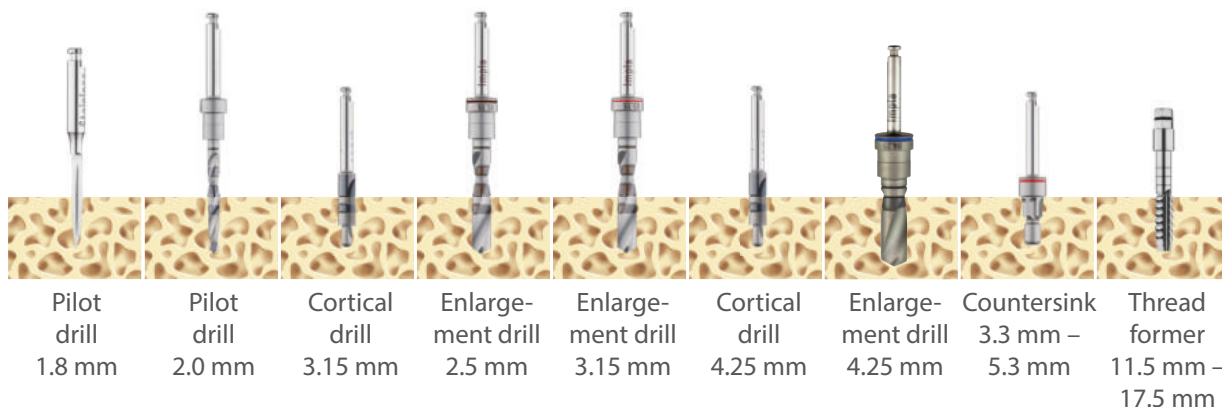
| Description                              | Art. no. |
|--|----------|
| Steribox S empty, A8                     | 635107   |
| Steribox M empty, A6                     | 635108   |
| Steribox L empty, A4                     | 635109   |
| Long-term filter for Steribox S, 10 pcs. | 635124   |
| Long-term filter for Steribox M, 10 pcs. | 635125   |
| Long-term filter for Steribox L, 10 pcs. | 635126   |



# Drill protocols



## IMPLA Micro Retention



### 3.3 mm

|    | Art. no. | Art. no.                    | Art. no. | Art. no.                    | Art. no. | Art. no. | Art. no.           | Art. no.  |
|----|----------|-----------------------------|----------|-----------------------------|----------|----------|--------------------|---|
|    | 635230   | 638700 long<br>638813 short |          | 638701 long<br>638814 short |          |          | 638708<br>(3.3 mm) | 635135 <sup>1</sup><br>635136 <sup>1</sup><br>635138 <sup>1</sup> |
| D1 | X        | X                           |          | X                           |          |          | X                  | X   |
| D2 | X        | X                           |          | X                           |          |          | X                  | (X)   |
| D3 | X        | X                           |          | X                           |          |          | (X)                |   |
| D4 | X*       | X*                          |          | X*                          |          |          |                    |   |

### 4.2 mm

|    | 635230 | 638700 long<br>638813 short | 638706 |  | 638702 long<br>638815 short |  | 638709<br>(4.2 mm) | 637128 |
|----|--------|-----------------------------|--------|--|-----------------------------|--|--------------------|--------|
| D1 | X      | X                           | X      |  | X                           |  | X                  | X      |
| D2 | X      | X                           | (X)    |  | X                           |  | X                  | (X)    |
| D3 | X      | X                           |        |  | X                           |  | (X)                |        |
| D4 | X*     | X*                          |        |  | X*                          |  |                    |        |

### 5.3 mm

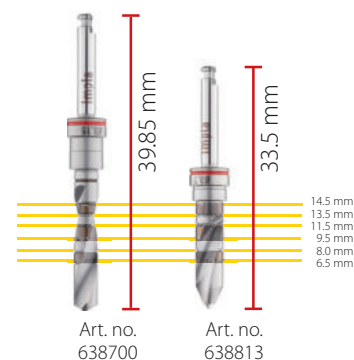
|    | 635230 | 638700 long<br>638813 short | 638706 |  | 638702 long<br>638815 short | 638707 | 638704 long<br>638816 short | 638710<br>(5.3 mm) | 635134 |
|----|--------|-----------------------------|--------|--|-----------------------------|--------|-----------------------------|--------------------|--------|
| D1 | X      | X                           | X      |  | X                           | X      | X                           | X                  | X      |
| D2 | X      | X                           | (X)    |  | X                           | (X)    | X                           | X                  | (X)    |
| D3 | X      | X                           |        |  | X                           |        | X                           | (X)                |        |
| D4 | X*     | X*                          |        |  | X*                          |        | X*                          |                    |        |

(X) = optional      X\* = similar to the indication "sinus floor elevation"      \* = Consider the indication  
 When using the thread cutter and cortical drill, please adjust to the individual bone quality and implant geometry. Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.

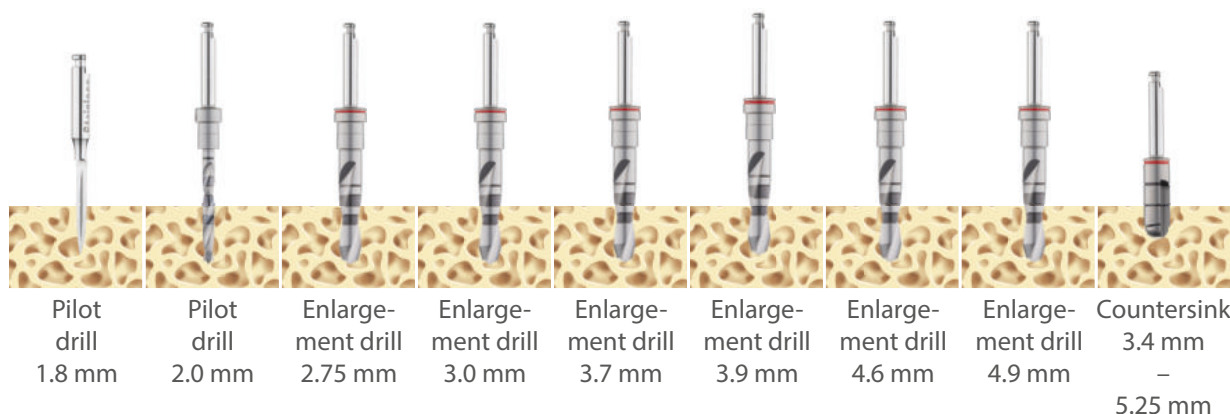
<sup>1</sup> 635135 = 11.5 mm    635138 = 13.0 mm    635136 = 14.5 mm  
 Pictures may vary.



# Drill protocols



## IMPLA Cylindrical



### 3.6 mm

|    | Art. no. | Art. no.                    | Art. no.                    | Art. no.                    | Art. no. | Art. no. | Art. no. | Art. no.           |
|----|----------|-----------------------------|-----------------------------|-----------------------------|----------|----------|----------|--------------------|
|    | 635230   | 638700 long<br>638813 short | 638711 long<br>638817 short | 638712 long<br>638818 short |          |          |          | 638717<br>(3.4 mm) |
| D1 | X        | X                           | X                           | X                           |          |          |          | ⊗                  |
| D2 | X        | X                           | X                           | X                           |          |          |          | ⊗                  |
| D3 | X        | X                           | X                           |                             |          |          |          |                    |
| D4 | X*       | X*                          |                             |                             |          |          |          |                    |

### 4.5 mm

|    | 635230 | 638700 long<br>638813 short | 638712 long<br>638818 short | 638713 long<br>638819 short | 638714 long<br>638820 short | 638718<br>(4.25 mm) |
|----|--------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|
| D1 | X      | X                           | X                           | X                           | X                           | ⊗                   |
| D2 | X      | X                           | X                           | X                           | X                           | ⊗                   |
| D3 | X      | X                           | X                           | X                           |                             |                     |
| D4 | X*     | X*                          | X*                          |                             |                             |                     |

### 5.5 mm

|    | 635230 | 638700 long<br>638813 short | 638712 long<br>638818 short | 638714 long<br>638820 short | 638715 long<br>638821 short | 638716 long<br>638822 short | 638719<br>(5.25 mm) |
|----|--------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|
| D1 | X      | X                           | X                           | X                           | X                           | X                           | ⊗                   |
| D2 | X      | X                           | X                           | X                           | X                           | X                           | ⊗                   |
| D3 | X      | X                           | X                           | X                           | X                           |                             |                     |
| D4 | X*     | X*                          | X*                          | X*                          |                             |                             |                     |

⊗ = 1-2 marked

⊙ = 3 marked

X\* = similar to the indication "sinus floor elevation"

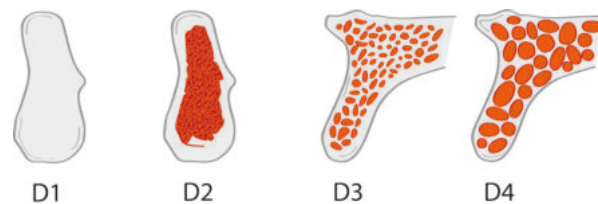
\* = Consider the indication

Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.

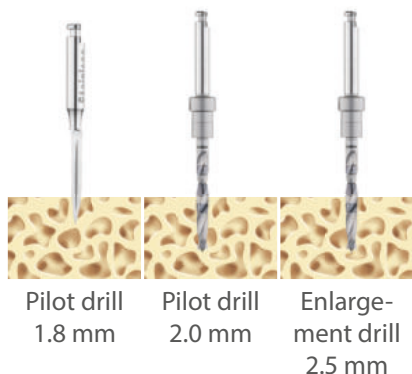
Pictures may vary.

SCHÜTZ DENTAL

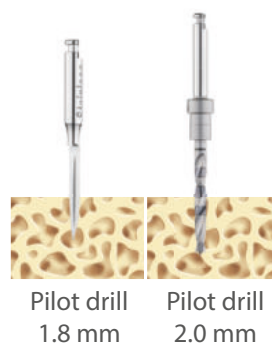
# Drill protocols



## IMPLA Mini



## IMPLA Interim



### 2.1 mm

|    | Art. no. | Art. no.                    | Art. no.                    |
|----|----------|-----------------------------|-----------------------------|
|    | 635230   | 638700 long<br>638813 short | 638701 long<br>638814 short |
| D1 | X        |                             |                             |
| D2 | X*       |                             |                             |
| D3 | X        |                             |                             |
| D4 |          |                             |                             |

### 3.4 mm

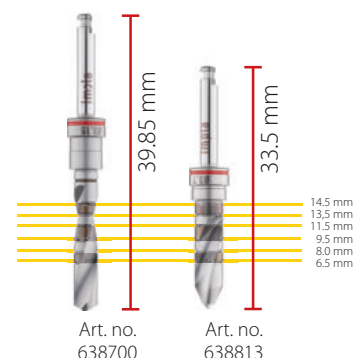
|    | Art. no. | Art. no.                    |
|----|----------|-----------------------------|
|    | 635230   | 638700 long<br>638813 short |
| D1 | X        | X                           |
| D2 | X        | X                           |
| D3 | X*       | X                           |
| D4 | X*       |                             |

### 2.5 mm

|    | 635230 | 638700 long<br>638813 short | 638701 long<br>638814 short |
|----|--------|-----------------------------|-----------------------------|
| D1 | X      | X                           |                             |
| D2 | X      | X                           |                             |
| D3 | X*     | X*                          |                             |
| D4 | X*     | X                           |                             |

### 3.0 mm

|    | 635230 | 638700 long<br>638813 short | 638701 long<br>638814 short |
|----|--------|-----------------------------|-----------------------------|
| D1 | X      | X                           | X                           |
| D2 | X      | X                           |                             |
| D3 | X      | X                           |                             |
| D4 | X      | X                           |                             |



 = 50 % Implant length      \* = Consider the indication

Non-binding recommendation - the user decides according to the individual circumstances. Responsibility lies with the user. Please observe the instruction manual for the system.






# Gingiva Former

The IMPLA gingiva formers help mold the peri-implant soft tissue during the healing phase.

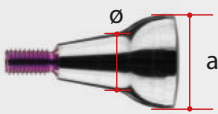



















The gingiva formers come in cylindrical and conical versions with various gingiva heights.

## Color code

|   |       |   |                   |
|---|-------|---|-------------------|
|  | brown | → | ø 3.3 mm / 3.6 mm |
|  | red   | → | ø 4.2 mm / 4.5 mm |
|  | blue  | → | ø 5.3 mm / 5.5 mm |

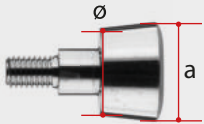
























## Cone Connection

| Description   |                     | Size / Art. no.  |  |  |
|---|---------------------|--|--|--|
|  |                     | ø 3.3 mm / a (mm)  | ø 4.2 mm / a (mm)  | ø 5.3 mm / a (mm)  |
|   | conical GH 2 mm     |  638509 / 4,4 |  638513 / 5,4 |  638517 / 6,4 |
|   | conical GH 3 mm     |  638510 / 4,4 |  638514 / 5,4 |  638518 / 6,4 |
|   | conical GH 4 mm     |  638511 / 4,4 |  638515 / 5,4 |  638519 / 6,4 |
|   | conical GH 5 mm     |  638512 / 4,4 |  638516 / 5,4 |  638520 / 6,4 |
|  | cylindrical GH 3 mm |  638521       |  638524       |  |
|   | cylindrical GH 4 mm |  638522       |  638525       |  |
|   | cylindrical GH 5 mm |  638523       |  638526       |  |



## Hex Connection

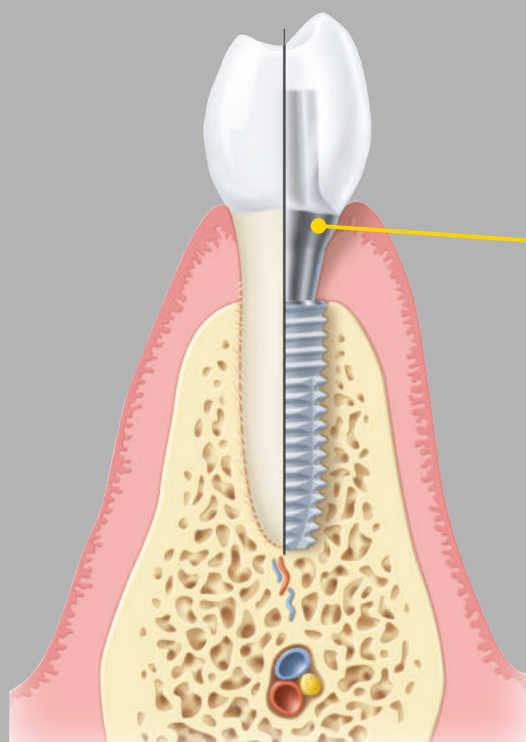
| Description   |                     | Size / Art. no.  |  |  |
|---|---------------------|--|--|--|
|  |                     | ø 3.3 mm / a (mm)  | ø 4.2 mm / a (mm)  | ø 5.3 mm / a (mm)  |
|   | conical GH 2 mm     |  635026 / 3,7 |  635076 / 4,6 |  635006 / 5,7 |
|   | conical GH 3 mm     |  635063 / 3,9 |  635077 / 4,8 |  635053 / 5,9 |
|   | conical GH 4 mm     |  635019 / 4,1 |  635078 / 5,0 |  635007 / 6,1 |
|  | conical GH 5 mm     |  635064 / 4,3 |  635079 / 5,2 |  635054 / 6,4 |
|   | cylindrical GH 2 mm |  635023       |  635074       |  635013       |
|   | cylindrical GH 3 mm |  635024       |  635067       |  635009       |
|   | cylindrical GH 4 mm |  635025       |  635075       |  635005       |



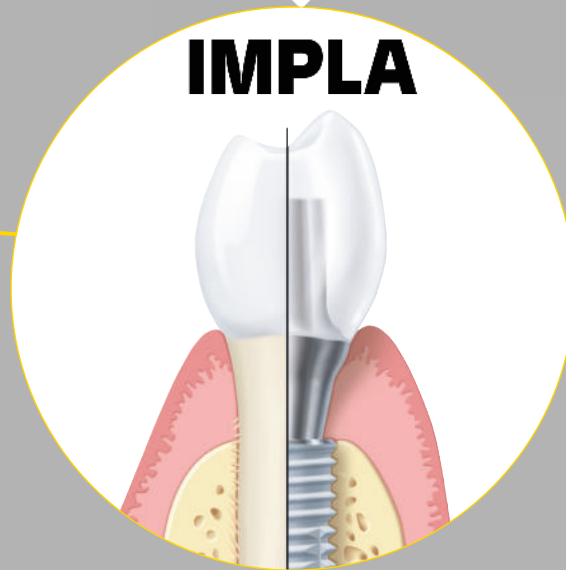




Since 1963



**IMPLA**





## Prosthetics

**The IMPLA prosthetic parts make it possible for you to handle practically any prosthetic indication.**

From titanium designs to the necessary components for producing tailor-made designs by means of CAD/CAM technology.

IMPLA prosthetic system offers you all this and more. Here you can also find two different types of connection in the IMPLA system – cone connection and hex connec-

tion. These are also reflected in the designs. You will find information about the prosthetic series on the following pages, subdivided according to the type of connection.

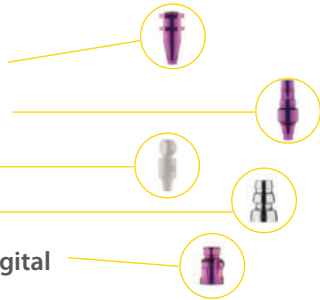
|   | Color code |   |                   |
|---|------------|---|-------------------|
|  | brown      | → | ø 3.3 mm / 3.6 mm |
|  | red        | → | ø 4.2 mm / 4.5 mm |
|  | blue       | → | ø 5.3 mm / 5.5 mm |



## Prosthetic guideline Cone Connection

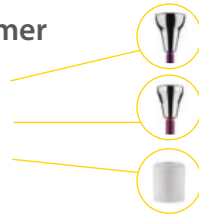
### Impression




- open
- closed
- digital
- Multi Unit
- Aesthura® digital



### Gingiva Former

- conical
- cylindrical
- Multi Unit



|  | Individual Tooth Restorations | Bridge Restorations | Total Restorations (conditionally removable) | Total Restorations (removable) |
|--|-------------------------------|---------------------|--|--------------------------------|
|  Titanium abutments conus connector | ✓                             | ✓                   | ✗  | ✓                              |
|  CAD/CAM Adhesive base Titanium    | ✓                             | ✓                   | ✗  | ✗                              |
|  CAD/CAM Titanium base CEREC®     | ✓                             | ✓                   | ✗  | ✗                              |
|  CAD/CAM Blank PreFace®           | ✓                             | ✓                   | ✗  | ✓                              |
|  Conus adapter                    | ✗                             | ✓                   | ✓  | ✓                              |
|  Multi Unit Abutment              | ✗                             | ✓                   | ✓  | ✓                              |
|  HSL Abutment                     | ✓                             | ✓                   | ✗  | ✓                              |
|  Acrylic abutment                 | ✓                             | ✓                   | ✗  | ✓                              |
|  Locator® Abutment                | ✗                             | ✗                   | ✗  | ✓                              |
|  Ball-head connector              | ✗                             | ✗                   | ✗  | ✓                              |



# Impression Components Cone Connection



## Open Impression Technique

The IMPLA impression posts are color-coded in line with the implant diameter and equipped with a short or long fixing screw. The elongated section of the implant axis of the customized impression tray to be created must be perforated so that the fixing screw protrudes from the impression post. To secure the impression post in place, the fixing screw should be carefully hand-tightened both in the implant and on the laboratory implant using the 1.2 mm screwdriver.

|  | Description  | Size / Art. no.   |
|--|--|---|
|  | Impression post incl. fixation screw short (20 mm) | ø 3.3 mm / 638858<br>ø 4.2 mm / 638859<br>ø 5.3 mm / 638860 |
|  | Impression post incl. fixation screw long (27 mm)  | ø 3.3 mm / 638861<br>ø 4.2 mm / 638862<br>ø 5.3 mm / 638863 |
|  |  |   |



## Closed Impression Technique

The IMPLA impression posts are color-coded in line with the implant diameter and equipped with a transfer cover and vertical screw. A preassembled impression tray can be used for the closed tray impression technique. To secure the impression post in place, the vertical screw should be carefully hand-tightened both in the implant and on the laboratory implant using the 1.2 mm screwdriver. The transfer cover (repositioning aid) is pushed onto the impression posts until a noticeable pressure point is overcome and the transfer cover is clearly secure.

|  | Description  | Size / Art. no.   |
|--|--|---|
|  | Impression posts incl. transfer cover and vertical screw blue 1.5 mm | ø 3.3 mm / 638870<br>ø 4.2 mm / 638871<br>ø 5.3 mm / 636658 |



## Lab Implant

|  | Description                | Size / Art. no.   |
|--|----------------------------|---|
|  | Lab implant                | ø 3.3 mm / 638506<br>ø 4.2 mm / 638507<br>ø 5.3 mm / 638508 |
|  | Vertical screw blue 1.5 mm | ø 3.3 mm / 636658<br>ø 4.2 mm / 636658<br>ø 5.3 mm / 636658 |

## Accessories

|  | Description | Size / Art. no.                                       |
|--|-------------|---|
|  | Screwdriver | ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117 |

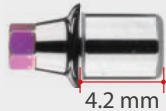


## CAD/CAM Cone Connection



### CAD/CAM Adhesive Base Titanium



The rotationally secure IMPLA CAD/CAM adhesive bases act as the optimum connection between the implant and the custom created single-tooth crowns and mesostructures, made from suitable materials. The base is optically captured using suitable dental scanners. To this end, the IMPLA scan abutment is placed on the base and secured with the blue vertical screw. The digitally recorded geometry is used to model and manufacture single-tooth crowns and mesostructures using CAD/CAM techniques.

|   | Description             | Size / Art. no.   |
|---|-------------------------|---|
|  | Adhesive base, titanium | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638600</li> <li>ø 4.2 mm / 638601</li> <li>ø 5.3 mm / 638602</li> </ul> |



### CAD/CAM Abutments

The IMPLA PreFace® abutments made from titanium enable you to create one-piece, customized abutments. The abutments are original IMPLA products characterized by the highest precision and accuracy. A MEDENTIKA PreFace® abutment holder is required.


|   | Description                          | Size / Art. no.   |
|---|--------------------------------------|---|
|  | PreFace® abutment titanium D 11.5 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638804</li> <li>ø 4.2 mm / 638805</li> <li>ø 5.3 mm / 638806</li> </ul> |
|  | PreFace® abutment titanium D 16.0 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638810</li> <li>ø 4.2 mm / 638811</li> <li>ø 5.3 mm / 638812</li> </ul> |



### CAD/CAM Adhesive Base for CEREC®

The IMPLA CAD/CAM CEREC® adhesive base enables you to use CAD/CAM to design and manufacture customized implant abutments and single-tooth restorations for IMPLA implants. It is based on the Sirona CEREC® system. Every IMPLA CEREC® adhesive base has a laser inscription that specifies which ceramic block connection (S, L) and data path you should choose.

*Please order the Sirona scan bodies and ceramic blocks from your specialist retailer as usual.*

|   | Description             | Size / Art. no.   |
|---|-------------------------|---|
|  | Adhesive base, titanium | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 0.5 mm / 638640</li> <li>ø 4.2 mm / GH 0.5 mm / 638641</li> <li>ø 5.3 mm / GH 0.5 mm / 638642</li> </ul> |












# CAD/CAM Cone Connection

## Accessories

The vertical screw POM is an adhesive aid that makes it safe and easy to bond the abutment to the custom-designed structure. It prevents adhesive from getting into the screw channel when bonding the individual abutment.

By using the bonder Sebond Implant and the self-hardening composite cement Alphaslink Implant, you can optimally bond the IMPLA adhesive base to the customized structure.

|   | Description  | Size / Art. no.   |
|---|--|---|
|    | Scan abutment  | ø 3.3 mm / 638603<br>ø 4.2 mm / 638604<br>ø 5.3 mm / 638605 |
|    | Vertical screw 1.5 mm  | ø 3.3 mm / 636649<br>ø 4.2 mm / 636649<br>ø 5.3 mm / 636649 |
|   | Vertical screw blue 1.5 mm   | ø 3.3 mm / 636658<br>ø 4.2 mm / 636658<br>ø 5.3 mm / 636658 |
|  | Vertical screw POM   | 638365  |
|  | Screwdriver  | ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117       |
|  | Alphaslink Implant<br>for bonding titanium abutments to<br>individualized zirconium dioxide<br>abutments and supra-constructions | 640076  |
|  | Sebond Implant<br>For bonding titanium abutments to<br>individualized zirconium dioxide abut-<br>ments or supra-constructions    | 640075  |



**Scan and visit us  
online!**

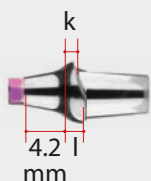





# Cone Connection





## Titanium Abutments

The titanium IMPLA Conus connectors are ideal for cementable single-tooth and bridge restorations subject to high aesthetic demands. The IMPLA Conus connectors are available with angles of 0°, 15°, and 20°. Thanks to the anatomically adjusted shoulder geometry and the different gingiva heights, fewer individual modifications are required in the shoulder area, thereby reducing the processing time. Individually milled IMPLA Conus connectors are also available to you for highly customized modifications.

| Description   |  | Size / Art. no.  |
|---|--|--|
|  <p>Conus connector 0°</p>                             |  | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638540</li> <li>ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638541</li> <li>ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638542</li> <li>ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638543</li> <li>ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638544</li> <li>ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638545</li> <li>ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm / 638546</li> <li>ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm / 638547</li> </ul> |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|  <p>Conus connector 15°</p>                          |  | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638548</li> <li>ø 4.2 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638549</li> <li>ø 5.3 mm / GH 1 mm / k 1 mm / l 1.8 mm / 638550</li> <li>ø 3.3 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638551</li> <li>ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638552</li> <li>ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638553</li> <li>ø 4.2 mm / GH 5 mm / k 5 mm / l 5.8 mm / 638554</li> <li>ø 5.3 mm / GH 5 mm / k 5 mm / l 5.8 mm / 638555</li> </ul> |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|  <p>Conus connector 20°</p>                          |  | <ul style="list-style-type: none"> <li>ø 4.2 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638556</li> <li>ø 5.3 mm / GH 3 mm / k 3 mm / l 3.8 mm / 638557</li> </ul>   |
|   |  |  |
|  <p>Conus connector 0°<br/>individually millable</p> |  | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638609</li> <li>ø 4.2 mm / 638610</li> <li>ø 5.3 mm / 638611</li> </ul>  |

## Accessories

| Description   |  | Size / Art. no.   |
|---|--|---|
|  <p>Vertical screw 1.5 mm</p>      |  | <ul style="list-style-type: none"> <li>ø 3.3 mm / 636649</li> <li>ø 4.2 mm / 636649</li> <li>ø 5.3 mm / 636649</li> </ul> |
|   |  |   |
|   |  |   |
|  <p>Vertical screw blue 1.5 mm</p> |  | <ul style="list-style-type: none"> <li>ø 3.3 mm / 636658</li> <li>ø 4.2 mm / 636658</li> <li>ø 5.3 mm / 636658</li> </ul> |
|   |  |   |
|   |  |   |
|  <p>Screwdriver</p>                |  | <ul style="list-style-type: none"> <li>ø 1.2 mm – long / 637118</li> <li>ø 1.2 mm – short / 637117</li> </ul>             |











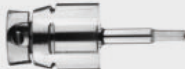

# Cone Connection



## Aesthura® Abutments

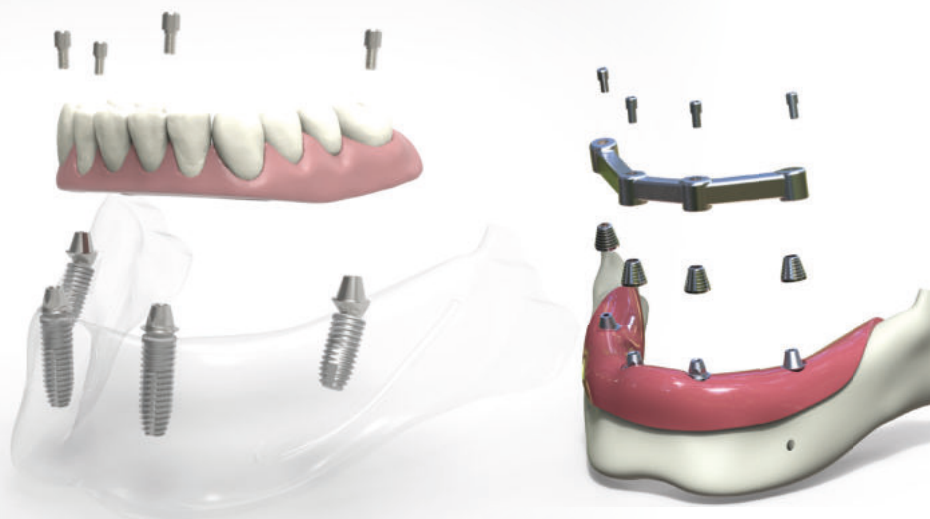
*Coming Soon!*

Aesthura® abutments feature special design characteristics. They have a very low height, are physiologically optimized from a load perspective, and offer almost perfect anti-rotation properties. Placed on the implant as a shuttle, they enable a very simple provisional restoration without using cement. The screwed-on scan abutment furthermore enables optimum integration into the digital work process.

| Description   |                             | Size / Art. no.                               |        |
|---|-----------------------------|---|--------|
|    | Aesthura® Abutment          | Ø 3.3 mm / GH 1.2 mm / 638653                 |        |
|   |                             | Ø 4.2 mm / GH 1.2 mm / 638654                 |        |
|   |                             | Ø 5.3 mm / GH 1.2 mm / 638655                 |        |
|    | Aesthura® Abutment          | Ø 3.3 mm / GH 2.5 mm / 638656                 |        |
|   |                             | Ø 4.2 mm / GH 2.5 mm / 638657                 |        |
|   |                             | Ø 5.3 mm / GH 2.5 mm / 638658                 |        |
|   | Aesthura® Adhesive base     | Ø 3.3 mm / GH 0.3 mm / 638659                 |        |
|   |                             | Ø 4.2 mm / GH 0.3 mm / 638660                 |        |
|   |                             | Ø 5.3 mm / GH 0.3 mm / 638661                 |        |
|  | Aesthura® Holding screw     | Ø 3.3 mm / Abutment / GH 1.2 mm / 638667      |        |
|   |                             | Ø 3.3 mm / Abutment / GH 2.5 mm / 638668      |        |
|   |                             | Ø 3.3 mm / Adhesive base / GH 0.3 mm / 638667 |        |
|  | Aesthura® Holding screw     | Ø 4.2 mm / Abutment / GH 1.2 mm / 638667      |        |
|   |                             | Ø 4.2 mm / Abutment / GH 2.5 mm / 638668      |        |
|   |                             | Ø 4.2 mm / Adhesive base / GH 0.3 mm / 638667 |        |
|  | Aesthura® Holding screw     | Ø 5.3 mm / Abutment / GH 1.2 mm / 638668      |        |
|   |                             | Ø 5.3 mm / Abutment / GH 2.5 mm / 638669      |        |
|   |                             | Ø 5.3 mm / Adhesive base / GH 0.3 mm / 638668 |        |
|  | Aesthura® Vertical screw    | For fixing the abutment on the implant.       | 638665 |
|  | Aesthura® Scan abutment     | Ø 3.3 mm / 638662                             |        |
|   |                             | Ø 4.2 mm / 638663                             |        |
|   |                             | Ø 5.3 mm / 638664                             |        |
|  | Aesthura® Screwdriver short |   | 638670 |
|  | Aesthura® Screwdriver long  |   | 638671 |



## IMPLA Multi Unit System



## Cone Connection



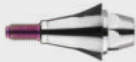


### Multi Unit Abutments

*Coming Soon!*

The IMPLA Multi Unit system has been specially developed for occlusally screw-retained permanent and removable bars, bridges, and total restorations.












IMPLA Multi Unit abutments are available in three different angles (0°, 20°, and 30°). The abutments are screwed together directly with the respective implant. This creates a fixed transgingival platform that can be used for all further prosthetic and laboratory measures. The 0° abutments already have a screw thread and are screwed into the implant with the long or short insertion key. To attach the 20° and 30° abutments to the implant, the vertical screw Multi Unit is used. This is screwed in using the long or short 1.2 mm screwdriver. All laboratory components are secondarily secured to the abutment base with the prosthetics screw using the long or short 1.2 mm screwdriver.

For the range of recommended implants, please see the IMPLA instructions for use.

| Description   |                         | Size / Art. no.  |
|---|-------------------------|--|
|  | Multi Unit Abutment 0°  | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638615</li> <li>ø 4.2 mm / GH 1 mm / 638621</li> <li>ø 5.3 mm / GH 1 mm / 638643</li> <li>ø 3.3 mm / GH 3 mm / 638616</li> <li>ø 4.2 mm / GH 3 mm / 638622</li> <li>ø 5.3 mm / GH 3 mm / 638644</li> </ul>     |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1.5 mm / 638617</li> <li>ø 4.2 mm / GH 1.5 mm / 638623</li> <li>ø 5.3 mm / GH 1 mm / 638645</li> <li>ø 3.3 mm / GH 3 mm / 638618</li> <li>ø 4.2 mm / GH 3 mm / 638624</li> <li>ø 5.3 mm / GH 3 mm / 638646</li> </ul> |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638619</li> <li>ø 4.2 mm / GH 1 mm / 638625</li> <li>ø 3.3 mm / GH 3 mm / 638620</li> <li>ø 4.2 mm / GH 3 mm / 638626</li> </ul>   |
|   |                         |  |
|   |                         |  |
|   |                         |  |
|  | Multi Unit Abutment 20° | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638615</li> <li>ø 4.2 mm / GH 1 mm / 638621</li> <li>ø 5.3 mm / GH 1 mm / 638643</li> <li>ø 3.3 mm / GH 3 mm / 638616</li> <li>ø 4.2 mm / GH 3 mm / 638622</li> <li>ø 5.3 mm / GH 3 mm / 638644</li> </ul>     |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1.5 mm / 638617</li> <li>ø 4.2 mm / GH 1.5 mm / 638623</li> <li>ø 5.3 mm / GH 1 mm / 638645</li> <li>ø 3.3 mm / GH 3 mm / 638618</li> <li>ø 4.2 mm / GH 3 mm / 638624</li> <li>ø 5.3 mm / GH 3 mm / 638646</li> </ul> |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638619</li> <li>ø 4.2 mm / GH 1 mm / 638625</li> <li>ø 3.3 mm / GH 3 mm / 638620</li> <li>ø 4.2 mm / GH 3 mm / 638626</li> </ul>   |
|   |                         |  |
|   |                         |  |
|   |                         |  |
|  | Multi Unit Abutment 30° | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638615</li> <li>ø 4.2 mm / GH 1 mm / 638621</li> <li>ø 5.3 mm / GH 1 mm / 638643</li> <li>ø 3.3 mm / GH 3 mm / 638616</li> <li>ø 4.2 mm / GH 3 mm / 638622</li> <li>ø 5.3 mm / GH 3 mm / 638644</li> </ul>     |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1.5 mm / 638617</li> <li>ø 4.2 mm / GH 1.5 mm / 638623</li> <li>ø 5.3 mm / GH 1 mm / 638645</li> <li>ø 3.3 mm / GH 3 mm / 638618</li> <li>ø 4.2 mm / GH 3 mm / 638624</li> <li>ø 5.3 mm / GH 3 mm / 638646</li> </ul> |
|   |                         | <ul style="list-style-type: none"> <li>ø 3.3 mm / GH 1 mm / 638619</li> <li>ø 4.2 mm / GH 1 mm / 638625</li> <li>ø 3.3 mm / GH 3 mm / 638620</li> <li>ø 4.2 mm / GH 3 mm / 638626</li> </ul>   |
|   |                         |  |
|   |                         |  |
|   |                         |  |




## Accessories Multi Unit Abutments

|   | Description  | Art. no. |
|---|--|----------|
|    | Lab implantat Multi Unit                               | 638627   |
|    | Impression post Multi Unit,<br>open impression         | 638628   |
|    | Fixation screw for Impression post,<br>open impression | 638629   |
|    | Plastic sleeve POM Multi Unit                          | 638630   |
|    | Metal sleeve Multi Unit                                | 638631   |
|    | Gingiva sleeve PEEK<br>Multi Unit                      | 638632   |
|   | Scan abutment Multi Unit                               | 638633   |
|  | Vertical screw Multi Unit                              | 638634   |
|  | Prosthetic screw secondary Multi Unit                  | 638636   |
|  | Screwdriver 1.2 mm short                               | 637117   |
|   | Screwdriver 1.2 mm long                                | 637118   |
|  | Insertion key standard short                           | 637112   |
|   | Insertion key standard long                            | 637104   |

## Universal Drilling Guide

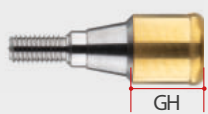
The system enables you to place the implants at the ideal angle for the subsequent prosthetic restoration. The Universal Drilling Guide is a drilling aid that helps you drill holes for distal implants: Drill the mesial pilot hole without angulation, then, based on this, use the drilling guide to position all other implants at 0°, 20°, or 30°. The Universal Drilling Guide is ideal for using with the Multi Unit system.

|   | Description              | Art. no. |
|---|--------------------------|----------|
|  | Universal Drilling Guide | 638637   |

# Cone Connection

## **Locator®-Abutments**

The Locator® abutments are designed for use with implant-retained and mucous-membrane-supported prosthetics for partial and total prostheses in the upper and lower jaw worn resiliently. The Locator® abutments are primarily characterized by a low vertical height, their unique dual anchor system, and the ability to be used at severe angles with implant divergences of up to 20° per implant. The self-aligning design enables intuitive positioning when inserting and fixing the prosthesis. Various retention inserts with different pull-off forces are available.











| Description   |                           | Size / Art. no.   |
|---|---------------------------|---|
|  | Locator® Abutment GH 1 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638580</li> <li>ø 4.2 mm / 638580</li> <li>ø 5.3 mm / 638582</li> </ul> |
|   | Locator® Abutment GH 2 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638583</li> <li>ø 4.2 mm / 638583</li> <li>ø 5.3 mm / 638586</li> </ul> |
|   | Locator® Abutment GH 3 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638584</li> <li>ø 4.2 mm / 638584</li> <li>ø 5.3 mm / 638587</li> </ul> |
|   | Locator® Abutment GH 4 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638581</li> <li>ø 4.2 mm / 638581</li> <li>ø 5.3 mm / 638589</li> </ul> |
|   | Locator® Abutment GH 5 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638585</li> <li>ø 4.2 mm / 638585</li> <li>ø 5.3 mm / 638588</li> </ul> |





# Cone Connection

## Accessories Locator®-Abutments

|   | Description  | Art. no. |
|---|--|----------|
|    | Locator® impression post   | 636067   |
|    | Locator® Lab implant   | 636068   |
|    | Locator® five-part matrix set<br>(retention housing with processing insert black, blocking ring, Locator insertion part clear, pink, blue) | 636070   |
|    | Locator® insertion part, range 0°-10°  |          |
|   | • 4 pcs./clear, pull-off force 2,260 g   | 636071   |
|   | • 4 pcs./pink, pull-off force 1,360 g  | 636072   |
|   | • 4 pcs./blue, pull-off force 680 g  | 636076   |
|    | Locator® insertion part, range 10°-20°   |          |
|   | • 4 pcs./green, pull-off force 1,360-1,800 g   | 636073   |
|  | • 4 pcs./red, light retention, pull-off force 220-680 g  | 636074   |
|  | Locator® processing insert black,<br>4 pc.-package   | 636059   |
|  | Locator®-Adapter, mechanical   | 636075   |
|  | Ratchet with tool connection for Locator®<br>adapter (art. no. 636075)   | 636077   |
|  | Locator® tool, three-part  | 636066   |










## Cone Connection













### Ball-head connector

In the area of implantological hybrid prosthetics, the tried-and-tested ball head technique is a form of implant-retained, mucous-membrane-supported restoration. The ball head connectors should generally be positioned perpendicularly to the occlusal plane. They are available in two different gingiva heights and the matrices can be freely selected with various pull-off forces. The system can be used to rework or recreate an existing cover prosthesis.

| Description   |                     | Size  | Art. no. |
|---|---------------------|---|----------|
|  2.25 mm | Ball-head connector |  ø 3.3 mm / GH 2 mm / 638590 |          |
|   |                     |  ø 4.2 mm / GH 2 mm / 638592 |          |
|   |                     |  ø 5.3 mm / GH 2 mm / 638594 |          |
|   |                     |  ø 3.3 mm / GH 4 mm / 638591 |          |
|   |                     |  ø 4.2 mm / GH 4 mm / 638593 |          |
|   |                     |  ø 5.3 mm / GH 4 mm / 638595 |          |

## Accessories

| Description   |   | Size / Art. no.                                       |
|---|---|---|
|  | Mounting matrix blue                                      | 636001  |
|   | Inner matrix gold, can be activated, pull-off force 800 g | 636002  |
|   | Inner matrix red/heavy, pull-off force 1,200 g            | 636003  |
|   | Inner matrix green/standard, pull-off force 800 g         | 636004  |
|   | Inner matrix yellow/light, pull-off force 600 g           | 636005  |
|  | Retention cap, small<br>for framework stabilization       | 636007  |
|  | Retention cap, large<br>for resin curing                  | 636009  |
|  | Model axis  | 636018  |
|  | Place holder, plastic red                                 | 636014  |
|  | Parallelization aid                                       | 636015  |
|  | Screwdriver 4 Ncm   | 636006  |
|  | Activator / deactivator                                   | 636019  |
|  | Screwdriver   | ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117 |
|  | Insertion key   | long / 637104<br>short / 637112                       |

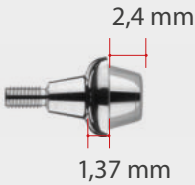



# Cone Connection



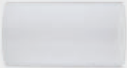





## Conus adapter

The IMPLA Conus adapters have been specially developed for occlusally screw-retained bridge and bar designs and can also be used for the SAE spark erosion technique. The purpose of these abutments is to balance out implant divergences so as to enable tension-free bridge restorations. The customizable and heat-formable modeling tools can be used to create the design. The finished bridge structure is secured in the patient's mouth using the appropriate bar screw.

| Description   | Size / Art. no.   |
|---|---|
|  |  ø 4.2 mm / 638613 |

## Accessories

| Description   | Size / Art. no.                                       |
|---|---|
|  | 636232  |
|  | 636667  |
|  | 636231  |
|  | 636233  |
|  | ø 2.3 mm – long / 637101<br>ø 2.3 mm – short / 637100 |
|  | ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117 |



**Scan and visit us  
online!**


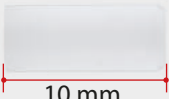



## Cone Connection



### HSL-Abutments

The IMPLA HSL abutment comprises a prefabricated, castable, rotationally secure base part made of refractory gold alloy capable of being cast on (melting range 1,350°C to 1,460°C) and a funnel made of castable plastic (POM). The funnel acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel.

This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. Furthermore, by using the horizontal rosette HSL, it is possible to manufacture a horizontally screwed customized prosthetic. The cast-on procedure can only be used with alloys with a high gold content.





| Description   |                           | Size / Art. no.   |
|---|---------------------------|---|
|   | Abutment connector<br>HSL |  ø 3.3 mm / 638560 |
|   |                           |  ø 4.2 mm / 638561 |
|   |                           |  ø 5.3 mm / 638562 |
|   |                           |   |



### Castable abutments

The IMPLA plastic abutment is made entirely of a castable plastic (POM). The upper area acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel.

This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. Casting can occur using gold or CoCr alloys or the titanium casting process.







| Description   |                     | Size / Art. no.   |
|---|---------------------|---|
|  | Acrylic abutment 0° |  ø 3.3 mm / 638606 |
|   |                     |  ø 4.2 mm / 638607 |
|   |                     |  ø 5.3 mm / 638608 |
|   |                     |   |

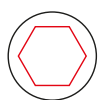


# Cone Connection



## Accessories

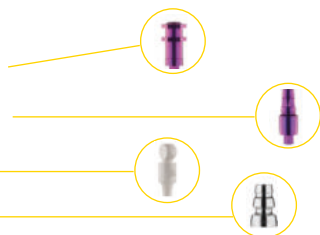
|   | Description                  | Size / Art. no.   |
|---|------------------------------|---|
|    | Vertical screw 1.5 mm        | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636649</li> <li>Ø 4.2 mm / 636649</li> <li>Ø 5.3 mm / 636649</li> </ul> |
|    | Vertical screw blue 1.5 mm   | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636658</li> <li>Ø 4.2 mm / 636658</li> <li>Ø 5.3 mm / 636658</li> </ul> |
|    | Horizontal rosette HSL       | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636664</li> <li>Ø 4.2 mm / 636664</li> <li>Ø 5.3 mm / 636664</li> </ul> |
|    | Horizontal rosette Titanium  | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636662</li> <li>Ø 4.2 mm / 636662</li> <li>Ø 5.3 mm / 636662</li> </ul> |
|  | Horizontal screw, adjustable | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636659</li> <li>Ø 4.2 mm / 636659</li> <li>Ø 5.3 mm / 636659</li> </ul> |
|  | Screwdriver                  | <ul style="list-style-type: none"> <li>Ø 1.2 mm – long / 637118</li> <li>Ø 1.2 mm – short / 637117</li> </ul>             |



## Prosthetic Guideline Hex Connection

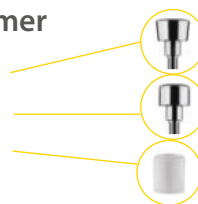
### Impression

- open
- closed
- digital
- Multi Unit



### Gingiva Former

- conical
- cylindrical
- Multi Unit



|  |                                       | Individual Tooth Restorations | Bridge Restorations | Total Restorations (conditionally removable) | Total Restorations (removable) |
|--|---------------------------------------|-------------------------------|---------------------|--|--------------------------------|
|  | Titan Abutments conus connector       | ✓                             | ✓                   | ✗  | ✓                              |
|  | CAD/CAM Adhesive base Titanium        | ✓                             | ✓                   | ✗  | ✗                              |
|  | CAD/CAM Adhesive base Titanium CEREC® | ✓                             | ✓                   | ✗  | ✗                              |
|  | CAD/CAM Blank PreFace®                | ✓                             | ✓                   | ✗  | ✓                              |
|  | SAE-Conus adapter                     | ✗                             | ✓                   | ✓  | ✓                              |
|  | Multi Unit Abutment                   | ✗                             | ✓                   | ✓  | ✗                              |
|  | HSL Abutment                          | ✗                             | ✓                   | ✗  | ✓                              |
|  | Acrylic abutment                      | ✓                             | ✓                   | ✗  | ✓                              |
|  | Locator® Abutment                     | ✗                             | ✗                   | ✗  | ✓                              |
|  | Ball-head connector                   | ✗                             | ✗                   | ✗  | ✓                              |
|  | IMPLA direct (Passiv Fit)             | ✗                             | ✓                   | ✓  | ✓                              |
|  | No Lock                               | ✗                             | ✓                   | ✗  | ✓                              |





# Hex Connection



## Impression posts

The IMPLA impression posts are color-coded in line with the implant diameter and equipped with a short or long fixing screw. The elongated section of the implant axis of the customized impression tray to be created must be perforated so that the fixing screw protrudes from the impression post. To secure the impression aid in place, the fixing screw should be carefully hand-tightened both in the implant and on the laboratory implant using the 1.2 mm screwdriver.

|  | Description  | Size / Art. no.   |
|--|--|-------------------|
|  | Impression post incl. fixation screw short (20 mm) | ø 3.3 mm / 638855 |
|  |  | ø 4.2 mm / 638856 |
|  |  | ø 5.3 mm / 638857 |
|  | Impression post incl. fixation screw long (27 mm)  | ø 3.3 mm / 638852 |
|  |  | ø 4.2 mm / 638853 |
|  |  | ø 5.3 mm / 638854 |



## Closed impression technique

The IMPLA impression posts are color-coded in line with the implant diameter and equipped with a transfer cover and vertical screw. A preassembled impression tray can be used for the closed tray impression technique. To secure the impression aid in place, the vertical screw should be carefully hand-tightened both in the implant and on the laboratory implant using the 1.2 mm screwdriver. The transfer cover (repositioning aid) is pushed onto the impression posts until a noticeable pressure point is overcome and the transfer cover is clearly secure.

|  | Description   | Size / Art. no.   |
|--|---|---|
|  | Impression post incl. transfer cover and vertical screw blue 1.5 mm | ø 3.3 mm / 638867<br>ø 4.2 mm / 638868<br>ø 5.3 mm / 636658 |



## Lab Implant

|  | Description                | Size / Art. no.   |
|--|----------------------------|---|
|  | Lab implant                | ø 3.3 mm / 636133<br>ø 4.2 mm / 636132<br>ø 5.3 mm / 636134 |
|  | Vertical screw blue 1.5 mm | ø 3.3 mm / 636658<br>ø 4.2 mm / 636658<br>ø 5.3 mm / 636658 |

## Accessories

|  | Description | Size / Art. no.                                       |
|--|-------------|---|
|  | Screwdriver | ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117 |

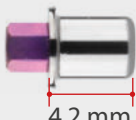


## CAD/CAM Hex Connection



### CAD/CAM Adhesive base Titanium

The rotationally secure IMPLA CAD/CAM adhesive bases act as the optimum connection between the implant and the custom created single-tooth crowns and mesostructures, made from suitable materials. The base is optically captured using suitable dental scanners. To this end, the IMPLA scan abutment is placed on the base and secured with the blue vertical screw. The digitally recorded geometry is used to model and manufacture single-tooth crowns and mesostructures using CAD/CAM techniques.



|   | Description            | Size / Art. no.   |
|---|------------------------|---|
|  | Adhesive Base Titanium | <ul style="list-style-type: none"> <li>ø 3.3 mm / 636681</li> <li>ø 4.2 mm / 636683</li> <li>ø 5.3 mm / 636685</li> </ul> |



### CAD/CAM Blanks

The IMPLA PreFace® abutments made from titanium enable you to create one-piece, customized abutments.

The abutments are original IMPLA products characterized by the highest precision and accuracy. A MEDENTIKA PreFace® abutment holder is required.


|   | Description                             | Size / Art. no.   |
|---|---|---|
|  | PreFace® Abutment<br>Titanium D 11.5 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638800</li> <li>ø 4.2 mm / 638801</li> <li>ø 5.3 mm / 638802</li> </ul> |
|  | PreFace® Abutment<br>Titanium D 16.0 mm | <ul style="list-style-type: none"> <li>ø 3.3 mm / 638807</li> <li>ø 4.2 mm / 638808</li> <li>ø 5.3 mm / 638809</li> </ul> |



### CAD/CAM Titanium Base for CEREC® Based on the Sirona CEREC® System.

The IMPLA CAD/CAM CEREC® adhesive base enables you to use CAD/CAM to design and manufacture customized implant abutments and single-tooth restorations for IMPLA implants. It is based on the Sirona CEREC® system. Every IMPLA CEREC® adhesive base has a laser inscription that specifies which ceramic block connection (S, L) and data path you should choose.

Please order the Sirona scan bodies and ceramic blocks from your specialist retailer as usual.

|   | Description            | Size / Art. no.   |
|---|------------------------|---|
|  | Adhesive Base Titanium | <ul style="list-style-type: none"> <li>ø 3.3 mm / 636703</li> <li>ø 4.2 mm / 636704</li> <li>ø 5.3 mm / 636705</li> </ul> |


















# CAD/CAM Hex Connection

## Accessories

The vertical screw POM is an adhesive aid that makes it safe and easy to bond the abutment to the custom-designed structure. It prevents adhesive from getting into the screw channel when bonding the individual abutment.

By using the bonder Sebond Implant and the self-hardening composite cement Alphaslink Implant, you can optimally bond the IMPLA adhesive base to the customized structure.

|   | Description  | Size / Art. no.  |
|---|--|--|
|    | Scan abutment  |  ø 3.3 mm / 636686<br> ø 4.2 mm / 636687<br> ø 5.3 mm / 636688  |
|   |  |  |
|   |  |  |
|   |  |  |
|    | Vertical screw 1.5 mm  |  ø 3.3 mm / 636649<br> ø 4.2 mm / 636649<br> ø 5.3 mm / 636649  |
|   |  |  |
|   |  |  |
|   |  |  |
|    | Vertical screw blue 1.5 mm   |  ø 3.3 mm / 636658<br> ø 4.2 mm / 636658<br> ø 5.3 mm / 636658 |
|   |  |  |
|   |  |  |
|   |  |  |
|  | Vertical screw POM   | 638365   |
|  | Alphaslink Implant<br>for bonding titanium abutments to<br>individualized zirconium dioxide<br>abutments and supra-constructions | 640076   |
|  | Sebond Implant<br>For bonding titanium abutments to<br>individualized zirconium dioxide abut-<br>ments or supra-constructions    | 640075   |

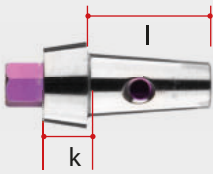






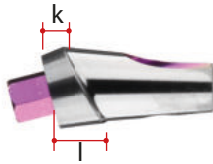









## Hex Connection
















### Titanium abutments

The titanium IMPLA Conus connectors are ideal for cementable single-tooth and bridge restorations subject to high aesthetic demands. The IMPLA Conus connectors are available with angles of 0° and 15°. Individually milled IMPLA Conus connectors are also available to you for highly customized modifications.

| Description   |   | Size / Art. no.   |
|---|---|---|
|    | Conus connector<br>0°                         |  ø 3.3 mm / GH 1.5 mm / k 1.5 mm / l 6 mm / 636180     |
|   |   |  ø 4.2 mm / GH 1.5 mm / k 1.5 mm / l 7 mm / 636181     |
|   |   |  ø 5.3 mm / GH 1.5 mm / k 1.5 mm / l 7 mm / 636182     |
|   |   |  ø 3.3 mm / GH 2,5 mm / k 2,5 mm / l 6 mm / 636153     |
|   |   |  ø 4.2 mm / GH 2,5 mm / k 2,5 mm / l 7 mm / 636656     |
|   |   |  ø 5.3 mm / GH 2,5 mm / k 2,5 mm / l 7 mm / 636155     |
|   | Conus connector<br>15°                        |  ø 3.3 mm / GH 2,5 mm / k 2,5 mm / l 3,5 mm / 636154   |
|   |   |  ø 4.2 mm / GH 1.5 mm / k 1,3 mm / l 2,5 mm / 636657  |
|   |   |  ø 5.3 mm / GH 1.5 mm / k 1.5 mm / l 2,5 mm / 636156 |
|  | Conus connector ,<br>individually<br>millable |  ø 3.3 mm / k 5,0 mm / l 8 mm / 636162               |
|   |   |  ø 4.2 mm / k 7,0 mm / l 10 mm / 635480              |
|   |   |  ø 5.3 mm / k 7,4 mm / l 10 mm / 636160              |

## Accessories

| Description   |                                 | Size / Art. no.   |
|---|---------------------------------|---|
|  | Vertical screw 1.5 mm           |  ø 3.3 mm / 636649                       |
|   |                                 |  ø 4.2 mm / 636649                       |
|   |                                 |  ø 5.3 mm / 636649                       |
|  | Vertical screw blue 1.5 mm      |  ø 3.3 mm / 636658                       |
|   |                                 |  ø 4.2 mm / 636658                       |
|   |                                 |  ø 5.3 mm / 636658                       |
|  | Horizontal rosette<br>Titanium  |  ø 3.3 mm / ø 4.2 mm / ø 5.3 mm / 636662 |
|  | Horizontal screw,<br>adjustable |  ø 3.3 mm / ø 4.2 mm / ø 5.3 mm / 636659 |
|  | Screwdriver                     | ø 1.2 mm – long / 637118  |
|   |                                 | ø 1.2 mm – short / 637117   |



# Hex Connection



## Locator® Abutments

The Locator® abutments are designed for use with implant-retained and mucous-membrane-supported prosthetics for partial and total prostheses in the upper and lower jaw worn resiliently. The Locator® abutments are primarily characterized by a low vertical height, their unique dual anchor system, and the ability to be used at severe angles with implant divergences of up to 20° per implant. The self-aligning design enables intuitive positioning when inserting and fixing the prosthesis. Various retention inserts with different pull-off forces are available.

| Description |                           | Size / Art. no.   |
|-------------|---------------------------|---|
|             | Locator® Abutment GH 2 mm | ø 3.3 mm / 636080<br>ø 4.2 mm / 636081<br>ø 5.3 mm / 636082 |
|             | Locator® Abutment GH 3 mm | ø 3.3 mm / 636060<br>ø 4.2 mm / 636062<br>ø 5.3 mm / 636064 |
|             | Locator® Abutment GH 5 mm | ø 3.3 mm / 636061<br>ø 4.2 mm / 636063<br>ø 5.3 mm / 636065 |

## Accessories Locator® Abutments

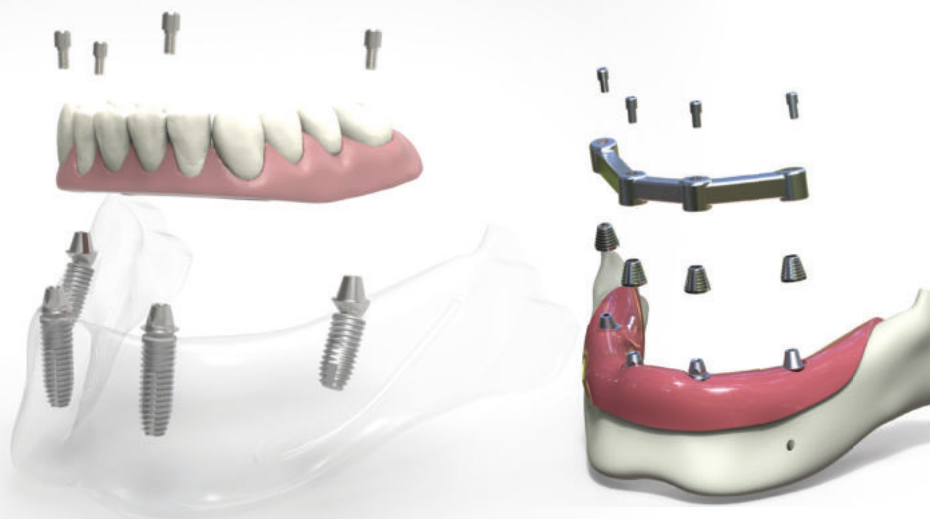
| Description |  | Art. no. |
|-------------|--|----------|
|             | Locator® impression post   | 636067   |
|             | Locator® Lab implant   | 636068   |
|             | Locator® insertion part, range 0°-10°  |          |
|             | • 4 pcs./clear, pull-off force 2,260 g   | 636071   |
|             | • 4 pcs./pink, pull-off force 1,360 g  | 636072   |
|             | • 4 pcs./blue, pull-off force 680 g  | 636076   |
|             | Locator® insertion part, range 10°-20°   |          |
|             | • 4 pcs./green, pull-off force 1,360-1,800 g   | 636073   |
|             | • 4 pcs./red, light retention, pull-off force 220-680 g  | 636074   |
|             | Locator® five-part matrix set<br>(retention housing with processing insert black, blocking ring, Locator insertion part clear, pink, blue) | 636070   |
|             | Locator® Adapter, mechanical   | 636075   |
|             | Tool ratchet for Locator® adapter<br>(Art. no. 636075)   | 636077   |
|             | Locator® core tool, three-part   | 636066   |
|             | Locator® Impression male, black, 4 pcs.  | 636059   |

Pictures may vary.

Locator® is a registered trademark of Zest Anchors Inc.



## IMPLA Multi Unit System



## Hex Connection



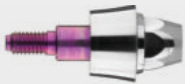

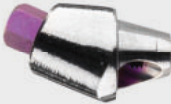
### Multi Unit Abutments

*Coming Soon!*

The IMPLA Multi Unit system has been specially developed for occlusally screw-retained permanent and removable bars, bridges, and total restorations.

Die IMPLA Multi Unit abutments are available in three different angles (0°, 20°, and 30°). The abutments are screwed together directly with the respective implant. This creates a fixed transgingival platform that can be used for all further prosthetic and laboratory measures. The 0° abutments already have a screw thread and are screwed into the implant with the long or short insertion key. To attach the 20° and 30° abutments into the implant, the vertical screw Multi Unit is used. This is screwed in using the long or short 1.2 mm screwdriver. All laboratory components are secondarily secured to the abutment base with the prosthetics screw using the long or short 1.2 mm screwdriver.












For the range of recommended implants, please see the IMPLA instructions for use.

| Description   |                         | Size / Art. no.                 |
|---|-------------------------|---------------------------------|
|  | Multi Unit Abutment 0°  | ● ø 3.3 mm / GH 1 mm / 636689   |
|   |                         | ● ø 4.2 mm / GH 1 mm / 636695   |
|   |                         | ● ø 5.3 mm / GH 1 mm / 636706   |
|   |                         | ● ø 3.3 mm / GH 3 mm / 636690   |
|   |                         | ● ø 4.2 mm / GH 3 mm / 636696   |
|   |                         | ● ø 5.3 mm / GH 3 mm / 636707   |
|  | Multi Unit Abutment 20° | ● ø 3.3 mm / GH 1.5 mm / 636691 |
|   |                         | ● ø 4.2 mm / GH 1.5 mm / 636697 |
|   |                         | ● ø 5.3 mm / GH 1,0 mm / 636708 |
|   |                         | ● ø 3.3 mm / GH 3 mm / 636692   |
|   |                         | ● ø 4.2 mm / GH 3 mm / 636698   |
|   |                         | ● ø 5.3 mm / GH 3 mm / 636709   |
|  | Multi Unit Abutment 30° | ● ø 3.3 mm / GH 1 mm / 636693   |
|   |                         | ● ø 4.2 mm / GH 1 mm / 636699   |
|   |                         | ● ø 3.3 mm / GH 3 mm / 636694   |
|   |                         | ● ø 4.2 mm / GH 3 mm / 636700   |






## Accessories Multi Unit Abutments

|   | Description  | Art. no. |
|---|--|----------|
|    | Lab implant Multi Unit                             | 638627   |
|    | Impression post Multi Unit, open impression        | 638628   |
|    | Fixation screw OL, open impression                 | 638629   |
|    | Plastic sleeve POM for Multi Unit                  | 638630   |
|    | Metal sleeve Multi Unit                            | 638631   |
|    | Gingiva sleeve (PEEK) for Multi Unit               | 638632   |
|   | Scan abutment Multi Unit                           | 638633   |
|  | Vertical screw Multi Unit                          | 638634   |
|  | Prosthetic screw secondary for Multi Unit Abutment | 638636   |
|  | Screwdriver 1.2 mm short                           | 637117   |
|   | Screwdriver 1.2 mm long                            | 637118   |
|  | Insertion key standard short                       | 637112   |
|   | Insertion key standard long                        | 637104   |



## Universal Drilling Guide

The system enables you to place the implants at the ideal angle for the subsequent prosthetic restoration. The Universal Drilling Guide is a drilling aid that helps you drill holes for distal implants: Drill the mesial pilot hole without angulation, then, based on this, use the drilling guide to position all other implants at 0°, 20°, or 30°. The Universal Drilling Guide is particularly ideal for using with the Multi Unit system.

|   | Description              | Size / Art. no. |
|---|--------------------------|-----------------|
|  | Universal Drilling Guide | 638637          |



## Hex Connection



### Ball-head connector

In the area of implantological hybrid prosthetics, the tried-and-tested ball head technique is a form of implant-retained, mucous-membrane-supported restoration. The ball head connectors should generally be positioned perpendicularly to the occlusal plane. They are available in two different gingiva heights and the matrices can be freely selected with various pull-off forces. The system can be used to rework or recreate an existing cover prosthesis.

|  | Description         | Size   | Art. no. |
|--|---------------------|--|----------|
|  | Ball-head connector | $\varnothing$ 3.3 mm / k 1,7 mm / GH 2 mm / 636025<br>$\varnothing$ 4.2 mm / k 1,7 mm / GH 2 mm / 636016<br>$\varnothing$ 5.3 mm / k 1,7 mm / GH 2 mm / 636027<br>$\varnothing$ 3.3 mm / k 3.7 mm / GH 4 mm / 636026<br>$\varnothing$ 4.2 mm / k 3.7 mm / GH 4 mm / 636017<br>$\varnothing$ 5.3 mm / k 3.7 mm / GH 4 mm / 636028 |          |

## Accessories

|  | Description   | Size / Art. no.   |
|--|---|---|
|  | Mounting matrix blue                                      | 636001  |
|  | Inner matrix gold, can be activated, pull-off force 800 g | 636002  |
|  | Inner matrix red/heavy, pull-off force 1,200 g            | 636003  |
|  | Inner matrix green/standard, pull-off force 800 g         | 636004  |
|  | Inner matrix yellow/light, pull-off force 600 g           | 636005  |
|  | Retention cap, small for framework stabilization          | 636007  |
|  | Retention cap, large, for resin curing                    | 636009  |
|  | Model axis  | 636018  |
|  | Parallelization aid                                       | 636015  |
|  | Screwdriver 4 Ncm   | 636006  |
|  | Activator / deactivator                                   | 636019  |
|  | Screwdriver   | $\varnothing$ 1.2 mm – long / 637118<br>$\varnothing$ 1.2 mm – short / 637117 |
|  |   |   |
|  | Insertion key   | long / 637104<br>short / 637112   |

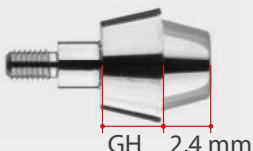






# Hex Connection



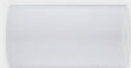





## Conus adapter

The IMPLA Conus adapters have been specially developed for occlusally screw-retained bridge and bar designs and can also be used for the SAE spark erosion technique. The purpose of these abutments is to balance out implant divergences so as to enable tension-free bridge restorations. The customizable and heat-formable modeling tools can be used to create the design. The finished bridge structure is secured in the patient's mouth using the appropriate bar screw.

| Description   | Size  | Art. no. |
|---|---|----------|
|  |  ø 3.3 mm / GH 2.0 mm / 636668 |          |
|   |  ø 3.3 mm / GH 3.0 mm / 636669 |          |
|   |  ø 4.2 mm / GH 1.5 mm / 636670 |          |
|   |  ø 4.2 mm / GH 3.0 mm / 636671 |          |

## Accessories

| Description   | Size / Art. no.  |
|---|--|
|  | Carving aid (SAE) transparent 636232                                 |
|  | Bridge screw for carving aid (SAE) 636667                            |
|  | Modelling aid, opal 636231   |
|  | Bridge screw for carving aid 636233                                  |
|  | Screwdriver<br>ø 2.3 mm – long / 637101<br>ø 2.3 mm – short / 637100 |
|  | Screwdriver<br>ø 1.2 mm – long / 637118<br>ø 1.2 mm – short / 637117 |



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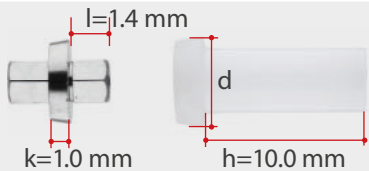
## Hex Connection



### HSL-Abutments

The IMPLA HSL abutment comprises a prefabricated, castable, rotationally secure base part made of refractory gold alloy capable of being cast on (melting range 1,350°C to 1,460°C) and a funnel made of castable plastic (POM). The funnel acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel.

This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. Furthermore, by using the horizontal rosette HSL, it is possible to manufacture a horizontally screwed customized prosthetic. The cast-on procedure can only be used with alloys with a high gold content.

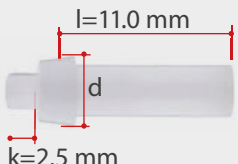
| Description  |                           | Size / Art. no.  |
|--|---------------------------|--|
|  | Abutment connector<br>HSL | <ul style="list-style-type: none"><li>Ø 3.3 mm / d 4.0 mm / 636647</li><li>Ø 4.2 mm / d 4.9 mm / 636665</li><li>Ø 5.3 mm / d 5.8 mm / 636161</li></ul> |



### Castable abutments

The IMPLA plastic abutment is made entirely of a castable plastic (POM). The upper area acts as a modeling aid that can be occlusally shortened as required and provides a clean finish to the screw channel.

This abutment enables you to manufacture customized single-tooth crowns and mesostructures for cementable bridge restorations and primary pillars in order to bridge implant axis divergences when using the double crown technique. Casting can occur using gold or CoCr alloys or the titanium casting process.







| Description   |                     | Size / Art. no.  |
|---|---------------------|--|
|  | Acrylic abutment 0° | <ul style="list-style-type: none"><li>Ø 3.3 mm / d 3.8 mm / 636163</li><li>Ø 4.2 mm / d 4.9 mm / 635461</li><li>Ø 5.3 mm / d 5.9 mm / 636164</li></ul> |



# Hex Connection



## Accessories

|   | Description                  | Size / Art. no.   |
|---|------------------------------|---|
|    | Vertical screw 1.5 mm        | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636649</li> <li>Ø 4.2 mm / 636649</li> <li>Ø 5.3 mm / 636649</li> </ul> |
|    | Vertical screw blue 1.5 mm   | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636658</li> <li>Ø 4.2 mm / 636658</li> <li>Ø 5.3 mm / 636658</li> </ul> |
|    | Rosette, horizontal HSL      | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636664</li> <li>Ø 4.2 mm / 636664</li> <li>Ø 5.3 mm / 636664</li> </ul> |
|    | Rosette, horizontal Titanium | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636662</li> <li>Ø 4.2 mm / 636662</li> <li>Ø 5.3 mm / 636662</li> </ul> |
|  | Horizontal screw, adjustable | <ul style="list-style-type: none"> <li>Ø 3.3 mm / 636659</li> <li>Ø 4.2 mm / 636659</li> <li>Ø 5.3 mm / 636659</li> </ul> |
|  | Screwdriver                  | <ul style="list-style-type: none"> <li>Ø 1.2 mm – long / 637118</li> <li>Ø 1.2 mm – short / 637117</li> </ul>             |

Scan & discover!



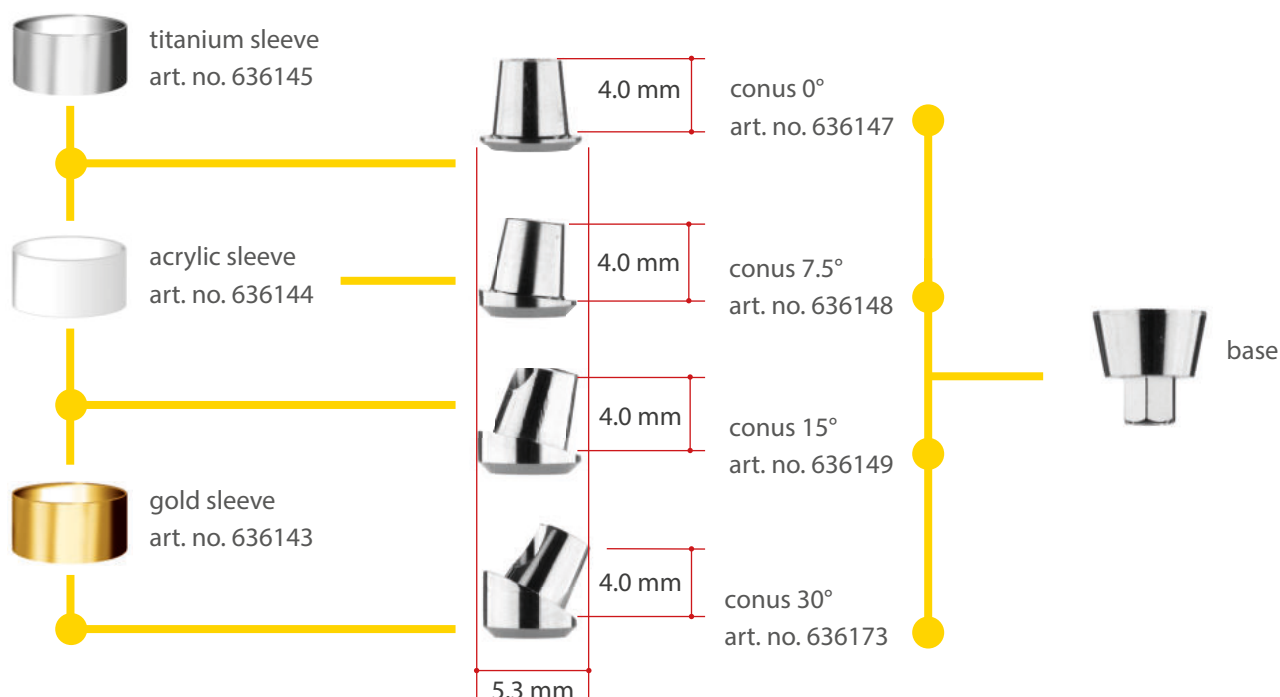


# Hex Connection



## IMPLA Direct (Passiv Fit)

The IMPLA Direct system has been specially developed for the stress-free bonding of bar designs, telescopic restorations, and screw-on bridges. The base part is connected to the appropriate prefabricated cone, which is available in various versions with different angles (0°, 7.5°, 15°, and 30°). The precisely fitting sleeves are optionally available in castable (POM), cast-on (gold), and laser-technology-compatible (titanium) versions. The Alphalink Automix Set enables optimum results when bonding the structure.

















| Description |                                       | Size / Art. no.   |
|-------------|---------------------------------------|-------------------|
|             | Base 1.5 mm                           | ø 3.3 mm / 636170 |
|             |                                       | ø 4.2 mm / 636139 |
|             |                                       | ø 5.3 mm / 636172 |
|             | Base 3.0 mm                           | ø 3.3 mm / 636169 |
|             |                                       | ø 4.2 mm / 636146 |
|             |                                       | ø 5.3 mm / 636171 |
|             | Vertical screw for base height 3.0 mm | 636648            |
|             | Vertical screw for base height 1.5 mm | 636649            |
|             | Alphalink Automix Set attachment glue | 639030            |





# Hex Connection



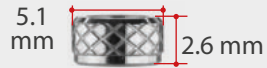
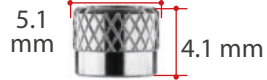




## Tools/Accessories

|   | Description  | Art. no. |
|---|--|----------|
|   | (all screws are compatible with screwdriver SW 1.2 mm)     |          |
|    | Vertical screw blue 1.5 mm                                 | 636658   |
|    | Vertical screw standard 1.5 mm                             | 636649   |
|    | Vertical screw 3.0 mm<br>for Passiv Fit base height 3.0 mm | 636648   |
|    | Bridge screw for carving aid (SAE)                         | 636667   |
|    | Bridge screw for carving aid<br>(art. no. 636231)          | 636233   |
|    | Horizontal screw, adjustable                               | 636659   |
|    | Screwdriver SW 1.2 mm short                                | 637117   |
|   | Screwdriver SW 1.2 mm long                                 | 637118   |
|    | Screwdriver SW 2.3 mm short                                | 637100   |
|   | Screwdriver SW 2.3 mm long                                 | 637101   |
|    | Torque ratchet   | 637123   |
| <p>The IMPLA abutment holder is used to securely hold the implant abutments, making it far easier to trim and customize them while also preventing damage to the implant connector. The respective pins are inserted into the IMPLA abutment holder depending on the internal connection (Hex or cone connection) and diameter.</p> |  |          |
|    | Abutment holder  | 635505   |
|    | Abutment holder Set  | 635509   |
|    | Pin Hex Connection<br>3.3 mm / 4.2 mm / 5.3 mm             | 635506   |
|    | Pin Cone Connection<br>3.3 mm / 4.2 mm                     | 635507   |
|    | Pin Cone Connection<br>5.3 mm                              | 635508   |








# Mini

## IMPLA Mini-balltop

|   | Description   | Art. no. |
|---|---|----------|
|    | Transfer cover  | 635488   |
|    | Lab implant   | 635487   |
|    | Open balltop matrix incl. O-ring<br>pull-off force 650 g              | 635489   |
|    | Closed balltop matrix incl. O-ring<br>pull-off force 650 g            | 635479   |
|    | O-ring red for balltop matrix<br>pull-off force 650 g                 | 635499   |
|   | O-ring green for balltop matrix<br>pull-off force 450 g               | 635500   |
|  | Closed balltop matrix small incl. O-ring<br>pull-off force 800 g      | 635469   |
|  | O-ring red small for balltop matrix small<br>pull-off force 800 g     | 635468   |
|  | O-ring black small for balltop matrix small<br>pull-off force 1,000 g | 635501   |

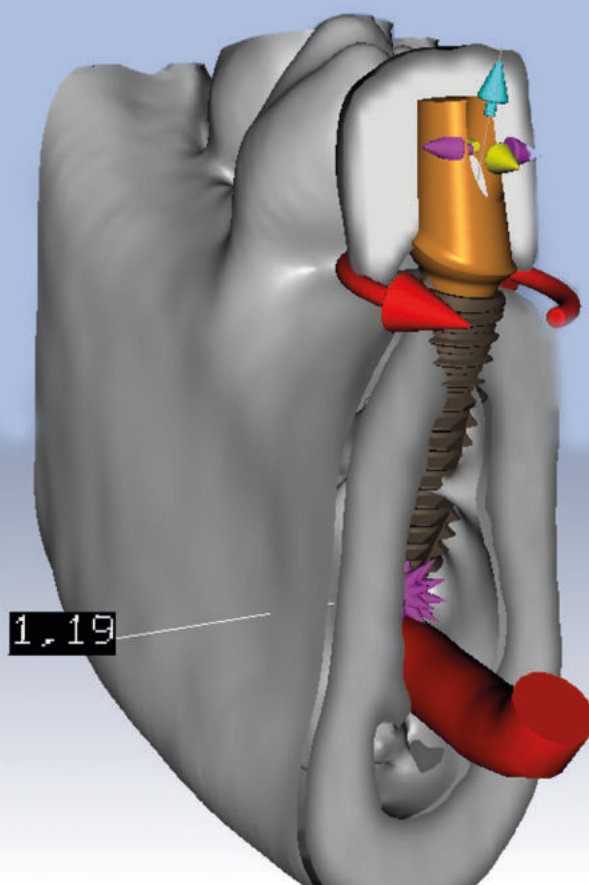
## IMPLA Mini-conetop

|   | Description  | Art. no. |
|---|--|----------|
|  | Transfer cover   | 635495   |
|  | Lab implant  | 635493   |
|  | POM  | 635491   |
|  | Holding screw  | 635502   |
|  | IMPLA Prosthetic Set Mini-conetop<br>(art. no. 635495, 635491, 635502, 635493) | 635503   |



Since 1963

**IMPLA**



1.19

## IMPLA 3D Navigation

**The three-dimensional planning software for minimally-invasive implantology.**

The implant navigation system IMPLA 3D supports you during planning and diagnosis of your patient cases. The system offers you the option of template-guided insertion. Integrating the implant system into your digital workflow has been fully taken into consideration. Give yourself and your customers even greater security during planning using IMPLA 3D as well as greater efficiency.



## IMPLA 3D Navigation Planning and Diagnostics.

There are many reasons why experts recommend 3D implant planning: It offers your patients the highest level of safety. It is even possible for you to document this if there is any doubt.

Your patient will realize immediately why he or she is in the best hands with you. IMPLA 3D illustrates to your patient the implantation procedure and the result in a visual and clear way. A service for the patient - he feels safe and recognizes the benefits of the treatment. Virtual planning before the surgery reduces the stress for you, your team and the patient. The results can be better

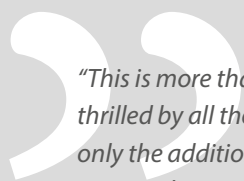
predicted and are technically more refined. You create exceptionally high quality results.

Join the trend-setters with IMPLA 3D: The "Complete Digital Workflow" links your digital system for highly reliable and precise results.



*"IMPLA 3D offers an excellent means of transferring the exact implant position to the edentulous area. The software is used to eliminate errors arising from manual insertion, and to coordinate the pre-surgical prosthetic planning. Precise evaluation of the bone volume and optimal determination of the prosthetic axis offer a high degree of security and predictability."*

**Dr. Umut Baysal**  
**Dentist & Implantologist, Study group leader DGZI**  
**Attendorn/Germany**



*"This is more than just a virtual planning program. I am thrilled by all the advantages that IMPLA 3D brings. It's not only the additional safety, but also the system's possibilities as a marketing tool. Our lab frequently organizes IMPLA and IMPLA 3D events (expert meetings to exchange ideas). The amount of implant cases in my lab have doubled since we have started organizing this series of events."*

**Helmut Heidlindemann, MDT,**  
**Marburg/Germany**



## IMPLA 3D Navigation

### Planning and Diagnostics.

### IMPLA 3D Software

| Description  | art. no. |
|--|----------|
| <b>IMPLA 3D UNIVERSE for LAB</b><br>The Allrounder: You plan the treatment virtually, discuss this with your patient and (if necessary) have a drill template prepared - for this you can export the data into the Digital Workflow system or select a manual solution.  | 638091   |
| <b>IMPLA 3D Star</b><br>You plan the treatment virtually, discuss this with your patient and (if necessary) have a drill template prepared - for this you can export the data into the Digital Workflow system. To do this, send your data for the production of a surgical template to a laboratory using the IMPLA 3D Universe Software. | 638096   |





**Tradition**

## **IMPLA meets zebris**

Function in Implantology



**Innovation**

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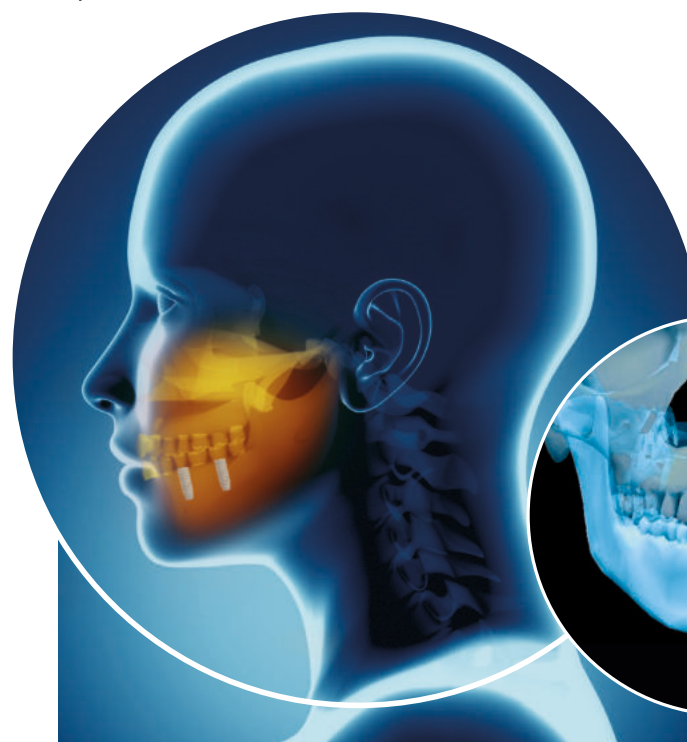
## **Exclusive to Schütz Dental – Make implants even more reliable and profitable**

### **Reliable implantology based on your patient's actual jaw movement**

Ensure optimal fitting of implants based on your patient's actual jaw movement and achieve an ideal occlusion. One of the key factors in determining the durability of an implant is its ability to withstand shear forces. With zebris Real Movement data, you can factor in these shear forces in advance.

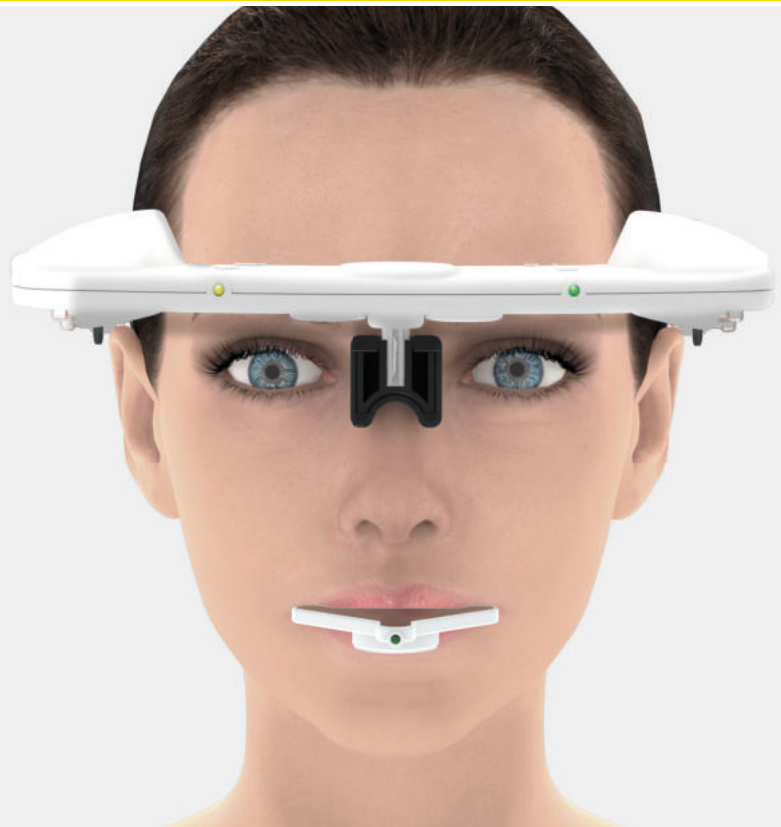
### **Your benefits**

- Greater safety and reliability
- Greater accuracy and predictability of results
- Patient confidence
- A digital reputation for your practice





**NEW**



**Jaw Movement Analysis  
Tizian JMA Optic** by zebris  
For secure prosthetics.

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### Welcome to the world of functional digital dentistry

Precise, safe, quick and economic! Based upon a light optics procedure, the system records the condyle movements and all six movement directions of the lower jaw with extremely high precision.

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- Happy patients
- Digital image for your practice
- Decisive competitive advantage

*Pictures may vary.*

SCHÜTZ DENTAL

## General Terms and Conditions of Business of Schütz Dental GmbH

### Paragraph 1: General – Scope of Conditions

- (1) The goods and services and the offers of Schütz Dental GmbH (referred to hereinafter as "the vendor") are supplied exclusively on the basis of these Conditions of Business. These will also apply to all future business relationships, whether or not they are explicitly agreed separately. These Conditions will be deemed to have been accepted at the latest on taking delivery of the goods or services. Confirmations to the contrary by the purchaser with reference to its own Conditions of Business or Purchase are hereby repudiated.
- (2) The vendor carries out business exclusively with customers (referred to hereinafter as "purchasers") within the meaning of Section 14 of the German Civil Code [BGB]. A prospective purchaser that is not a merchant within the meaning of Section 14 of the German Civil Code but which is a consumer within the meaning of Section 13 of the German Civil Code, is required to notify the vendor of this immediately.
- (3) All agreements reached between the vendor and the purchaser for the purpose of performing this contract shall be recorded in writing.

### Paragraph 2: Offer and Conclusion of Contracts

- (1) The offers made by the vendor are non-binding and subject to alteration. Declarations of acceptance and all orders must be confirmed by the vendor in writing or by telexfax to be legally valid.
- (2) The vendor reserves the right to carry out a creditworthiness check on the purchaser. Depending on the result of the check, the vendor will be entitled to alter its Conditions of Delivery, the payment period or the method of payment. In the event of a negative credit check, the vendor will also be entitled to withdraw from a contract which has already been concluded without incurring liability for damages.
- (3) Drawings/plans, illustrations, weights, measures and other performance data are only binding if this is explicitly agreed in writing.
- (4) Information from prospectuses, price-lists or the offer is not legally binding unless they have become an explicitly integral part of the contract.
- (5) The vendor's employees are not authorised to issue oral agreements or assurances that exceed the contents of the written contract.
- (6) The purchaser is bound to its order (the purchaser's contractual offer) for 14 working days. The vendor may accept the order either by written confirmation or by delivering the goods.
- (7) Conclusion of the contract is subject to timely and proper self-delivery by the vendor. Defects in performance shall be notified to the purchaser within an appropriate period.

### Paragraph 3: Prices

- (1) Unless otherwise stipulated, the vendor will be bound by the prices in its offer for 30 days from the date of the offer. Thereafter, the prices in force at the time the goods are delivered will apply. Otherwise, the prices referred to in the confirmation of the offer plus the applicable statutory value added tax – if this is incurred – will be authoritative. The supply of additional goods and services will be invoiced separately.
- (2) Unless otherwise agreed, the prices will be ex-works plus the cost of packaging and transport. Deliveries will only be insured at the customer's request and expense. Orthodontic bands, attachments and latches, gold and leads will be routinely shipped via registered mail or registered package at the wish and expense of the purchaser.
- (3) Maintenance, repair work, dismantling and installation work will be invoiced separately according to the time taken plus the cost of materials. The vendor's effective hourly rates will apply plus the applicable value added tax – if this is incurred, as will any travel time to and from the worksite.
- (4) In the event of any significant change in the order-related personnel or material costs after the contract has been concluded, the vendor will be entitled to adjust the prices accordingly. If requested by the purchaser, the vendor will be required to justify the price-increase. In the event of a price-increase in excess of 10 % of the net price, the purchaser will be entitled to withdraw from the contract within ten days after the price-increase has been announced.
- (5) Any discounts granted by the vendor are to be passed on to the patient by the purchaser/dentist resp. dental technician as provided by law.

### Paragraph 4: Delivery and Performance Periods

- (1) Delivery dates or periods which can be agreed bindingly or non-bindingly must be in writing.
- (2) The vendor is not responsible for delivery or performance delays due to reasonably unforeseeable events (so-called "Acts of God") – including in the case of bindingly agreed periods or dates – or for events which make delivery – not only temporarily – considerably difficult or impossible for the vendor – as well as strikes, lock-outs, official instructions etc. In particular, including if these occur with suppliers of the vendor or its sub-contractors/sub-suppliers. They entitle the vendor to postpone the delivery, service or performance for the duration of the delay plus an appropriate lead period or to wholly or partially withdraw from the contract due to the still-unfulfilled part.
- (3) If the delay lasts more than three months, the purchaser will, after setting an appropriate grace period, be entitled to withdraw from the contract on the basis of the still-unfulfilled part. If the delivery period is extended or if the vendor is released from its obligation, the purchaser may not derive any compensation claims from this. The vendor may only invoke the circumstances referred to if it informs the purchaser within an appropriate period.
- (4) If the vendor is responsible for failing to comply with binding deadline periods and dates or is in arrears, the purchaser will be entitled to compensation for the delay to the value of half of one percent (0.5 %) for every full week of the delay. However, such claims may not exceed five percent (5 %) of the invoice amount of the goods and services affected by the delivery delay. Claims exceeding this amount will not be recognised unless the delay is due at least to gross negligence on the part of the vendor.
- (5) The vendor is entitled to make partial deliveries and to provide partial performance at any time unless partial delivery or partial performance is unreasonable for the purchaser.
- (6) Compliance with the vendor's delivery and performance obligations presupposes the timely and proper fulfilment of obligations by the purchaser.
- (7) If the purchaser is in arrears of acceptance, the vendor will be entitled to request compensation for any damage it incurs. With the onset of arrears of acceptance, the risk of accidental deterioration and accidental loss transfers to the purchaser.
- (8) Deliveries are made at the risk of the purchaser, including in the case of free delivery.

### Paragraph 5: Transfer of Risk

Risk transfers to the purchaser as soon as the shipment has been given to the person carrying out the transport or has left the vendor's warehouse for the purpose of shipment. If shipment is delayed at the request of the purchaser, risk transfers to the purchaser when the latter is notified that the goods are ready for shipment.

### Paragraph 6: Guarantees

- (1) The vendor guarantees that the products are free of manufacturing and material defects; the guarantee-deadline for mechanical parts of the products expires after one year and after six months for electronic parts. The guarantee period begins on the delivery date.
- (2) If the vendor's operating or maintenance instructions are not followed, if alterations are made to the products, if parts are exchanged or if consumable materials that do not correspond to the original specifications are used, all guarantees will lapse if the purchaser fails to refute a corresponding substantiated statement that one of these circumstances caused the defect. The guarantee will also be invalid if damage is due to the fact that the goods have been worked on or repaired by third parties, if the goods are used for another purpose than that intended, if the instructions for use are not complied with or if the generally accepted rules of technology are ignored.
- (3) Following receipt of the goods, the purchaser must inform the vendor's customer service management of defects in writing immediately but no later than within one week after delivery. Defects that cannot be detected within this period, including in a careful examination, are to be notified to the vendor in writing immediately following discovery.
- (4) If the purchaser informs the vendor that the products do not correspond to the guarantee, the vendor will, at its option and expense, decide whether the damaged part or machine will be sent to be repaired and then returned to the vendor or whether it (the vendor) will collect the damaged part or device.
- (5) If the repair fails after an appropriate deadline period, the purchaser may, at its option, request a reduction in the purchase price or, in the case of major defect, request that the contract be cancelled.
- (6) Liability for normal wear and tear will not be accepted.
- (7) Only the direct purchaser is entitled to assert warranty claims against the vendor; these claims are not assignable.
- (8) The purchaser will bear the risk that the goods it has ordered are suitable and have been approved for the purpose it intends. Recommendations on this by the vendor are non-binding.
- (9) A defect to a part of the goods will not lead to or mean a defect to all the goods and will not entitle the purchaser to cancel the contract.
- (10) The vendor gives no guarantee for used parts, equipment or parts that are subject to wear and tear.

- (11) The vendor hereby assigns to the purchaser its existing guarantee claims against the external manufacturer for third-party products that it (the vendor) has procured on behalf of and supplied to the purchaser. The purchaser hereby declares that it accepts this assignment.
- (12) The aforementioned paragraphs contain the full, complete and exhaustive guarantee for the products and exclude all other guarantee claims of any kind. This does not apply to damages claims arising from assurances on inherent characteristics.

### Paragraph 7: Spare Parts

The vendor will supply the relevant spare parts at the applicable spare part prices for a period of five years following delivery of a machine.

### Paragraph 8: Retention of Title

- (1) Until all claims (including any balance claims from current account) to which the vendor is entitled for any reason in law whatsoever against the purchaser, either now or in the future, have been fulfilled, the vendor is granted the following securities which it will, at its option, release on request if their value permanently exceeds the value of the claims by over 20%.
- (2) The goods remain the property of the vendor. Processing or remodelling will be carried out at all times for the vendor as a manufacturer; however, this will not entail any obligation for the vendor. If the vendor's co-ownership expires due to merging or connection, it is agreed here and now that the purchaser's co-ownership as percentage value of the unified item (book value) will transfer to the vendor. The purchaser will store the vendor's (co-owned) product free of charge. Goods to which the vendor is entitled to any (co-)ownership will be referred to below as reserved goods.
- (3) The purchaser is entitled to process and sell the reserved goods in the course of normal business provided it is not in arrears. Pledging or assignment as security is not permitted. The purchaser assigns here and now all claims by way of security (including any balance claims from current account) arising from the resale or any other reason in law (insurance, prohibited actions) in respect of the reserved goods to the vendor in their entirety. The vendor authorises the purchaser revocably to collect claims assigned to the vendor on its own account and on its own behalf. This collection authority may be revoked only if the purchaser fails to duly fulfil its payment obligations.
- (4) In the event of access to the reserved goods by third parties, in particular in the form of seizure, the purchaser will inform the third parties of ownership by the vendor and inform the vendor immediately so that it (the vendor) may enforce its ownership rights. If the third party is not able to reimburse the vendor for the resulting court or out-of-court costs in this connection, the purchaser will be liable for these.
- (5) In the event of non-contractual conduct on the part of the purchaser – in particular arrears of payment – the vendor will be entitled to take back the reserved goods or, if necessary, demand assignment of the purchaser's surrender claims against third parties. Taking back or pledging the reserved goods by the vendor will not constitute withdrawal from the contract.

### Paragraph 9: Payment

- (1) Unless otherwise agreed, the vendor's invoices are payable without deduction within 30 days after issue. If the purchaser pays within 10 days after the invoice has been issued, it will be entitled to deduct 2 % discount from the invoice amount. Any retrospective deduction of discount is not permitted. Payment for repair and service work is due immediately and without deduction after the invoice has been issued.
- Contrary to any deviating provisions of the purchaser, the vendor is entitled to initially offset payment against older debts and will inform the purchaser of the nature of the offsetting. If costs or interest have been incurred, the vendor will be entitled to initially offset the costs, then the interest and finally the principal claim from the payment.
- (2) A payment will not be deemed to have been made until the vendor can access the amount. In the case of cheques or bills of exchange, payment will not be deemed to have been made until the cheque or bill of exchange has been credited irrevocably.
- (3) Payment by bill of exchange requires explicit prior approval by the vendor. Costs and expenses are at the expense of the purchaser. The purchaser also bears the risk of timely presentation and protest.
- (4) If the purchaser falls into arrears, the vendor will be entitled to charge interest at the statutory rate – currently nine percent (9 %) over the applicable base lending rate of the Deutsche Bundesbank – as lump-sum compensation from the applicable date. The vendor may produce evidence of any higher damage.
- (5) If the vendor becomes aware of circumstances that cast doubt on the purchaser's creditworthiness, if the purchaser stops its payments or if the vendor becomes aware of other circumstances that cast doubt on the purchaser's creditworthiness, the vendor will be entitled to declare all the remaining debt immediately payable, including if it has accepted cheques or bills of exchange. In this case, the vendor will also be entitled to request advance payments or sureties.
- (6) The purchaser is entitled to offset claims, retain title and reduce the purchase price of goods, including if notices of defects or counter-claims are asserted, providing the counter-claims can be established in law or are undisputed.

### Paragraph 10: Design Modifications

The vendor reserves the right at any time to make changes to design and products or to change the shape, colour or weight of products; however, it is not obliged to make these alterations to products which have already been delivered.

### Paragraph 11: Patents and Copyright

- (1) The vendor will release the purchaser and its customers from claims arising from breaches of copyright, trademarks and patents unless the design of a product as delivered originates from the purchaser. The vendor's indemnity obligation is limited to foreseeable damage in respect of the amount.

An additional condition for indemnity is that conducting legal disputes will be left to the vendor and that the alleged breach of rights is attributable exclusively to the method of construction of the vendor's products as delivered without being connected to or used with other products.

- (2) The vendor is, at its option, entitled to be released from the obligations assumed in Subparagraph 1 by either
  - a) obtaining the necessary licences in respect of the allegedly breached patents or
  - b) making an altered product or parts thereof available to the purchaser which, in the event of any exchange for the infringing product or its part, eliminates the allegation of breach of patent concerning the product.
- (3) The vendor reserves its rights of ownership and copyright to drawings, sketches, catalogues, plans and other documentation. These may not be made accessible to third parties without the written permission of the vendor and are to be immediately returned on request.

### Paragraph 12: Confidentiality

Unless otherwise explicitly agreed in writing, the information distributed to the vendor in connection with orders is not deemed to be confidential.

### Paragraph 13: Limitation of Liability

Damages claims arising from defective performance or from unauthorised actions against both the vendor and its employees will not be recognised except in cases of wilful intent or gross negligence. This will also apply to damages claims for non-performance but only to the extent that the replacement of indirect or consequential damage is requested unless liability is based on an assurance intended to protect the purchaser against the risk of such damage. All liability is limited to foreseeable damage at the time the contract is signed. In all cases, liability on the part of the vendor in accordance with the German Product Liability Act and other claims based on product liability will remain unaffected.

### Paragraph 14: Applicable Law; Place of Jurisdiction; Partial Nullity, Ancillary Agreements

- (1) The law of the Federal Republic of Germany applies to these Conditions of Business and all legal relationships between the vendor and the purchaser, including the provisions of the UN Convention on the International Sale of Goods (CISG).
- (2) If the purchaser is a merchant within the meaning of the German Commercial Code, is a legal entity in German public law or is a special public fund in German law, the registered offices of the vendor will be the exclusive place of jurisdiction for all disputes arising directly or indirectly from this contractual relationship. The vendor is at liberty to bring legal action against the purchaser at the place of latter's registered offices.
- (3) Should a provision in these Conditions of Business or a provision in any other agreements be or become invalid, the validity of all other provisions or agreements will not be affected. The invalid provision will be replaced by a provision which comes as close as possible to its commercial content to the invalid provision. The same will apply in the event of omissions.
- (4) Ancillary agreements or amendments to these General Terms and Conditions of Business must be in writing.



[www.schuetz-dental.com](http://www.schuetz-dental.com)

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## Contact us

**We are here for you:**

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